



CATALOGO GENERALE
GENERAL CATALOGUE

Centerinox nel mondo

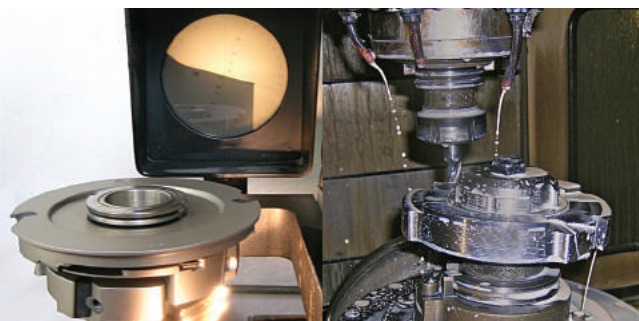
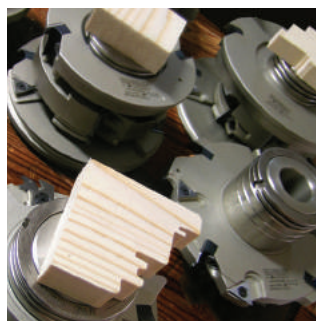
Centerinox in the world



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*Il nostro stabilimento si trova a soli
5 minuti dall'uscita autostradale A14
in direzione ovest, sulla
Strada Provinciale 92 Valtresino.*

*Our factory lies near
Grottammare's way
out from the highway "A14".*





All'inizio degli anni '70, i fratelli Ciarrocchi, fondatori della società decidono di dare vita ad una realtà imprenditoriale ricca di dinamismo ed intraprendenza. Queste qualità si possono tradurre oggi in un'unica parola: Centerinox srl.

Alla Centerinox progettiamo e produciamo utensili per la lavorazione del legno e simili, con particolare interesse nella realizzazione di frese adibite all'industria del serramento.

Il tutto controllato e certificato tanto da garantire affidabilità e precisione.

Nel tempo, grazie alla continua ricerca nella progettazione, abbiamo accumulato una grande esperienza tecnologica che ci permette di presentare ogni volta soluzioni personalizzate, finalizzate al raggiungimento della massima soddisfazione del cliente più esigente.

Questa lunga attività ci ha portato a proporre oggi un catalogo con più di 300 articoli standard.

In the early 70's, the Ciarrocchi brothers, company founders, decided to create a new resourceful business, rich in dynamism.

Today, we can find the same founding qualities in the Centerinox company.

We design and produce tools for wood processing and similar, with a particular interest in realizing rotare cutters used in fixtures industry; the entire process is controlled and certified to grant reliability and precision.

During those years, thanks to a constant research in designing, we have reached a great technology experience, that allows us to present customized solution studied for the best customer's satisfaction.

This long time activity brought us to propose today a 300 standard articles catalogue.





ISTITUTO PER LA TUTELA DEI PRODUTTORI ITALIANI

Made in Italy 100% Certificate

REGISTRAZIONE N° IT01.IT/979.034.V

SI ATTESTA CHE
This is to certify that

CENTERINOX

E' UN MARCHIO CERTIFICATO AVENTE I REQUISITI DEL
SISTEMA IT01 - 100% QUALITA' ORIGINALE ITALIANA
acts according to system IT01 - 100% Original Italian Quality

QUESTA CERTIFICAZIONE E' INOLTRE VALIDA PER IL SEGUENTE CAMPO APPLICATIVO:
This certificate is also valid for the following product or service range:

UTENSILI PER LA LAVORAZIONE DEL LEGNO
Furniture

DITTA PRODUTTRICE E DISTRIBUZIONE
Manufacturer and distribution Company

CENTERINOX SRL
Via Brasile, 19 - 63066 Grottammare (AP)

SISTEMA IT01 - 100% QUALITA' ORIGINALE ITALIANA
The certified Company:

QUESTI PRODOTTI SONO:
These products are:

A - FABBRICATI INTERAMENTE IN ITALIA
Entirely Made in Italy

B - REALIZZATI CON SEMILAVORATI ITALIANI
Made with Italian components

C - COSTRUITI CON MATERIALI NATURALI
DI QUALITA' E DI PRIMA SCELTA
Made with natural top quality materials

D - REALIZZATI CON DISEGNI E PROGETTAZIONE
ESCLUSIVI DELL'AZIENDA

Made according to the Company's exclusive styles and designs

E - COSTRUITI ADOTTANDO LE LAVORAZIONI
ARTIGIANALI, TRADIZIONALI TIPICHE ITALIANE
Made according to the typical Italian craftsmanship and tradition

Organismo Asseverante:
Supporting unit:
PROMINDUSTRIA SPA



Stamp / Trade Mark
Timbro dell'Istituto


WALTER MARTINI
President


NAZZARENO VITA
Director

MILANO, 17/03/2014

LA VALIDITA' DEL PRESENTE CERTIFICATO MADE IN ITALY E' SUBORDINATA AL RIESAME COMPLETO DEL SISTEMA CON PERIODICITA' ANNUALE
The validity of this Made in Italy Certificate is subjected to a periodical complete annual inspection

 madeinitaly.org



Certificate No.: QAIC/IT/91765-A

CONDIZIONE GENERALE DI VENDITA

PREZZI: I prezzi si intendono per utensili di costruzione di serie. Eventuali modifiche, consensualmente concordate, dovranno risultare per iscritto.

SPEDIZIONE: La spedizione della merce si intende effettuata a rischio e pericolo del committente. In caso di manomissioni o danneggiamento dei prodotti durante il trasporto, il destinatario dovrà rivolgersi esclusivamente ai vettori. Eventuali reclami alla fornitura dovranno, sotto pena di decadenza, essere inoltrati entro 8 giorni dal ricevimento della merce.

CONSEGNE: I termini di consegna concordati o riportati sulle conferme d'ordine sono indicativi e non sono impegnativi ma subordinati sempre alla fabbricazione. Essi non costituiscono diritto all'annullamento dell'ordine nel caso la consegna non potesse essere rispettata per cause non dipendenti dalla nostra volontà.

PAGAMENTI: Tutti i pagamenti devono essere effettuati direttamente alla sede. Non sono ammessi arrotondamenti o trattenute arbitrarie.

GARANZIA: Tutti gli utensili sono garantiti sotto ogni aspetto, purchè non presentino inconvenienti dovuti ad errato uso, evidente manomissione o impiegati in condizioni non consentite dal tipo di materiale usato per la loro fabbricazione.

ESEMPIO DI ORDINAZIONE: Per migliorare e velocizzare lo svolgimento degli ordini, Vi preghiamo di eseguire le ordinazioni usando il codice dell'articolo richiesto o, in caso di merce speciale, di fare sempre riferimento al codice dell'articolo più simile.

GENERAL SALES CONDITION

PRICES: Prices shown are for standard production series tools. Any eventual modifications, previously agreed to, must be verified in writing .

SHIPPING: Goods are shipped at the customer's own risk and responsibility . In the case of damage of tampering during transportation the consignee must direct all complaints to the forwarder. Any eventual complaints regarding the goods supplied must be made strictly within 8 days of receipt of goods.

DELIVERY TIMES: The delivery times agreed and shown on the order confirmation are approximate and not binding but subject to production schedule . No right to cancel the order shall be granted in the case of these delivery times not being kept due to reason beyond our control.

PAYMENT : All payments must be made directly to head office . No rounding off of amounts or deduction are admissible.

WARRANTY: All tools are guaranteed in every aspect, as long as they do not show evidence of improper use, obvious misuse or have been used under conditions unsuitable for the type of material they were made from .

ORDERING PROCEDURE: To speed up and make ordering more efficient, you are kindly requested to place orders using correct code for the item required or, in case of special purpose items , with reference to the code of the most similar code

INTRODUZIONE

La produzione della CENTERINOX già definita HIGH TECHNOLOGY per la precisa impronta qualitativa che la contraddistingue, presenta ora un nuovo catalogo.

L'Azienda propone un ampio assortimento di soluzioni standard, sviluppate in base alle richieste del mercato in ogni settore della lavorazione del legno e delle materie plastiche; questi utensili, definiti "STANDARD o DI SERIE" sono disponibili in magazzino .

L' utilizzo di nuovi materiali e lo sviluppo di tecnologie e sistemi di lavorazione innovativi, uniti alle esigenze della clientela, portano alla realizzazione di soluzioni specifiche.

Il nostro ufficio tecnico è quindi a disposizione per risolvere qualsiasi problema si presenti quotidianamente, e la nostra esperienza trentennale ci permette di soddisfare con successo le esigenze della nostra clientela sia in Italia che all'estero attraverso un'organizzazione di vendita diretta o tramite rivenditore.

Il punto di forza della CENTERINOX è il sistema di fissaggio meccanico brevettato, che garantisce lavorazioni ottimali e una rapida sostituzione dei coltelli, rispettando tutti gli standard di sicurezza EN847-1.

INTRODUCTION

The CENTERINOX production already called HIGH TECHNOLOGY will be now show on this new catalogue.

Our company offers a wide range of standard and special solution of any sector of wood manufacture and plastic materials, developed on demand of industry.

The utilization of new material development of new technology and customer demand, bring CENTERINOX to study a customized solution for each situation.

Our technical office formed by expert persons is ready to solve any kind of problem or just give simply suggestion.

We manufacture since 30 years and we are present in national and international market by dealer organization.

One of our strong point is the the mechanical fixing patent, who allow optimum processing and fast substitution of knives.

In our laboratory we test and check continually all the tools in order to obtain safe utilization ;all our production is made according the safe rule being force in Europe EN847-1 .

CENTERINOX is glad to offer to you this new instrument of work for choice a right product suitable for your need.

Sistema SecurBlock

I nostri utensili sono in costante sviluppo in modo da essere sempre in grado di soddisfare il cliente. E' fondamentale, in questo senso, la nostra presenza continua nel rapporto con i clienti e produttori di macchine, e la nostra ricerca costante per garantire il più alti livelli di tecnologia e precisione.

Sistema SecurBlock

Centerinox è lieta di presentare SecurBlock, un dispositivo straordinario e innovativo sviluppato nel nostro reparto di ricerca.

Questa geniale invenzione offre soluzioni efficaci per utensili che montano coltelli sagomati. L'innovativo sistema di posizionamento automatico dei coltelli, permette di ottenere un profilo costante e la massima qualità di finitura, migliorando il rapporto prezzo-prestazioni.

SecurBlock System

Our tools are in constant development in order to be always able to meet the customers growing requests.

It is fundamental, in this sense, our continuous presence in the relationship with customers and machinery manufacturers and our consistent research, that guarantee the highest level of technology and precision.

SecurBlock System

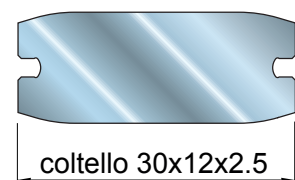
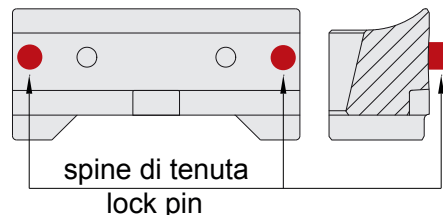
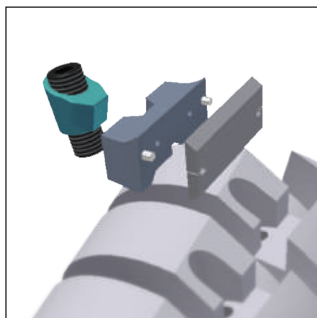
Centerinox is glad to present Secure Block an extraordinary and innovating device, developed in our research department.

This ingenious inventive offers efficient solutions for tools which mount shaped and already sharpened knives.

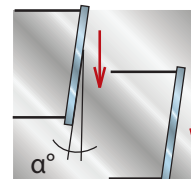
The innovating knives auto positioning system, allows to obtain a steady profile for the highest finish quality and a high price - performance - ratio.

TFM 105 - Secure Block

- Due spine che tengono il coltello
- Two spines which hold the knife
- Angolo assiale di taglio (α°) favorisce lo scarico del truciolo
- Cutting axial angle favors the swarf.
- Maggior finitura sul legno
- Higher wood finishing
- Coltello riaffilabile da 30x12x2.5
- Regrindable knife 30x12x2.5

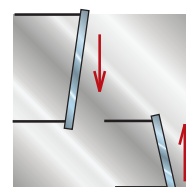
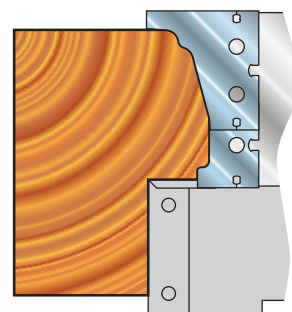


riaffilabile - resharppable



Axial sharing profile Z2+2

- Profilo diviso in due parti per ottenere performance di taglio e grado di finitura migliori.
- Profile divided in 2 parts to have excellent shear and grade of finishing
- Facilitazione scarico del truciolo
- Swarf facilitation
- Performance Z2+2 equal as Z4 tool
- Z2+2 Performance equal to a Z4
- Utilizzato per ogni tipo di legno soprattutto per legni duri.
- Use for soft and hard woods



Z2+2

Determinazione della velocità di avanzamento

How to determinate the feeding speed (U)

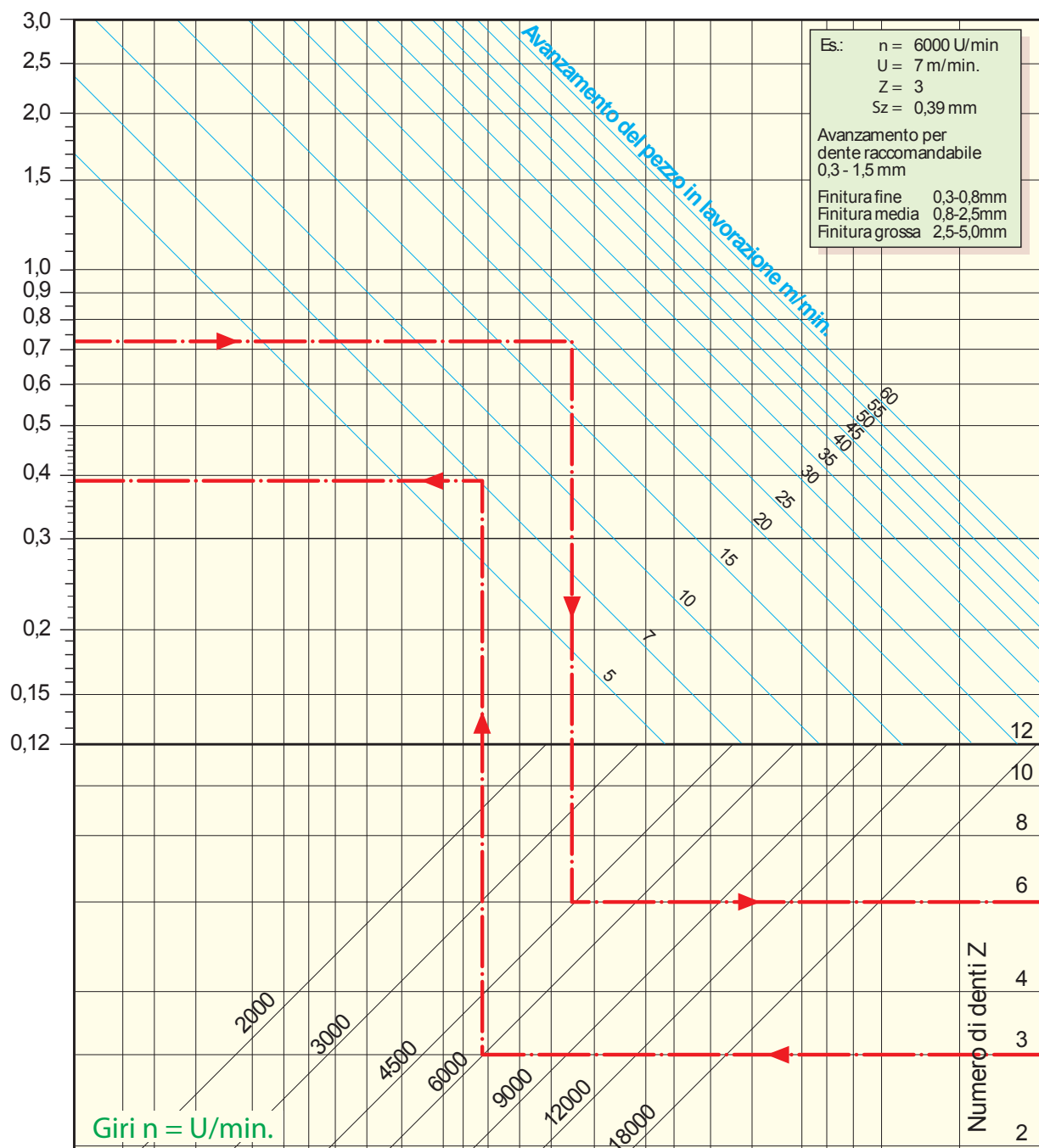
VELOCITA' DI AVANZAMENTO PER FRESE E TESTE

U = Velocità di avanzamento m/min.
 Sz = Avanzamento unitario per dente mm
 Z = Numero dei taglienti
 n = Numero giri al minuto

FEEDING SPEED FOR CUTTER AND CUTTERHEADS

U = Feeding speed m/min.
 Sz = Unitary feed for tooth mm
 Z = Number of teeth
 n = Number of revolution for min.

$$U = Sz \cdot Z \cdot n / 1000 \quad Sz = U \cdot 1000 / Z \cdot n$$



Determinazione della velocità periferica

How to determinate the peripheal cutting speed (V)

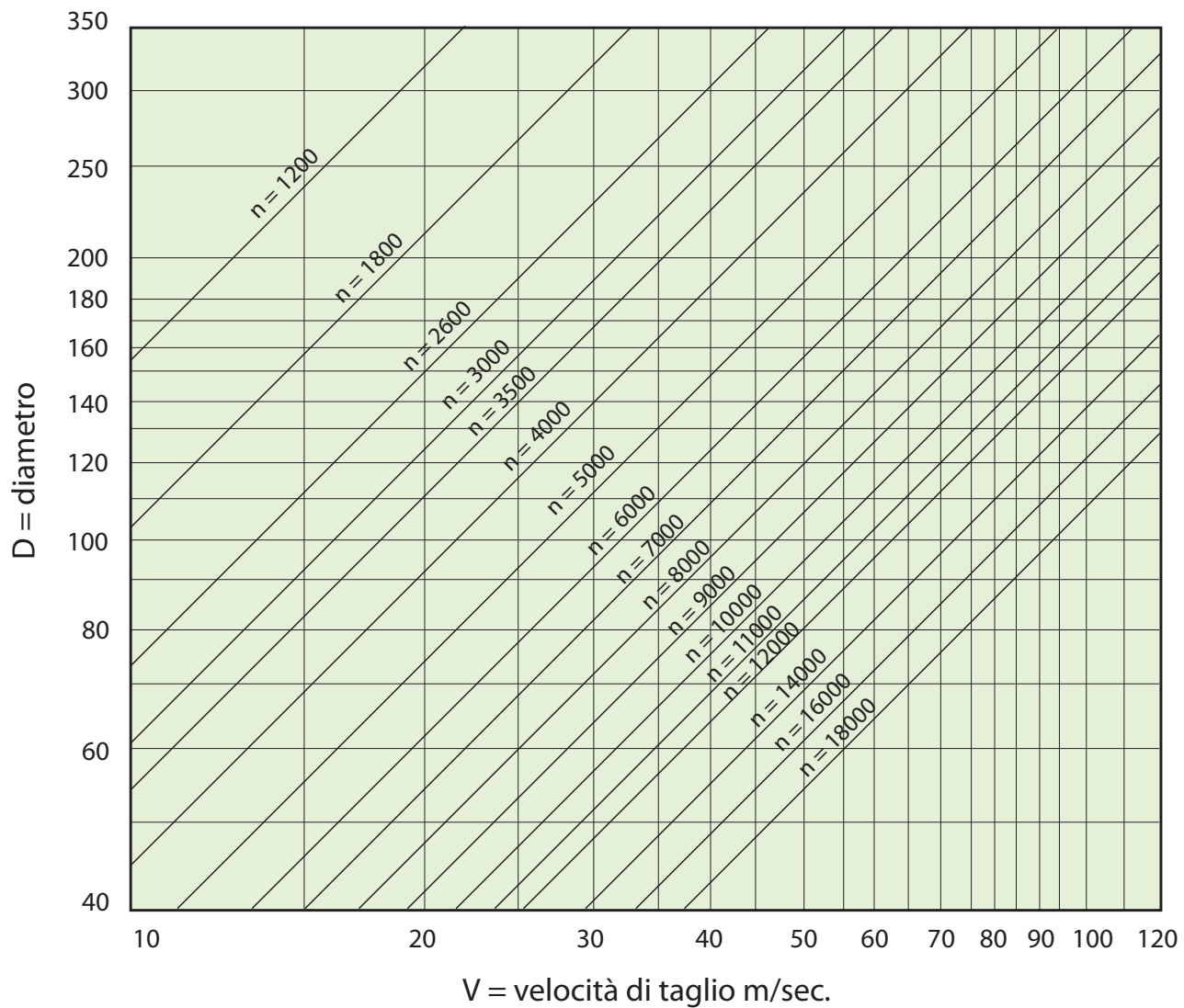
VELOCITA' DI TAGLIO

La velocità di taglio degli utensile dipende dal materiale da tagliare ed è dato dal numero dei giri della macchina al minuto e al diametro dell'utensile.
La velocità di taglio viene calcolata in base alla seguente formula

CUTTING SPEED

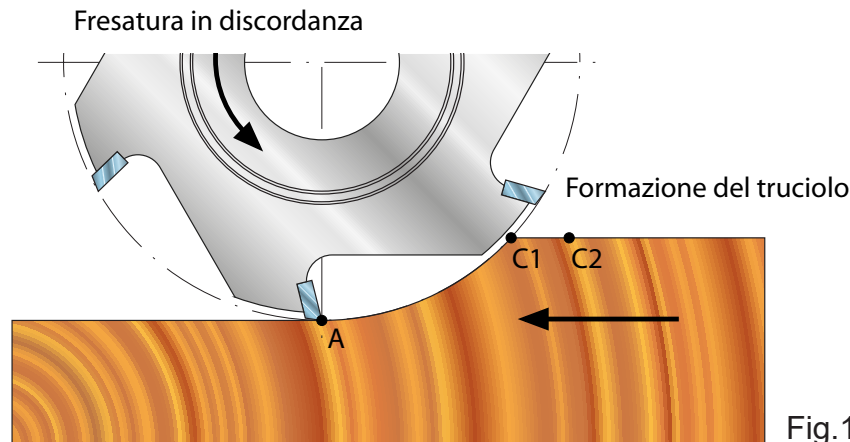
The cutting speed of the tools depentes on the materials to be cut and by the number of r.p.m. and the diameter of the tool.
The cutting speed is calculated on the basis of the following formula

$$V = d * \pi * n / 1000 * 60$$



Asportazione del truciolo

Removal of shaving



1. FRESATURA IN DISCORDANZA – Fig. 1

Per l'avanzamento manuale è ammessa soltanto la fresatura in discordanza. Il movimento di taglio dell'utensile e l'avanzamento del materiale da lavorare sono opposti. Si inizi con spessore del truciolo uguale a 0 (A). Il tagliente tocca prima il legno poi il truciolo diventa più stabile e più spesso (C1 - C2). La formazione del truciolo avviene con un procedimento di rottura e scheggiatura del legno, il cosiddetto preclivaggio.

Vantaggi

Con il preclivaggio si riduce la forza di taglio e la potenza, ottenendo una maggior durata. E' necessario avere un minor assorbimento di potenza.

Svantaggi

Se la vena ed il senso della scheggiatura sono irregolari, si può avere una superficie ruvida e una rottura delle fibre. Soprattutto nella lavorazione in centri a controllo CNC dove la direzione di avanzamento e quella delle fibre cambia continuamente, sono necessarie fresature speciali, per evitare angoli di taglio sconvenienti. Rompendo il truciolo davanti al tagliente si riduce il preclivaggio.

1. ROTATION AGAINST FEED DIRECTION – Fig. 1

For manual feed, only rotation contrary to the workpiece is allowed. The tool cutting direction and the feed of the material being machined are contrary to each other. Start with a zero shaving thickness at point (A). The tool first touches the wood, then the shavings become more stable and thicker (C1 - C2). Shavings are formed by the wood breaking down and chipping, otherwise known as pre-cleavage.

Advantages

With pre-cleavage the cutting force and power are reduced to obtain longer duration. A lower level of power absorption is necessary.

Disadvantages

If the grain and the direction of chipping are irregular, a rough surface and fibre breakdown can occur. Especially in the case of CNC work centres where the feed direction and fibre are constantly changing, special cuts are necessary in order to avoid awkward cutting angles. Breaking down the shavings in front of the tool reduces pre-cleavage.

Removal of shaving

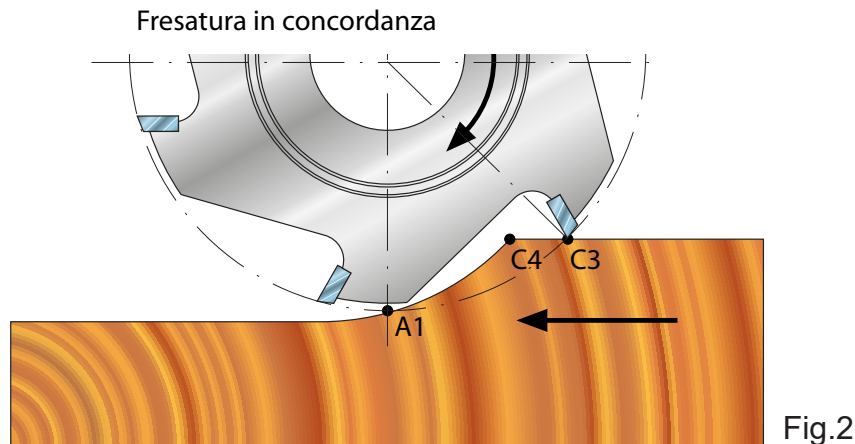


Fig.2

2. FRESATURA IN CONCORDANZA – Fig. 2

Solo per avanzamento meccanico, il movimento di taglio dell'utensile ed il senso di avanzamento del materiale da lavorare hanno la stessa direzione. Il tagliente crea nella sua curva un truciolo spesso (C3 - C4) che a fine curva si assottiglia fino a 0 (A1).

Il tagliente avanzando nel legno, crea un truciolo sempre più sottile e morbido, il pericolo di preclivaggio si riduce.

Vantaggi

Anche con venature irregolari si ottengono superfici di qualità

Svantaggi

A causa di un preclivaggio ridotto, il tagliente si consuma di più ed in fretta. In questi casi sono necessarie fresature speciali, rompendo il truciolo davanti al tagliente si reduce il preclivaggio.

2. ROTATION WITH THE FEED DIRECTION – Fig. 2

Only for mechanical feeds, the tool cutting direction and the feed of the material being machined are the same. The cutter creates a thick shaving along its curve (C3 - C4) which at the end of the curve thins out to zero point (A1).

The cutter creates an increasingly thinner and softer shaving as it runs through the wood, the danger of pre-cleavage is lessened.

Advantages

Quality surfaces are obtained even with irregular grains.

Disadvantages

Because of less pre-cleavage, the cutter wears more and more quickly. In these cases special cuts are needed, to breakdown the shavings in front of the cutter to reduce pre-cleavage.

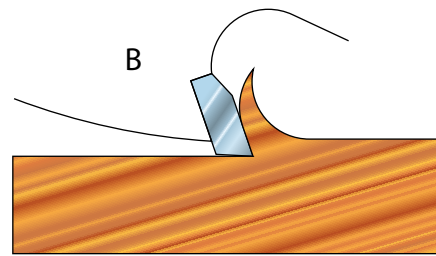
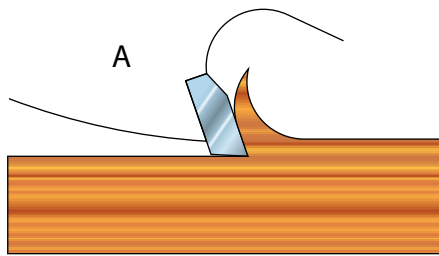


Fig.3

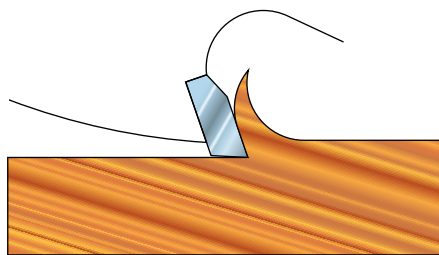


Fig.4

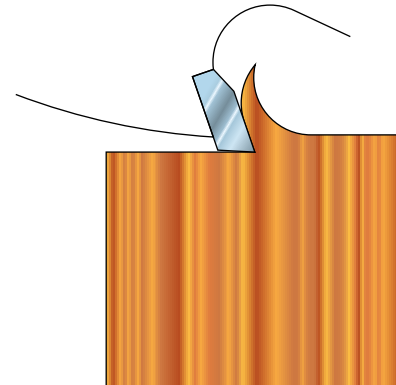


Fig.5

Fig.3 - Taglio lungo vena

- A. A favore della venatura : lavorazione facile, con buona qualità della superficie lavorata. Possibile un avanzamento veloce.
- B. Contro la venatura : lavorazione difficoltosa a causa di scheggiature. Questo tipo di lavorazione andrebbe evitata modificando, ad esempio, il senso di rotazione dell'utensile.

Fig.3 - Cutting with the grain

- A. *With the grain: easy conditions, with good quality of already machined surface. Fast feed is possible.*
- B. *Against the grain : hard conditions due to chipped surface. This type of machining should be avoided, in the most extreme cases by inverting the direction of tool rotation.*

Fig.4 - Taglio attraverso vena

Lavorazione facile e leggera possibile un avanzamento veloce con qualità della superficie lavorata leggermente ruvida.

Fig.4 - Cutting across the grain

Under easy and light conditions a fast feed rate is possible with a slightly rough quality of already machined surface.

Fig.5 - Taglio di testa

Lavorazione difficile che richiede una elevata forza di taglio e di conseguenza un avanzamento lento, con qualità della superficie lavorata leggermente ruvida a causa della rottura delle fibre.

Fig.5 - Cutting across the head

Difficult conditions which require considerable cutting force and consequently a slow feed, with a slightly rough already machined surface due to fibre

Safety

Gli utensili per la lavorazione del legno, se utilizzati in modo inopportuno, sono un rischio per l'incolumità dell'operatore, tanto più se si pensa all'elevato numero di giri di esercizio e alla presenza di parti molto taglienti.

La CENTERINOX è molto attenta a queste problematiche ed è per questo che mette l'alta tecnologia della quale dispone al servizio della sicurezza, utilizzando materiali qualificati e progettando i propri utensili sempre in conformità alle norme antinfortunistiche europee (EN847-1), contrassegnando gli utensili che produce con il proprio logo e la massima rotazione al minuto ammessa (rpm), la quale non deve essere mai superata, inoltre ne identificata l'appartenenza alle seguenti categorie :

- utensili per lavorazione con avanzamento manuale MAN (Fig. 6).
- utensili per la lavorazione con avanzamento meccanico MEC (Fig. 7)

Woodworking tools, if used improperly, can constitute a danger and risks to the operator, even more so because of the high number of revolutions and given the presence of many sharp parts.

CENTERINOX is very aware of such problems and for this reason puts its high technology to the service of safety, using suitable materials and constantly striving for the best, always designing its tools to conform to European safety norms (EN847-1).

Mark all tools in an indeleble way whit the company logo type and the maximum tool's rotation speed per minute (rpm), allowed that should never be exceded. Which identifies to which category each tool belongs :

- tools to be used with manual feed system MAN (Fig. 6).
- tools to be used with mechanical feed system MEC (Fig. 7)

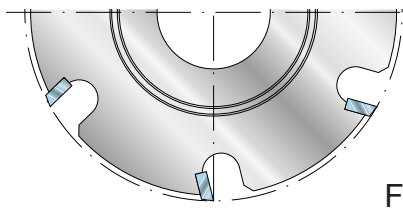


Fig.6



- spessore truciolo limitato al massimo a 1,1mm
- possibilmente forma circolare
- apertura per truciolo limitata

- limited chips thickness to a maximum of 1,1mm
- if possible it has a circular shape
- limited cutter projection

- indica che l'utensile può essere utilizzato solo per lavorazioni con avanzamenti meccanici

- that means the tool can be used exclusively on mechanical feed operation

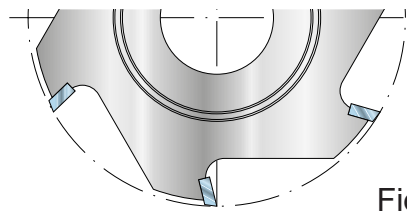
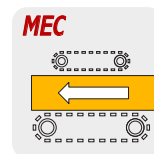


Fig.7



Manutenzione degli utensili e Raccomandazioni

Tool Maintenance and Advice

- I taglienti sono soggetti al deposito di resine, colle, polvere che ne alterano durata e qualità. Per questo motivo devono essere mantenuti sempre puliti.
 - E' necessario mantenere pulito anche il corpo fresa per dare libero sfogo al truciolo utilizzando solventi adeguati al tipo di materiale di cui è costituito.
 - Assicurarsi che gli assi e i piani di attacco della macchina siano in tolleranza.
 - Verificare sempre che il senso di rotazione macchina-utensile sia corretto.
 - Non superare mai i limiti del numero di giri indicati sull'utensile.
 - Verificare il bloccaggio di tutte le eventuali parti mobili dell'utensile.
 - Utilizzare solo ricambi originali Centerinox.
 - Non manomettere gli utensili per impieghi
-
- *Teeth are subject to deposits of resin, glue and dust which affect their wear and quality. They must therefore be kept clean at all times.*
 - *The body of the cutter must also be kept clean to allow shavings to detach properly, have to be used the correct cleaners.*
 - *Make sure that the machine tables and axes are gauged correctly.*
 - *Always make sure the machine-tool rotational direction is correct.*
 - *Never exceed the rpm limit stamped on the tool.*
 - *Make sure any moving parts of the tool are locked.*
 - *Only use original Centerinox spare parts.*
 - *Never tamper with the tools for personal use, or with blunt instruments.*

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Testa per incastri e battute
Cutterhead for rebates and grooves

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Testa per battute e contornature regolabili
Cutterhead for rebates with adjustable inserts

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Testa ad inclinazione regolabile per battute e smussi
Adjustable cutterhead for rebates and bevels

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Testa ad inclinazione regolabile per battute e smussi
Adjustable cutterhead for rebates and bevels

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Testa per contornare a taglio assiale
Border cutterhead with shear cutting angle

TFM6A
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Testa multifunzione regolabile
Multifunction adjustable cutterhead

TFM7A
pag.9



Set di teste regolabili per contornare
Adjustable cutterheads set for contours

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Set di teste regolabili per contornare
Adjustable cutterheads set for contours

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Set di teste regolabili per contornare
Adjustable cutterheads set for contours

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Testa con inserti levaspigoli
Cutterhead with edge-breakers

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Testa per smussi a 45°
45° bevel cutterhead

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Testa prismatica per battute
Bevelled cutterhead

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Testa per smussi a 45° con coltelli reversibili
45° bevel cutterhead with reversible knives

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Testa per battute con incisori 14x14x2 a 45° regolabili
Cutterhead for rebates with adjustable spur on 45°

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Serie di anelli copiatori in alluminio con cuscinetti a sfere
Set of aluminium copiers with bearings

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Rullo carteggiatore per Toupie
Toupie sanding drum

TFM17A
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Testa per smerigliare
Cutterhead for grinding

TFM18A
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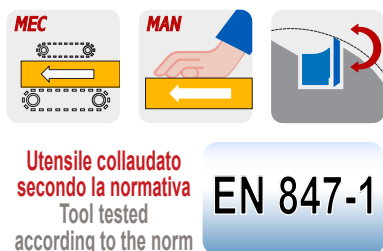
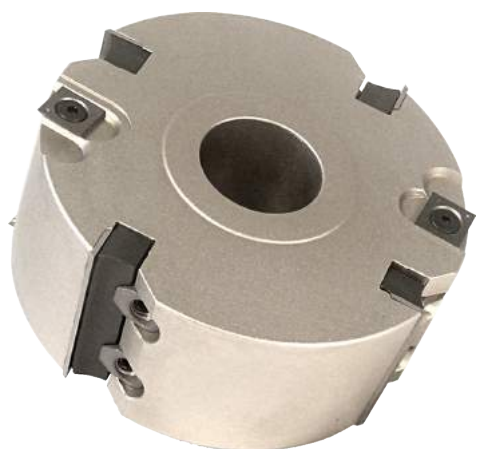
Testa portabicchierini per tornio copiativo - corpo in acciaio
Cutter Holder for copying lathes - steel body

TFM19A
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TFM1A

Testa per incastri e battute

Cutterhead for rebates and grooves

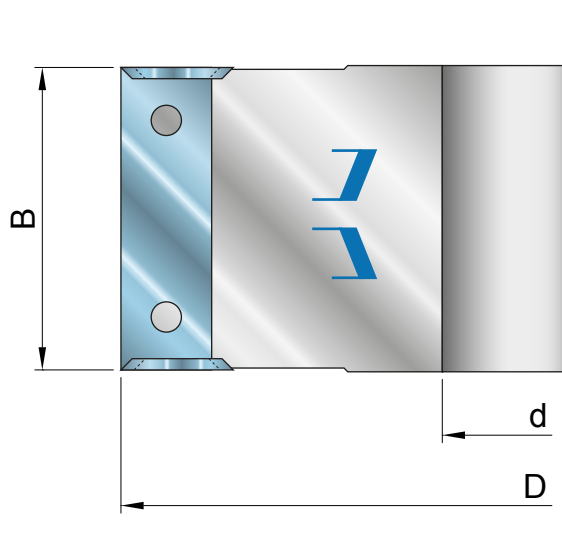
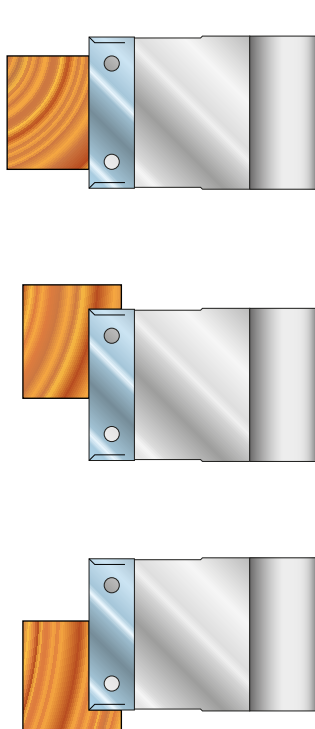


CODICE CODE	D mm	B mm	d* mm	Z	V
TFM1A.001	125	30	35 (40)	4	4
TFM1A.002	125	50	35 (40)	4	4
TFM1A.003	140	30	35 (50)	4	4
TFM1A.004	140	50	35 (50)	4	4

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRS6	VITE / SCREW	M5X7	
RSN2	RASANTE / SPUR	14X14X2	
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T29SB	CUNEO / WEDGE	29mm	
T49SB	CUNEO / WEDGE	49mm	
012L30	COLTELLO / KNIFE	30X12X1.5	
012L50	COLTELLO / KNIFE	50X12X1.5	



TFM2A

Testa per battute e contornature regolabili

Cutterhead for rebates with adjustable inserts



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	B mm	d* mm	Z	V	LS
TFM2A.001	130	60	35 (50)	4	4	4

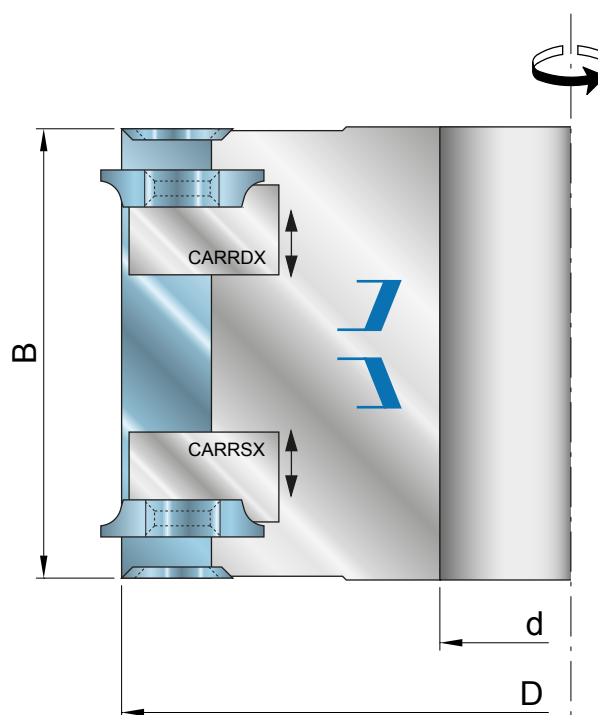
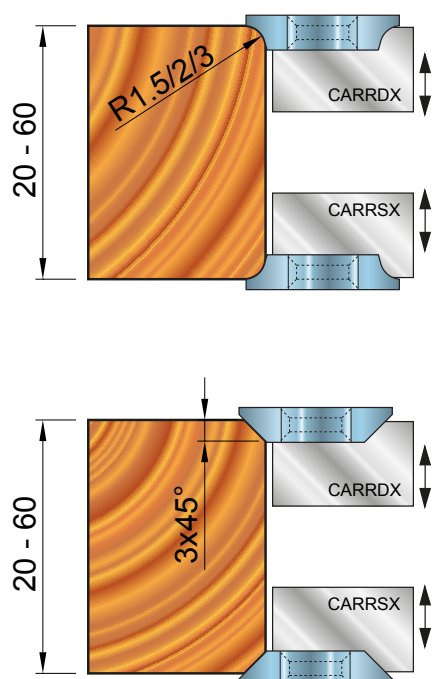
Indicare il tipo di inserto : SPG1 (45°) o RGT1 (R1.5) RGT2 (R2) RGT3 (R3)

Indicate the insert type : SPG1 (45°) o RGT1 (R1.5) RGT2 (R2) RGT3 (R3)

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRS6	VITE / SCREW	M5X7	
RSN2	RASANTE / SPUR	14X14X2	
TOR1346	VITE / SCREW	M6X14	
RGTR1/2/3	RAGGIATORE / RADIUS INSERT	R1.5 - R2 - R3	
SPIG1	SPIGOLATORE/BEVELLING INS.	45°	
GRN1	VITE / SCREW	M5X10	
CARRDX	SUPPORTO MOBILE	MOBILE SUPPORT	
CARRSX	SUPPORTO MOBILE	MOBILE SUPPORT	
GRN1DX-SX	VITE / SCREW	M8 - M6	
OGV1SB	OGIVA / NUT	M8	
T59SB	CUNEO / WEDGE	59mm	
012L60	COLTELLO / KNIFE	60X12X1.5	



TFM3A

Testa per battute e smussi regolabili

Adjustable bevel cutterhead



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

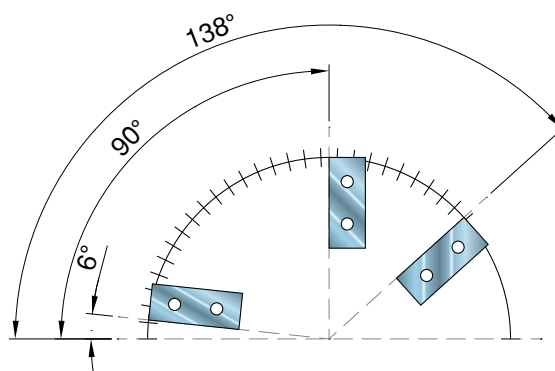
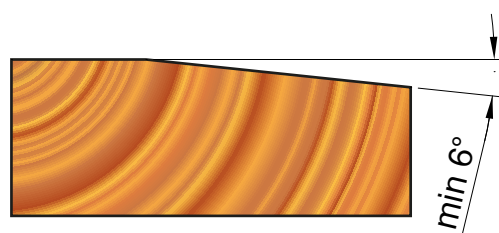
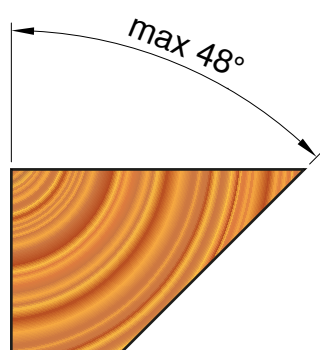
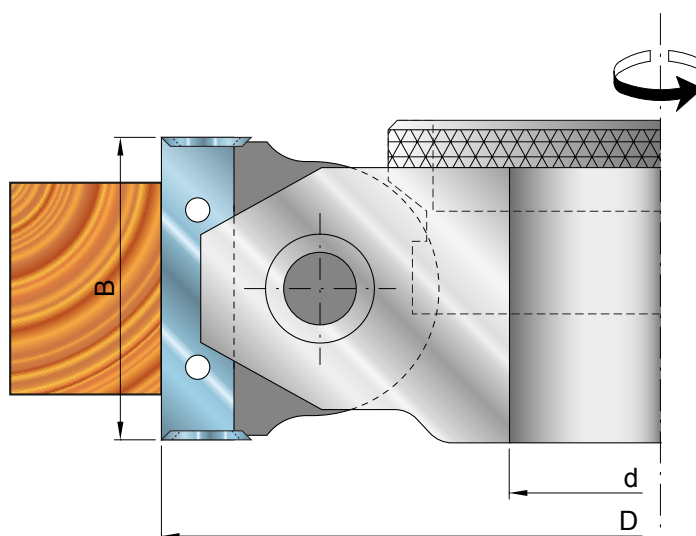
EN 847-1

CODICE CODE	D mm	B mm	d* mm	Z	V
TFM3A.001	165	50	35 (50)	2	4

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

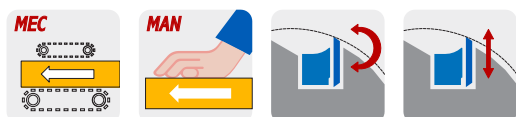
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
VRS6	VITE / SCREW	M5X7 
RSN2	RASANTE / SPUR	14X14X2 
GRN3	VITE / SCREW	M8X12 
LRTR01	CUNEO / WEDGE	49mm 
012L50	COLTELLO / KNIFE	50X12X1.5 



TFM4A

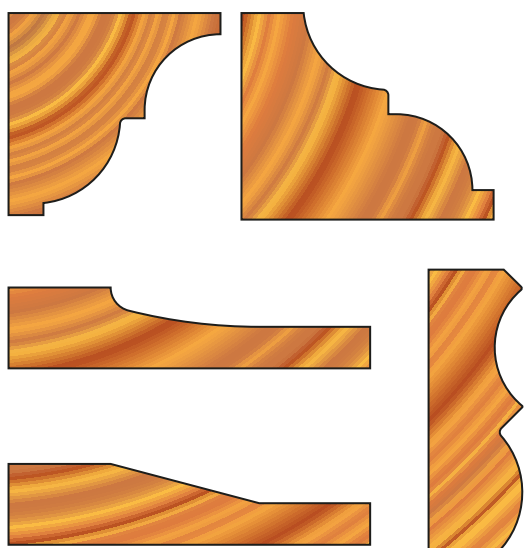
Testa per battute e smussi regolabili

Adjustable bevel cutterhead



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

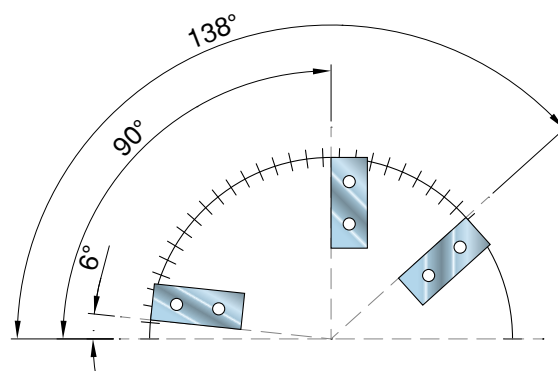
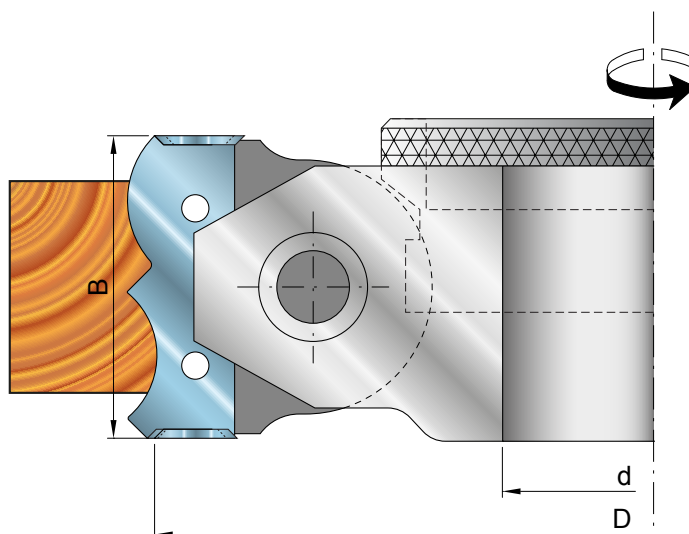


CODICE CODE	D mm	B mm	d* mm	Z	V
TFM4A.001	165	50	35 (50)	2	4

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

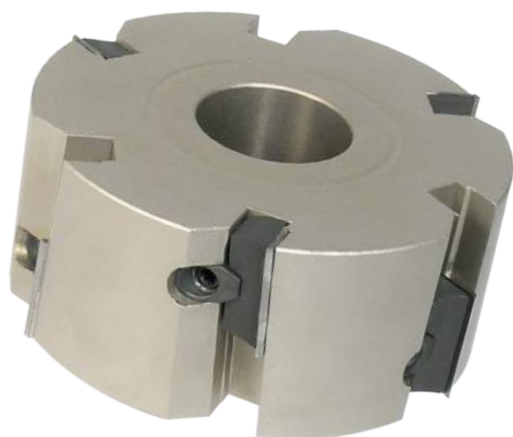
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRS6	VITE / SCREW	M5X7	
RSN2	RASANTE / SPUR	14X14X2	
GRN3	VITE / SCREW	M8X12	
LRTR01	CUNEO / WEDGE	49mm	
CLT4A/A (012L50)	COLTELLO / KNIFE	Profilo A 50x12x1.5	
CLT4A/B	COLTELLO / KNIFE	Profilo B	
CLT4A/C	COLTELLO / KNIFE	Profilo C	
CLT4A/D	COLTELLO / KNIFE	Profilo D	



TFM6A

Testa per contornare a taglio assiale

Border cutterhead with shear cutting angle



CODICE CODE	D mm	B mm	d* mm	Z
TFM6A.001	125	56	35 (40)	2+2
TFM6A.002	125	56	35 (40)	3+3
TFM6A.003	150	56	35 (50)	2+2
TFM6A.004	150	56	35 (50)	3+3
TFM6A.005	180	56	35 (50)	3+3

* La quota tra parentesi è la massima allargatura foro possibile

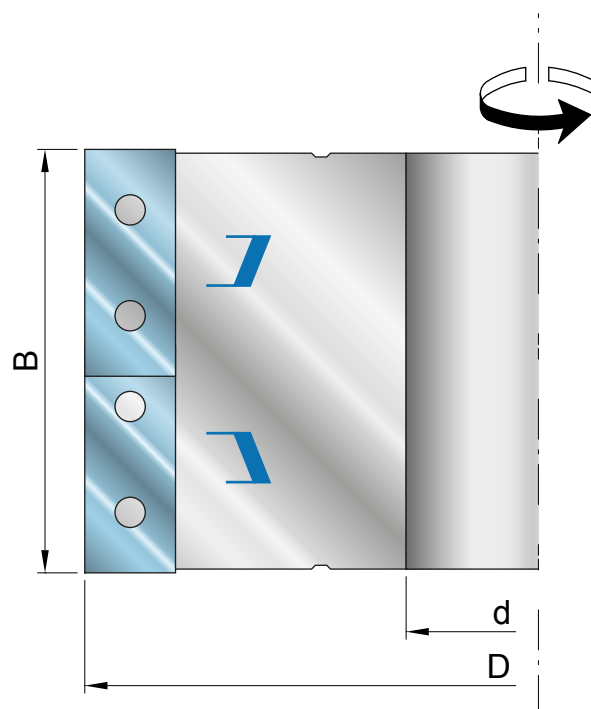
* The maximum inner hole size it is shown between the brackets

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T29SB	CUNEO / WEDGE	29mm	
012L30	COLTELLO / KNIFE	30X12X1.5	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TFM7A

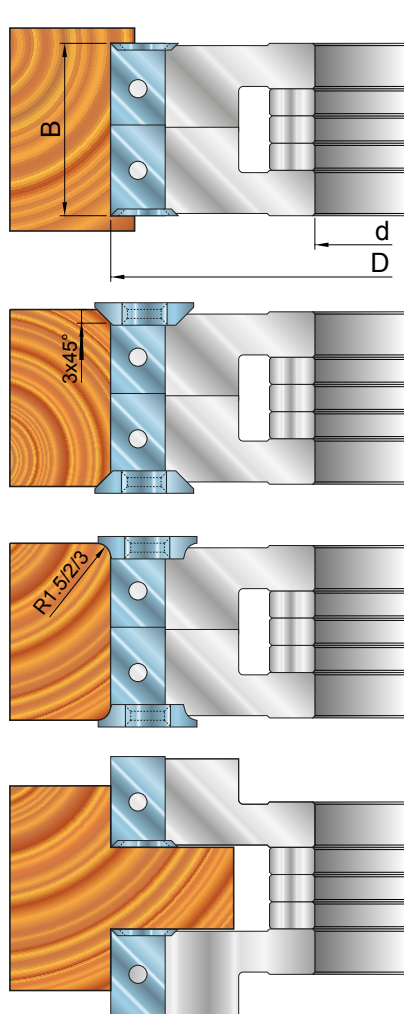
Testa multifunzione regolabile con anelli

Multifunction adjustable cutterhead with rings



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



CODICE CODE	D mm	B mm	d* mm	Z	V	LS
TFM7A.001	160	8÷16	35 (50)	4	4	4
TFM7A.002	200	8÷16	35 (50)	4	4	4
TFM7A.003	160	12÷24	35 (50)	4	4	4
TFM7A.004	200	12÷24	35 (50)	4	4	4
TFM7A.005	160	15÷30	35 (50)	4	4	4
TFM7A.006	200	15÷30	35 (50)	4	4	4
TFM7A.007	160	20÷40	35 (50)	4	4	4
TFM7A.008	200	20÷40	35 (50)	4	4	4
TFM7A.009	160	30÷60	35 (50)	4	4	4
TFM7A.010	200	30÷60	35 (50)	4	4	4

Indicare il tipo di inserto : SPG1 (45°) o RGT1 (R1.5) RGT2 (R2) RGT3 (R3)

Indicate the insert type : SPG1 (45°) o RGT1 (R1.5) RGT2 (R2) RGT3 (R3)

* La quota tra parentesi è la massima allargatura foro possibile

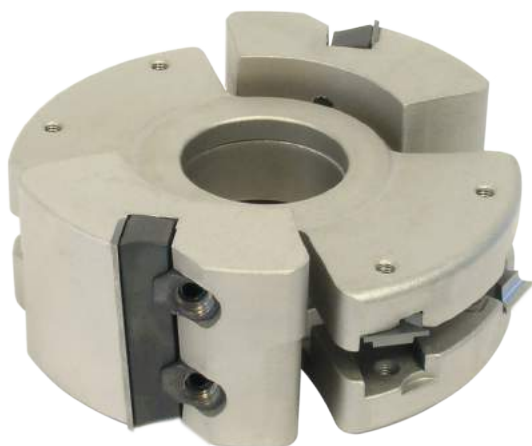
* The maximum inner hole size it is shown between the brackets

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
VRS6	VITE / SCREW	M5X7
RSN2	RASANTE / SPUR	14X14X2
VINS3	VITE / SCREW	M5X10
TOR1346	VITE / SCREW	M6X14
RGTR1/2/3	RAGGIATORE / RADIUS INSERT	R1.5 - R2 - R3
SPIG1	SPIGOLATORE/BEVELLING INS.	45°
GRN2DX-SX	VITE / SCREW	M6XM6X19
LR.1	CUNEO / WEDGE	7.3mm
LR.2 DX	CUNEO / WEDGE	10.8mm
LR.2 SX	CUNEO / WEDGE	10.8mm
GRN1DX-SX	VITE / SCREW	M8-M6
OGV1SB	OGIVA / NUT	M8
T14SB	CUNEO / WEDGE	14mm
T19SB	CUNEO / WEDGE	19mm
T29SB	CUNEO / WEDGE	29mm
VINS2	VITE / SCREW	M5X8
012L76	COLTELLO / KNIFE	7.5X12X1.5
012L12	COLTELLO / KNIFE	12X12X1.5
012L15	COLTELLO / KNIFE	15X12X1.5
012L20	COLTELLO / KNIFE	20X12X1.5
012L30	COLTELLO / KNIFE	30X12X1.5

TFM8A

Set di teste regolabili per contornare con anelli

Adjustable cutterheads set for contours with rings



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	B mm	d* mm	Z	LS
TFM8A.001	125	50	35 (40)	2	2 + 2

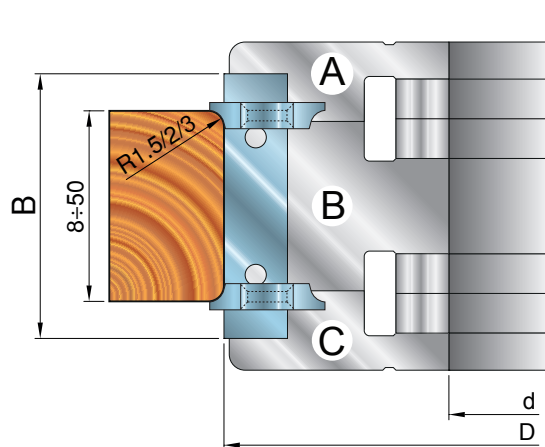
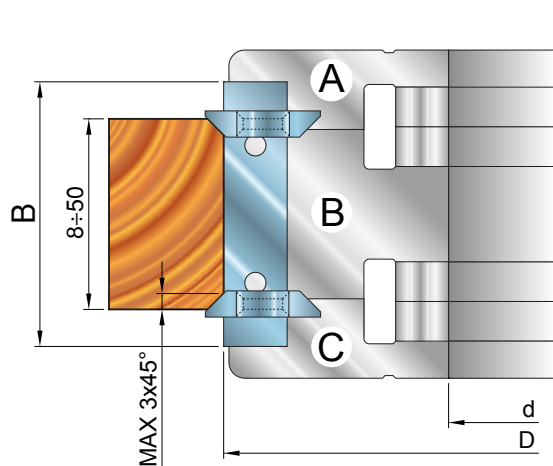
Indicare il tipo di inserto : SPG1 (45°) o RGT1 (R1.5) RGT2 (R2) RGT3 (R3)

Indicate the insert type : SPG1 (45°) o RGT1 (R1.5) RGT2 (R2) RGT3 (R3)

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

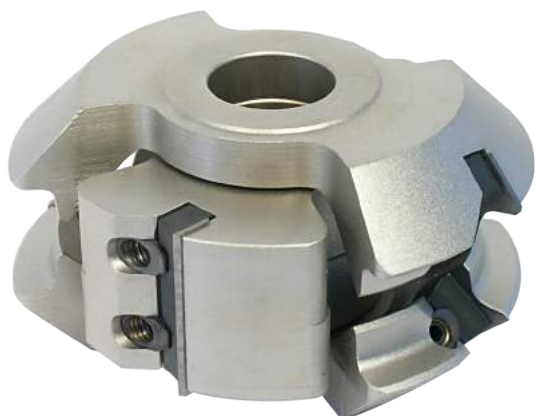
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			RIF
TOR1346	VITE / SCREW	M6X14		A-C
RGTR1/2/3	RAGGIATORE / RADIUS INSERT	R1.5 - R2 - R3		A-C
SPIG1	SPIGOLATORE/BEVELLING INS.	45°		A-C
GRN1DX-SX	VITE / SCREW	M8-M6		B
OGV1SB	OGIVA / NUT	M8		B
T49SB	CUNEO / WEDGE	49mm		B
012L50	COLTELLO / KNIFE	50X12X1.5		B



TFM9A

Set di teste regolabili per contornare con anelli

Adjustable cutterheads set for contours with rings



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

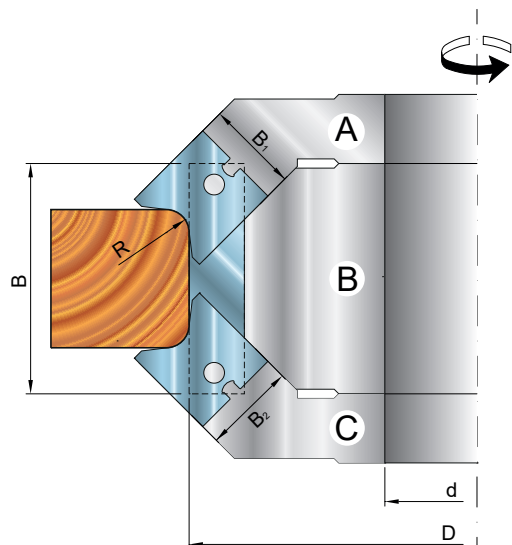
CODICE CODE	D mm	B mm	d* mm	Z	R	RIF.
TFM9A.001	125	30	35 (40)	2		B
TFM9A.002	125	50	35 (40)	2		B
TFM9A.003	180	30	35 (50)	3		B
TFM9A.004	180	50	35 (50)	3		B
TFM9A.005	125	20	35 (40)	2	2/3/4	A
TFM9A.006	125	20	35 (40)	2	5/6/7/8	A
TFM9A.007	125	25	35 (40)	2	9/10/11/12	A
TFM9A.008	180	20	35 (50)	3	2/3/4	A
TFM9A.009	180	20	35 (50)	3	5/6/7/8	A
TFM9A.010	180	25	35 (50)	3	9/10/11/12	A
TFM9A.011	125	20	35 (40)	2	2/3/4	C
TFM9A.012	125	20	35 (40)	2	5/6/7/8	C
TFM9A.013	125	25	35 (40)	2	9/10/11/12	C
TFM9A.014	180	20	35 (50)	3	2/3/4	C
TFM9A.015	180	20	35 (50)	3	5/6/7/8	C
TFM9A.016	180	25	35 (50)	3	9/10/11/12	C

Indicare il codice del coltello sagomato da montare

Provide the code of knife shaped to fit

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets



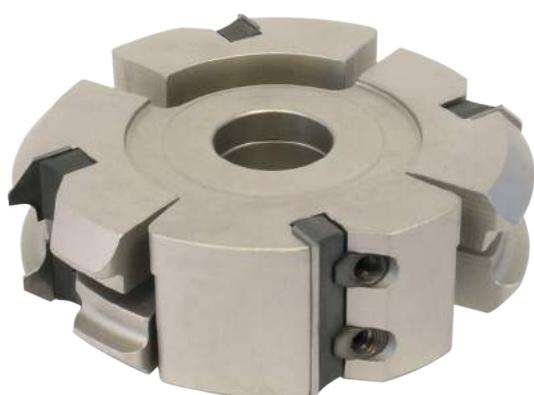
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			RIF.
GRN1DX-SX	VITE / SCREW	M8-M6		A-B-C
OGV1SB	OGIVA / NUT	M8		A-B-C
T19SB	CUNEO / WEDGE	19mm		A-C
T24SB	CUNEO / WEDGE	24mm		A-C
T29SB	CUNEO / WEDGE	29mm		B
T49SB	CUNEO / WEDGE	49mm		B
012L30	COLTELLO / KNIFE	30X12X1.5		B
012L50	COLTELLO / KNIFE	50X12X1.5		B

CODICE CODE	COLTELLO KNIFE	R	CODICE CODE	COLTELLO KNIFE	R	CODICE CODE	COLTELLO KNIFE	R	CODICE CODE	COLTELLO KNIFE	R
CLT9A/2 20X20X2		2	CLT9A/5 20X20X2		5	CLT9A/8 20X20X2		8	CLT9A/11 25X20X2		11
CLT9A/3 20X20X2		3	CLT9A/6 20X20X2		6	CLT9A/9 25X20X2		9	CLT9A/12 25X20X2		12
CLT9A/4 20X20X2		4	CLT9A/7 20X20X2		7	CLT9A/10 25X20X2		10			

TFM10A

Set di teste regolabili per contornare con anelli

Adjustable cutterheads set for contours with rings



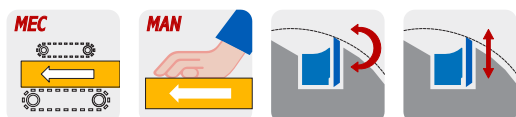
CODICE CODE	D mm	B mm	d* mm	Z	R	RIF
TFM10A.001	100	30	30 (35)	2		B
TFM10A.002	100	50	30 (35)	2		B
TFM10A.003	140	30	35 (40)	2		B
TFM10A.004	140	50	35 (40)	2		B
TFM10A.005	116	20	30 (35)	2	2/3/4/5/6/7/8	A
TFM10A.006	116	20	30 (35)	2	2/3/4/5/6/7/8	C
TFM10A.007	154	20	35 (40)	2	2/3/4/5/6/7/8	A
TFM10A.008	154	20	35 (40)	2	2/3/4/5/6/7/8	C

In fase di ordine, indicare il codice dei coltelli sagomati da montare

When ordering, indicate the code of knives to fit

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

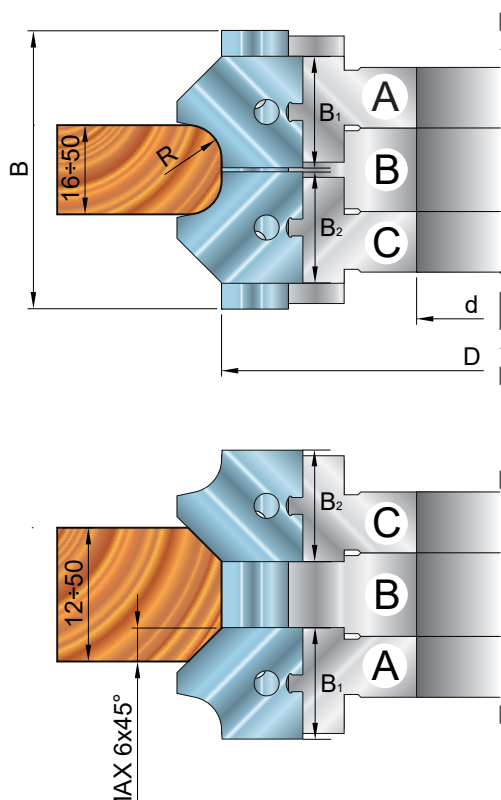


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		RIF
GRN1DX-SX	VITE / SCREW	M8-M6	A-B-C
OGV1SB	OGIVA / NUT	M8	A-B-C
T19SB	CUNEO / WEDGE	19mm	A-C
T29SB	CUNEO / WEDGE	29mm	B
T49SB	CUNEO / WEDGE	49mm	B
012L30	COLTELLO / KNIFE	30X12X1.5	B
012L50	COLTELLO / KNIFE	50X12X1.5	B

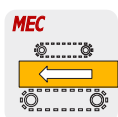
CODICE CODE	COLTELLO KNIFE	R	CODICE CODE	COLTELLO KNIFE	R
CLT10A/2A 20X20X2		2	CLT10A/2C 20X20X2		2
CLT10A/3A 20X20X2		3	CLT10A/3C 20X20X2		3
CLT10A/4A 20X20X2		4	CLT10A/4C 20X20X2		4
CLT10A/5A 20X20X2		5	CLT10A/5C 20X20X2		5
CLT10A/6A 20X20X2		6	CLT10A/6C 20X20X2		6
CLT10A/7A 20X20X2		7	CLT10A/7C 20X20X2		7
CLT10A/8A 20X20X2		8	CLT10A/8C 20X20X2		8



TFM11A

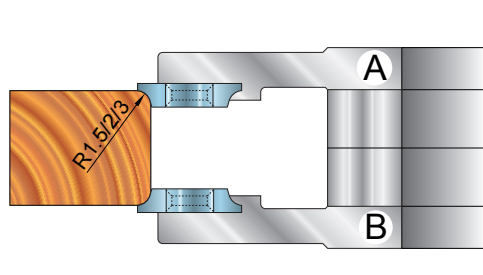
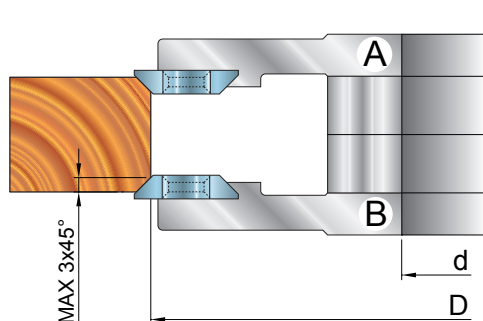
Testa con inserti levaspigoli

Cutterhead with edge-breakers



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



CODICE CODE	D mm	B mm	d* mm	LS	RIF.
TFM11A.001	130	20	35 (50)	2	B
TFM11A.002	130	20	35 (50)	2	A
TFM11A.003	180	20	35 (50)	2	B
TFM11A.004	180	20	35 (50)	2	A
TFM11A.005	210	20	35 (50)	2	B
TFM11A.006	210	20	35 (50)	2	A
TFM11A.007	250	20	35 (50)	2	B
TFM11A.008	250	20	35 (50)	2	A
TFM11A.009	300	20	35 (50)	2	B
TFM11A.010	300	20	35 (50)	2	A
TFM11A.011	130	20	35 (50)	3	B
TFM11A.012	130	20	35 (50)	3	A
TFM11A.013	180	20	35 (50)	3	B
TFM11A.014	180	20	35 (50)	3	A
TFM11A.015	210	20	35 (50)	3	B
TFM11A.016	210	20	35 (50)	3	A
TFM11A.017	250	20	35 (50)	3	B
TFM11A.018	250	20	35 (50)	3	A
TFM11A.019	300	20	35 (50)	3	B
TFM11A.020	300	20	35 (50)	3	A
TFM11A.021	130	20	35 (50)	4	B
TFM11A.022	130	20	35 (50)	4	A
TFM11A.023	180	20	35 (50)	4	B
TFM11A.024	180	20	35 (50)	4	A
TFM11A.025	210	20	35 (50)	4	B
TFM11A.026	210	20	35 (50)	4	A
TFM11A.027	250	20	35 (50)	4	B
TFM11A.028	250	20	35 (50)	4	A
TFM11A.029	300	20	35 (50)	4	B
TFM11A.030	300	20	35 (50)	4	A

Indicare il tipo di inserto : SPG1 (45°) o RGT1 (R1.5) RGT2 (R2) RGT3 (R3)

Indicate the insert type : SPG1 (45°) o RGT1 (R1.5) RGT2 (R2) RGT3 (R3)

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

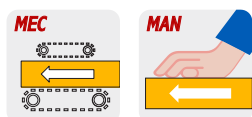
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
VINS3	VITE / SCREW	M5X10
RGTR1/2/3	RAGGIATORE / RADIUS INSERT	R1.5 - R2 - R3
SPIG1	SPIGOLATORE/BEVELLING INS.	45°



TFM12A

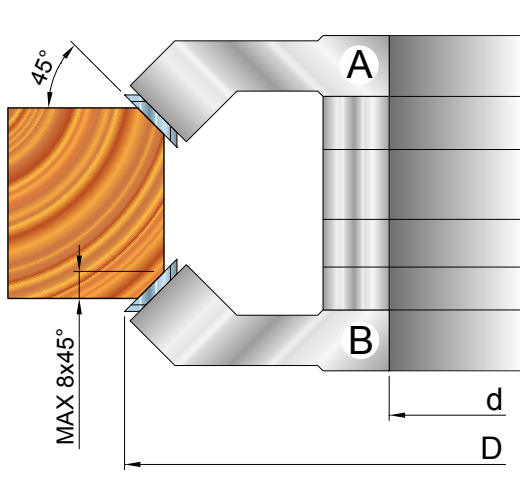
Testa per smussi a 45°

45° bevels cutterhead



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



CODICE CODE	D mm	d* mm	V	RIF
TFM12A.001	120	35 (50)	2	B
TFM12A.002	120	35 (50)	2	A
TFM12A.003	150	35 (50)	2	B
TFM12A.004	150	35 (50)	2	A
TFM12A.005	200	35 (50)	2	B
TFM12A.006	200	35 (50)	2	A
TFM12A.007	250	35 (50)	2	B
TFM12A.008	250	35 (50)	2	A
TFM12A.009	120	35 (50)	3	B
TFM12A.010	120	35 (50)	3	A
TFM12A.011	150	35 (50)	3	B
TFM12A.012	150	35 (50)	3	A
TFM12A.013	200	35 (50)	3	B
TFM12A.014	200	35 (50)	3	A
TFM12A.015	250	35 (50)	3	B
TFM12A.016	250	35 (50)	3	A
TFM12A.017	120	35 (50)	4	B
TFM12A.018	120	35 (50)	4	A
TFM12A.019	150	35 (50)	4	B
TFM12A.020	150	35 (50)	4	A
TFM12A.021	200	35 (50)	4	B
TFM12A.022	200	35 (50)	4	A
TFM12A.023	250	35 (50)	4	B
TFM12A.024	250	35 (50)	4	A

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRS6	VITE / SCREW	M5X7	
RSN2	RASANTE / SPUR	14X14X2	

TFM13A

Testa prismatica per battute

Bevelled cutterhead



CODICE CODE	D mm	B mm	d* mm	Z	T
TFM13A.001	160	40	35 (40)	3+3	20
TFM13A.002	180	40	35 (50)	3+3	20
TFM13A.003	200	40	35 (50)	3+3	20
TFM13A.004	160	70	35 (40)	3+3	35
TFM13A.005	180	70	35 (50)	3+3	35
TFM13A.006	200	70	35 (50)	3+3	35

* La quota tra parentesi è la massima allargatura foro possibile

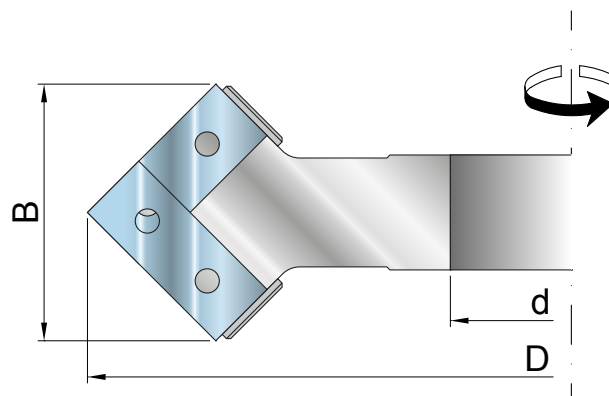
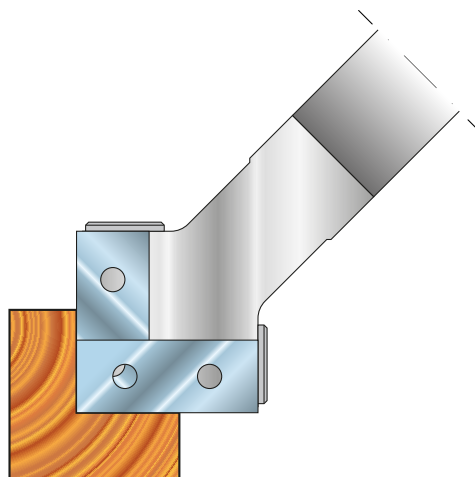
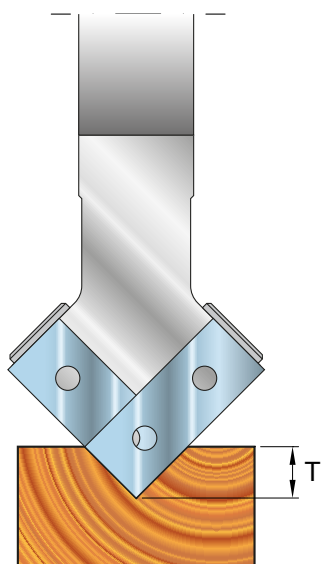
* The maximum inner hole size it is shown between the brackets



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
VRB1	VITE / SCREW	M5X5	
T29SB	CUNEO / WEDGE	29mm	
T49SB	CUNEO / WEDGE	49mm	
012L30	COLTELLO / KNIFE	30X12X1.5	
012L50	COLTELLO / KNIFE	50X12X1.5	



TFM14A

Testa per smussi a 45° con coltelli reversibili

45° bevels cutterhead with reversible knives



CODICE CODE	D mm	B mm	d* mm	Z
TFM14A.001	150	50	35 (40)	3

* La quota tra parentesi è la massima allargatura foro possibile

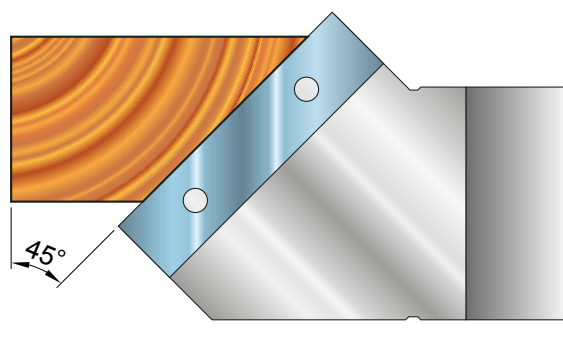
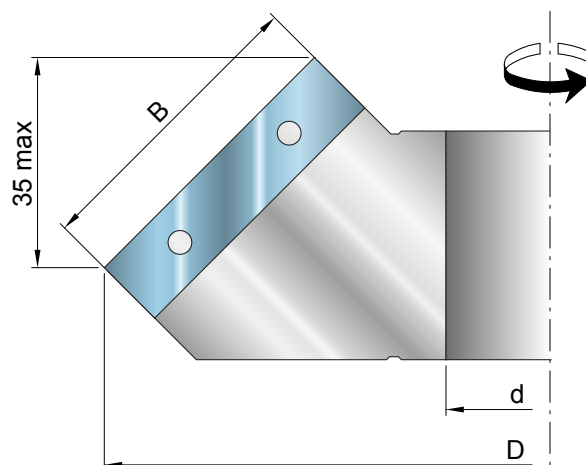
* The maximum inner hole size it is shown between the brackets

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T49SB	CUNEO / WEDGE	49mm	
012L50	COLTELLO / KNIFE	50X12X1.5	

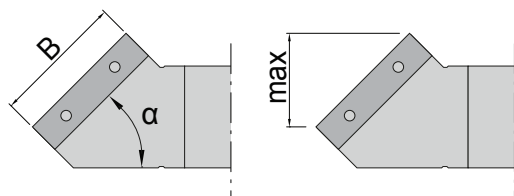


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



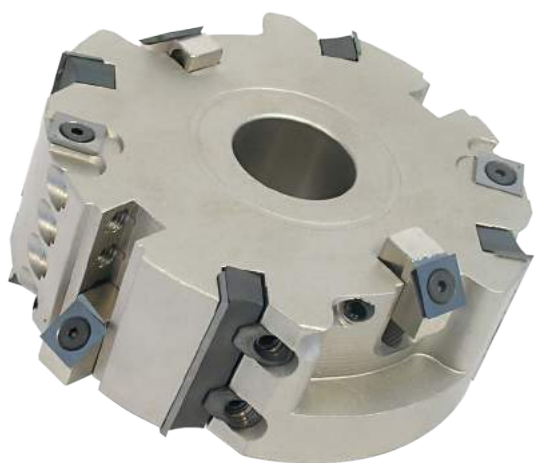
Calcolo dell'utile di taglio per frese inclinate :
max = B x sin α (es. 50 x sin45° = 35.35mm)



TFM15A

Testa per battute con incisori 14x14x2 a 45° regolabili

Cutterhead for rebates with adjustable spur on 45°



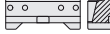
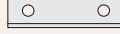
Utensile collaudato
secondo la normativa
Tool tested
according to the norm

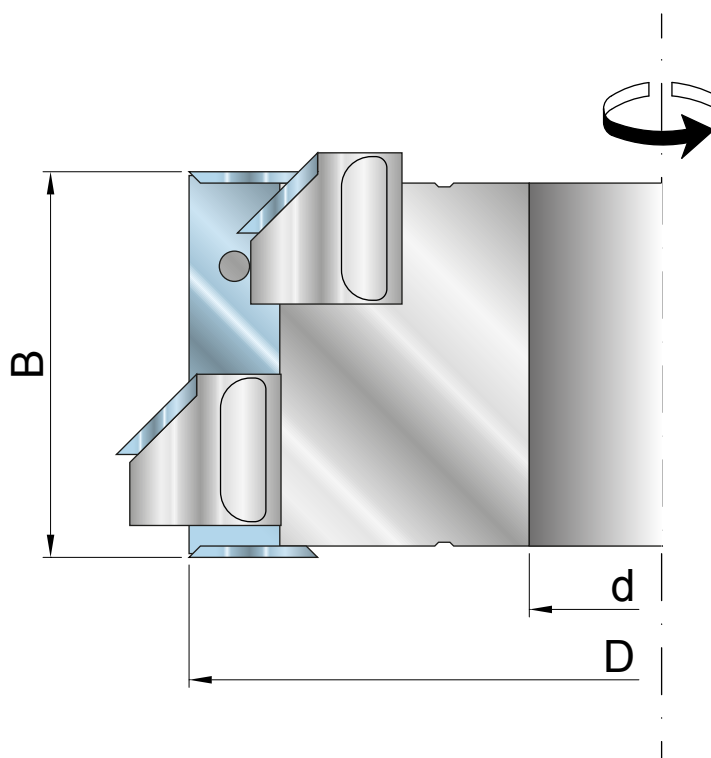
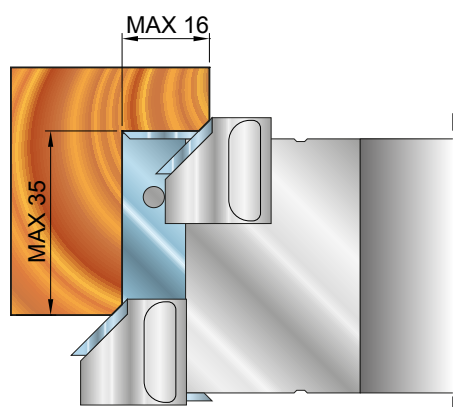
EN 847-1

CODICE CODE	D mm	B mm	d* mm	Z	V	V45°
TFM15A.001	125	50	35 (40)	4	4	4
TFM15A.002	140	50	35 (40)	4	4	4
TFM15A.003	180	50	35 (50)	4	4	4

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
VRS6	VITE / SCREW	M5X7 
RSN2	RASANTE / SPUR	14X14X2 
GRN3	VITE / SCREW	M8X12 
CARR1DX	SUPPORTOMOBILE	MOBILE SUPPORT 
GRN1DX-SX	VITE / SCREW	M8-M6 
OGV1SB	OGIVA / NUT	M8 
T49SB	CUNEO / WEDGE	49mm 
012L50	COLTELLO / KNIFE	50X12X1.5 



TFM16A

Serie di anelli copiatori in alluminio
con cuscinetti a sfere

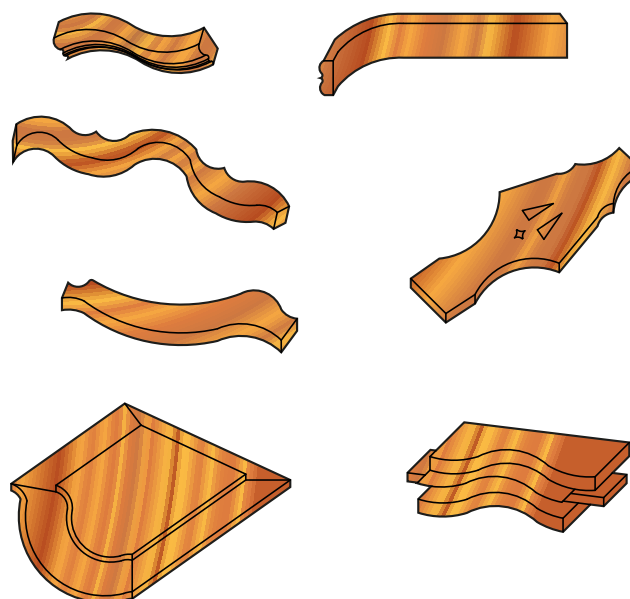
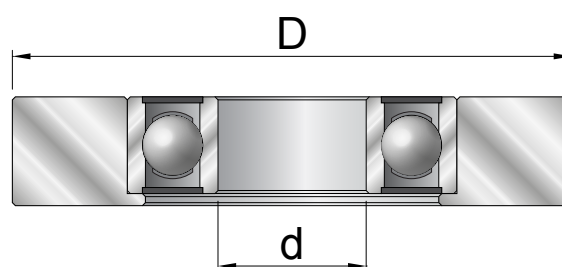
Set of aluminium copiers rings with bearings



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	d mm
TFM16A.001	90/95/100/105/110/115/120/125/130	30
TFM16A.002	90/95/100/105/110/115/120/125/130	35
TFM16A.003	90/95/100/105/110/115/120/125/130	40
TFM16A.004	95/100/105/110/115/120/125/130/135	50



TFM17A

Rullo carteggiatore per Toupie

Toupie sanding drum

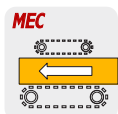


CODICE CODE	D mm	B mm	d* mm
TFM17A.001	80	120	30 (40)
TFM17A.002	100	120	50

* La quota tra parentesi è la massima allargatura foro possibile

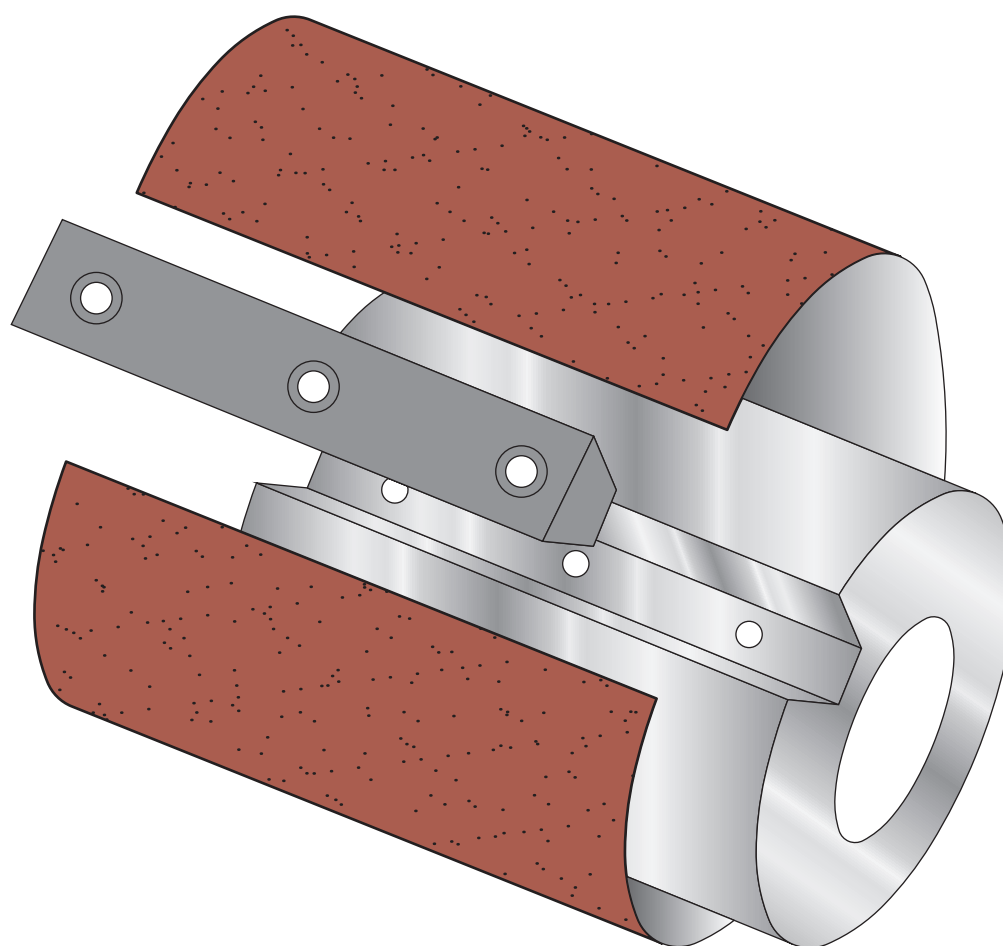
* The maximum inner hole size it is shown between the brackets

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VT17A	VITE / SCREW	M5X12 TCEI	
LR17A	CUNEO / WEDGE	120X15X8	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TFM18A

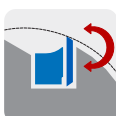
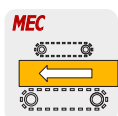
Testa per smerigliare

Cutterhead for grinding



CODICE CODE	D mm	B mm	A mm	Z mm
TFM18A.001	40	40	M14	4

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRTX1	VITE / SCREW	M4X6 TORX	
012L12	COLTELLO / KNIFE	12X12X1.5	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

TFM19A

Testa portabicchierini per tornio copiativo
corpo acciaio

Cutter holder for copying lathes - steel body



CODICE CODE	D mm	B mm	d* mm	Z	Tornio
TFM19A.001	145	58	29+CH	3	BACCI
TFM19A.002	140	46	25	4	BULLERI
TFM19A.003	170	46	25	4	BULLERI
TFM19A.004	170	46	25+CH	4	VALERI
TFM19A.005	210	57,5	20	5	GIORDANENGO
TFM19A.006	220	40,5	78	5	BACCI

* Corpo in lega - incremento 10%

* Light alloy body - request 10% price increase

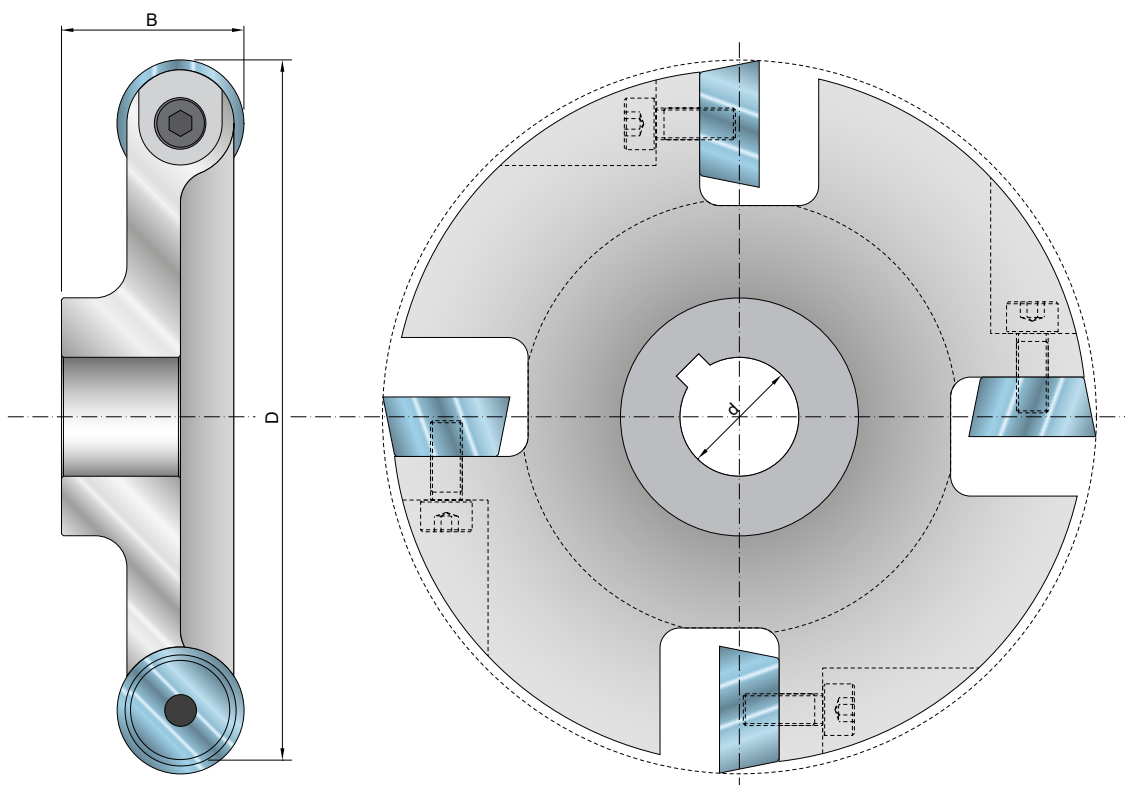
* In fase di ordine, indicare il senso di rotazione

* Indicate rotation sense when ordering



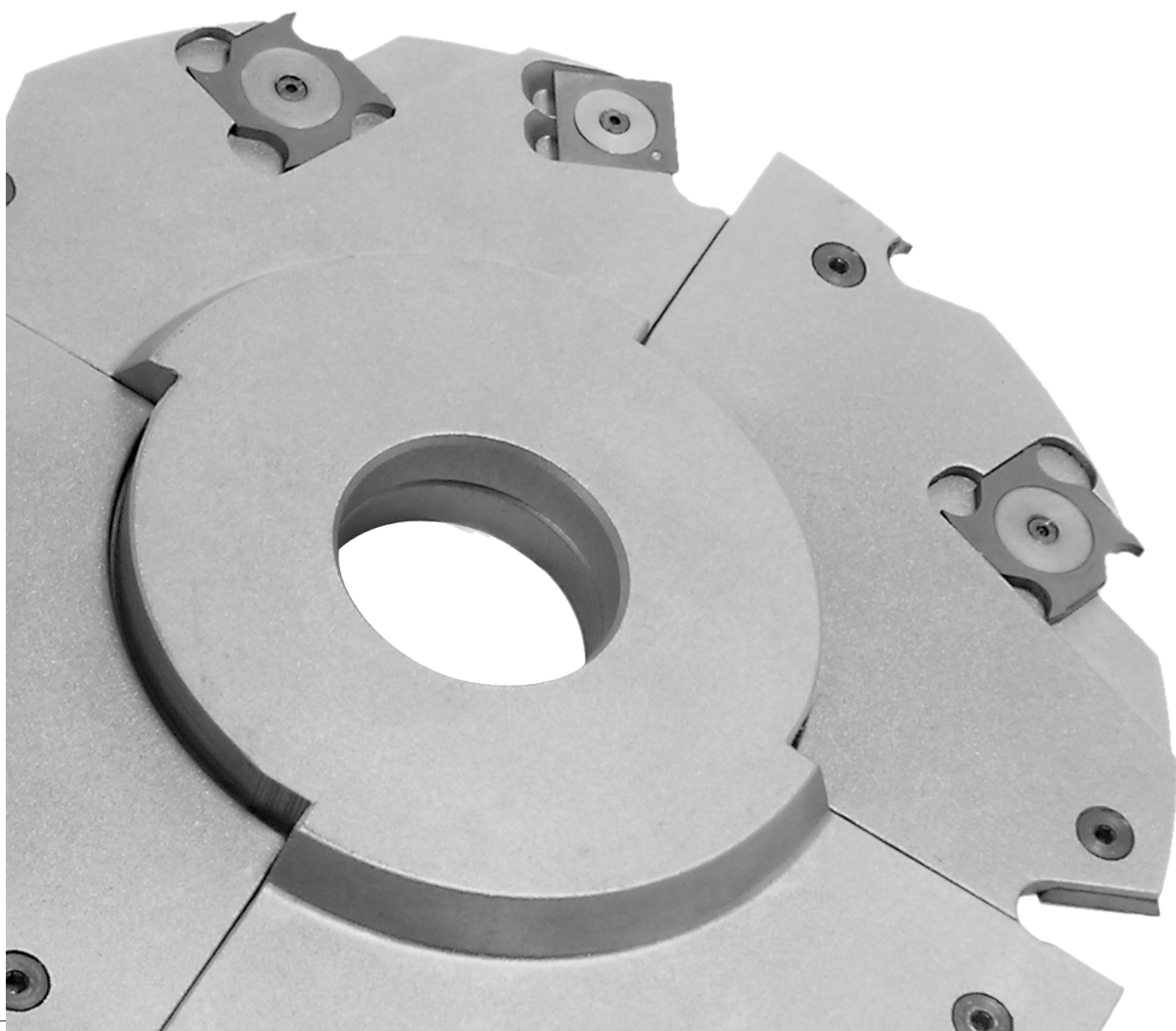
Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TESTE A FISSAGGIO MECCANICO PER INCASTRI
CUTTERHEADS FOR GROOVES

SEZIONE B
SECTION B





Testa per incastri regolabili 4÷7.5 TFM37B
Adjustable grooves cutterhead 4÷7.5 pag.24



Testa per incastri regolabili 5÷9.5 TFM49B
Adjustable grooves cutterhead 5÷9.5 pag.25



Testa per incastri regolabili 8÷15.5 TFM38B
Adjustable grooves cutterhead 8÷15.5 pag.26



Testa per incastri regolabili 12÷23.5 TFM39B
Adjustable grooves cutterhead 12÷23.5 pag.27



Teste per incastri regolabili 15÷29.5 TFM40B
Adjustable grooves cutterhead 15÷29.5 pag.28



Testa per incastri regolabili 20÷39.5 TFM41B
Adjustable grooves cutterhead 20÷39.5 pag.29



Testa per incastri regolabili 30÷59.5 TFM42B
Adjustable grooves cutterhead 30÷59.5 pag.30



Testa per incastri regolabili 50÷99.5 TFM43B
Adjustable grooves cutterhead 50÷99.5 pag.31



Testa per incastri regolabili con spigolatori o raggianti TFM44B
Adjustable grooves cutterhead with edge breaker pag.32



Testa regolabile multiuso TFM45B
Adjustable multi-use cutterhead pag.33



Testa regolabile multiuso TFM46B
Adjustable multi-use cutterhead pag.36



Testa per lamello minillo TFM47B
Cutterhead for "lamello minillo" pag.39



Testa per sede alloggiamento ferramenta TFM48B
Cutterhead for hardware groove pag.40



Testa per incastri regolabili 8÷15.5 mozzo a filo TFM51B
Adjustable grooves cutterhead 8÷15.5 pag.41



Testa per incastri a spessore fisso TFM432B
Grooving cutter pag.42

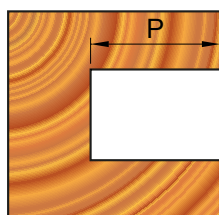
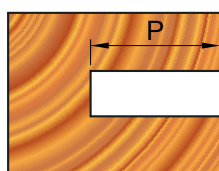


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

Per teste aventi uno spessore diverso da quello indicato prezzo a preventivo.

Cutterhead with different thickness have to be quoted.



CODICE CODE	D mm	B mm	d* mm	Z	V	P
TFM37B.001	120	4÷7.5	35 (40)	4	4	20
TFM37B.002	140	4÷7.5	35 (50)	4	4	25
TFM37B.003	160	4÷7.5	35 (50)	8	4	35
TFM37B.004	180	4÷7.5	35 (50)	8	4	35
TFM37B.005	200	4÷7.5	35 (50)	8	4	45

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

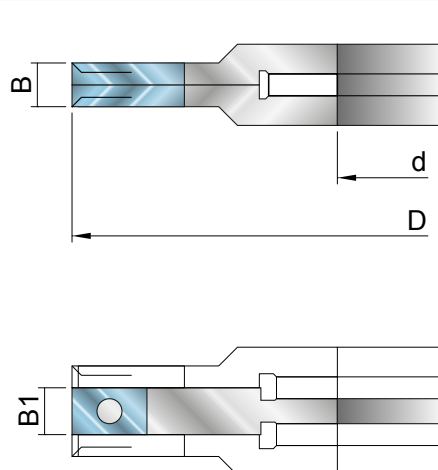
COMPONENTI AGGIUNTIVI

CODICE CODE	D mm	B1 mm	d* mm	Z
TFM37B.006	120	7.6	35 (40)	2
TFM37B.007	140	7.6	35 (50)	2
TFM37B.008	160	7.6	35 (50)	2
TFM37B.009	180	7.6	35 (50)	2
TFM37B.010	200	7.6	35 (50)	2

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			RIF.
VRS8	VITE / SCREW	M4X1.9		TFM37B.001 TFM37B.002 TFM37B.003 TFM37B.004 TFM37B.005
GHR3	GHIERA / NUT	D9.5X1.8		
RSN2	RASANTE / SPUR	14X14X2		
VRS8	VITE / SCREW	M4X1.9		
GHR2	GHIERA / NUT	D11.5X1.8		
CLT/FR1	COLTELLO / KNIFE	18X18X1.9		TFM37B.006 TFM37B.007 TFM37B.008 TFM37B.009 TFM37B.010
LR.1	CUNEO / WEDGE	7.3mm		
012L75	COLTELLO / KNIFE	7.6X12X1.5		



TFM49B

Testa per incastri regolabili 5÷9.5 con anelli

Adjustable grooves cutterhead 5÷9.5 with rings

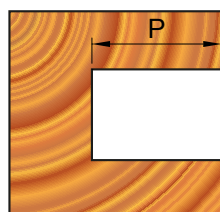
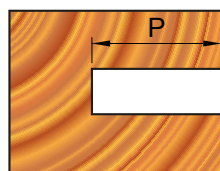


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

Per teste aventi uno spessore diverso da quello indicato prezzo a preventivo.

Cutterhead with different thickness have to be quoted.



CODICE CODE	D mm	B mm	d* mm	Z	V	P
TFM49B.001	120	5÷9.5	35 (40)	4	4	20
TFM49B.002	140	5÷9.5	35 (50)	4	4	25
TFM49B.003	160	5÷9.5	35 (50)	8	4	35
TFM49B.004	180	5÷9.5	35 (50)	8	4	35
TFM49B.005	200	5÷9.5	35 (50)	8	4	45

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

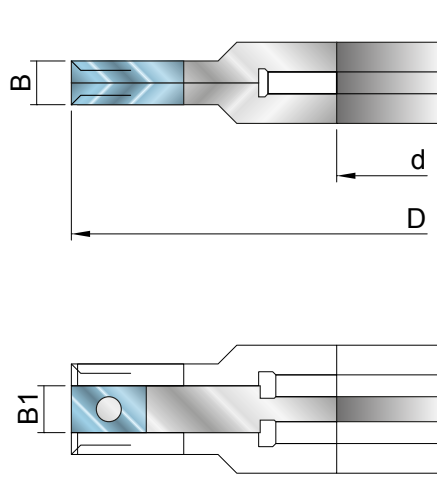
COMPONENTI AGGIUNTIVI

CODICE CODE	D mm	B1 mm	d* mm	Z
TFM49B.006	120	7.6	35 (40)	2
TFM49B.007	140	7.6	35 (50)	2
TFM49B.008	160	7.6	35 (50)	2
TFM49B.009	180	7.6	35 (50)	2
TFM49B.010	200	7.6	35 (50)	2

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			RIF.
VRS10	VITE / SCREW	M4X3		
GHR3	GHIERA / NUT	D9.5X1.8		TFM49B.001
RSN2	RASANTE / SPUR	14X14X2		TFM49B.002
VRS10	VITE / SCREW	M4X3		TFM49B.003
GHR1	GHIERA / NUT	D11.5X2.5		TFM49B.004
CLT/FR2	COLTELLO / KNIFE	18X18X2.9		TFM49B.005
LR.1	CUNEO / WEDGE	7.3mm		TFM49B.006
012L75	COLTELLO / KNIFE	7.6X12X1.5		TFM49B.007
				TFM49B.008
				TFM49B.009
				TFM49B.010



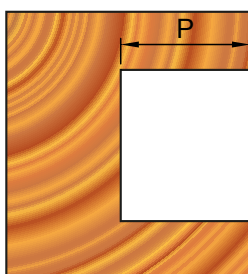
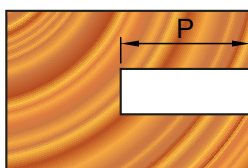


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

Per teste aventi uno spessore diverso da quello indicato prezzo a preventivo.

Cutterhead with different thickness have to be quoted.



CODICE CODE	D mm	B mm	d* mm	Z	V	P
TFM38B.001	140	8÷16	35 (50)	4	4	25
TFM38B.002	160	8÷16	35 (50)	4	4	35
TFM38B.003	200	8÷16	35 (50)	8	8	50
TFM38B.004	250	8÷16	35 (50)	8	8	55

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

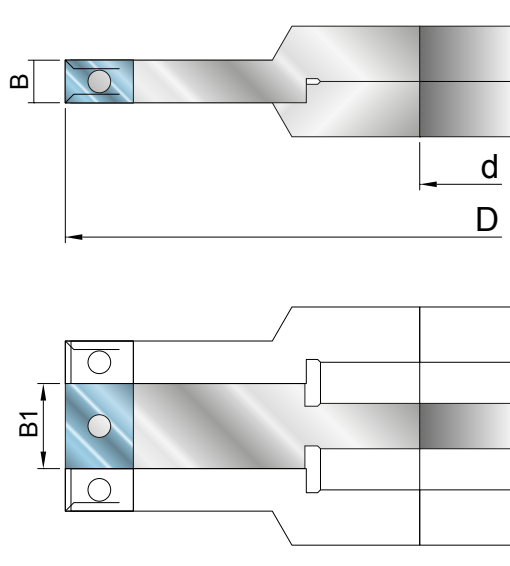
COMPONENTI AGGIUNTIVI

CODICE CODE	D mm	B1 mm	d* mm	Z
TFM38B.005	140	15	35 (50)	2
TFM38B.006	160	15	35 (50)	2
TFM38B.007	200	15	35 (50)	2
TFM38B.008	250	15	35 (50)	2

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		RIF.
VRS6	VITE / SCREW	M5X7	
RSN2	RASANTE / SPUR	14X14X2	TFM38B.001
GRN2DX-SX	VITE / SCREW	M6 - M6	TFM38B.002
LR.1	CUNEO / WEDGE	7.3mm	TFM38B.003
012L75	COLTELLO / KNIFE	7.6X12X1.5	TFM38B.004
T14SB	CUNEO / WEDGE	14mm	TFM38B.005
012L15	COLTELLO / KNIFE	15X12X1.5	TFM38B.006
			TFM38B.007
			TFM38B.008



TFM39B

Testa per incastri regolabili 12÷23.5 con anelli

Adjustable grooves cutterhead 12÷23.5 with rings



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

Per teste aventi uno spessore diverso da quello indicato prezzo a preventivo.

Cutterhead with different thickness have to be quoted.

CODICE CODE	D mm	B mm	d* mm	Z	V	P
TFM39B.001	140	12÷23.5	35 (50)	4	4	40
TFM39B.002	160	12÷23.5	35 (50)	4	4	50
TFM39B.003	200	12÷23.5	35 (50)	4	4	65
TFM39B.004	250	12÷23.5	35 (50)	8	8	60

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

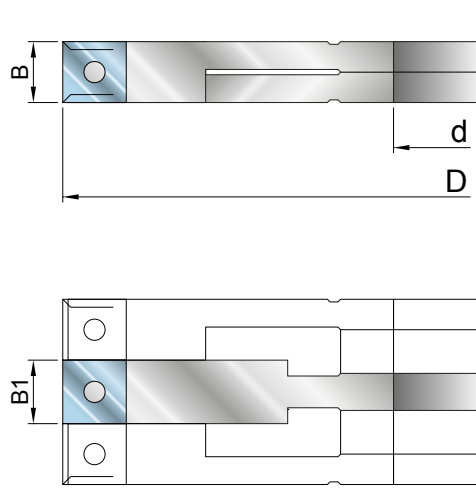
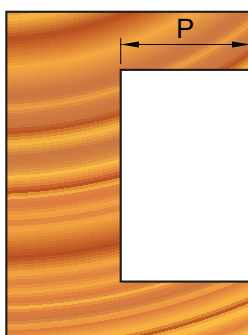
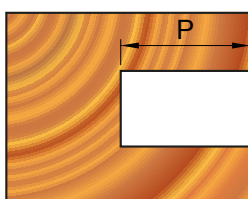
COMPONENTI AGGIUNTIVI

CODICE CODE	D mm	B1 mm	d* mm	Z
TFM39B.005	140	12	35 (50)	2
TFM39B.006	160	12	35 (50)	2
TFM39B.007	200	12	35 (50)	2
TFM39B.008	250	12	35 (50)	2

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			RIF.
VRS6	VITE / SCREW	M5X7		TFM39B.001
RSN2	RASANTE / SPUR	14X14X2		TFM39B.002
GRN1DX-SX	VITE / SCREW	M8 - M6		TFM39B.003
LR.2	CUNEO / WEDGE	10.8mm		TFM39B.004
012L12	COLTELLO / KNIFE	12X12X1.5		TFM39B.005
				TFM39B.006
				TFM39B.007
				TFM39B.008



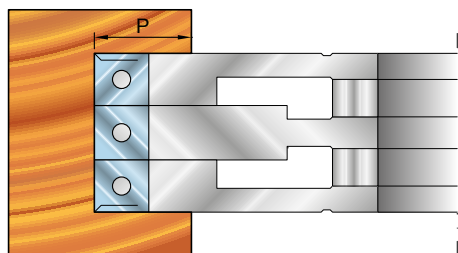
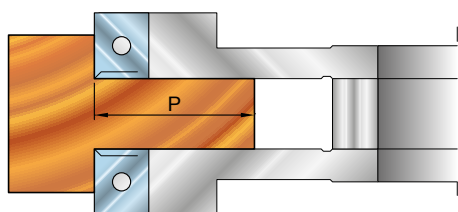
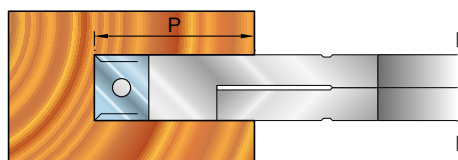


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

Per teste aventi uno spessore diverso da
quello indicato prezzo a preventivo.

Cutterhead with different thickness have to
be quoted.



CODICE CODE	D mm	B mm	d* mm	Z	V	P
TFM40B.001	140	15÷29.5	35 (50)	4	4	40
TFM40B.002	160	15÷29.5	35 (50)	4	4	50
TFM40B.003	200	15÷29.5	35 (50)	4	4	70
TFM40B.004	250	15÷29.5	35 (50)	8	8	95
TFM40B.005	300	15÷29.5	35 (50)	8	8	120

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

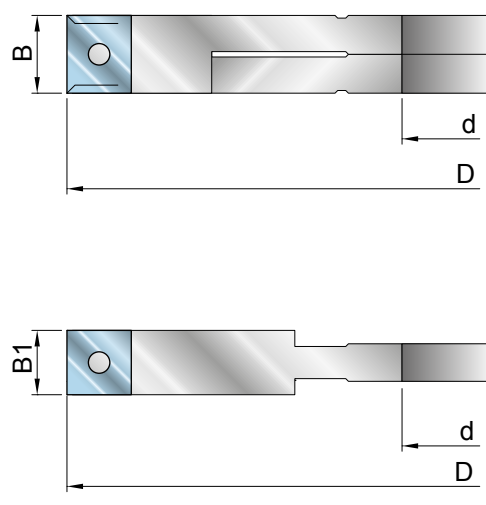
COMPONENTI AGGIUNTIVI

CODICE CODE	D mm	B1 mm	d* mm	Z
TFM40B.006	140	15	35 (50)	2
TFM40B.007	160	15	35 (50)	2
TFM40B.008	200	15	35 (50)	2
TFM40B.009	250	15	35 (50)	2
TFM40B.010	300	15	35 (50)	2

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			RIF.
VRS6	VITE / SCREW	M5X7		TFM40B.001 TFM40B.002 TFM40B.003 TFM40B.004 TFM40B.005
RSN2	RASANTE / SPUR	14X14X2		
GRN1DX-SX	VITE / SCREW	M8-M6		TFM40B
OGV1SB	OGIVA / NUT	M8		
T14SB	CUNEO / WEDGE	14mm		
012L15	COLTELLO / KNIFE	15X12X1.5		



TFM41B

Testa per incastri regolabili 20÷39.5 con anelli

Adjustable grooves cutterhead 20÷39.5 with rings

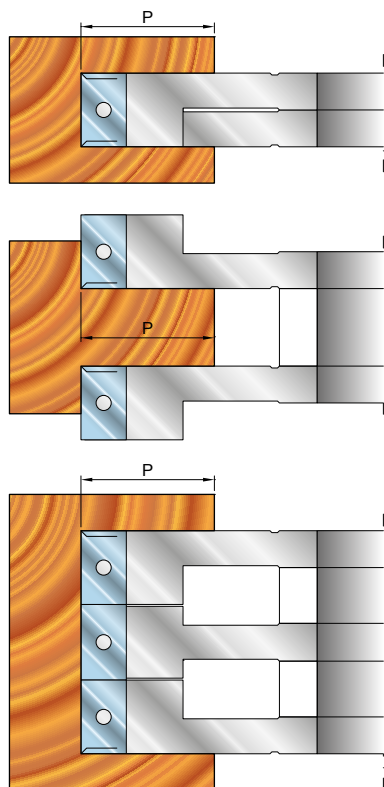


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

Per teste aventi uno spessore diverso da quello indicato prezzo a preventivo.

Cutterhead with different thickness have to be quoted.



CODICE CODE	D mm	B mm	d mm	Z	V	P
TFM41B.001	140	20÷39.5	35 (50)	4	4	40
TFM41B.002	160	20÷39.5	35 (50)	4	4	50
TFM41B.003	200	20÷39.5	35 (50)	4	4	70
TFM41B.004	250	20÷39.5	35 (50)	8	8	95
TFM41B.005	300	20÷39.5	35 (50)	8	8	120

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

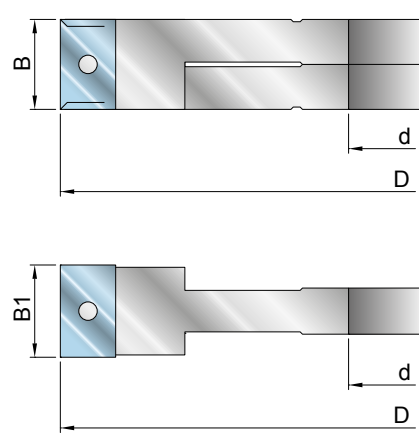
COMPONENTI AGGIUNTIVI

CODICE CODE	D mm	B1 mm	d mm	Z
TFM41B.006	140	20	35 (50)	2
TFM41B.007	160	20	35 (50)	2
TFM41B.008	200	20	35 (50)	2
TFM41B.009	250	20	35 (50)	2
TFM41B.010	300	20	35 (50)	2

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			RIF.
VRS6	VITE / SCREW	M5X7		TFM41B.001 TFM41B.002 TFM41B.003 TFM41B.004 TFM41B.005
RSN2	RASANTE / SPUR	14X14X2		
GRN1DX-SX	VITE / SCREW	M8-M6		TFM41B
OGV1SB	OGIVA / NUT	M8		
T19SB	CUNEO / WEDGE	19mm		
012L20	COLTELLO / KNIFE	20X12X1.5		



Adjustable grooves cutterhead 30÷59.5 with rings

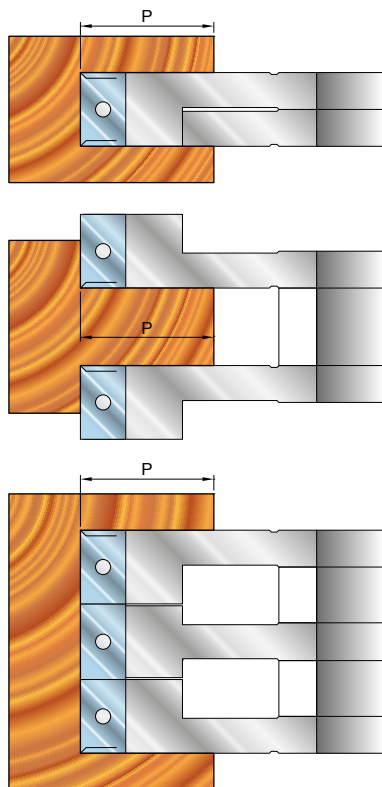


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

Per teste aventi uno spessore diverso da quello indicato prezzo a preventivo.

Cutterhead with different thickness have to be quoted.



CODICE CODE	D mm	B mm	d* mm	Z	V	P
TFM42B.001	140	30÷59.5	35 (50)	4	4	40
TFM42B.002	160	30÷59.5	35 (50)	4	4	50
TFM42B.003	200	30÷59.5	35 (50)	4	4	70
TFM42B.004	250	30÷59.5	35 (50)	8	8	95
TFM42B.005	300	30÷59.5	35 (50)	8	8	120

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

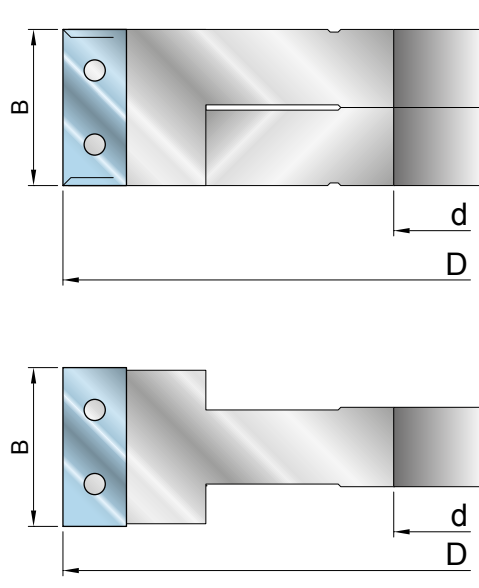
COMPONENTI AGGIUNTIVI

CODICE CODE	D mm	B1 mm	d* mm	Z
TFM42B.006	140	30	35 (50)	2
TFM42B.007	160	30	35 (50)	2
TFM42B.008	200	30	35 (50)	2
TFM42B.009	250	30	35 (50)	2
TFM42B.010	300	30	35 (50)	2

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			RIF.
VRS6	VITE / SCREW	M5X7		TFM42B.001 TFM42B.002 TFM42B.003 TFM42B.004 TFM42B.005
RSN2	RASANTE / SPUR	14X14X2		
GRN1DX-SX	VITE / SCREW	M8-M6		TFM42B
OGV1SB	OGIVA / NUT	M8		
T29SB	CUNEO / WEDGE	29mm		
012L30	COLTELLO / KNIFE	30X12X1.5		



TFM43B

Testa per incastri regolabili 50÷99.5 con anelli

Adjustable grooves cutterhead 50÷99.5 with rings

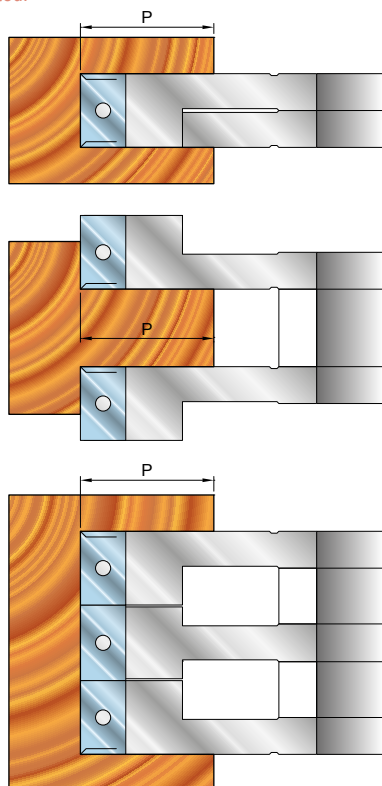


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

Per teste aventi uno spessore diverso da quello indicato prezzo a preventivo.

Cutterhead with different thickness have to be quoted.



CODICE CODE	D mm	B mm	d* mm	Z	V	P
TFM43B.001	140	50÷99.5	35 (50)	4	4	40
TFM43B.002	160	50÷99.5	35 (50)	4	4	50
TFM43B.003	200	50÷99.5	35 (50)	4	4	70
TFM43B.004	250	50÷99.5	35 (50)	8	8	95
TFM43B.005	300	50÷99.5	35 (50)	8	8	120

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

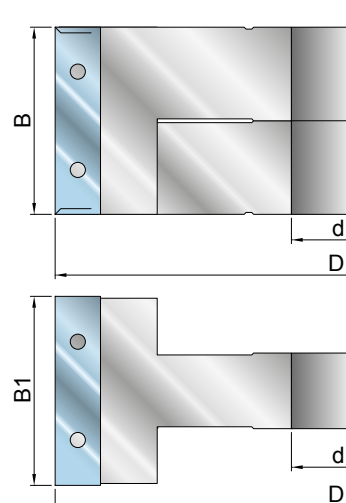
COMPONENTI AGGIUNTIVI

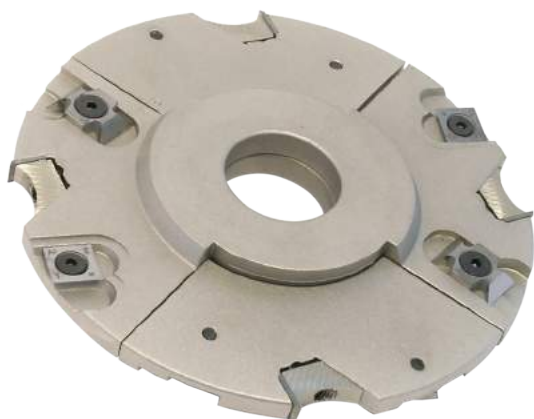
CODICE CODE	D mm	B1 mm	d* mm	Z
TFM43B.006	140	50	35 (50)	2
TFM43B.007	160	50	35 (50)	2
TFM43B.008	200	50	35 (50)	2
TFM43B.009	250	50	35 (50)	2
TFM43B.010	300	50	35 (50)	2

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			RIF.
VRS6	VITE / SCREW	M5X7		TFM43B.001 TFM43B.002 TFM43B.003 TFM43B.004 TFM43B.005
RSN2	RASANTE / SPUR	14X14X2		
GRN1DX-SX	VITE / SCREW	M8-M6		TFM43B
OGV1SB	OGIVA / NUT	M8		
T49SB	CUNEO / WEDGE	49mm		
012L50	COLTELLO / KNIFE	50X12X1.5		



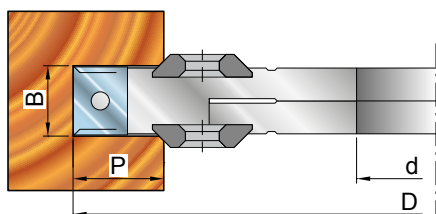
Adjustable grooves cutterhead edge breaker
with rings

Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

Per teste aventi uno spessore diverso da
quello indicato prezzo a preventivo.

Cutterhead with different thickness have to
be quoted.



CODICE CODE	D mm	B mm	d* mm	Z	V	LS	P max
TFM44B.001	160	8+15	35/40	4	4	4	20
TFM44B.002	160	12+24	35/40	4	4	4	20
TFM44B.003	160	15+30	35/40	4	4	4	30
TFM44B.004	160	20+40	35/40	4	4	4	30
TFM44B.005	160	30+60	35/40	4	4	4	30
TFM44B.006	180	8+15	35/40	4	4	4	25
TFM44B.007	180	12+24	35/40	4	4	4	25
TFM44B.008	180	15+30	35/40	4	4	4	35
TFM44B.009	180	20+40	35/40	4	4	4	35
TFM44B.010	180	30+60	35/40	4	4	4	35
TFM44B.011	180	8+15	35/40	6	6	6	25
TFM44B.012	200	12+24	35/40	6	6	6	30
TFM44B.013	200	15+30	35/40	6	6	6	40
TFM44B.014	200	20+40	35/40	6	6	6	40
TFM44B.015	200	30+60	35/40	6	6	6	40
TFM44B.016	250	8+15	35/40	6	6	6	30
TFM44B.017	250	12+24	35/40	6	6	6	35
TFM44B.018	250	15+30	35/40	6	6	6	70

Indicare il tipo di inserto : SPG1 (45°) o RGT1 (R1.5) RGT2 (R2) RGT3 (R3)

Indicate the insert type : SPG1 (45°) o RGT1 (R1.5) RGT2 (R2) RGT3 (R3)

Indicare la profondità di taglio P / Indicate the cutting depth

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

RIF. FRESA RIF. TOOL	CODICE CODE	PARTI DI RICAMBIO SPARE PARTS
TFM44B	VRS6	VITE / SCREW M5X7
	RSN2	RASANTE / SPUR 14X14X2
	GRN1DX-SX	VITE / SCREW M8-M6
	VINS3	VITE / SCREW M5X10
	TOR1346	VITE / SCREW M6X14
	RGTR1/2/3	RAGGIATORE / RADIUS INSERT R1.5 - R2 - R3
	SPIG1	SPIGOLATORE / BEVELLING INS. 45°
TFM44B.001-006-011-016	LR1	CUNEO / WEDGE 7.3mm
	012L75	COLTELLO / KNIFE 7.5X12X1.5
TFM44B.002-007-012-017	LR2	CUNEO / WEDGE 10.8mm
	012L12	COLTELLO / KNIFE 12X12X1.5
TFM44B.003-008-013-018	OGV1SB	OGIVA / NUT M8
	T14SB	CUNEO / WEDGE 14mm
	012L15	COLTELLO / KNIFE 15X12X1.5
TFM44B.004-009-014	OGV1SB	OGIVA / NUT M8
	T19SB	CUNEO / WEDGE 19mm
	012L20	COLTELLO / KNIFE 20X12X1.5
TFM44B.005-010-015	OGV1SB	OGIVA / NUT M8
	T29SB	CUNEO / WEDGE 29mm
	012L30	COLTELLO / KNIFE 30X12X1.5

Adjustable multi-use cutterhead with rings



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	B mm	d* mm	Z	V	LS	I
TFM45B.001	160	30÷60	35 (50)	4	4	4	4

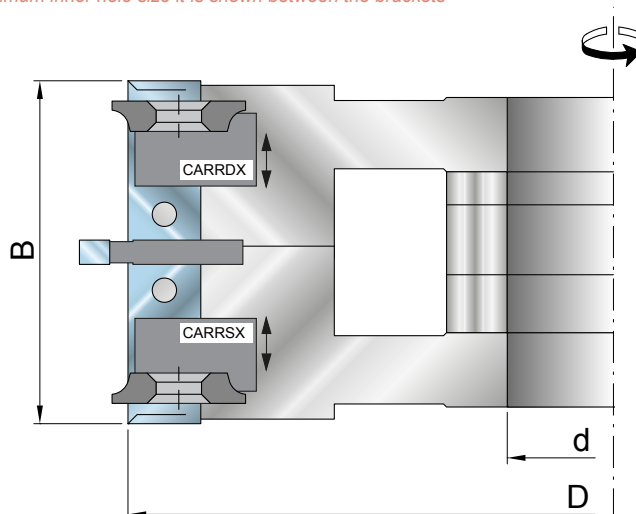
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRS6	VITE / SCREW	M5X7	
RSN2	RASANTE / SPUR	14X14X2	
TOR1346	VITE / SCREW	M6X14	
RGTR1/2/3	RAGGIATORE / RADIUS INSERT	R1.5 - R2 - R3	
SPIG1	SPIGOLATORE/BEVELLING INS.	45°	
VINS4	VITE / SCREW	M5X12	
INS9DX	INSERTO / INSERT	4mm	
INS9SX	INSERTO / INSERT	4mm	
GRN1	VITE / SCREW	M5X10	
CARRDX	SUPPORTO MOBILE	MOBILE SUPPORT	
CARRSX	SUPPORTO MOBILE	MOBILE SUPPORT	
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T29SB	CUNEO / WEDGE	29mm	
012L30	COLTELLO / KNIFE	30X12X1.5	

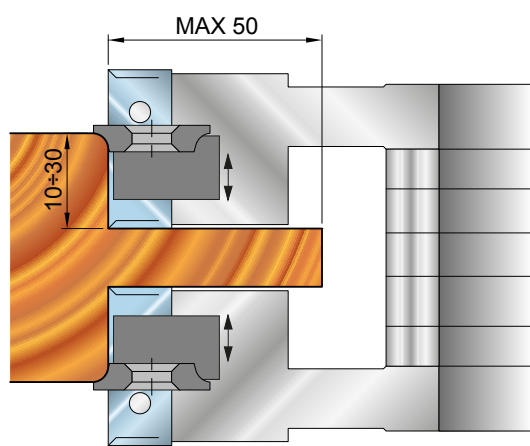
Indicare il tipo di inserto : SPG1 (45°) o RGT1 (R1.5) RGT2 (R2) RGT3 (R3)

Indicate the insert type : SPG1 (45°) o RGT1 (R1.5) RGT2 (R2) RGT3 (R3)

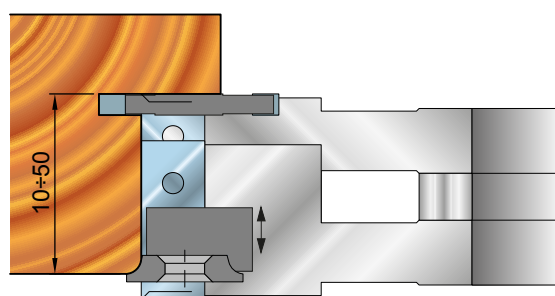
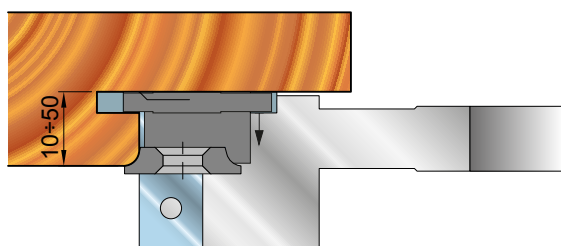
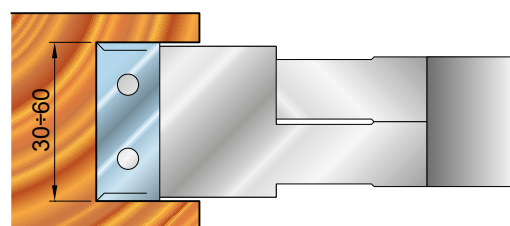
* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

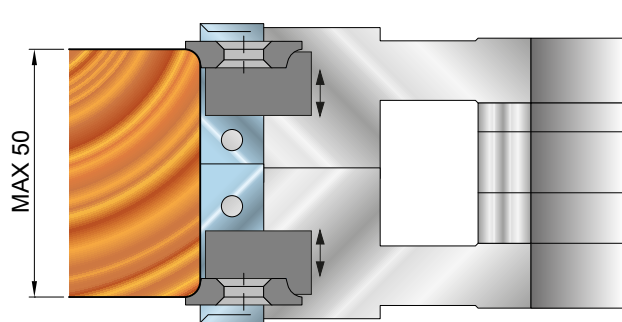


Esempi di lavorazione / Working examples

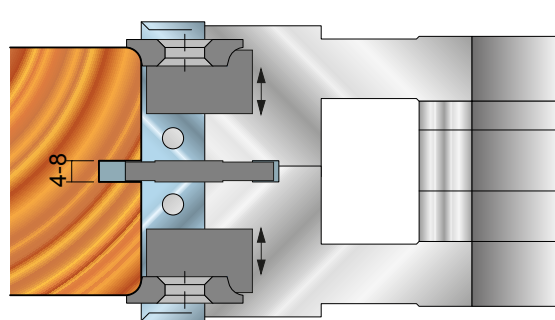
TENONATURE RIDOTTE

SQUADRATURA PORTE CON
GUARNIZIONESQUADRATURA TELAIO DI
PORTE

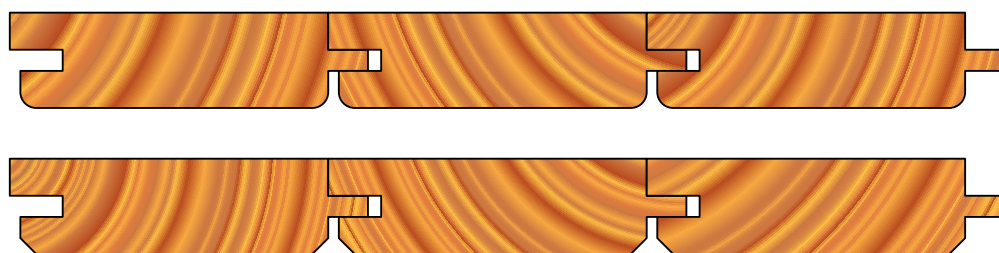
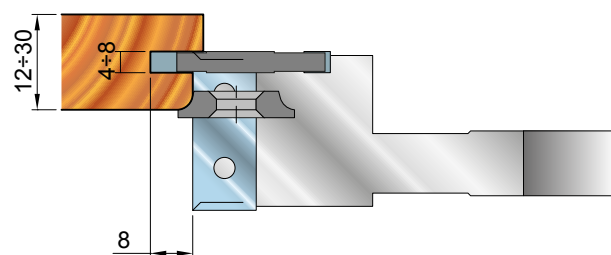
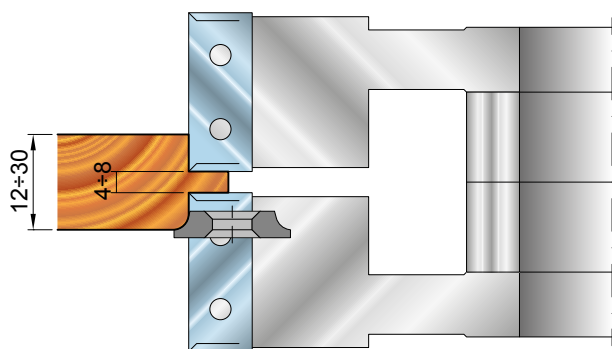
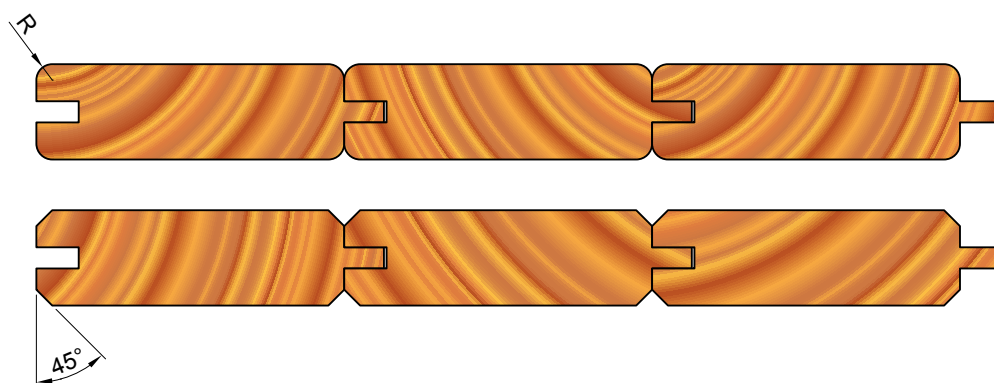
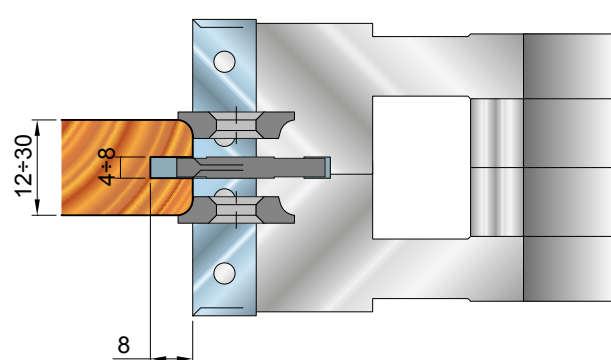
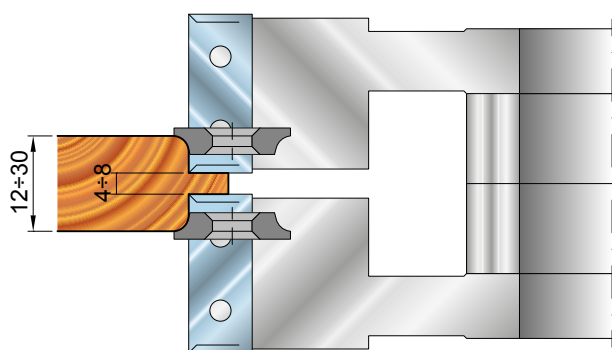
CANALI REGOLABILI



SQUADRATURA DI PANNELLI

CORNICE INTERNA PER
FINESTRA

Esempi di lavorazione / Working examples





Utensile collaudato
secondo la normativa
Tool tested
according to the norm

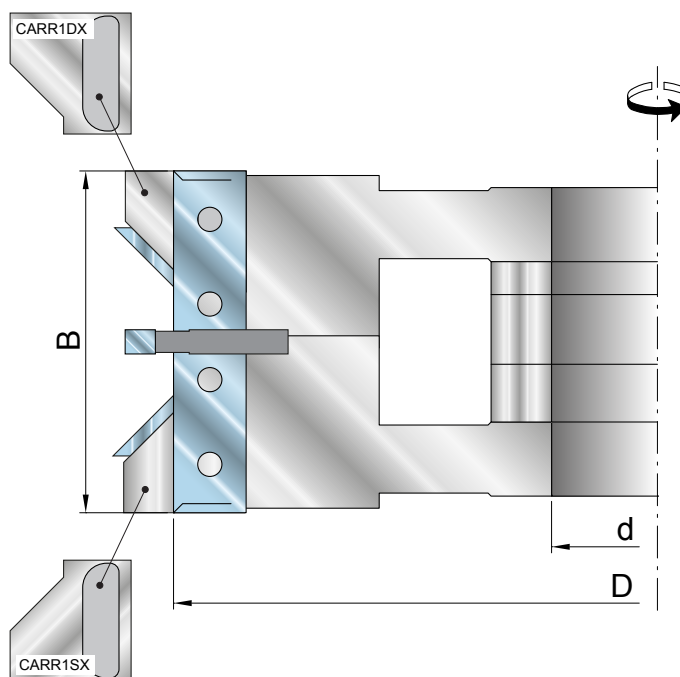
EN 847-1

CODICE CODE	D mm	B mm	d* mm	Z	V	I	V45°
TFM46B.001	160	30÷60	35 (50)	4	4	4	4

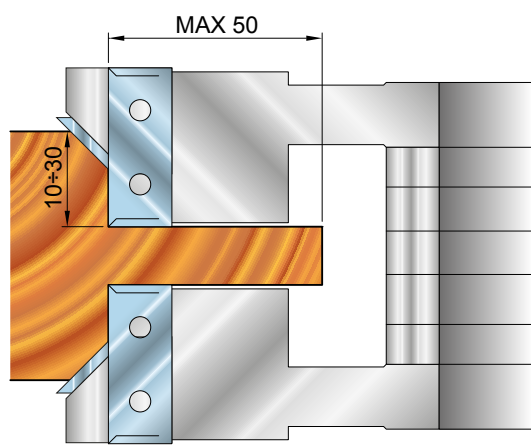
* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

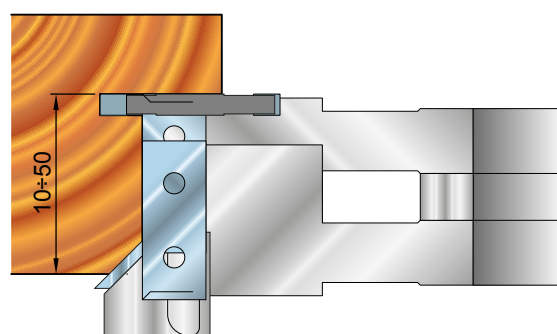
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
VRS6	VITE / SCREW	M5X7
RSN2	RASANTE / SPUR	14X14X2
VINS4	VITE / SCREW	M5X12
INS9DX	INSERTO / INSERT	4mm
INS9SX	INSERTO / INSERT	4mm
GRN3	VITE / SCREW	M8X12
CARR1DX	SUPPORTOMOBILE	MOBILE SUPPORT
CARR1SX	SUPPORTOMOBILE	MOBILE SUPPORT
GRN1DX-SX	VITE / SCREW	M8-M6
OGV1SB	OGIVA / NUT	M8
T29SB	CUNEO / WEDGE	29mm
012L30	COLTELLO / KNIFE	30X12X1.5



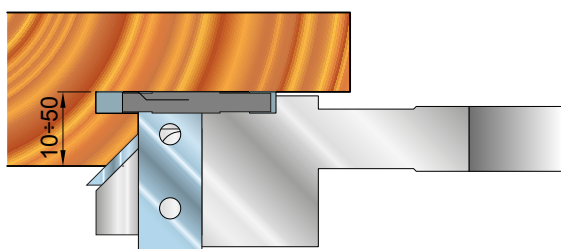
Esempi di lavorazione / Working examples



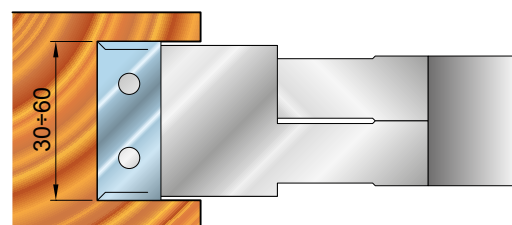
TENONATURE RIDOTTE



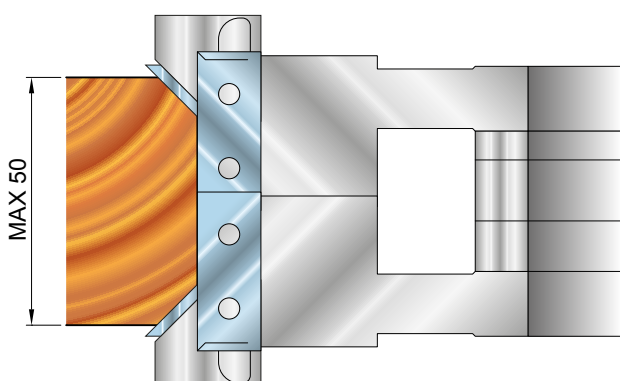
SQUADRATURA PORTE CON GUARNIZIONE



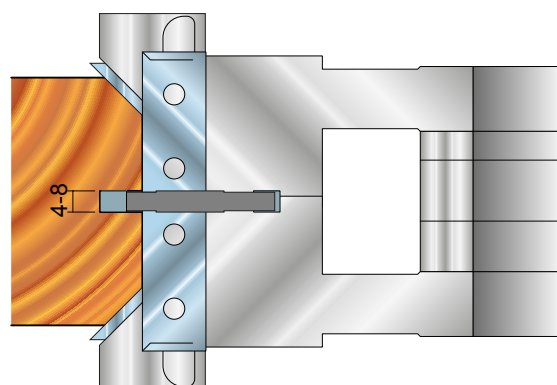
SQUADRATURA TELAIO DI PORTE



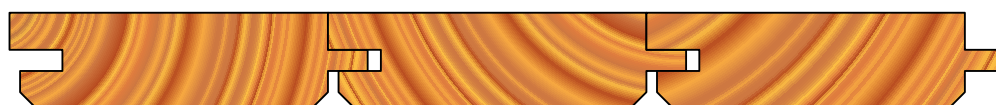
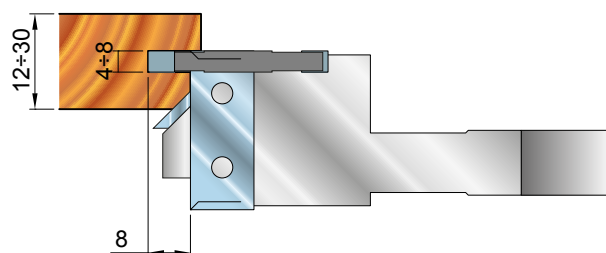
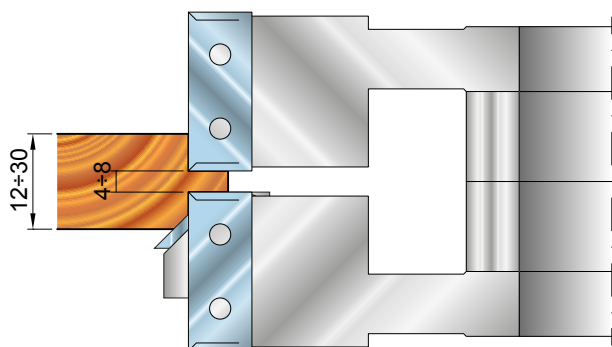
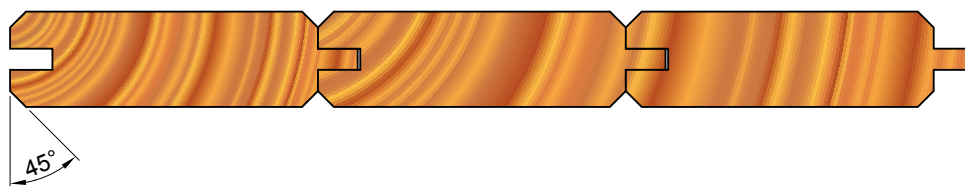
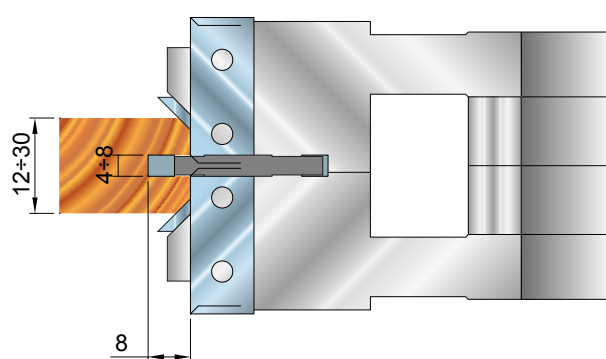
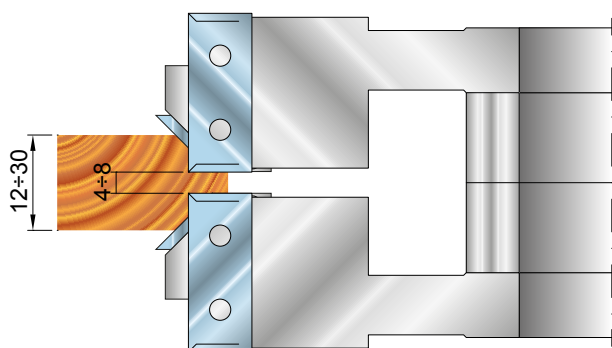
CANALI REGOLABILI



SQUADRATURA DI PANNELLI



CORNICE INTERNA PER FINESTRA

Esempi di lavorazione / Working examples

TFM47B

Testa per lamello minillo

Cutterhead for “lamello minillo”



CODICE CODE	D mm	B mm	d mm	Z	V
TFM47B.001	100	4	22	4	4

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRS8	VITE / SCREW	M4X1.9	
GHR3	GHIERA / NUT	D9.5X1.8	
RSN2	RASANTE / SPUR	14X14X2	
GHR2	GHIERA / NUT	D11.5X1.8	
CLT/FR1	COLTELLO / KNIFE	18X18X1.9	

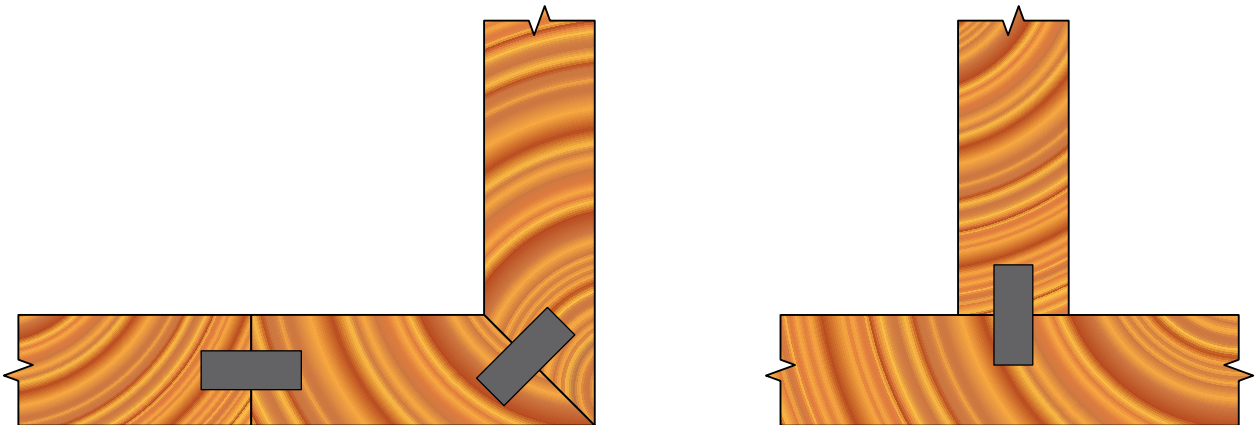
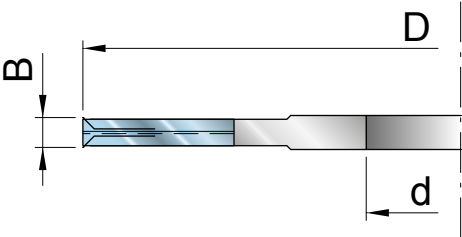
MEC

MAN

Utensile collaudato secondo la normativa

Tool tested according to the norm

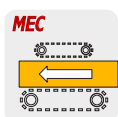
EN 847-1





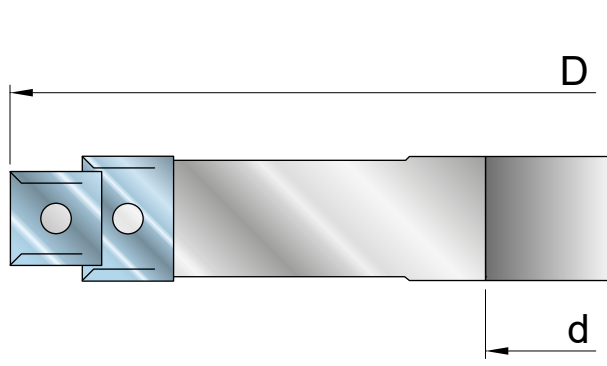
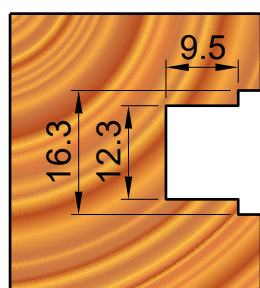
CODICE CODE	D mm	d mm	Z	V
TFM48B.001	160	35/40	4	8

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRS6	VITE / SCREW	M5X7	
RSN2	RASANTE / SPUR	14X14X2	
GRN1DX-SX	VITE / SCREW	M8 - M6	
LR.2	CUNEO / WEDGE	10.8mm	
012L12	COLTELLO / KNIFE	12X12X1.5	
LR.3	CUNEO / WEDGE	13.7mm	
012L15	COLTELLO / KNIFE	15X12X1.5	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TFM51B

Testa per incastri regolabili 8÷15.5 mozzo a filo con anelli

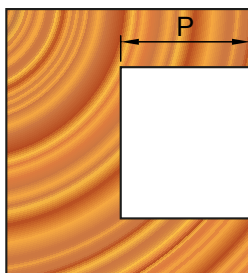
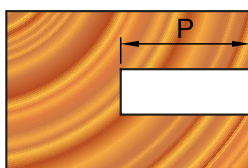
B

Adjustable grooves cutterhead 8÷15.5 with rings



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



CODICE CODE	D mm	B mm	d* mm	Z	V	P
TFM51B.001	140	8÷16	35 (50)	4	4	40
TFM51B.002	160	8÷16	35 (50)	4	4	50
TFM51B.003	180	8÷16	35 (50)	4	4	60

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

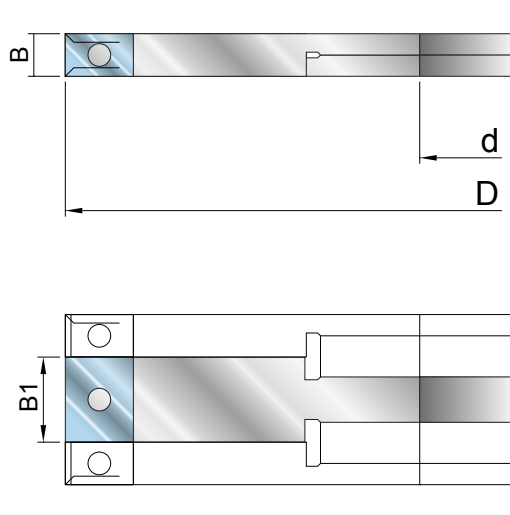
COMPONENTI AGGIUNTIVI

CODICE CODE	D mm	B1 mm	d* mm	Z
TFM51B.005	140	15	35 (50)	2
TFM51B.006	160	15	35 (50)	2
TFM51B.007	180	15	35 (50)	2

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			RIF.
VRS6	VITE / SCREW	M5X7		
RSN2	RASANTE / SPUR	14X14X2		TFM38B.001
GRN2DX-SX	VITE / SCREW	M6 - M6		TFM38B.002
LR.1	CUNEO / WEDGE	7.3mm		TFM38B.003
012L75	COLTELLO / KNIFE	7.6X12X1.5		TFM38B.004
GRN1DX-SX	VITE / SCREW	M8-M6		
OGV1SB	OGIVA / NUT	M8		TFM38B.005
T14SB	CUNEO / WEDGE	14mm		TFM38B.006
				TFM38B.007
012L15	COLTELLO / KNIFE	15X12X1.5		TFM38B.008



CENTERINOX

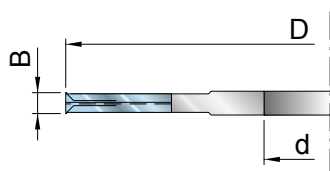
Grooving cutter



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	B mm	d mm	Z	V	RIF.	CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
TFM432B.001	100	4	30/35/40/50	4	4	TFM432B B=4mm	VRS8	VITE / SCREW	M4X1.9	
TFM432B.002	120	4	30/35/40/50	4	4		GHR3	GHIERA / NUT	D9.5X1.8	
TFM432B.003	150	4	30/35/40/50	4	4		RSN2	RASANTE / SPUR	14X14X2	
TFM432B.004	180	4	30/35/40/50	4	4		GHR2	GHIERA / NUT	D11.5X1.8	
TFM432B.005	100	5	30/35/40/50	4	4		CLT/FR1	COLTELLO / KNIFE	18X18X1.9	
TFM432B.006	120	5	30/35/40/50	4	4		VRS10	VITE / SCREW	M4X3	
TFM432B.007	150	5	30/35/40/50	4	4	TFM432B B=5mm	GHR3	GHIERA / NUT	D9.5X1.8	
TFM432B.008	180	5	30/35/40/50	4	4		RSN2	RASANTE / SPUR	14X14X2	
TFM432B.009	100	6	30/35/40/50	4	4		GHR2	GHIERA / NUT	D11.5X2.5	
TFM432B.010	120	6	30/35/40/50	4	4		CLT/FR2	COLTELLO / KNIFE	18X18X2.9	
TFM432B.011	150	6	30/35/40/50	4	4		VRS6	VITE / SCREW	M5X7	
TFM432B.012	180	6	30/35/40/50	4	4		RSN2	RASANTE / SPUR	14X14X2	
TFM432B.013	100	7	30/35/40/50	4	4	TFM432B B=6mm	VRS9	VITE / SCREW	M4X5	
TFM432B.014	120	7	30/35/40/50	4	4		GHR1	GHIERA / NUT	D11.5X2.5	
TFM432B.015	150	7	30/35/40/50	4	4		CLT/FR3	COLTELLO / KNIFE	18X18X3.9	
TFM432B.016	180	7	30/35/40/50	4	4		VRS6	VITE / SCREW	M5X7	
TFM432B.017	100	8	30/35/40/50	4	4		RSN2	RASANTE / SPUR	14X14X2	
TFM432B.018	120	8	30/35/40/50	4	4		VRS9	VITE / SCREW	M4X5	
TFM432B.019	150	8	30/35/40/50	4	4	TFM432B B=7mm	GHR1	GHIERA / NUT	D11.5X2.5	
TFM432B.020	180	8	30/35/40/50	4	4		CLT/FR3	COLTELLO / KNIFE	18X18X3.9	
TFM432B.021	220	8	30/35/40/50	4	4		VRS6	VITE / SCREW	M5X7	
TFM432B.022	250	8	30/35/40/50	4	4		RSN2	RASANTE / SPUR	14X14X2	
TFM432B.023	300	8	30/35/40/50	4	4		GRN2DX-SX	VITE / SCREW	M6 - M6	
						TFM432B B=8mm	LR.1	CUNEO / WEDGE	7.3mm	
							012L75	COLTELLO / KNIFE	7.5X12X1.5	



TESTE A FISSAGGIO MECCANICO PER MACCHINE BORDATRICI
CUTTERHEADS FOR EDGE BANDING MACHINE

SEZIONE C
SECTION C





Testa per macchine bordatrici **TFM69C**
Cutterhead for edge banding machine pag.46



Testa per macchine bordatrici **TFM70C**
Cutterhead for edge banding machine pag.47

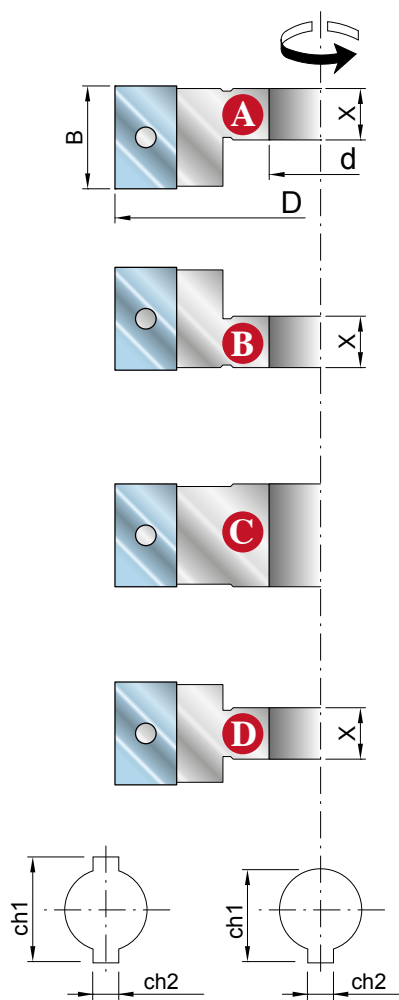


Testa per macchine bordatrici **TFM71C**
Cutterhead for edge banding machine pag.48



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

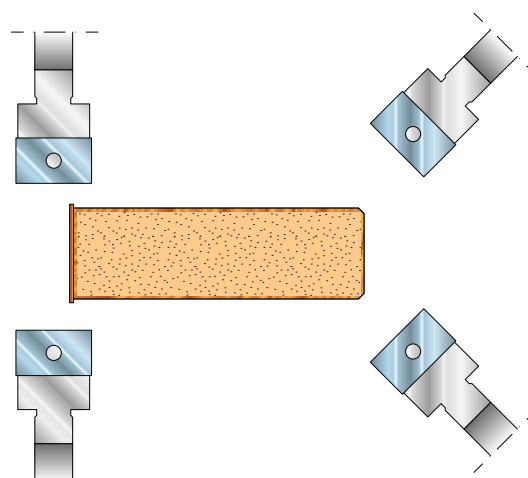


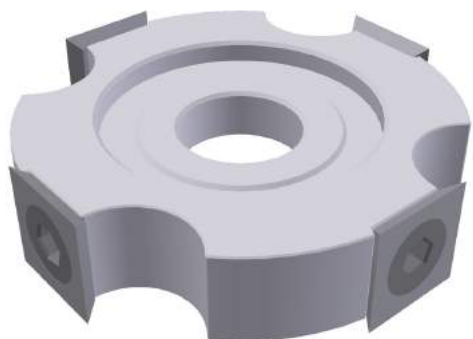
CODICE CODE	D mm	B mm	d mm	Z
TFM69C.001	70	15	12/14/16/20	4
TFM69C.002	70	20	12/14/16/20	4
TFM69C.003	70	30	12/14/16/20	4
TFM69C.004	80	15	12/14/16/20	4
TFM69C.005	80	20	12/14/16/20	4
TFM69C.006	80	30	12/14/16/20	4
TFM69C.007	100	15	12/14/16/20	4
TFM69C.008	100	20	12/14/16/20	4
TFM69C.009	100	30	12/14/16/20	4
TFM69C.010	70	15	12/14/16/20	6
TFM69C.011	70	20	12/14/16/20	6
TFM69C.012	70	30	12/14/16/20	6
TFM69C.013	80	15	12/14/16/20	6
TFM69C.014	80	20	12/14/16/20	6
TFM69C.015	80	30	12/14/16/20	6
TFM69C.016	100	15	12/14/16/20	6
TFM69C.017	100	20	12/14/16/20	6
TFM69C.018	100	30	12/14/16/20	6

Specificare la quota X, la tipologia (A-B-C-D), dimensione foro e chiavetta

Specify the X dimension, the body type (A-B-C-D), bore and bracket key dimension

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
GRNWR1	VITE / SCREW	M6X10
LRWR145	CUNEO / WEDGE	14.5X9.2X5
LRWR185	CUNEO / WEDGE	18.5X9.2X5
012L15	COLTELLO / KNIFE	15X12X1.5
012L20	COLTELLO / KNIFE	20X12X1.5
012L30	COLTELLO / KNIFE	30X12X1.5





CODICE CODE	D mm	B mm	d mm	V
TFM70C.001	70	14	12/14/16/20	4
TFM70C.002	70	14	12/14/16/20	6

Specificare la quota X, la tipologia (A-B-C-D), dimensione foro e chiavetta

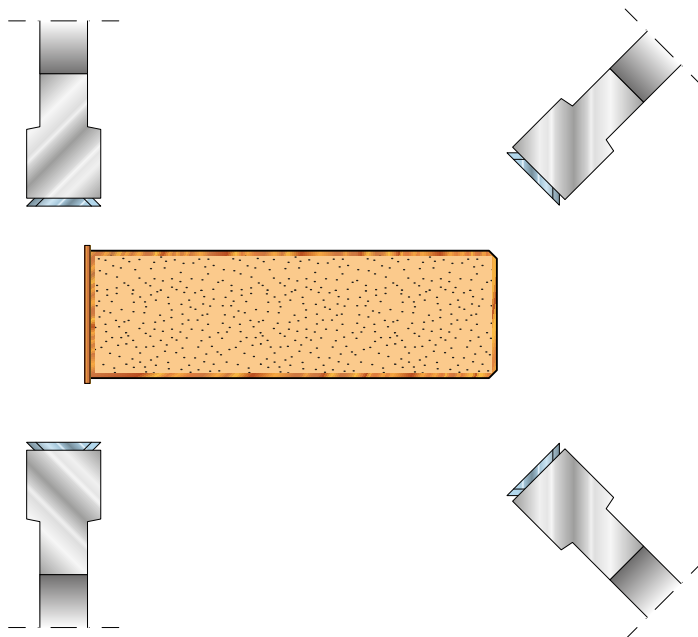
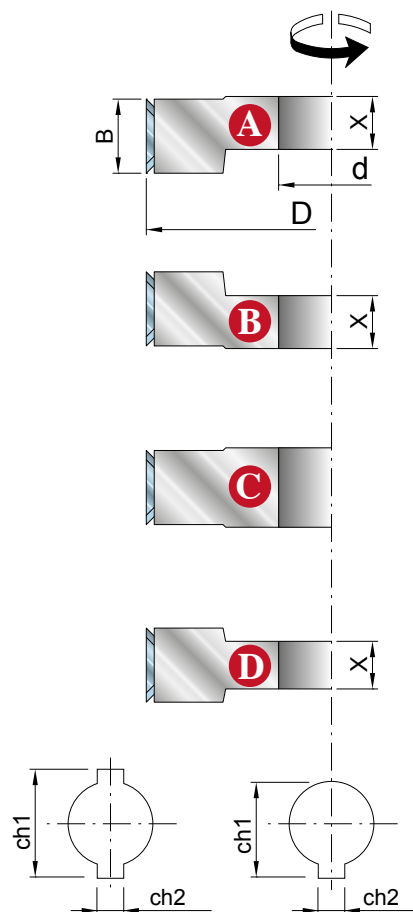
Specify the X dimension, the body type (A-B-C-D), bore and bracket key dimension

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRS6	VITE / SCREW	M5X7	
RSN2	RASANTE / SPUR	14X14X2	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

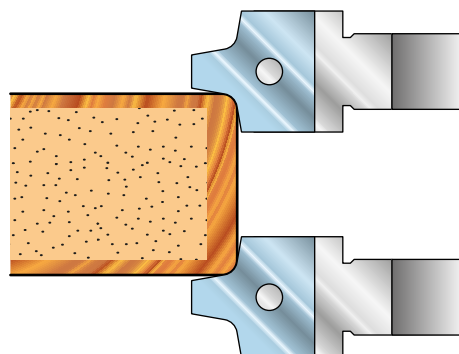
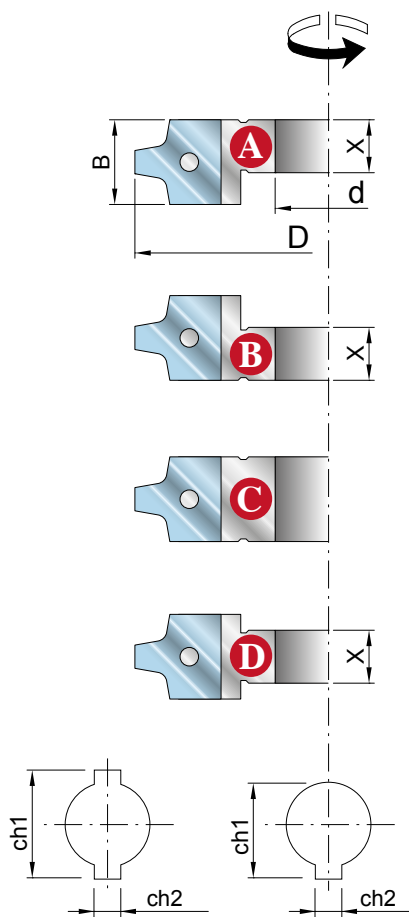
EN 847-1





Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



CODICE CODE	D mm	B mm	d mm	Z
TFM71B.001	73	16	12/14/16/20	4
TFM71B.005	82	16	12/14/16/20	4
TFM71B.006	82	16	12/14/16/20	6

Specificare la quota X, la tipologia (A-B-C-D), dimensione foro e chiavetta

Specify the X dimension, the body type (A-B-C-D), bore and bracket key dimension

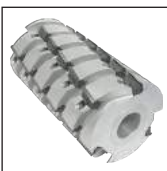
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
GRNWR1	VITE / SCREW	M6X10
LRWR145	CUNEO / WEDGE	14.5X9.2X5
CLT71/2	COLTELLO / KNIFE	16X17.5X2 R=2
CLT71/3	COLTELLO / KNIFE	16X17.5X2 R=3
CLT71/4	COLTELLO / KNIFE	16X17.5X2 R=4
CLT71/5	COLTELLO / KNIFE	16X17.5X2 R=5

Specificare il codice coltello / Specify the code knife

TESTE A FISSAGGIO MECCANICO A PIALLARE
PLANNER CUTTERHEADS

SEZIONE D
SECTION D



		Testa componibile per piallare Modular planner cutterhead	TFM93D pag.52
		Testa a piallare con coltelli reversibili in HM integrale Planner head with reversible HM knives	TFM94D pag.53
		Testa a piallare in lega leggera con coltelli in acciaio Planner cutterhead with HSS knives	TFM95D pag.54
		Testa a piallare con coltelli in acciaio e rasanti a 45° su carrelli regolabili Planner cutterhead with HSS knives with adjustable insert 45°	TFM114D pag.55
		Testa a piallare Centrolock Planner cutterhead with Centrolock system	TFM111D pag.56
		Testa a piallare Centrolock con coltelli profilati su carrelli regolabili Planner cutterhead with Centrolock system and adjustable insert	TFM112D pag.57
		Testa a piallare Centrolock con rasanti 14x14x2 su carrelli a 45° regolabili Planner cutterhead with Centrolock system and adjustable 45° knives	TFM115D pag.59
		Testa a piallare a serraggio idraulico Planner cutterhead with Hydro system	TFM96D pag.61
		Testa a piallare con taglienti alternati Planner cutterhead with alternate shear knives	TFM97D pag.63
		Testa a piallare con taglienti alternati Planner cutterhead with alternate shear knives	TFM98D pag.64
		Calibro di posizionamento coltelli Caliber to position knives	TFM100D pag.65
		Testa elicoidale con coltelli reversibili Helical cutterhead with reversible knives	TFM103D pag.66
		Testa elicoidale con coltelli reversibili Helical cutterhead with reversible knives	TFM113D pag.67
		Testa portacoltelli elicoidale per spianare Helical planner cutterhead	TFM104D pag.68
		Testa portacoltelli elicoidale per spianare Helical planner cutterhead	TFM105D pag.69
		Testa portacoltelli elicoidale per spianare Securblock Helical planner cutterhead Securblock system	TFM105DSB pag.70
		Testa rasante per pialle Trimming cutter for planning head	TFM106D pag.71
		Coppia di teste elicoidali per tenonatrici Helical cutterheads for double tenoning	TFM107D pag.72

TFM93D

Testa componibile per piallare

Modular planner cutterhead

D



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

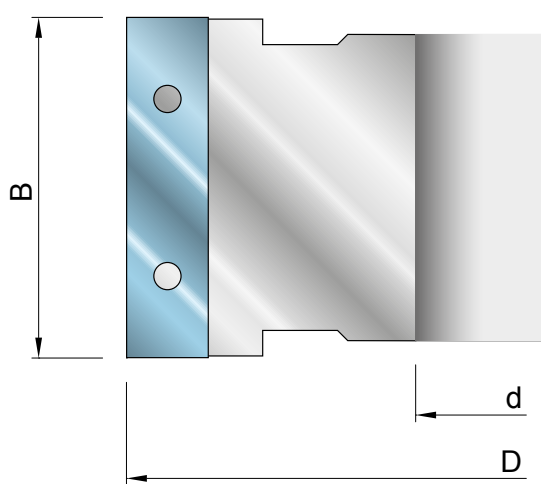
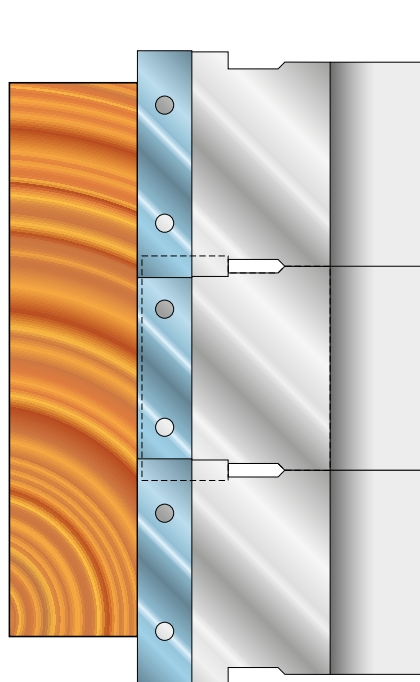
EN 847-1

CODICE CODE	D mm	B mm	d* mm	Z
TFM93D.001	100	30	35	4
TFM93D.002	100	40	35	4
TFM93D.003	100	50	35	4
TFM93D.004	125	30	35 (40)	4
TFM93D.005	125	40	35 (40)	4
TFM93D.006	125	50	35 (40)	4
TFM93D.007	140	30	35 (50)	4
TFM93D.008	140	40	35 (50)	4
TFM93D.009	140	50	35 (50)	4

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T29SB	CUNEO / WEDGE	29mm	
T39SB	CUNEO / WEDGE	39mm	
T49SB	CUNEO / WEDGE	49mm	
012L30	COLTELLO / KNIFE	30X12X1.5	
012L40	COLTELLO / KNIFE	40X12X1.5	
012L50	COLTELLO / KNIFE	50X12X1.5	

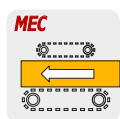
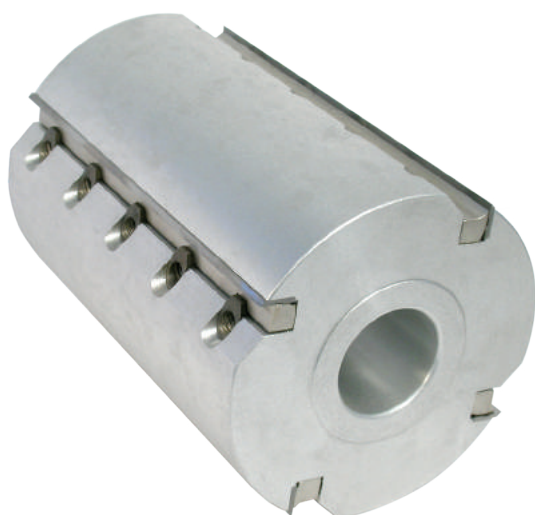


TFM94D

Testa a piallare con coltelli reversibili in HM
integrale in alluminio

Planner head with reversible HM knives

D



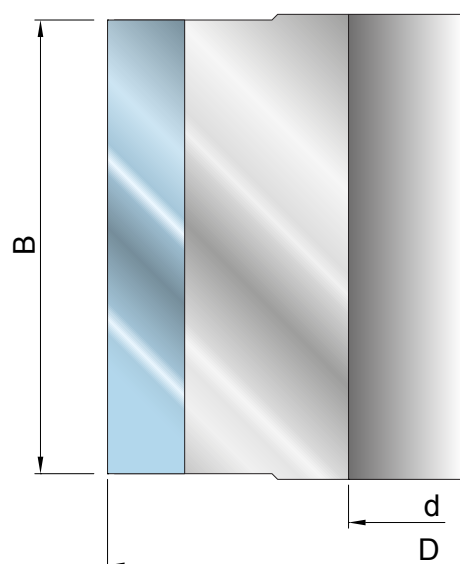
Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	B mm	d* mm	Z
TFM94D.001	100	80	35	4
TFM94D.002	100	100	35	4
TFM94D.003	100	120	35	4
TFM94D.004	100	184	35	4
TFM94D.005	100	220	35	4
TFM94D.006	100	230	35	4
TFM94D.007	120	80	35 (40)	4
TFM94D.008	120	100	35 (40)	4
TFM94D.009	120	120	35 (40)	4
TFM94D.010	120	184	35 (40)	4
TFM94D.011	120	220	35 (40)	4
TFM94D.012	120	230	35 (40)	4
TFM94D.013	125	80	35 (40)	4
TFM94D.014	125	100	35 (40)	4
TFM94D.015	125	120	35 (40)	4
TFM94D.016	125	184	35 (40)	4
TFM94D.017	125	220	35 (40)	4
TFM94D.018	125	230	35 (40)	4
TFM94D.019	125	250	35 (40)	4
TFM94D.020	140	80	35 (50)	4
TFM94D.021	140	100	35 (50)	4
TFM94D.022	140	120	35 (50)	4
TFM94D.023	140	184	35 (50)	4
TFM94D.024	140	220	35 (50)	4
TFM94D.025	140	230	35 (50)	4
TFM94D.026	140	250	35 (50)	4

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets



CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
GRN1DX-SX	VITE / SCREW	M8 - M6
OGV1SB	OGIVA / NUT	M8
CLT94D/80	COLTELLO / KNIFE	80X13.6X1.8
CLT94D/100	COLTELLO / KNIFE	100X13.6X1.8
CLT94D/120	COLTELLO / KNIFE	120X13.6X1.8
CLT94D/184	COLTELLO / KNIFE	184X13.6X1.8
CLT94D/220	COLTELLO / KNIFE	220X13.6X1.8
CLT94D/230	COLTELLO / KNIFE	230X13.6X1.8
CLT94D/240	COLTELLO / KNIFE	240X13.6X1.8
CLT94D/250	COLTELLO / KNIFE	250X13.6X1.8

CENTERINOX

TFM95D

Testa a piallare in lega leggera
con coltelli in acciaio

Planner cutterhead with HSS knives

D



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

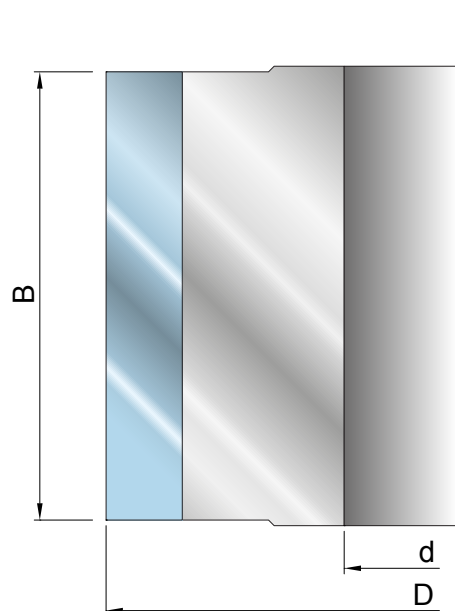
EN 847-1

CODICE CODE	D mm	B mm	d* mm	Z
TFM95D.001	100	120	35	4
TFM95D.002	100	180	35	4
TFM95D.003	100	190	35	4
TFM95D.004	125	120	35 (40)	4
TFM95D.005	125	130	35 (40)	4
TFM95D.006	125	150	35 (40)	4
TFM95D.007	125	160	35 (40)	4
TFM95D.008	125	180	35 (40)	4
TFM95D.009	125	190	35 (40)	4
TFM95D.010	125	200	35 (40)	4
TFM95D.011	125	230	35 (40)	4
TFM95D.012	125	250	35 (40)	4
TFM95D.013	140	120	35 (50)	4
TFM95D.014	140	130	35 (50)	4
TFM95D.015	140	150	35 (50)	4
TFM95D.016	140	160	35 (50)	4
TFM95D.017	140	180	35 (50)	4
TFM95D.018	140	190	35 (50)	4
TFM95D.019	140	200	35 (50)	4
TFM95D.020	140	230	35 (50)	4
TFM95D.021	140	250	35 (50)	4

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

Costruzione alluminio, per acciaio +15% / Aluminium made, for steel made +15%



CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
GRN6	VITE / SCREW	M8X20
CLT95D/120	COLTELLO / KNIFE	120X30X3
CLT95D/130	COLTELLO / KNIFE	130X30X3
CLT95D/150	COLTELLO / KNIFE	150X30X3
CLT95D/160	COLTELLO / KNIFE	160X30X3
CLT95D/180	COLTELLO / KNIFE	180X30X3
CLT95D/190	COLTELLO / KNIFE	190X30X3
CLT95D/200	COLTELLO / KNIFE	200X30X3
CLT95D/230	COLTELLO / KNIFE	230X30X3
CLT95D/240	COLTELLO / KNIFE	240X30X3
CLT95D/250	COLTELLO / KNIFE	250X30X3

TFM114D

Testa a piallare con coltelli in acciaio
e rasanti a 45° su carrelli regolabili

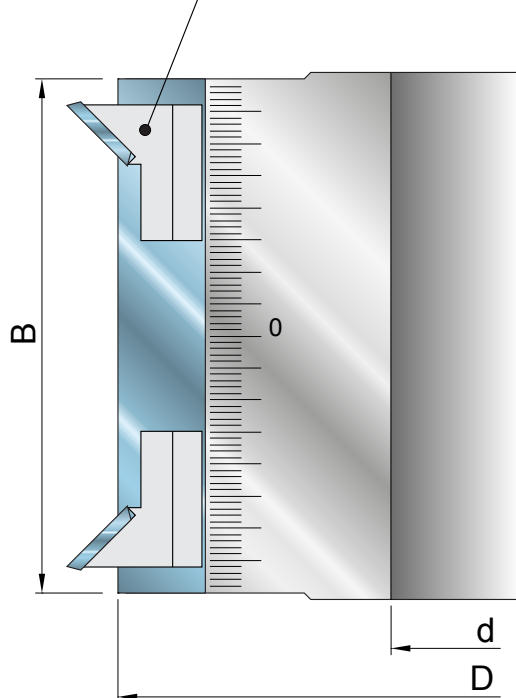
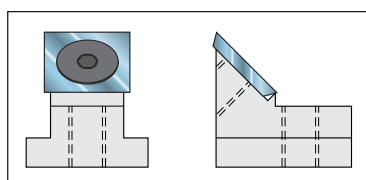
Planner cutterhead with HSS knives with
adjustable insert 45°

D



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



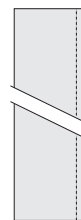
CODICE CODE	D mm	B mm	d* mm	Z
TFM114D.001	125	120	35 (40)	2+2
TFM114D.002	125	130	35 (40)	2+2
TFM114D.003	125	150	35 (40)	2+2
TFM114D.004	125	160	35 (40)	2+2
TFM114D.005	125	180	35 (40)	2+2
TFM114D.006	125	190	35 (40)	2+2
TFM114D.007	125	200	35 (40)	2+2
TFM114D.008	125	230	35 (40)	2+2
TFM114D.009	125	240	35 (40)	2+2
TFM114D.010	125	250	35 (40)	2+2
TFM114D.011	140	120	35 (50)	3+3
TFM114D.012	140	130	35 (50)	3+3
TFM114D.013	140	150	35 (50)	3+3
TFM114D.014	140	160	35 (50)	3+3
TFM114D.015	140	180	35 (50)	3+3
TFM114D.016	140	190	35 (50)	3+3
TFM114D.017	140	200	35 (50)	3+3
TFM114D.018	140	230	35 (50)	3+3
TFM114D.019	140	240	35 (50)	3+3
TFM114D.020	140	250	35 (50)	3+3

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

Costruzione alluminio, per acciaio +15% / Aluminium made, for steel made +15%

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
VRS6	VITE / SCREW	M5X7
RSN1	RASANTE / SPUR	14X14X2
GRN5	VITE / SCREW	M6X12
CARR5DX	SUPPORTOMOBILE	MOBILE SUPPORT
CARR5SX	SUPPORTOMOBILE	MOBILE SUPPORT
GRN6	VITE / SCREW	M8X20
CLT95D/120	COLTELLO / KNIFE	120X30X3
CLT95D/130	COLTELLO / KNIFE	130X30X3
CLT95D/150	COLTELLO / KNIFE	150X30X3
CLT95D/160	COLTELLO / KNIFE	160X30X3
CLT95D/180	COLTELLO / KNIFE	180X30X3
CLT95D/190	COLTELLO / KNIFE	190X30X3
CLT95D/200	COLTELLO / KNIFE	200X30X3
CLT95D/230	COLTELLO / KNIFE	230X30X3
CLT95D/240	COLTELLO / KNIFE	240X30X3
CLT95D/250	COLTELLO / KNIFE	250X30X3



CENTERINOX

TFM111D

Testa a piallare Centrolock

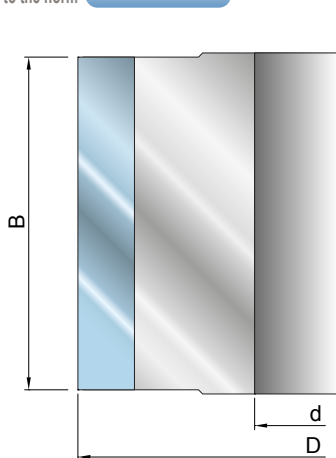
Planner cutterhead with Centrolock system

D



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



CODICE CODE	D mm	B mm	d* mm	Z
TFM111D.001	125	130	40	2
TFM111D.002	125	150	40	2
TFM111D.003	125	170	40	2
TFM111D.004	125	180	40	2
TFM111D.005	125	190	40	2
TFM111D.006	125	210	40	2
TFM111D.007	125	230	40	2
TFM111D.008	125	240	40	2
TFM111D.009	125	260	40	2
TFM111D.010	125	270	40	2
TFM111D.011	125	310	40	2
TFM111D.012	140	130	40 (50)	2
TFM111D.013	140	150	40 (50)	2
TFM111D.014	140	170	40 (50)	2
TFM111D.015	140	180	40 (50)	2
TFM111D.016	140	190	40 (50)	2
TFM111D.017	140	210	40 (50)	2
TFM111D.018	140	230	40 (50)	2
TFM111D.019	140	240	40 (50)	2
TFM111D.020	140	260	40 (50)	2
TFM111D.021	140	270	40 (50)	2
TFM111D.022	140	310	40 (50)	2
TFM111D.023	125	130	40	4
TFM111D.024	125	150	40	4
TFM111D.025	125	170	40	4
TFM111D.026	125	180	40	4
TFM111D.027	125	190	40	4
TFM111D.028	125	210	40	4
TFM111D.029	125	230	40	4
TFM111D.030	125	240	40	4
TFM111D.031	125	260	40	4
TFM111D.032	125	270	40	4
TFM111D.033	125	310	40	4
TFM111D.034	140	130	40 (50)	4
TFM111D.035	140	150	40 (50)	4
TFM111D.036	140	170	40 (50)	4
TFM111D.037	140	180	40 (50)	4
TFM111D.038	140	190	40 (50)	4
TFM111D.039	140	210	40 (50)	4
TFM111D.040	140	230	40 (50)	4
TFM111D.041	140	240	40 (50)	4
TFM111D.042	140	260	40 (50)	4
TFM111D.043	140	270	40 (50)	4
TFM111D.044	140	310	40 (50)	4

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

Costruzione alluminio / aluminium made

Per costruzione acciaio +15% / For steel made +15%

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
GRN6	VITE / SCREW	M8X20
CLT111D/130	COLTELLO / KNIFE	130X16X3
CLT111D/150	COLTELLO / KNIFE	150X16X3
CLT111D/170	COLTELLO / KNIFE	170X16X3
CLT111D/180	COLTELLO / KNIFE	180X16X3
CLT111D/190	COLTELLO / KNIFE	190X16X3
CLT111D/210	COLTELLO / KNIFE	210X16X3
CLT111D/230	COLTELLO / KNIFE	230X16X3
CLT111D/240	COLTELLO / KNIFE	240X16X3
CLT111D/260	COLTELLO / KNIFE	260X16X3
CLT111D/270	COLTELLO / KNIFE	270X16X3
CLT111D/310	COLTELLO / KNIFE	310X16X3

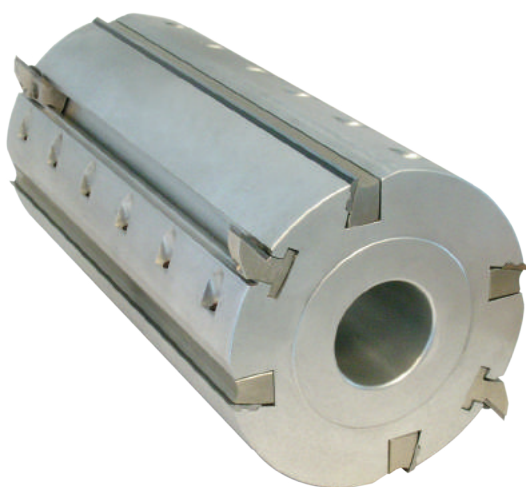
COLTELLO
CENTROLOCK
HSS

TFM112D

Testa a piallare Centrolock con coltelli profilati su carrelli regolabili

Planner cutterhead with Centrolock system and adjustable knives

D



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	B mm	d* mm	Z
TFM112D.001	125	130	40	2+2
TFM112D.002	125	150	40	2+2
TFM112D.003	125	170	40	2+2
TFM112D.004	125	180	40	2+2
TFM112D.005	125	190	40	2+2
TFM112D.006	125	210	40	2+2
TFM112D.007	125	230	40	2+2
TFM112D.008	125	240	40	2+2
TFM112D.009	125	260	40	2+2
TFM112D.010	125	270	40	2+2
TFM112D.011	125	310	40	2+2
TFM112D.012	140	130	40 (50)	4+2
TFM112D.013	140	150	40 (50)	4+2
TFM112D.014	140	170	40 (50)	4+2
TFM112D.015	140	180	40 (50)	4+2
TFM112D.016	140	190	40 (50)	4+2
TFM112D.017	140	210	40 (50)	4+2
TFM112D.018	140	230	40 (50)	4+2
TFM112D.019	140	240	40 (50)	4+2
TFM112D.020	140	260	40 (50)	4+2
TFM112D.021	140	270	40 (50)	4+2
TFM112D.022	140	310	40 (50)	4+2

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

Costruzione alluminio / aluminium made - Per costruzione acciaio +15% / For steel made +15%

CODICE CODE	COLT. KNIFE	R	RIF	CODICE CODE	COLT. KNIFE	R	RIF	CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
CLT112D/R3B 27X20X2		3	B	CLT112D/R3A 27X20X2		3	A	GRN5	VITE / SCREW	M6X12	
CLT112D/R4B 27X20X2		4	B	CLT112D/R4A 27X20X2		4	A	CARR4-A	SUPPORTO MOBILE	MOBILE SUPPORT	
CLT112D/R5B 27X20X2		5	B	CLT112D/R5A 27X20X2		5	A	CARR4-B	SUPPORTO MOBILE	MOBILE SUPPORT	
CLT112D/R6B 27X20X2		6	B	CLT112D/R6A 27X20X2		6	A	GRN6	VITE / SCREW	M8X20	
CLT112D/R7B 27X20X2		7	B	CLT112D/R7A 27X20X2		7	A	CLT111D/130	COLTELLO/KNIFE	130X16X3	
CLT112D/R8B 27X20X2		8	B	CLT112D/R8A 27X20X2		8	A	CLT111D/150	COLTELLO/KNIFE	150X16X3	
CLT112D/R9B 27X20X2		9	B	CLT112D/R9A 27X20X2		9	A	CLT111D/170	COLTELLO/KNIFE	170X16X3	
CLT112D/R10B 27X20X2		10	B	CLT112D/R10A 27X20X2		10	A	CLT111D/180	COLTELLO/KNIFE	180X16X3	
CLT112D/45B 27X20X2		45°	B	CLT112D/45A 27X20X2		45°	A	CLT111D/190	COLTELLO/KNIFE	190X16X3	
								CLT111D/210	COLTELLO/KNIFE	210X16X3	
								CLT111D/230	COLTELLO/KNIFE	230X16X3	
								CLT111D/240	COLTELLO/KNIFE	240X16X3	
								CLT111D/260	COLTELLO/KNIFE	260X16X3	
								CLT111D/270	COLTELLO/KNIFE	270X16X3	
								CLT111D/310	COLTELLO/KNIFE	310X16X3	

COLTELLO
CENTROLOCK
HSS

CENTERINOX

TFM112D

Testa a piallare Centrolock con coltelli profilati
su carrelli regolabili

Planner cutterhead with Centrolock system
with adjustable profiled knives

D

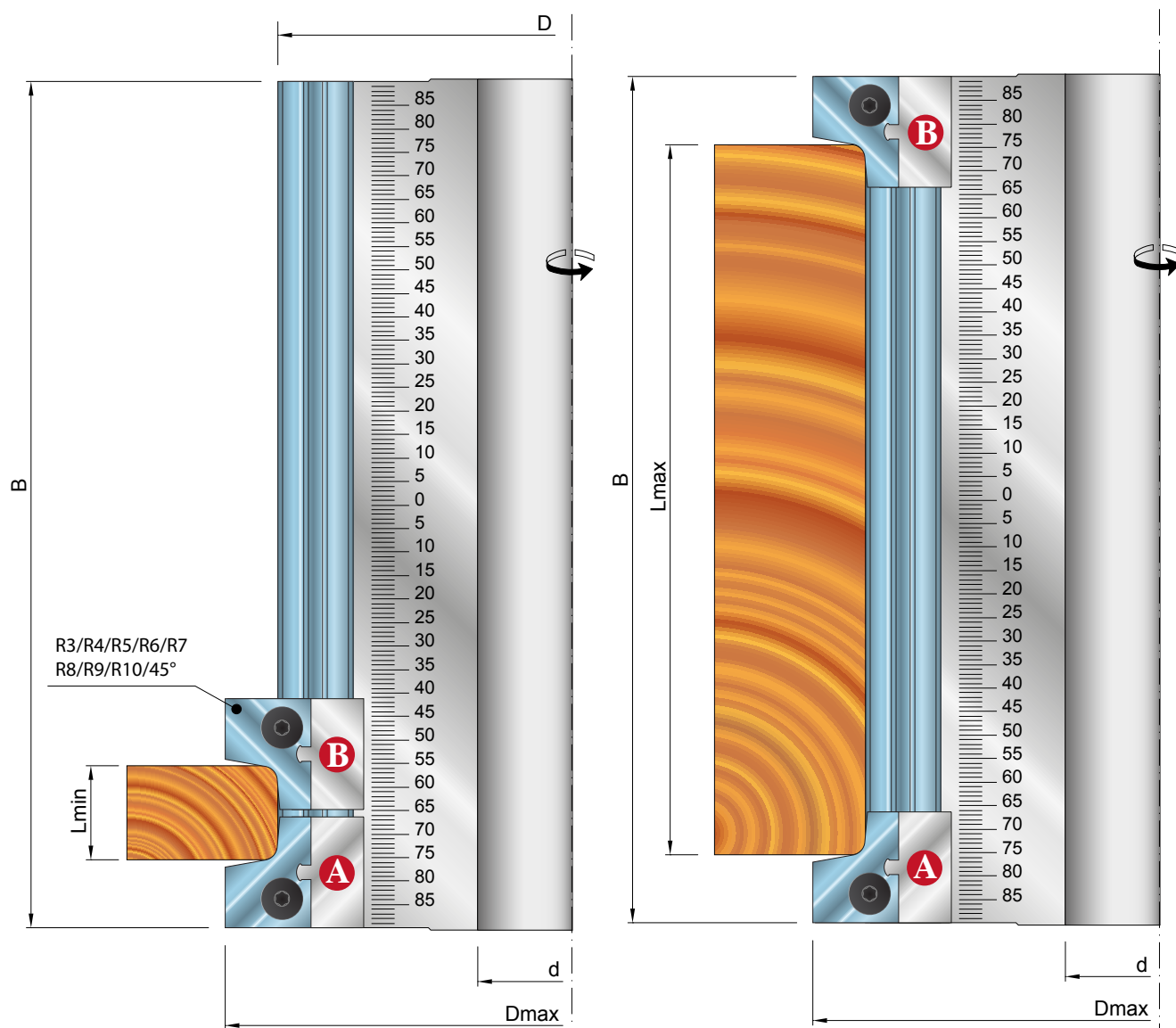


TABELLA PROGRAMMAZIONE / PLANNING TABLE

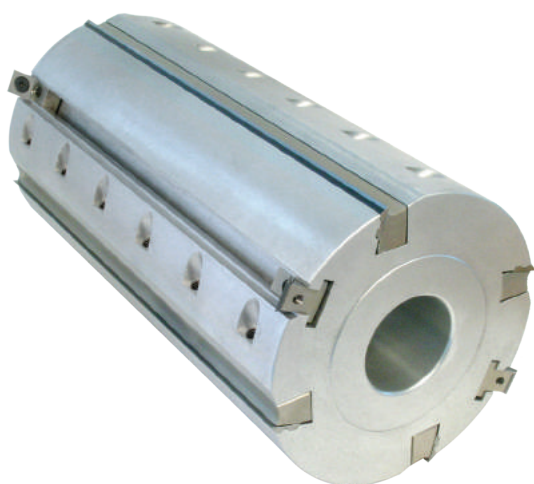
RAGGIO RADIUS	Lmin mm	Lmax mm
3	20	B-28
4	22	B-26
5	22	B-26
6	23	B-25
7	23	B-25
8	24	B-24
9	24	B-24
10	25	B-23
45°	24 (8.5X45°)	B-25

TFM115D

Testa a piallare Centrolock con rasanti 14x14x2
su carrelli 45° regolabili

Planner cutterhead with Centrolock system
and adjustable 45° knives

D



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	B mm	d* mm	Z
TFM115D.001	125	130	40	2+2
TFM115D.002	125	150	40	2+2
TFM115D.003	125	170	40	2+2
TFM115D.004	125	180	40	2+2
TFM115D.005	125	190	40	2+2
TFM115D.006	125	210	40	2+2
TFM115D.007	125	230	40	2+2
TFM115D.008	125	240	40	2+2
TFM115D.009	125	260	40	2+2
TFM115D.010	125	270	40	2+2
TFM115D.011	125	310	40	2+2
TFM115D.012	140	130	40 (50)	4+2
TFM115D.013	140	150	40 (50)	4+2
TFM115D.014	140	170	40 (50)	4+2
TFM115D.015	140	180	40 (50)	4+2
TFM115D.016	140	190	40 (50)	4+2
TFM115D.017	140	210	40 (50)	4+2
TFM115D.018	140	230	40 (50)	4+2
TFM115D.019	140	240	40 (50)	4+2
TFM115D.020	140	260	40 (50)	4+2
TFM115D.021	140	270	40 (50)	4+2
TFM115D.022	140	310	40 (50)	4+2

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

Costruzione alluminio / aluminium made - Per costruzione acciaio +15% / For steel made +15%

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
VRS6	VITE / SCREW	M5X7
RSN1	RASANTE / SPUR	14X14X2
GRN5	VITE / SCREW	M6X12
CARR5DX	SUPPORTO MOBILE	MOBILE SUPPORT
CARR5SX	SUPPORTO MOBILE	MOBILE SUPPORT

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
GRN6	VITE / SCREW	M8X20
CLT111D/130	COLTELLO / KNIFE	130X16X3
CLT111D/150	COLTELLO / KNIFE	150X16X3
CLT111D/170	COLTELLO / KNIFE	170X16X3
CLT111D/180	COLTELLO / KNIFE	180X16X3
CLT111D/190	COLTELLO / KNIFE	190X16X3
CLT111D/210	COLTELLO / KNIFE	210X16X3
CLT111D/230	COLTELLO / KNIFE	230X16X3
CLT111D/240	COLTELLO / KNIFE	240X16X3
CLT111D/260	COLTELLO / KNIFE	260X16X3
CLT111D/270	COLTELLO / KNIFE	270X16X3
CLT111D/310	COLTELLO / KNIFE	310X16X3

COLTELLO
CENTROLOCK
HSS

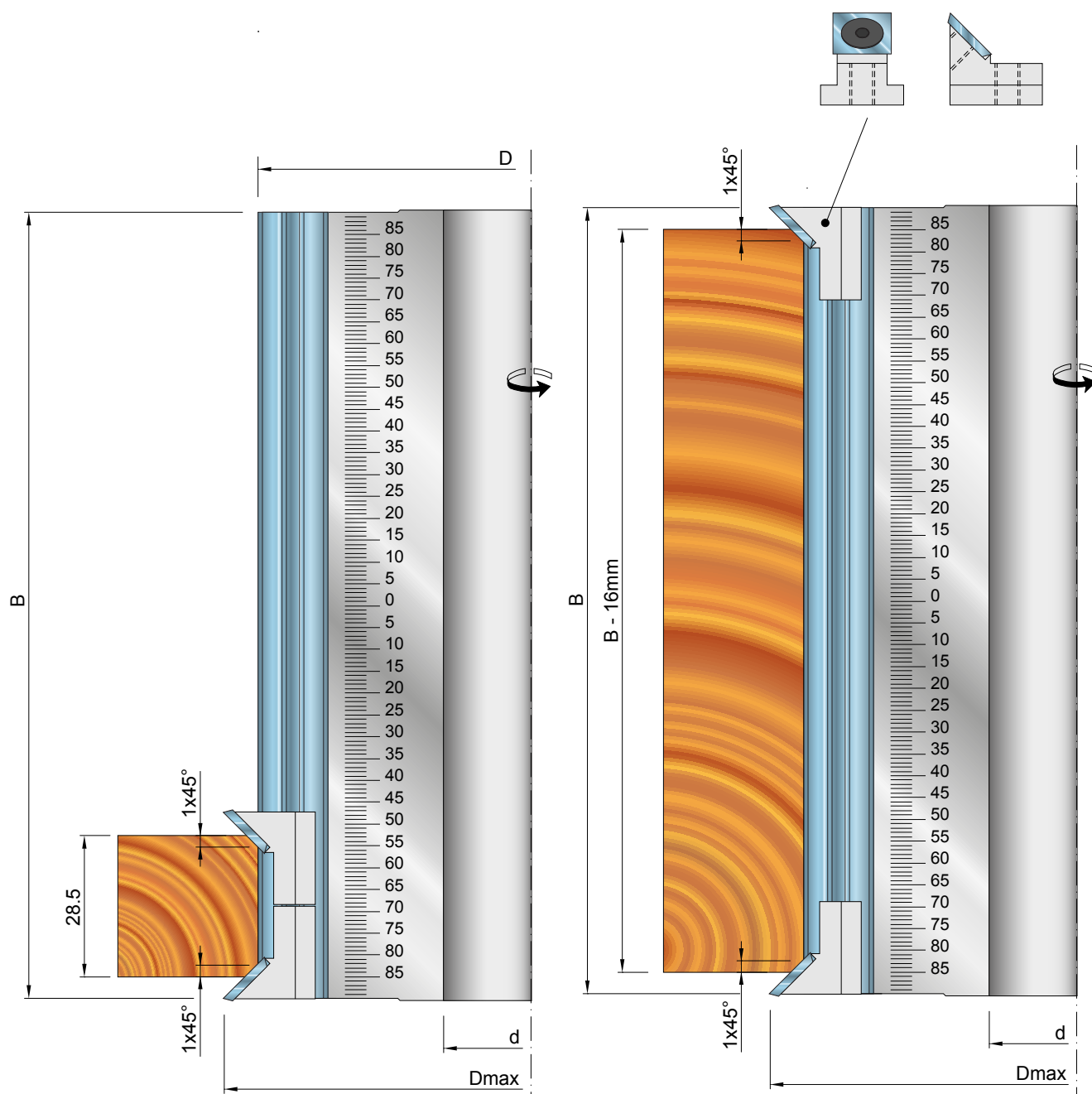
CENTERINOX

TFM115D

Testa a piallare Centrolock con rasanti 14x14x2
su carrelli a 45° regolabili

*Planner cutterhead with Centrolock system
with adjustable 45° knives*

D

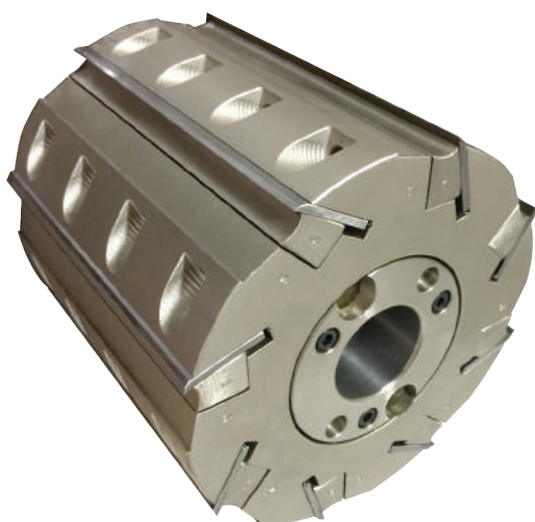


TFM96D

Testa a piallare a serraggio idraulico

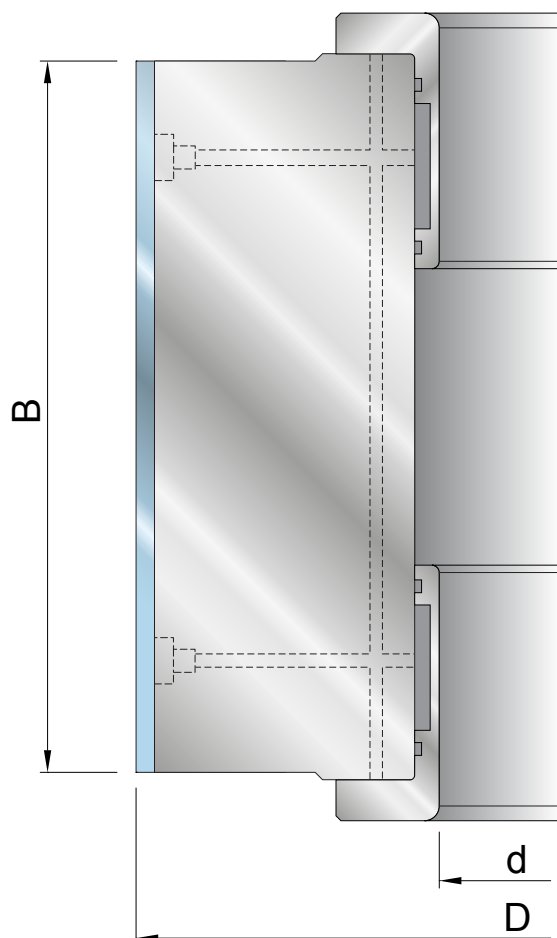
Planner cutterhead with hydro system

D



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



CODICE CODE	D mm	B mm	d mm	Z
TFM96D.001	143	60	40	4
TFM96D.002	143	100	40	4
TFM96D.003	143	130	40	4
TFM96D.004	143	150	40	4
TFM96D.005	143	160	40	4
TFM96D.006	143	230	40	4
TFM96D.007	163	60	50/60	4
TFM96D.008	163	100	50/60	4
TFM96D.009	163	130	50/60	4
TFM96D.010	163	150	50/60	4
TFM96D.011	163	160	50/60	4
TFM96D.012	163	180	50/60	4
TFM96D.013	163	230	50/60	4
TFM96D.014	163	260	50/60	4
TFM96D.015	163	60	50/60	6
TFM96D.016	163	100	50/60	6
TFM96D.017	163	130	50/60	6
TFM96D.018	163	150	50/60	6
TFM96D.019	163	160	50/60	6
TFM96D.020	163	180	50/60	6
TFM96D.021	163	230	50/60	6
TFM96D.022	163	260	50/60	6
TFM96D.023	203	150	50/60	6
TFM96D.024	203	230	50/60	6
TFM96D.025	163	60	50/60	8
TFM96D.026	163	100	50/60	8
TFM96D.027	163	130	50/60	8
TFM96D.028	163	150	50/60	8
TFM96D.029	163	160	50/60	8
TFM96D.030	163	180	50/60	8
TFM96D.031	163	230	50/60	8
TFM96D.032	163	260	50/60	8
TFM96D.033	203	150	50/60	8
TFM96D.034	203	230	50/60	8
TFM96D.035	203	150	50/60	10
TFM96D.036	203	230	50/60	10
TFM96D.037	203	240	50/60	10
TFM96D.038	203	250	50/60	10

CENTERINOX

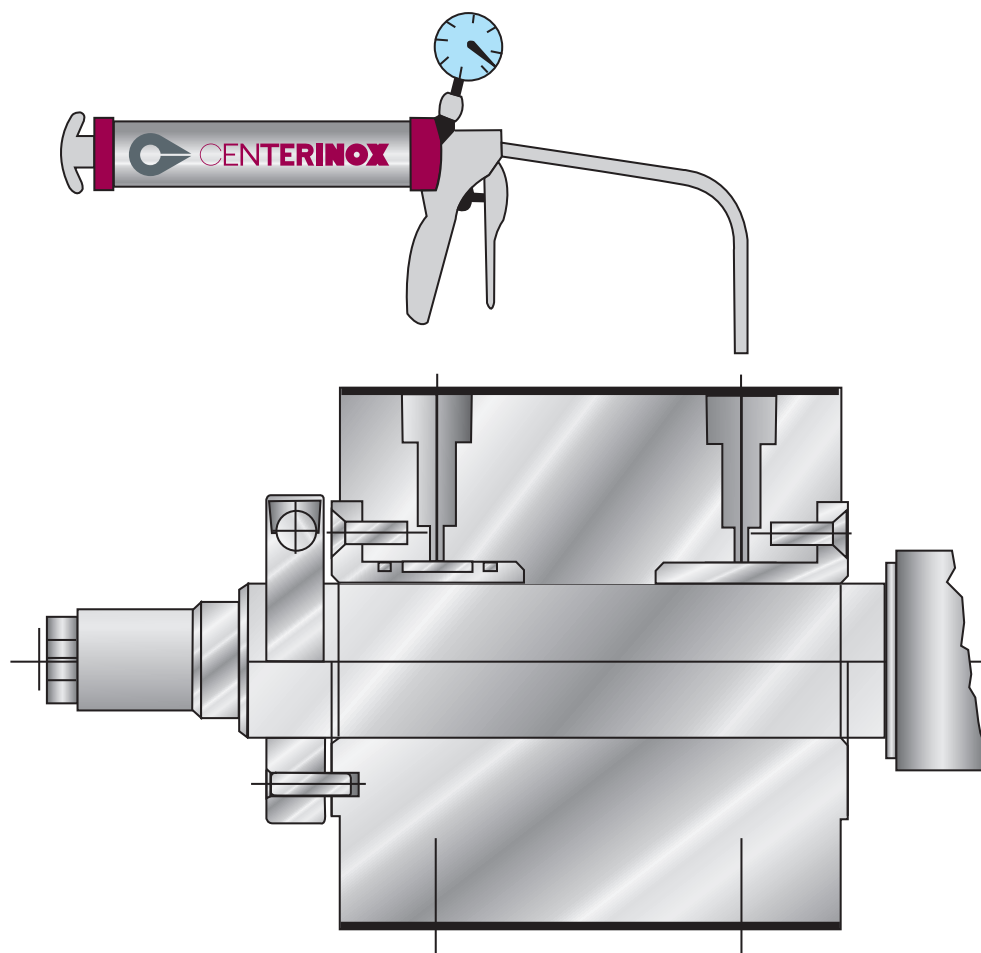
TFM96D

Testa a piallare a serraggio idraulico

Planner cutterheads with hydro system

D

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
GRN6	VITE / SCREW	M8X20
CLT96D/60	COLTELLO / KNIFE	60X30X3
CLT96D/100	COLTELLO / KNIFE	100X30X3
CLT96D/130	COLTELLO / KNIFE	130X30X3
CLT96D/150	COLTELLO / KNIFE	150X30X3
CLT96D/160	COLTELLO / KNIFE	160X30X3
CLT96D/180	COLTELLO / KNIFE	180X30X3
CLT96D/230	COLTELLO / KNIFE	230X30X3
CLT96D/240	COLTELLO / KNIFE	240X30X3
CLT96D/260	COLTELLO / KNIFE	260X30X3

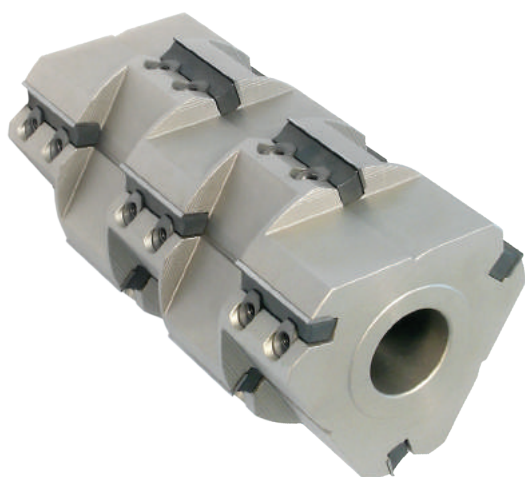


TFM97D

Testa a piallare con taglienti alternati

Planver cutterhead with alternate shear knives

D



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

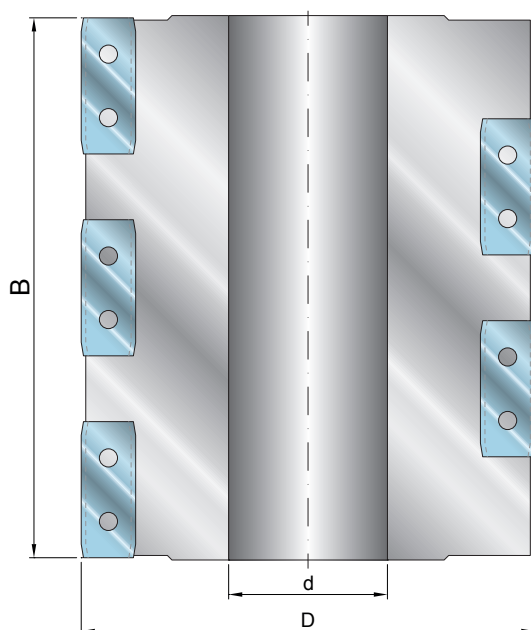
EN 847-1

CODICE CODE	D mm	B mm	d* mm	Z
TFM97D.001	100	120	35	15
TFM97D.002	100	184	35	21
TFM97D.003	100	190	35	24
TFM97D.004	120	118	40	15
TFM97D.005	120	184	40	21
TFM97D.006	120	220	40	27
TFM97D.007	120	230	40	27
TFM97D.008	125	118	40	15
TFM97D.009	125	140	40	15
TFM97D.010	125	184	40	21
TFM97D.011	125	220	40	27
TFM97D.012	125	230	40	27
TFM97D.013	125	250	40	33
TFM97D.014	140	118	40 (50)	15
TFM97D.015	140	184	40 (50)	21
TFM97D.016	140	220	40 (50)	27
TFM97D.017	140	230	40 (50)	27
TFM97D.018	140	250	40 (50)	33

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

Costruzione alluminio, per acciaio +15% / Aluminium made, for steel made +15%



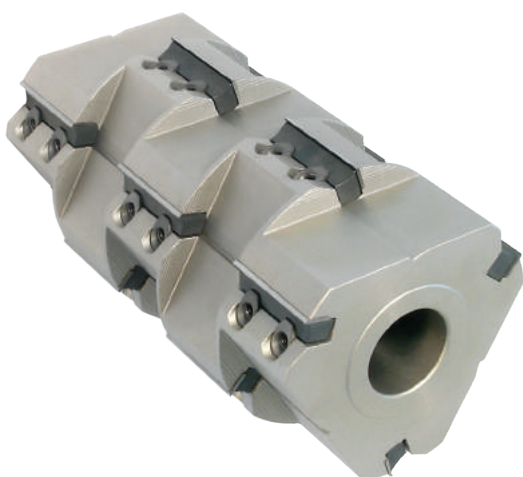
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
GRN1DX-SX	VITE / SCREW	M8-M6 
OGV1SB	OGIVA / NUT	M8 
T29SB	CUNEO / WEDGE	29mm 
CLT97D	COLTELLO / KNIFE	30X12X1.5 35° A BOTTE 

TFM98D

Testa a piallare con taglienti alternati

Planner cuttehead with alternate shear knives

D



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

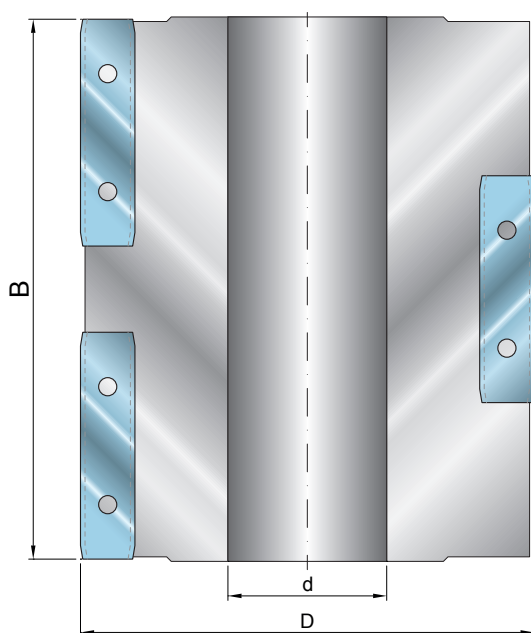
EN 847-1

CODICE CODE	D mm	B mm	d mm	Z
TFM98D.001	100	120	35	9
TFM98D.002	100	184	35	12
TFM98D.003	100	190	35	15
TFM98D.004	120	118	40	9
TFM98D.005	120	184	40	12
TFM98D.006	120	220	40	15
TFM98D.007	120	230	40	15
TFM98D.008	125	118	40	9
TFM98D.009	125	140	40	9
TFM98D.010	125	184	40	12
TFM98D.011	125	220	40	15
TFM98D.012	125	230	40	15
TFM98D.013	125	250	40	18
TFM98D.014	140	118	40 (50)	9
TFM98D.015	140	184	40 (50)	12
TFM98D.016	140	220	40 (50)	15
TFM98D.017	140	230	40 (50)	15
TFM98D.018	140	250	40 (50)	18

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

Costruzione alluminio, per acciaio +15% / Aluminium made, for steel made +15%



CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T49SB	CUNEO / WEDGE	49mm	
CLT98D	COLTELLO / KNIFE	50X12X1.5 35° A BOTTE	

TFM100D

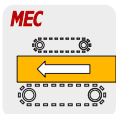
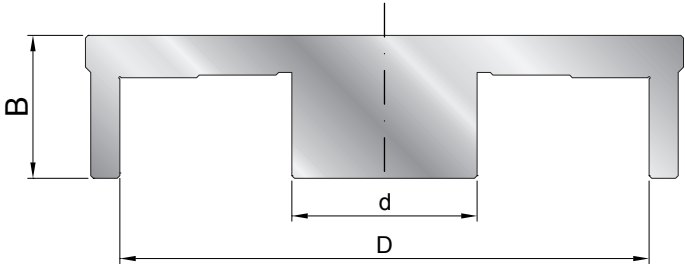
Calibri posizionamento coltelli

Calibers to position knives

D

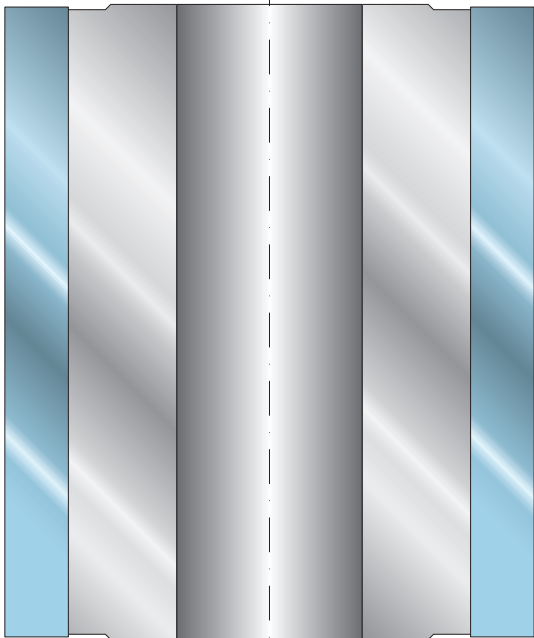
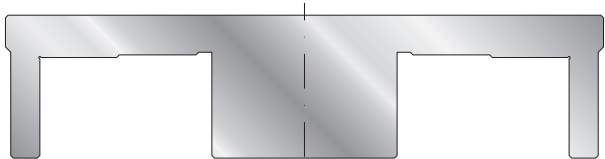


CODICE CODE	D mm	B mm	d mm
TFM100D.001	100	30	30/35
TFM100D.002	120	30	30/35/40/50
TFM100D.003	125	30	30/35/40/50
TFM100D.004	140	30	30/35/40/50



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



CENTERINOX

TFM103D

Testa elicoidali con coltelli reversibili

Helical cutterhead with reversible knives

D



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

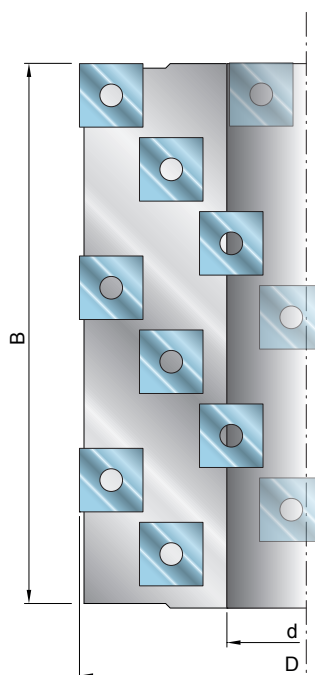
CODICE CODE	D mm	B mm	d* mm	Z
TFM103D.001	100	120	35	27
TFM103D.002	100	140	35	33
TFM103D.003	100	190	35	42
TFM103D.004	120	118	40	27
TFM103D.005	120	184	40	42
TFM103D.006	120	220	40	51
TFM103D.007	120	230	40	51
TFM103D.008	125	118	40 (50)	27
TFM103D.009	125	140	40 (50)	33
TFM103D.010	125	184	40 (50)	42
TFM103D.011	125	220	40 (50)	51
TFM103D.012	125	230	40 (50)	51
TFM103D.013	125	250	40 (50)	57
TFM103D.014	140	118	40 (50)	27
TFM103D.015	140	184	40 (50)	42
TFM103D.016	140	220	40 (50)	51
TFM103D.017	140	230	40 (50)	51
TFM103D.018	140	250	40 (50)	57

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

Costruzione alluminio, per acciaio +15% / Aluminium made, for steel made +15%

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRS6	VITE / SCREW	M5X7	
CLT103D	COLTELLO / KNIFE	14X14X2 SMUSSATI	



TFM113D

Testa elicoidale con coltelli reversibili

Helical cutterhead with reversible knives

D



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

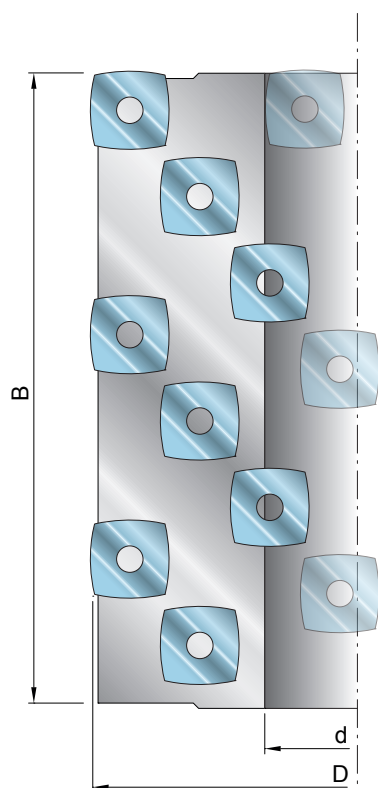
EN 847-1

CODICE CODE	D mm	B mm	d* mm	Z
TFM113D.001	100	120	35	27
TFM113D.002	100	140	35	33
TFM113D.003	100	190	35	42
TFM113D.004	120	118	40	27
TFM113D.005	120	184	40	42
TFM113D.006	120	220	40	51
TFM113D.007	120	230	40	51
TFM113D.008	125	118	40 (50)	27
TFM113D.009	125	140	40 (50)	33
TFM113D.010	125	184	40 (50)	42
TFM113D.011	125	220	40 (50)	51
TFM113D.012	125	230	40 (50)	51
TFM113D.013	125	250	40 (50)	57
TFM113D.014	140	118	40 (50)	27
TFM113D.015	140	184	40 (50)	42
TFM113D.016	140	220	40 (50)	51
TFM113D.017	140	230	40 (50)	51
TFM113D.018	140	250	40 (50)	57

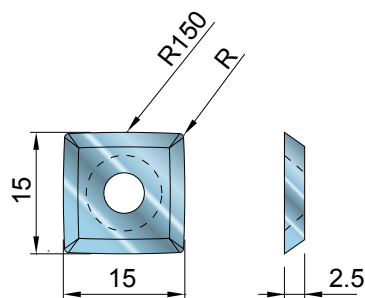
* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

Costruzione alluminio, per acciaio +15% / Aluminium made, for steel made +15%



CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VT051	VITE / SCREW	M5X12.6	
RSN150	COLTELLO / KNIFE	15X15X2.5 R150	



Dettaglio
Spare part detail

CENTERINOX

TFM104D

Testa portacoltelli elicoidale per spianare

Helical planner cutterhead

D



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

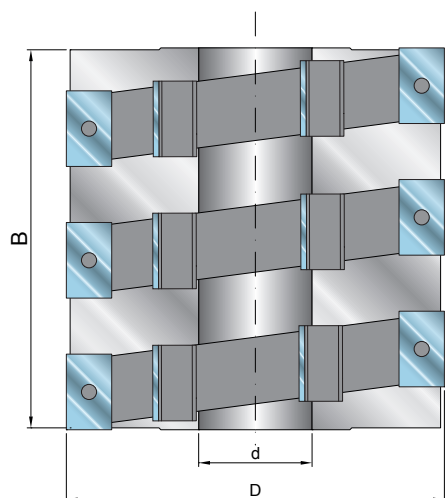
CODICE CODE	D mm	B mm	d* mm	Z
TFM104D.001	100	120	35	21
TFM104D.002	100	140	35	24
TFM104D.003	100	190	35	33
TFM104D.004	120	118	35 (40)	21
TFM104D.005	120	184	35 (40)	33
TFM104D.006	120	220	35 (40)	36
TFM104D.007	120	230	35 (40)	39
TFM104D.008	125	118	35 (40)	21
TFM104D.009	125	140	35 (40)	24
TFM104D.010	125	184	35 (40)	33
TFM104D.011	125	220	35 (40)	36
TFM104D.012	125	230	35 (40)	39
TFM104D.013	125	250	35 (40)	42
TFM104D.014	140	118	40 (50)	21
TFM104D.015	140	184	40 (50)	33
TFM104D.016	140	220	40 (50)	36
TFM104D.017	140	230	40 (50)	39
TFM104D.018	140	250	40 (50)	42

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

Costruzione solo in acciaio / Construction only steel

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
GRN1DX-SX	VITE / SCREW	M8-M6
T19SB	CUNEO / WEDGE	19mm
CLT104D	COLTELLO / KNIFE	20X12X1.5 35° A BOTTE



TFM105D

Testa portacoltelli elicoidale per spianare

Helical planner cutterhead

D



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

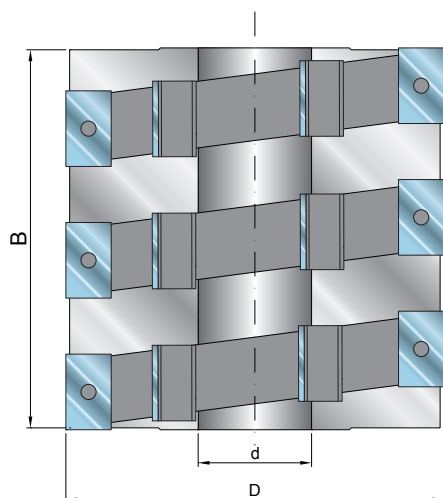
CODICE CODE	D mm	B mm	d* mm	Z
TFM105D.001	100	120	35	15
TFM105D.002	100	140	35	18
TFM105D.003	100	190	35	27
TFM105D.004	120	118	35 (40)	15
TFM105D.005	120	184	35 (40)	24
TFM105D.006	120	220	35 (40)	30
TFM105D.007	120	230	35 (40)	30
TFM105D.008	125	118	35 (40)	15
TFM105D.009	125	140	35 (40)	18
TFM105D.010	125	184	35 (40)	24
TFM105D.011	125	220	35 (40)	30
TFM105D.012	125	230	35 (40)	30
TFM105D.013	125	250	35 (40)	30
TFM105D.014	140	118	40 (50)	15
TFM105D.015	140	184	40 (50)	24
TFM105D.016	140	220	40 (50)	30
TFM105D.017	140	230	40 (50)	30
TFM105D.018	140	250	40 (50)	30

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

Costruzione alluminio, per acciaio +15% / Aluminium made, for steel made +15%

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
GRN1DX-SX	VITE / SCREW	M8-M6 
T29SB	CUNEO / WEDGE	29mm 
CLT105D	COLTELLO / KNIFE	30X12X1.5 40° A BOTTE 



CENTERINOX

TFM105DSB

Testa portacoltelli elicoidale per spianare

Helical planner cutterhead securblock system

D



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

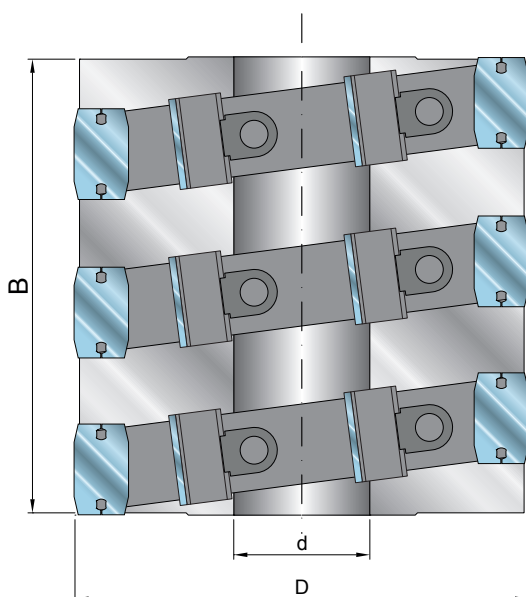
CODICE CODE	D mm	B mm	d* mm	Z
TFM105DSB.001	100	120	35	15
TFM105DSB.002	100	140	35	18
TFM105DSB.003	100	190	35	27
TFM105DSB.004	120	118	35 (40)	15
TFM105DSB.005	120	184	35 (40)	24
TFM105DSB.006	120	220	35 (40)	30
TFM105DSB.007	120	230	35 (40)	30
TFM105DSB.008	125	118	35 (40)	15
TFM105DSB.009	125	140	35 (40)	18
TFM105DSB.010	125	184	35 (40)	24
TFM105DSB.011	125	220	35 (40)	30
TFM105DSB.012	125	230	35 (40)	30
TFM105DSB.013	125	250	35 (40)	30
TFM105DSB.014	140	118	40 (50)	15
TFM105DSB.015	140	184	40 (50)	24
TFM105DSB.016	140	220	40 (50)	30
TFM105DSB.017	140	230	40 (50)	30
TFM105DSB.018	140	250	40 (50)	30

* La quota tra parentesi è la massima allargatura foro possibile

* The maximum inner hole size it is shown between the brackets

Costruzione alluminio, per acciaio +15% / Aluminium made, for steel made +15%

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T29SB	CUNEO / WEDGE	29mm	
CLT105DSB	COLTELLO / KNIFE	30X14X2.5 A BOTTE/SB	

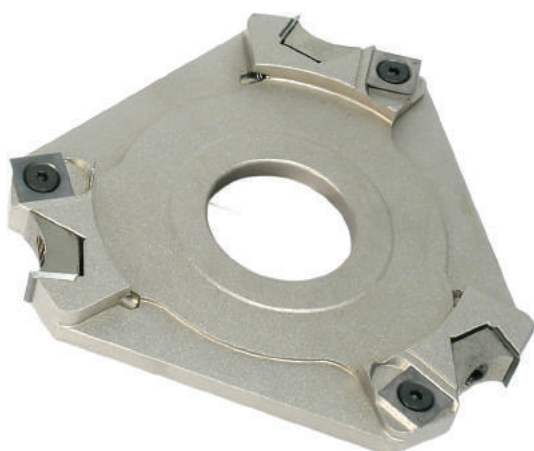


TFM106D

Testa rasante per pialle

Trimming cutter for planing heads

D



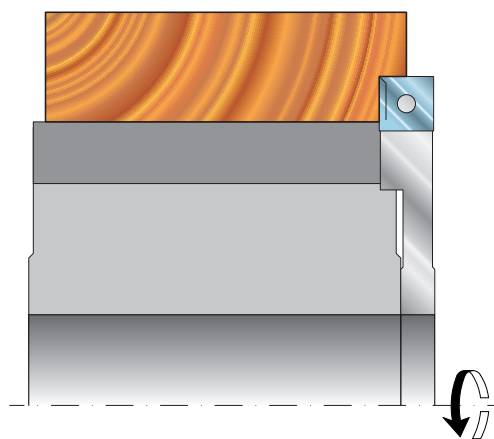
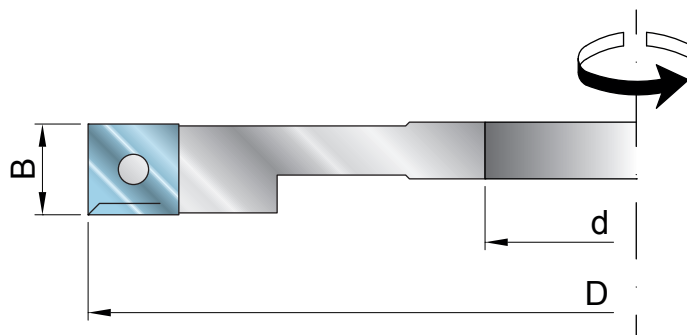
CODICE CODE	D mm	B mm	d mm	Z
TFM106D.001	125	12	30/35	3+3
TFM106D.002	140	12	35/40	3+3
TFM106D.003	145	12	35/40	3+3
TFM106D.004	154	12	35/40	3+3
TFM106D.005	165	12	35/40	3+3
TFM106D.006	125	12	30/35	4+2
TFM106D.007	145	12	35/40	4+2
TFM106D.008	165	12	35/40	4+2



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRS6	VITE / SCREW	M5X7	
RSN2	RASANTE / SPUR	14X14X2	
GRN1DX-SX	VITE / SCREW	M8-M6	
LR.2	CUNEO / WEDGE	10.8mm	
012L12	COLTELLO / KNIFE	12X12X1.5	



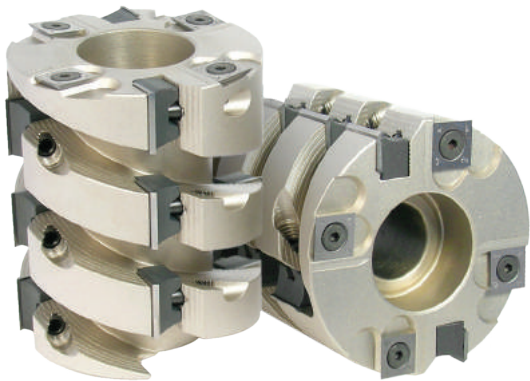
CENTERINOX

TFM107D

Coppia di testa elicoidali per tenonatrici

Helical cutterheads for double tenoning

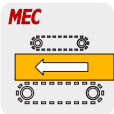
D



CODICE CODE	D mm	B mm	d mm	Z
TFM107D.001	85	100	25	12
TFM107D.002	85	115	25	14
TFM107D.003	120	130	30	16
TFM107D.004	120	150	30	16

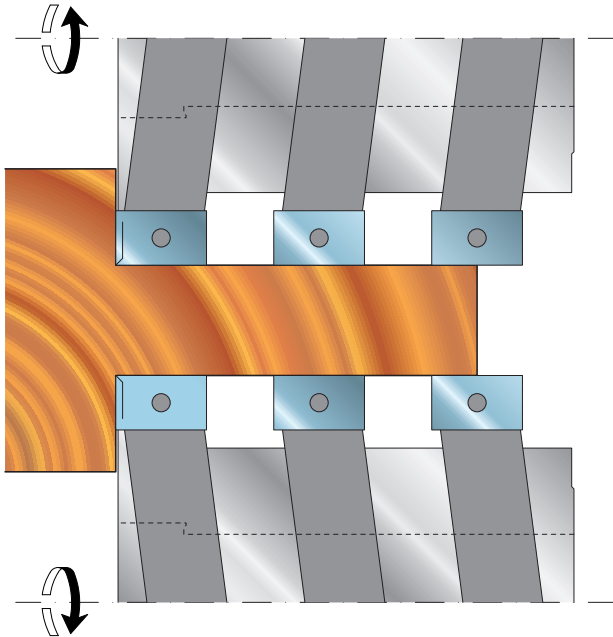
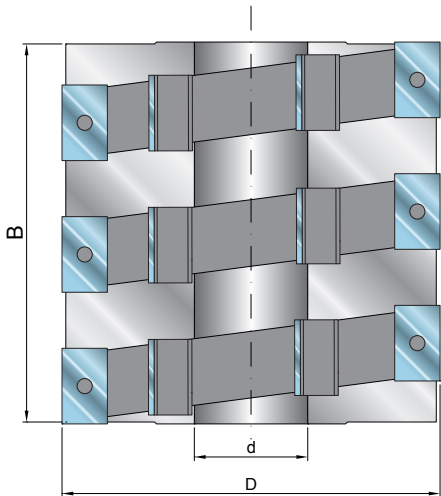
Costruzione solo in acciaio / Only steel construction

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRS6	VITE / SCREW	M5X7	
RSN2	COLTELLO / KNIFE	14X14X2	
GRN1DX-SX	VITE / SCREW	M8-M6	
T19SB	CUNEO / WEDGE	19mm	
012L20	COLTELLO / KNIFE	20X12X1.5	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1





TESTE A FISSAGGIO MECCANICO PER ALBERO TOUPIE
CUTTERHEADS FOR SPINDLE MOULDERS

SEZIONE E
SECTION E





Mandrino porta punte con attacco cilindrico per albero toupie
Holder for clamp routerbit for toupie

TFM130E
pag.76



Testa per contornature e battute
Cutterhead for border and rebates

TFM131E
pag.77



Testa per smussi a 45° con incisori
Cutterhead for 45° bevels with clean knives

TFM132E
pag.78



Testa per smussi a 45° con incisori
Cutterhead for 45° bevels with clean knives

TFM133E
pag.79



Testa per contornature sagomate
Cutterhead for profiled border

TFM134E
pag.80



Testa per contornature sagomate
Cutterhead for profiled border

TFM135E
pag.81

TFM130E

Mandrino porta punte con attacco cilindrico per
albero toupie

Mandrel with cylindrical junction for toupie

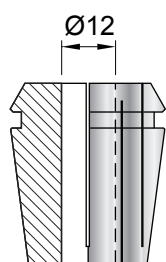
E



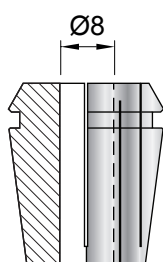
CODICE CODE	D mm
TFM130E.001	35
TFM130E.002	40
TFM130E.003	50

Specificare il tipo di vite (M14/M16) / specify the screw type (M14/M16)

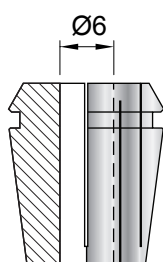
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS
PNZ130/1	PINZA 1 / CLAMP 1
PNZ130/2	PINZA 2 / CLAMP 2
PNZ130/3	PINZA 3 / CLAMP 3
CHT7	CHIAVE / SPANNER
PRN130	PERNO DI BLOCCAGGIO LOCK PIN



Pinza 1
Clamp 1

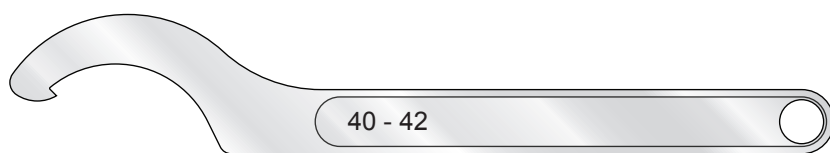
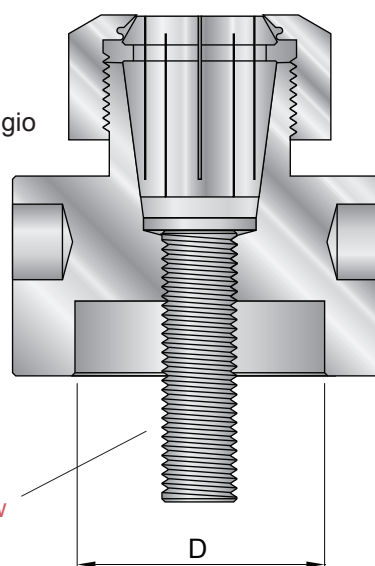


Pinza 2
Clamp 2



Pinza 3
Clamp 3

Foro per bloccaggio
Lock hole



Chiave a settore / Spanner



Perno di bloccaggio / Lock pin

TFM131E

Testa per contornature e battute

Cutterhead for border and rebates



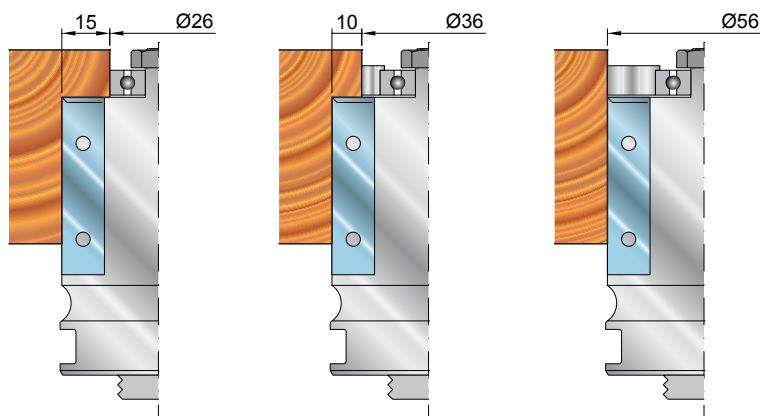
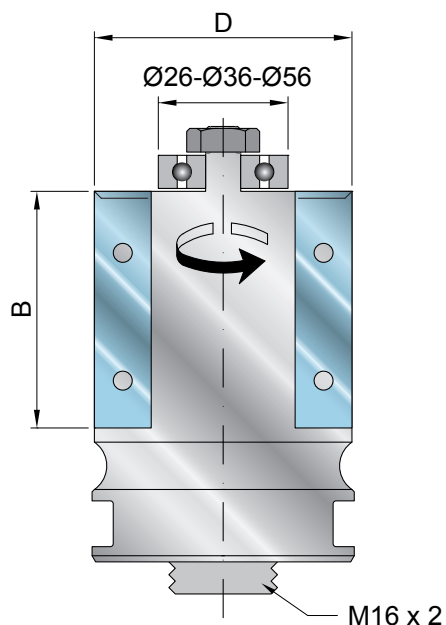
Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	B mm	Z	V
TFM131E.001	56	30	2	2
TFM131E.002	56	50	2	2
TFM131E.003	56	60	2	2

Set completo di cuscinetto / Equipped by bearing

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRS6	VITE / SCREW	M5X7	
RSN2	COLTELLO / KNIFE	14X14X2	
GRN3	VITE / SCREW	M8X12	
T29SB	CUNEO / WEDGE	29mm	
T49SB	CUNEO / WEDGE	49mm	
T59SB	CUNEO / WEDGE	59mm	
012L30	COLTELLO / KNIFE	30X12X1.5	
012L50	COLTELLO / KNIFE	50X12X1.5	
012L60	COLTELLO / KNIFE	60X12X1.5	



TFM132E

Testa per smussi a 45° con incisori

Cutterhead for 45° bevels

E



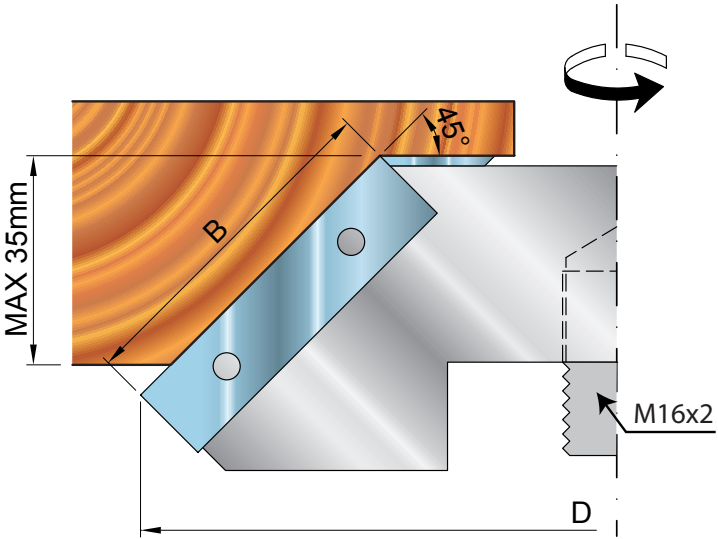
CODICE CODE	D mm	B mm	Z	V
TFM132E.001	140	50	2	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRS6	VITE / SCREW	M5X7	
RSN2	COLTELLO / KNIFE	14X14X2	
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T49SB	CUNEO / WEDGE	49mm	
012L50	COLTELLO / KNIFE	50X12X1.5	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TFM133E

Testa per smussi a 45° con incisori

Cutterhead for 45° bevels with clean knife



CODICE CODE	D mm	B mm	Z	V
TFM133E.001	140	50	2	2

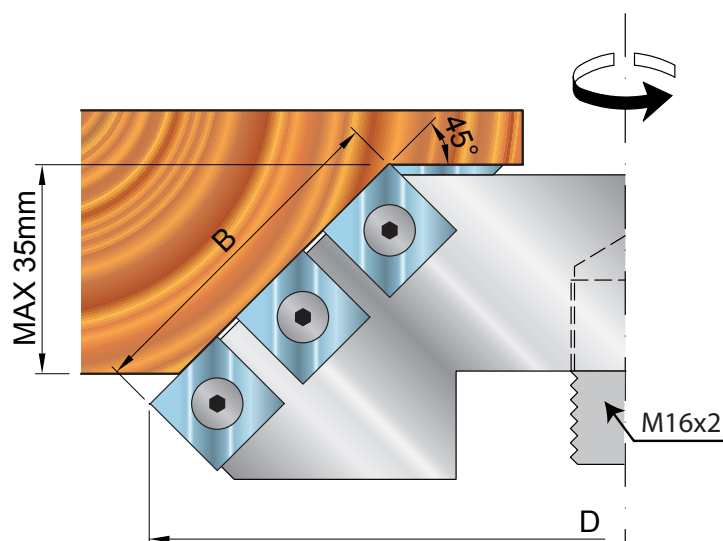
E

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRS6	VITE / SCREW	M5X7	
RSN2	COLTELLO / KNIFE	14X14X2	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TFM134E

Testa per contornature sagomate

Cutterhead for profiled border

E



CODICE CODE	D mm	B mm	Z
TFM134E.001	60	12	2

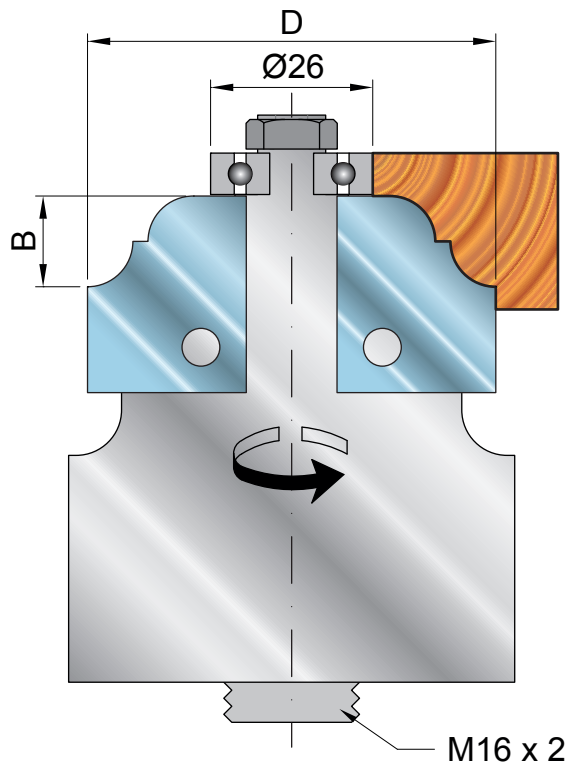
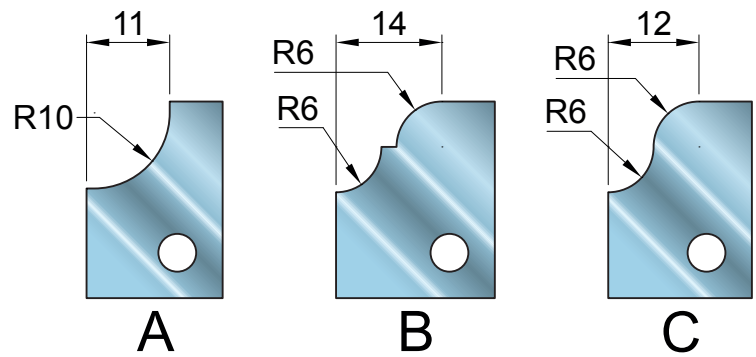
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
CLT134E/A	COLTELLO / KNIFE	Profilo A 20x26x2	
CLT134E/B	COLTELLO / KNIFE	Profilo B 20x26x2	
CLT134E/C	COLTELLO / KNIFE	Profilo C 20x26x2	

MEC

MAN

Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TFM135E

Testa per contornature sagomate

Cutterhead for profiled border



CODICE CODE	D mm	B mm	Z
TFM135E.001	50	20	2



CODICE CODE	PARTI DI RICAMBIO SPARE PARTS
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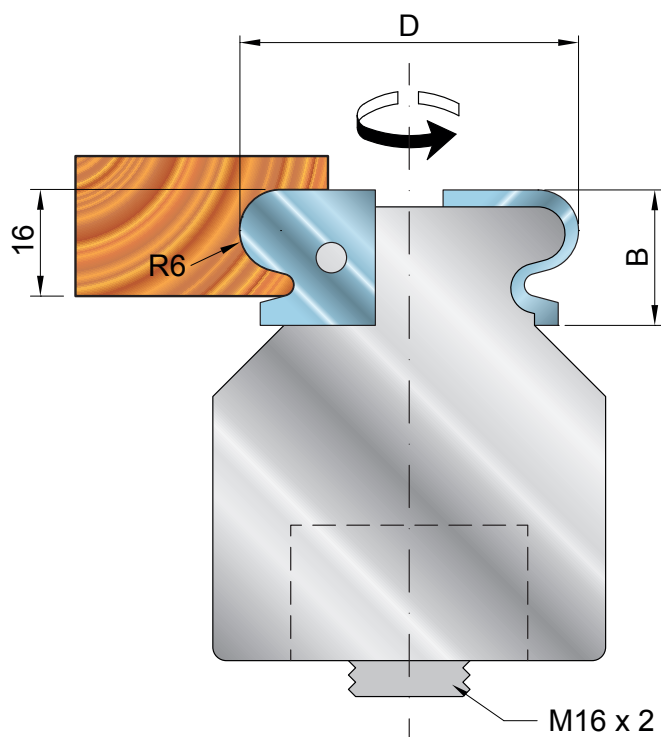
CLT135E

COLTELLO / KNIFE 20x26x2 - R6



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TESTE A FISSAGGIO MECCANICO RAGGIATE
RADIUS CUTTERHEADS

SEZIONE F
SECTION F





Testa portacoltelli multiraggio
Multiradius cutterhead

TFM156F
TFM157F
pag.84-85



Testa portacoltelli multiraggio
Multiradius cutterhead

TFM158F
pag.86



Testa portacoltelli multiraggio
Multiradius cutterhead

TFM159F
TFM160F
pag.87-88



Testa portacoltelli multiraggio
Multiradius cutterhead

TFM161F
pag.89



Testa portacoltelli multiraggio
Multiradius cutterhead

TFM162F
pag.90



Testa portacoltelli multiraggio
Multiradius cutterhead

TFM163F
pag.91



Testa portacoltelli multiraggio
Multiradius cutterhead

TFM164F
pag.92



Testa portacoltelli multiraggio
Multiradius cutterhead

TFM165F
pag.93



Testa portacoltelli multiraggio
Multiradius cutterhead

TFM166F
pag.94



Testa portacoltelli multiraggio
Multiradius cutterhead

TFM167F
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Testa portacoltelli multiraggio
Multiradius cutterhead

TFM168F
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Testa portacoltelli multiraggio
Multiradius cutterhead

TFM169F
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Testa portacoltelli multiraggio
Multiradius cutterhead

TFM170F
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Testa portacoltelli multiraggio
Multiradius cutterhead

TFM171F
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Testa portacoltelli multiraggio
Multiradius cutterhead

TFM172F
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Testa portacoltelli multiraggio
Multiradius cutterhead

TFM173F
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Testa portacoltelli multiraggio
Multiradius cutterhead

TFM174F
pag.102



Testa portacoltelli multiraggio
Multiradius cutterhead

TFM175F
pag.103

TFM156F

Testa portacoltelli multiraggio

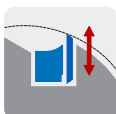
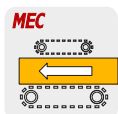
Multi-radius cutterhead

F



CODICE CODE	D mm	B mm	d mm	Z	RAGGIO RADIUS
TFM156F.001	140	20	35/40/50	2	8/10

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T19SB	CUNEO / WEDGE	19mm	
CLT156F/8	COLTELLO / KNIFE	R=8 20x20x2	
CLT156F/10	COLTELLO / KNIFE	R=10 20x20x2	
Comprese tutte le sagome / Including all profiles			

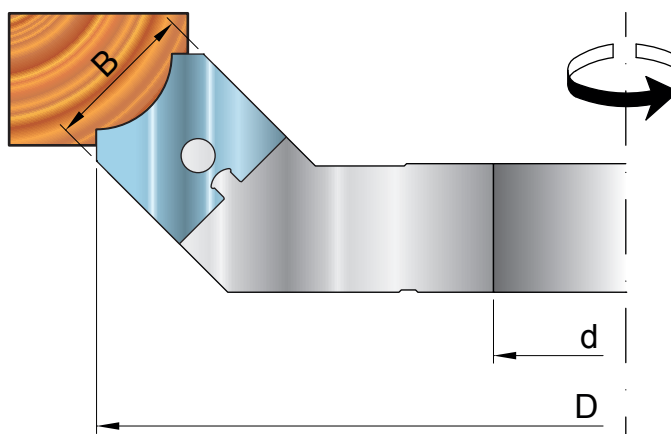


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

A richiesta si possono avere raggi intermedi da R = 8 a R = 10
con aumento del 10% del prezzo standard.

*It is possible to have knives between R = 8 to R = 10
with 10% more from standard knives price.*



TFM157F

Testa portacoltelli multiraggio

Multi-radius cutterhead



CODICE CODE	D mm	B mm	d mm	Z	RAGGIO RADIUS
TFM157F.001	160	30	35/40/50	2	12/15

F

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T29SB	CUNEO / WEDGE	29mm	
CLT157F/12	COLTELLO / KNIFE	R=12 30x25x2	
CLT157F/15	COLTELLO / KNIFE	R=15 30x25x2	
Comprese tutte le sagome / Including all profiles			

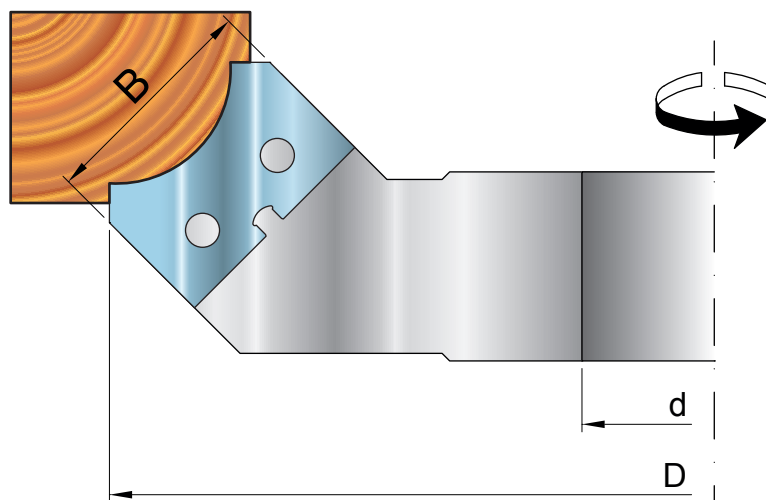
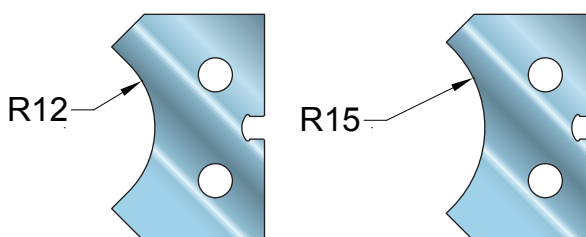


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

A richiesta si possono avere raggi intermedi da R = 12 a R = 15 con aumento del 10% del prezzo standard.

It is possible to have knives between R = 12 to R = 15 with 10% more from standard knives price.



CENTERINOX

TFM158F

Testa portacoltelli multiraggio

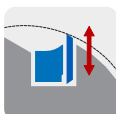
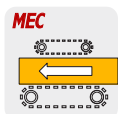
Multi-radius cutterhead

F



CODICE CODE	D mm	B mm	d mm	Z	RAGGIO RADIUS
TFM158F.001	160	40	35/40/50	2	20/25

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T39SB	CUNEO / WEDGE	39mm	
CLT158F/20	COLTELLO / KNIFE	R=20 40x25x2	
CLT158F/25	COLTELLO / KNIFE	R=25 40x25x2	



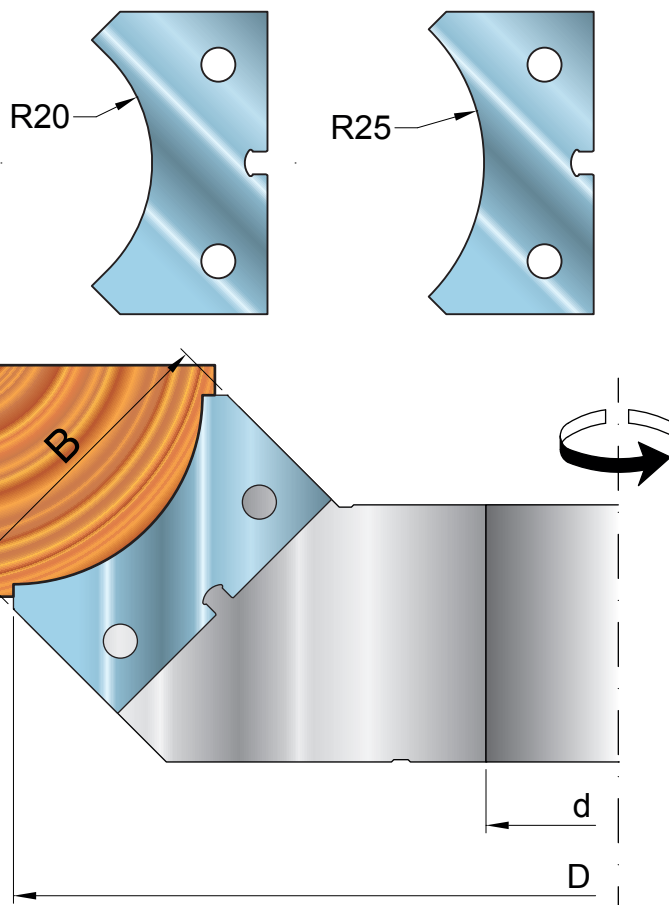
Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

A richiesta si possono avere raggi intermedi da R = 20 a R = 25 con aumento del 10% del prezzo standard.

It is possible to have knives between R = 20 to R = 25 with 10% more from standard knives price.

Comprese tutte le sagome / Including all profiles



TFM159F

Testa portacoltelli multiraggio

Multi-radius cutterhead



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

A richiesta si possono avere raggi intermedi da R = 30 a R = 35
con aumento del 10% del prezzo standard.

*It is possible to have knives between R = 30 to R = 35
with 10% more from standard knives price.*

CODICE CODE	D mm	B mm	d mm	Z	RAGGIO RADIUS
TFM159F.001	190	60	35/40/50	2	30/35

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
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GRN1DX-SX VITE / SCREW M8-M6

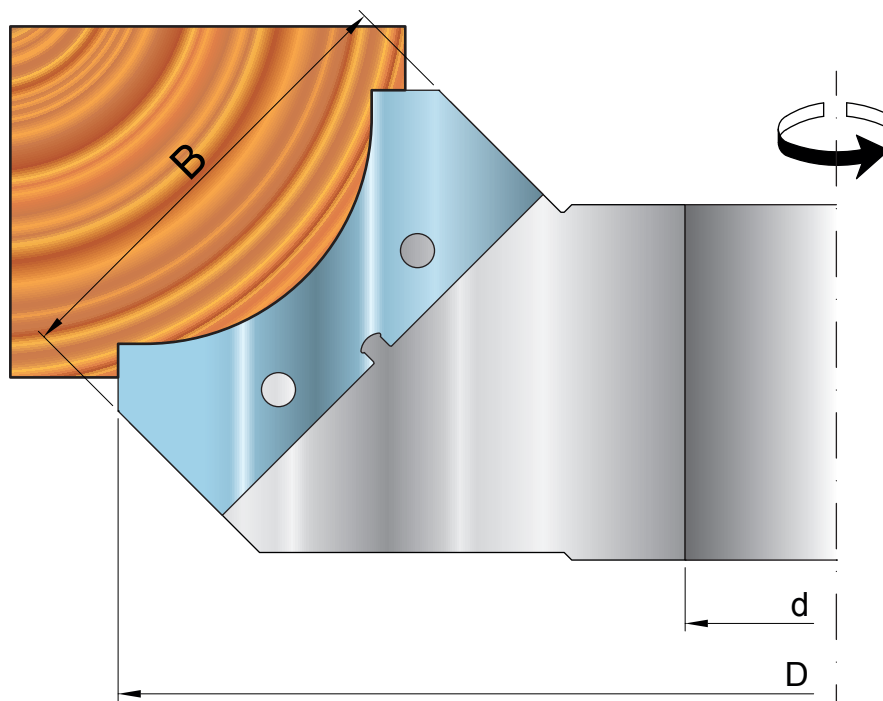
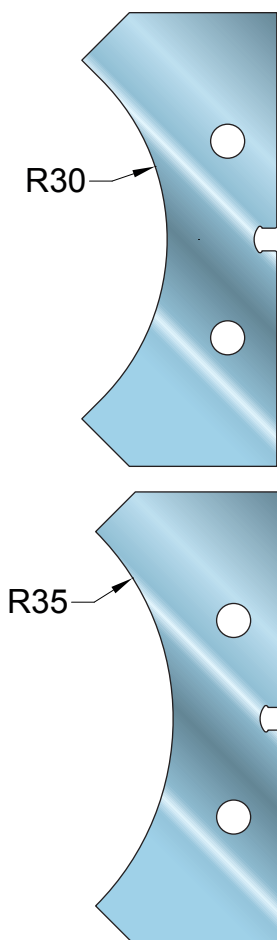
OGV1SB OGIVA / NUT M8

T59SB CUNEO / WEDGE 59mm

CLT159F/30 COLTELLO / KNIFE R=30 60x30x2

CLT159F/35 COLTELLO / KNIFE R=35 60x30x2

Comprese tutte le sagome / Including all profiles



TFM160F

Testa portacoltelli multiraggio

Multi-radius cutterhead

F



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

A richiesta si possono avere raggi intermedi da R = 40 a R = 42.5
con aumento del 10% del prezzo standard.

It is possible to have knives between R = 40 to R = 42.5
with 10% more from standard knives price.

CODICE CODE	D mm	B mm	d mm	Z	RAGGIO RADIUS
TFM160F.001	200	60	35/40/50	2	40/42.5

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
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GRN1DX-SX VITE / SCREW M8-M6

OGV1SB OGIVA / NUT M8

T59SB CUNEO / WEDGE 59mm

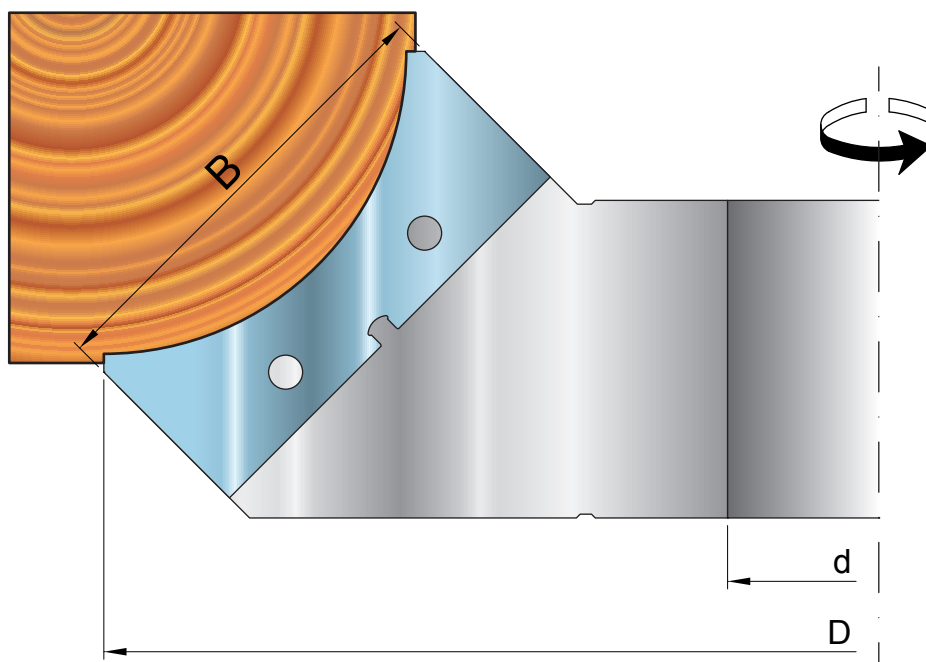
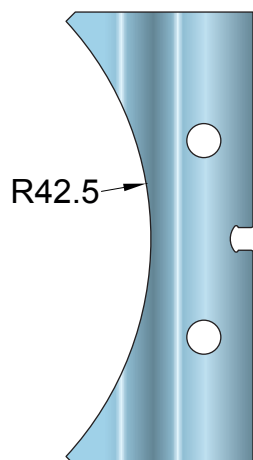
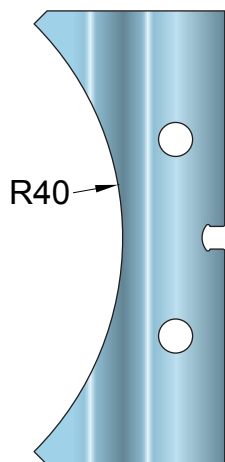
CLT160F/40 COLTELLO / KNIFE R=40 60x30x2



CLT160F/42.5 COLTELLO / KNIFE R=42.5 60x30x2



Comprese tutte le sagome / Including all profiles



TFM161F

Testa portacoltelli multiraggio

Multi-radius cutterhead



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

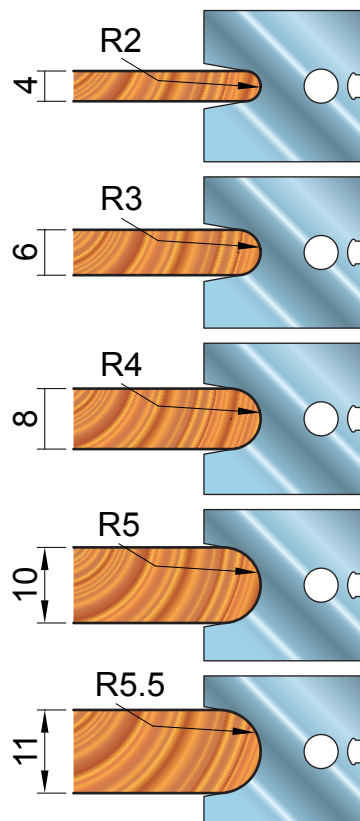
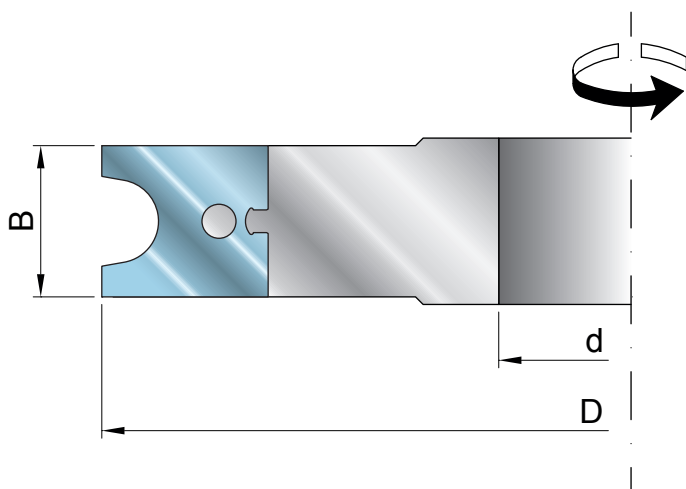
EN 847-1

CODICE CODE	D mm	B mm	d mm	Z	RAGGIO RADIUS
TFM161F.001	140	20	35/40/50	3	2/3/4/5/5.5

F

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			
GRN1DX-SX	VITE / SCREW	M8-M6		
OGV1SB	OGIVA / NUT	M8		
T19SB	CUNEO / WEDGE	19mm		
CLT161F/2	COLTELLO / KNIFE	R=2	20x20x2	
CLT161F/3	COLTELLO / KNIFE	R=3	20x20x2	
CLT161F/4	COLTELLO / KNIFE	R=4	20x20x2	
CLT161F/5	COLTELLO / KNIFE	R=5	20x20x2	
CLT161F/5.5	COLTELLO / KNIFE	R=5.5	20x20x2	

Comprese tutte le sagome / Including all profiles



CENTERINOX

TFM162F

Testa portacoltelli multiraggio

Multi-radius cutterhead

F



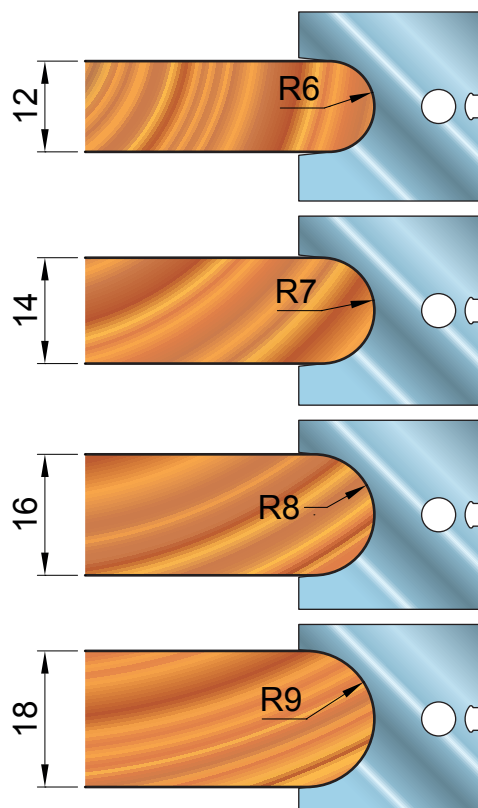
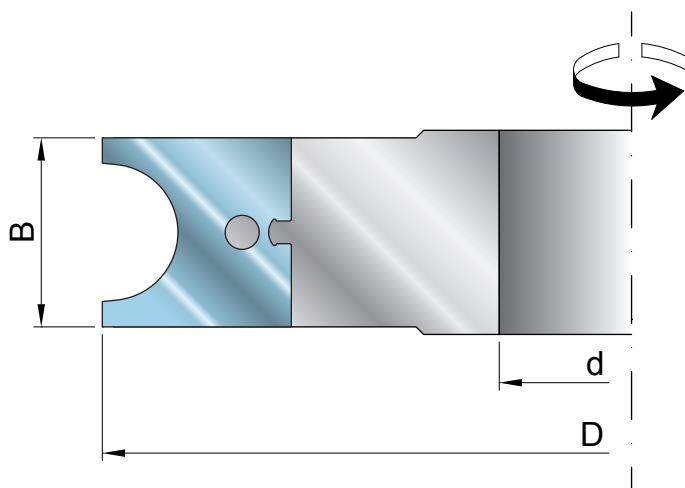
Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	B mm	d mm	Z	RAGGIO RADIUS
TFM162F.001	140	25	35/40/50	3	6/7/8/9

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T24	CUNEO / WEDGE	24mm	
CLT162F/6	COLTELLO / KNIFE	R=6 25x25x2	
CLT162F/7	COLTELLO / KNIFE	R=7 25x25x2	
CLT162F/8	COLTELLO / KNIFE	R=8 25x25x2	
CLT162F/9	COLTELLO / KNIFE	R=9 25x25x2	

Comprese tutte le sagome / Including all profiles



TFM163F

Testa portacoltelli multiraggio

Multi-radius cutterhead



CODICE CODE	D mm	B mm	d mm	Z	RAGGIO RADIUS
TFM163F.001	150	35	35/40/50	3	10/11/12/15

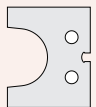
F

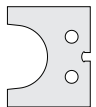
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
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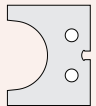
GRN1DX-SX VITE / SCREW M8-M6 

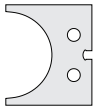
OGV1SB OGIVA / NUT M8 

T34SB CUNEO / WEDGE 34mm 

CLT163F/10 COLTELLO / KNIFE R=10 35x30x2 

CLT163F/11 COLTELLO / KNIFE R=11 35x30x2 

CLT163F/12 COLTELLO / KNIFE R=12 35x30x2 

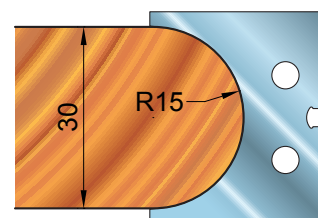
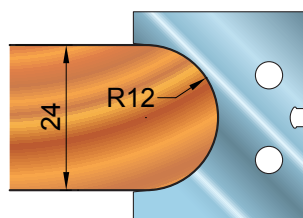
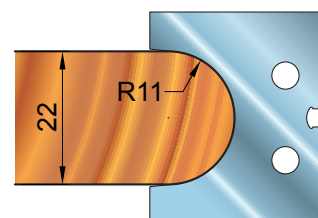
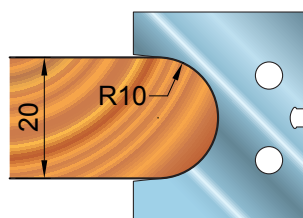
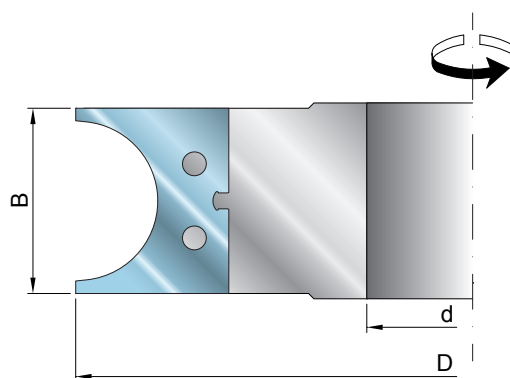
CLT163F/15 COLTELLO / KNIFE R=15 35x30x2 



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

Comprese tutte le sagome / Including all profiles



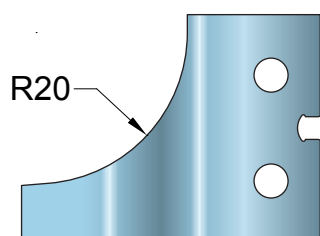
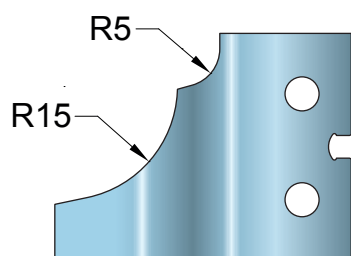
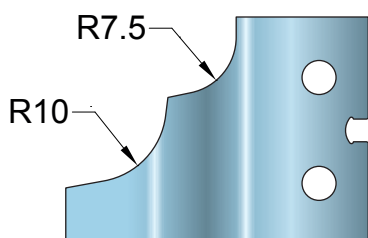
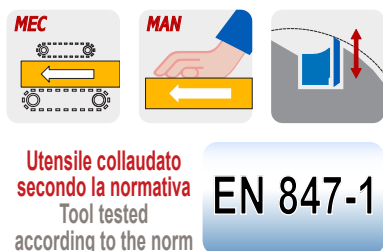
CENTERINOX

TFM164F

Testa portacoltelli multiraggio

Multi-radius cutterhead

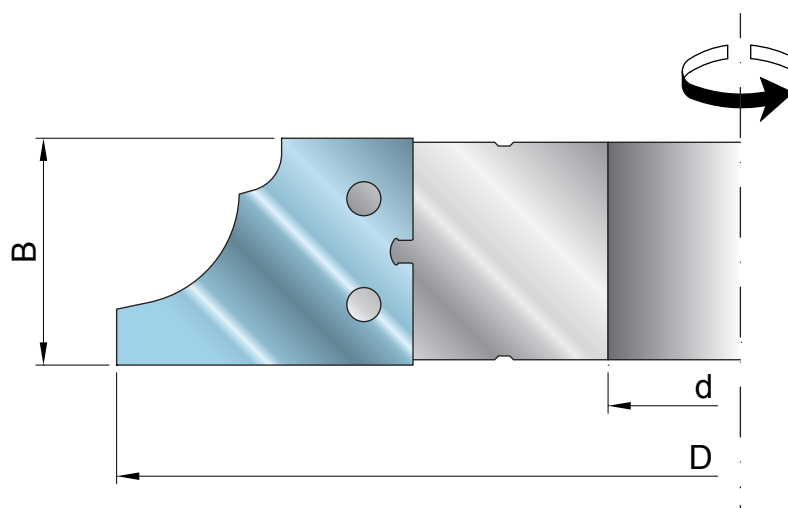
F



CODICE CODE	D mm	B mm	d mm	Z	RAGGIO RADIUS
TFM164F.001	165	30	35/40/50	3	5/7.5/10/15/20

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T29SB	CUNEO / WEDGE	29mm	
CLT164F/10	COLTELLO / KNIFE	R=7.5/10 30x40x2	
CLT164F/15	COLTELLO / KNIFE	R=5/15 30x40x2	
CLT164F/20	COLTELLO / KNIFE	R=20 30x40x2	
LRT164F/A	SUPPORTO/SUPPORT	(R7.5/10 - 5/15)	
LRT164F/B	SUPPORTO/SUPPORT	(R20)	

Comprese tutte le sagome / Including all profiles



TFM165F

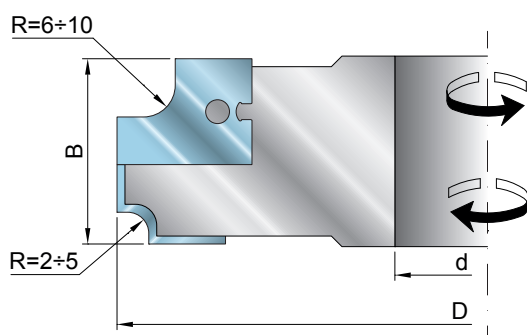
Testa portacoltelli multiraggio

Multi-radius cutterhead



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

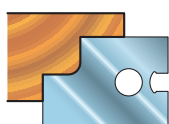


CODICE CODE	D mm	B mm	d mm	Z	RAGGIO RADIUS
TFM165F.001	140	30	35/40/50	2+2	2+5/6÷10

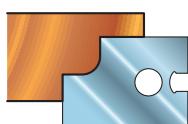
F

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			
GRN1DX-SX	VITE / SCREW	M8-M6		
OGV1SB	OGIVA / NUT	M8		
T14SB	CUNEO / WEDGE	14mm		
T19SB	CUNEO / WEDGE	19mm		
CLT165F/2	COLTELLO / KNIFE	R=2	15x25x2	
CLT165F/3	COLTELLO / KNIFE	R=3	15x25x2	
CLT165F/4	COLTELLO / KNIFE	R=4	15x25x2	
CLT165F/5	COLTELLO / KNIFE	R=5	15x25x2	
CLT165F/6	COLTELLO / KNIFE	R=6	20x30x2	
CLT165F/7	COLTELLO / KNIFE	R=7	20x30x2	
CLT165F/8	COLTELLO / KNIFE	R=8	20x30x2	
CLT165F/9	COLTELLO / KNIFE	R=9	20x30x2	
CLT165F/10	COLTELLO / KNIFE	R=10	20x30x2	

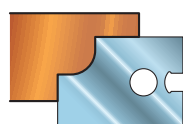
Comprese tutte le sagome / Including all profiles



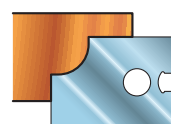
R2



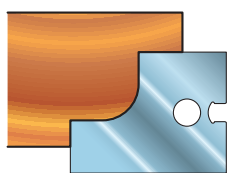
R3



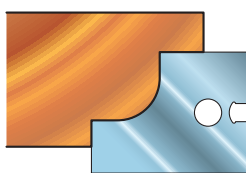
R4



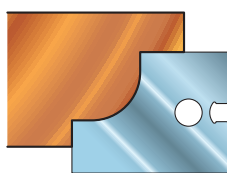
R5



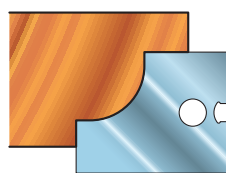
R6



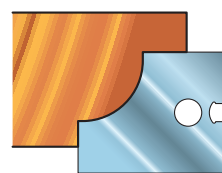
R7



R8



R9



R10

CENTERINOX

TFM166F

Testa portacoltelli multiraggio

Multi-radius cutterhead

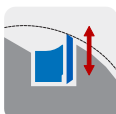
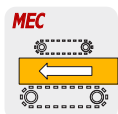
F



CODICE CODE	D mm	B mm	d mm	Z	RAGGIO RADIUS
TFM166F.001	140	20	35/40/50	2	8/10

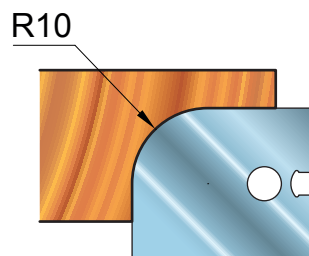
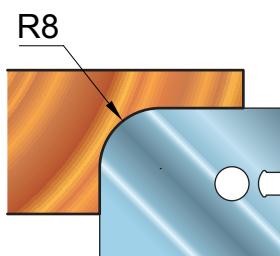
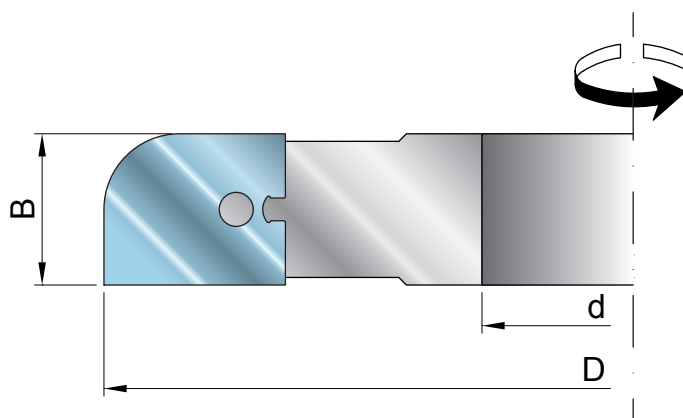
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
GRN1DX-SX	VITE / SCREW	M8-M6 
OGV1SB	OGIVA / NUT	M8 
T19SB	CUNEO / WEDGE	19mm 
CLT166F/8	COLTELLO / KNIFE	R=8 20x25x2 
CLT166F/10	COLTELLO / KNIFE	R=10 20x25x2 

Comprese tutte le sagome / Including all profiles



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TFM167F

Testa portacoltelli multiraggio

Multi-radius cutterhead



CODICE CODE	D mm	B mm	d mm	Z	RAGGIO RADIUS
TFM167F.001	160	20	35/40/50	2	12/15

F

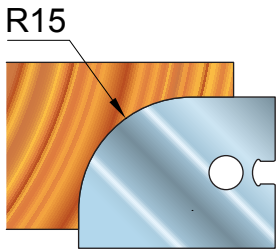
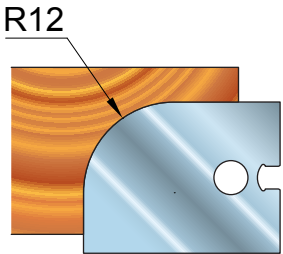
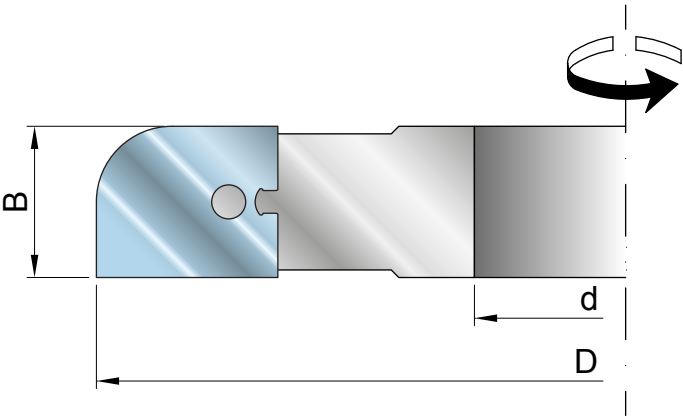
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T19SB	CUNEO / WEDGE	19mm	
CLT167F/12	COLTELLO / KNIFE	R=12 20x30x2	
CLT167F/15	COLTELLO / KNIFE	R=15 20x25x2	

Comprese tutte le sagome / Including all profiles



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TFM168F

Testa portacoltelli multiraggio

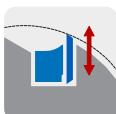
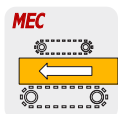
Multi-radius cutterhead

F



CODICE CODE	D mm	B mm	d mm	Z	RAGGIO RADIUS
TFM168F.001	160	30	35/40/50	2	20/25

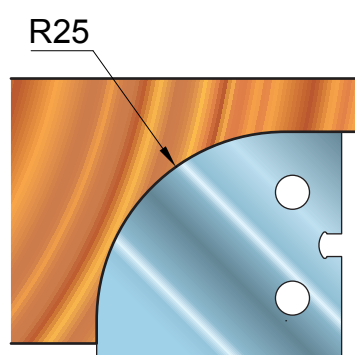
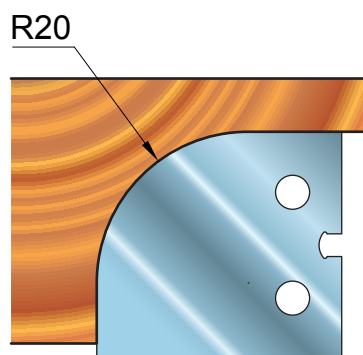
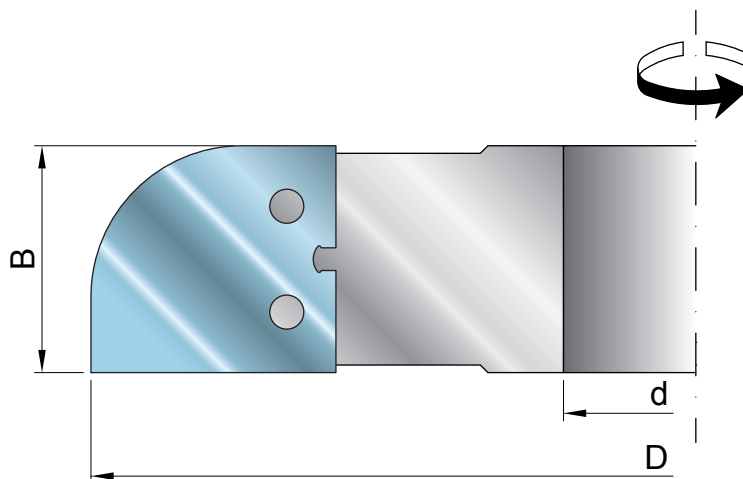
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T29SB	CUNEO / WEDGE	29mm	
CLT168F/20	COLTELLO / KNIFE	R=20 30x35x2	
CLT168F/25	COLTELLO / KNIFE	R=25 30x35x2	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

Comprese tutte le sagome / Including all profiles



TFM169F

Testa portacoltelli multiraggio

Multi-radius cutterhead



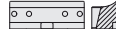
CODICE CODE	D mm	B mm	d mm	Z	RAGGIO RADIUS
TFM169F.001	170	50	35/40/50	2	30/35

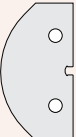
F

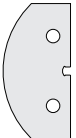
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
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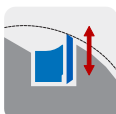
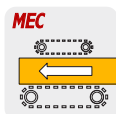
GRN1DX-SX VITE / SCREW M8-M6 

OGV1SB OGIVA / NUT M8 

T49SB CUNEO / WEDGE 49mm 

CLT169F/30 COLTELLO / KNIFE R=30 50x30x2 

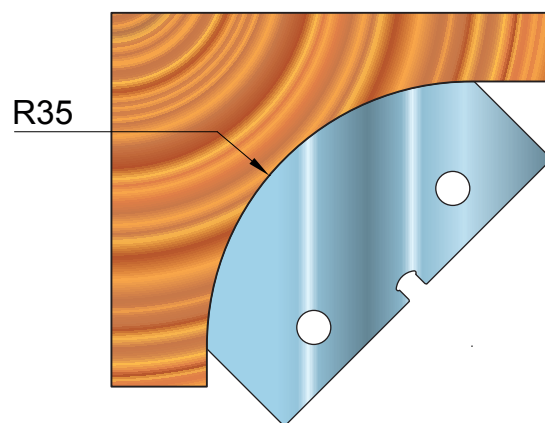
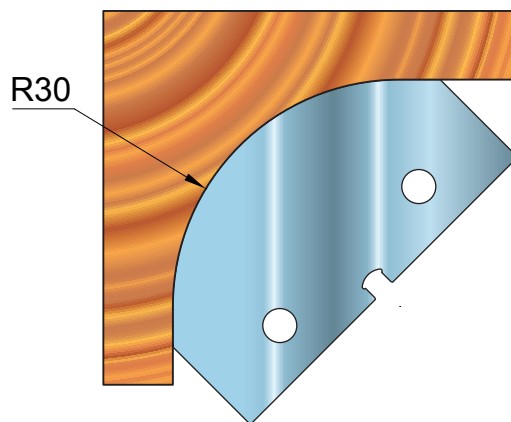
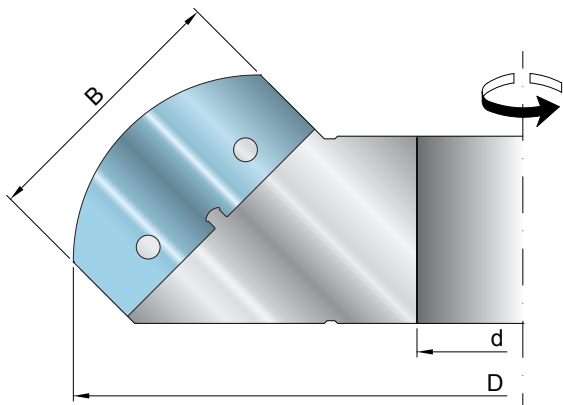
CLT169F/35 COLTELLO / KNIFE R=35 50x30x2 



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

Comprese tutte le sagome / Including all profiles



CENTERINOX

TFM170F

Testa portacoltelli multiraggio

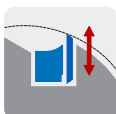
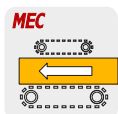
Multi-radius cutterhead

F



CODICE CODE	D mm	B mm	d mm	Z	RAGGIO RADIUS
TFM170F.001	190	60	35/40/50	2	40/42.5

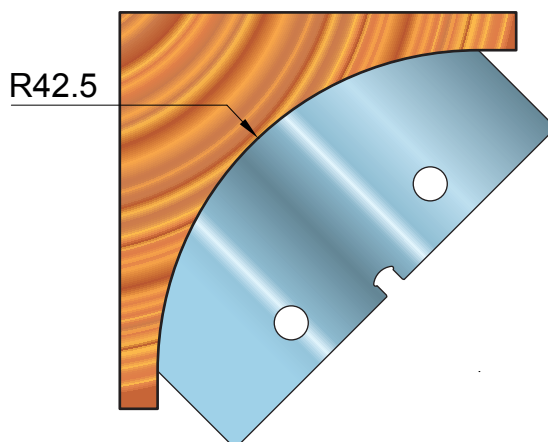
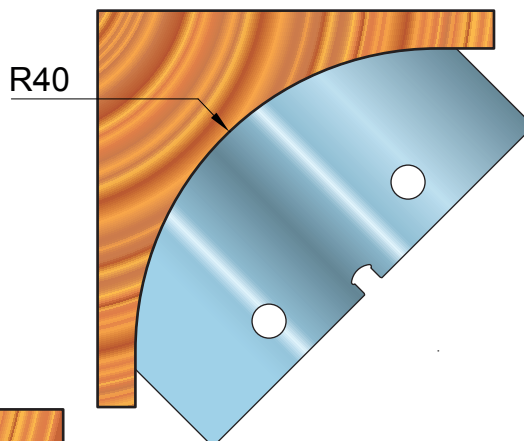
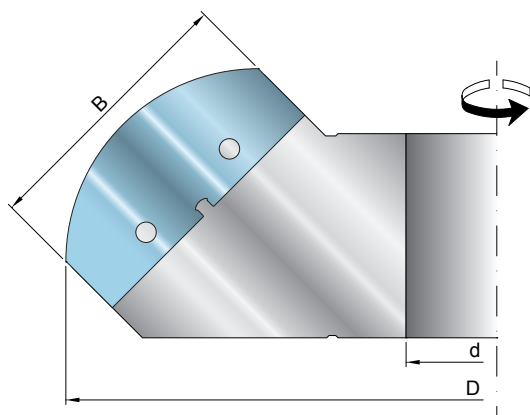
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T59SB	CUNEO / WEDGE	59mm	
CLT170F/40	COLTELLO / KNIFE	R=40 60x30x2	
CLT170F/42.5	COLTELLO / KNIFE	R=42.5 60x30x2	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

Comprese tutte le sagome / Including all profiles



TFM171F

Testa portacoltelli multiraggio

Multi-radius cutterhead



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

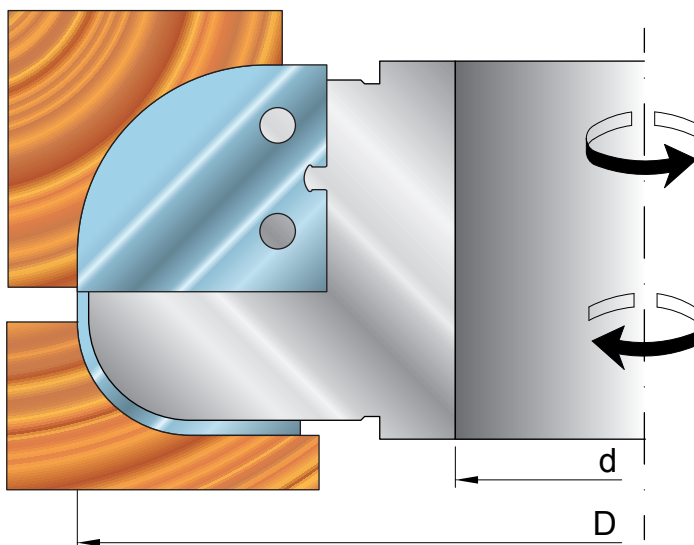
EN 847-1

CODICE CODE	D mm	d mm	Z	RAGGIO RADIUS
TFM171F.001	150	35/40/50	2+2	8/10/12/15/20/25

F

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T19SB	CUNEO / WEDGE	19mm	
T29SB	CUNEO / WEDGE	29mm	
CLT171F/8	COLTELLO / KNIFE	R=8 20x30x2	
CLT171F/10	COLTELLO / KNIFE	R=10 20x30x2	
CLT171F/12	COLTELLO / KNIFE	R=12 20x30x2	
CLT171F/15	COLTELLO / KNIFE	R=15 20x30x2	
CLT171F/20	COLTELLO / KNIFE	R=20 30x35x2	
CLT171F/25	COLTELLO / KNIFE	R=25 30x35x2	

Comprese tutte le sagome / Including all profiles



CENTERINOX

TFM172F

Testa portacoltelli multiraggio

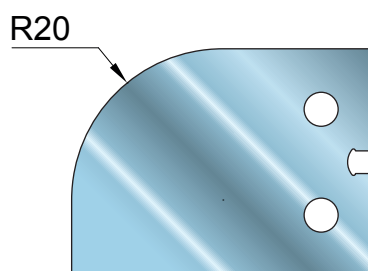
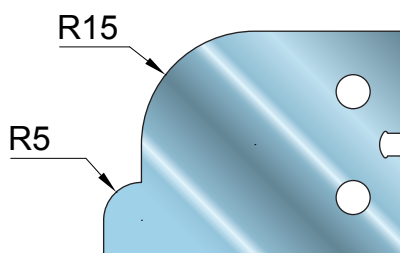
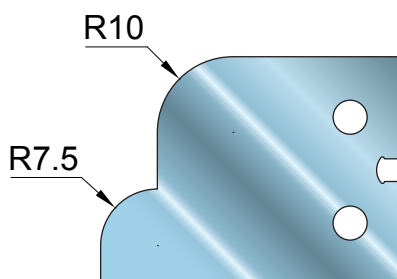
Multi-radius cutterhead

F



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

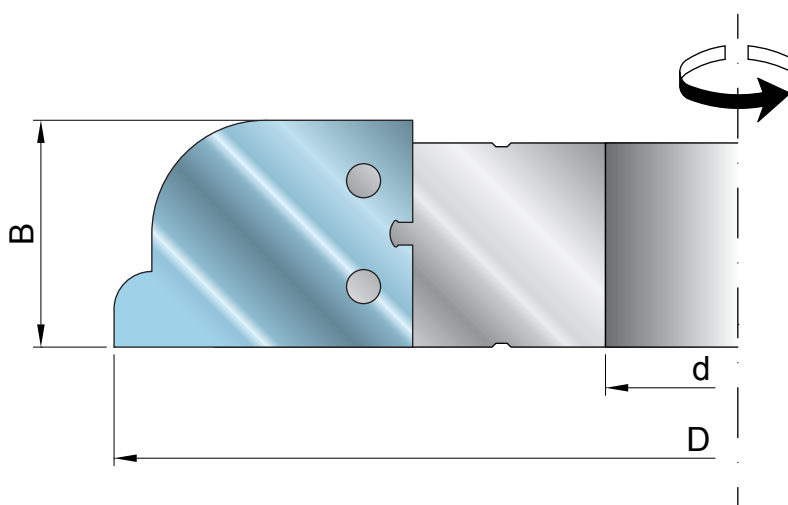
EN 847-1



CODICE CODE	D mm	B mm	d mm	Z	RAGGIO RADIUS
TFM172F.001	165	30	35/40/50	3	5/7.5/10/15/20

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T29SB	CUNEO / WEDGE	29mm	
CLT172F/10	COLTELLO / KNIFE	R=7.5/10 30x40x2	
CLT172F/15	COLTELLO / KNIFE	R=5/15 30x40x2	
CLT172F/20	COLTELLO / KNIFE	R=20 30x40x2	
LRT172F/A	SUPPORTO/SUPPORT	(R7.5/10 - 5/15)	
LRT172F/B	SUPPORTO/SUPPORT	(R20)	

Comprese tutte le sagome / Including all profiles



TFM173F

Testa portacoltelli multiraggio

Multi-radius cutterhead



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

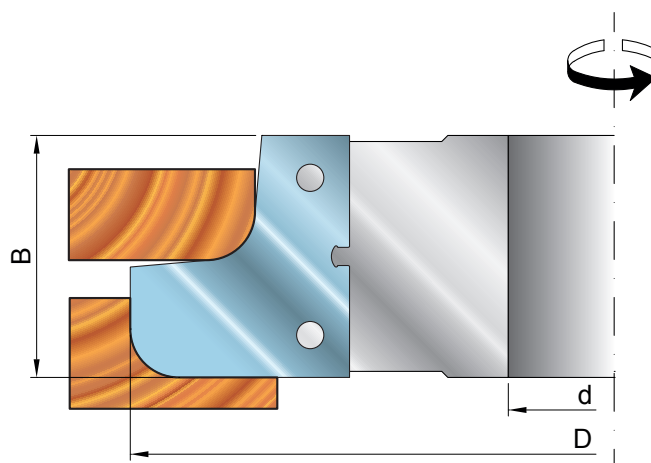
EN 847-1

CODICE CODE	D mm	B mm	d mm	Z	RAGGIO RADIUS
TFM173F.001	160	40	35/40/50	3	8/10/12/15/17.5

F

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T39SB	CUNEO / WEDGE	39mm	
CLT173F/8	COLTELLO / KNIFE	R=8 40x40x2	
CLT173F/10	COLTELLO / KNIFE	R=10 40x40x2	
CLT173F/12	COLTELLO / KNIFE	R=12 40x40x2	
CLT173F/15	COLTELLO / KNIFE	R=15 40x40x2	
CLT173F/17.5	COLTELLO / KNIFE	R=17.5 40x40x2	

Comprese tutte le sagome / Including all profiles



CENTERINOX

TFM174F

Testa portacoltelli multiraggio

Multi-radius cutterhead

F



CODICE CODE	D mm	B mm	d mm	Z	RAGGIO RADIUS
TFM174F.001	160	25	35/40/50	3	6/8/10

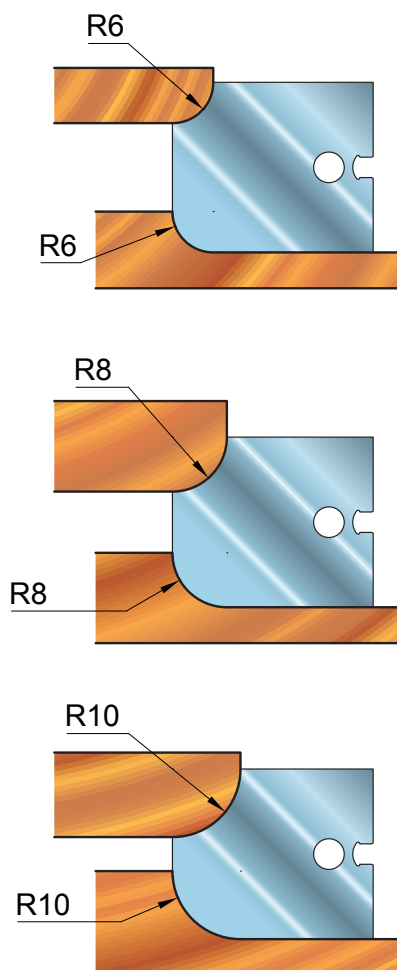
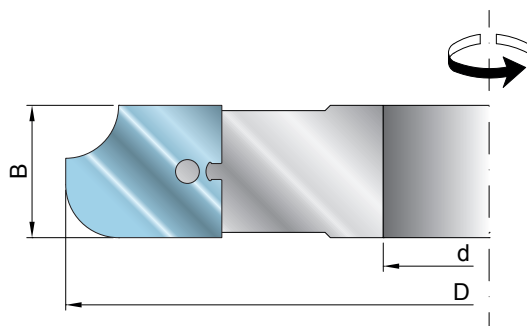
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T24SB	CUNEO / WEDGE	24mm	
CLT174F/6	COLTELLO / KNIFE	R=6 25x25x2	
CLT174F/8	COLTELLO / KNIFE	R=8 25x25x2	
CLT174F/10	COLTELLO / KNIFE	R=10 25x25x2	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

Comprese tutte le sagome / Including all profiles



TFM175F

Testa portacoltelli multiraggio

Multi-radius cutterhead

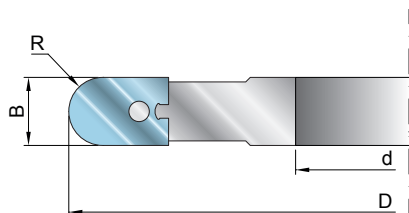


F



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



CODICE CODE	D mm	B mm	d mm	Z	R
TFM175F.001	150	15	35/40/50	3	7.5
TFM175F.002	150	20	35/40/50	3	10
TFM175F.003	150	25	35/40/50	3	12.5
TFM175F.004	160	30	35/40/50	3	15
TFM175F.005	160	35	35/40/50	3	17.5
TFM175F.006	160	40	35/40/50	3	20
TFM175F.007	180	42	35/40/50	3	21
TFM175F.008	180	50	35/40/50	3	25
TFM175F.009	180	60	35/40/50	3	30

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
GRN1DX-SX	VITE / SCREW	M8-M6
OGV1SB	OGIVA / NUT	M8
T14SB	CUNEO / WEDGE	SP 14mm
T19SB	CUNEO / WEDGE	SP 19mm
T24SB	CUNEO / WEDGE	SP 24mm
T29SB	CUNEO / WEDGE	SP 29mm
T34SB	CUNEO / WEDGE	SP 34mm
T39SB	CUNEO / WEDGE	SP 39mm
T49SB	CUNEO / WEDGE	SP 49mm
T59SB	CUNEO / WEDGE	SP 59mm

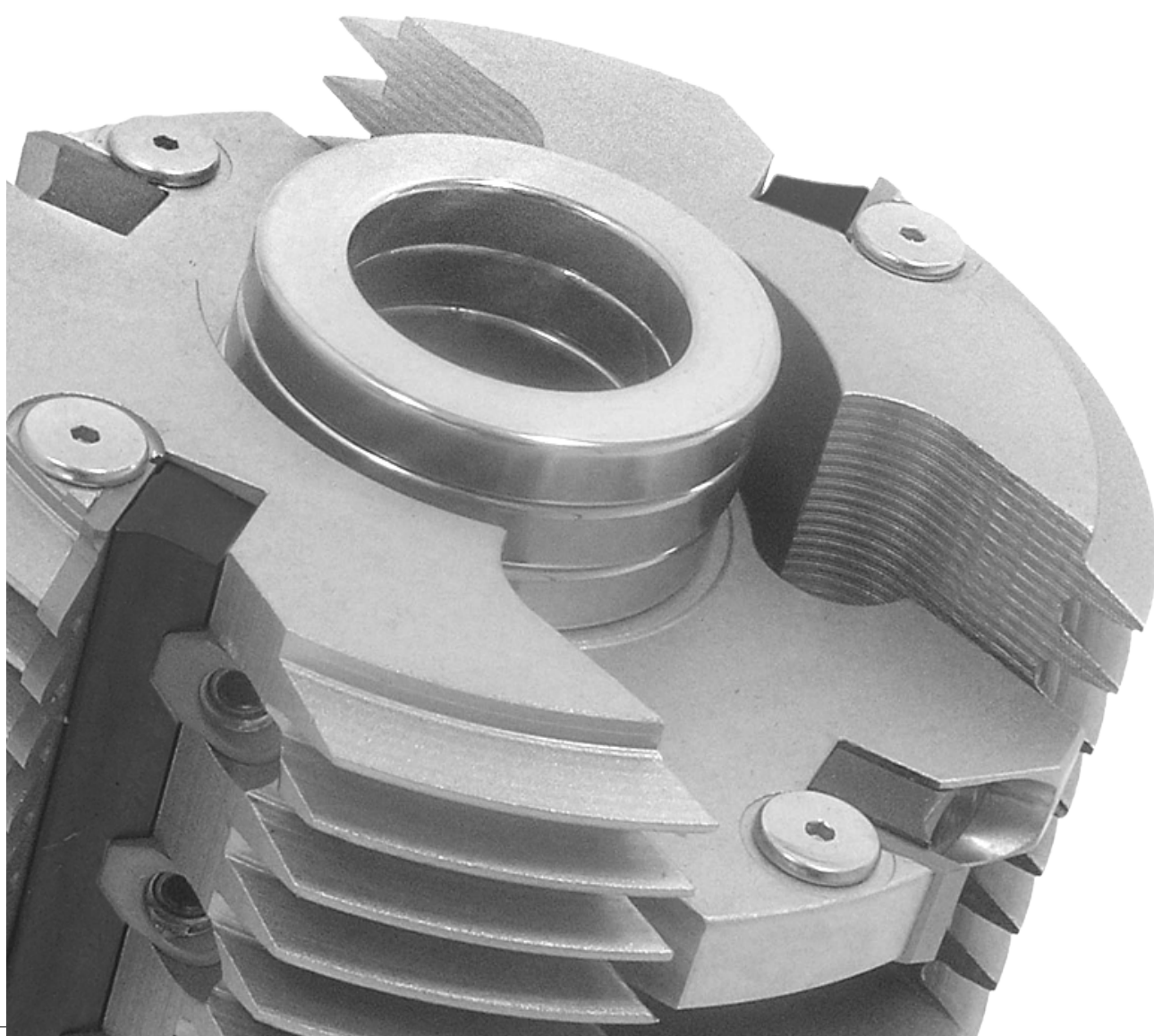
CODICE CODE	COLTELLO KNIFE	R
CL.T175F/7.5	15X25X2	7.5
CL.T175F/10	20X25X2	10
CL.T175F/12.5	25X30X2	12.5
CL.T175F/15	30X30X2	15
CL.T175F/17.5	35X35X2	17.5

CODICE CODE	COLTELLO KNIFE	R
CL.T175F/20	40X35X2	20
CL.T175F/21	42X40X2	21
CL.T175F/25	50X40X2	25
CL.T175F/30	60X45X2	30

CENTERINOX

TESTE A FISSAGGIO MECCANICO PER GIUNZIONI
FINGER JOINT CUTTERHEADS

SEZIONE G
SECTION G





Testa portacoltelli per giunzioni **TFM196G**
Finger joint cutterhead pag.106



Testa portacoltelli per giunzioni **TFM197G**
Finger joint cutterhead pag.107



Testa portacoltelli per giunzioni **TFM198G**
Finger joint cutterhead pag.108



Testa portacoltelli per giunzioni **TFM199G**
Finger joint cutterhead pag.109



Testa portacoltelli per giunzioni **TFM200G**
Finger joint cutterhead pag.110



Testa portacoltelli per giunzioni **TFM201G**
Finger joint cutterhead pag.111



Testa regolabile per giunzioni **TFM202G**
Adjustable finger joint cutterhead pag.112



Testa regolabile per giunzioni **TFM203G**
Adjustable finger joint cutterhead pag.113



Testa regolabile per giunzioni **TFM204G**
Adjustable finger joint cutterhead pag.114



Testa regolabile per giunzioni **TFM205G**
Adjustable finger joint cutterhead pag.115



Testa per giunzioni **TFM211G**
Finger joint cutterhead pag.116



Testa per giunzioni a 45° **TFM207G**
45° finger joint cutterhead pag.117



Testa per giunzioni a 45° **TFM210G**
45° finger joint cutterhead pag.118



Gruppo di teste per giunzioni a 45° **TFM208G**
Set of 45° finger joint cutterheads pag.119



Gruppo di teste per giunzioni **TFM209G**
Set of finger joint cutterheads pag.120

TFM196G

Testa per giunzioni

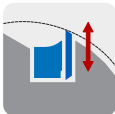
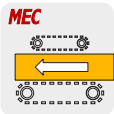
Finger joint cutterhead

G



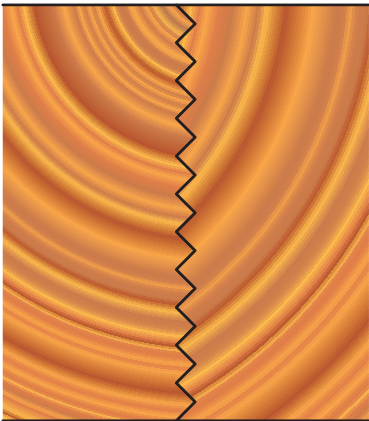
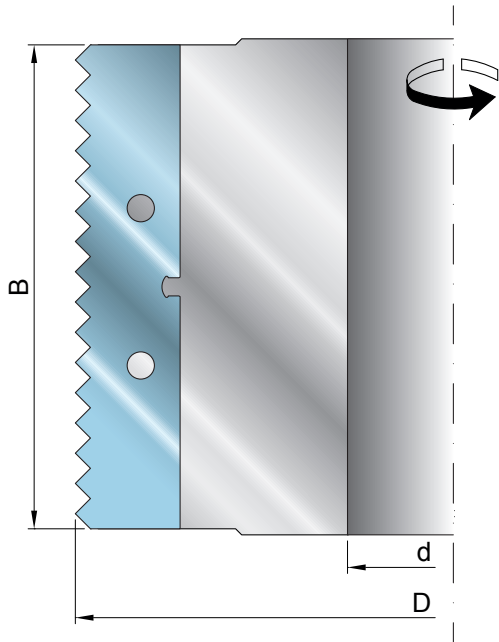
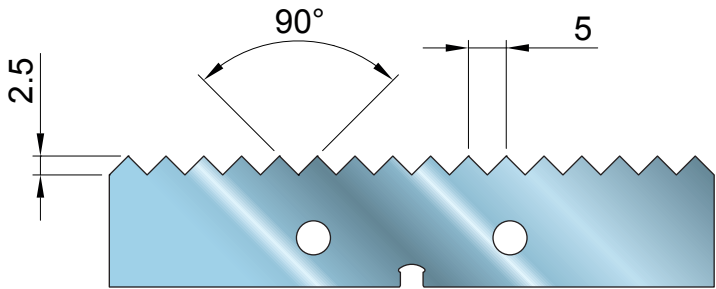
CODICE CODE	D mm	B mm	d mm	Z
TFM196G.001	125	80	35/40/50	2
TFM196G.002	140	80	35/40/50	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T79SB	CUNEO / WEDGE	79mm	
CLT196G	COLTELLO / KNIFE	80x25x2	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TFM197G

Testa per giunzioni

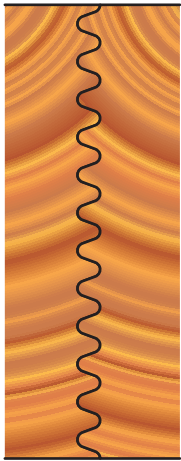
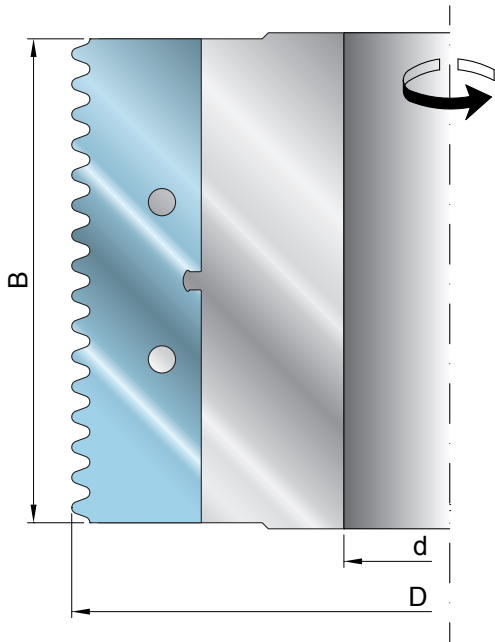
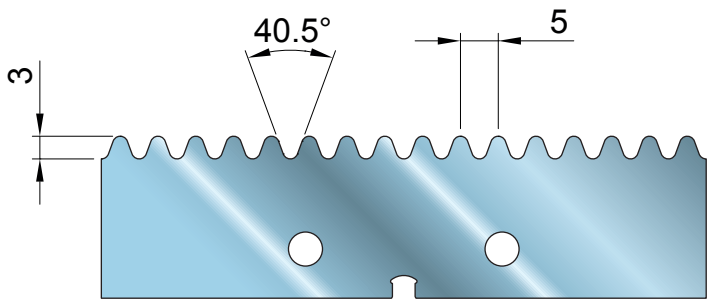
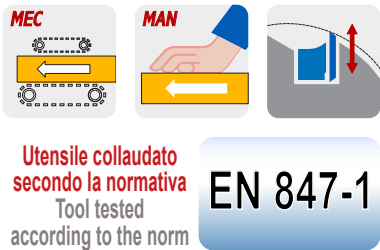
Finger joint cutterhead



CODICE CODE	D mm	B mm	d mm	Z
TFM197G.001	125	80	35/40/50	2
TFM197G.002	140	80	35/40/50	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T79SB	CUNEO / WEDGE	79mm	
CLT197G	COLTELLO / KNIFE	80x25x2	

G



CENTERINOX

TFM198G

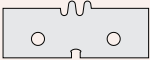
Testa per giunzioni

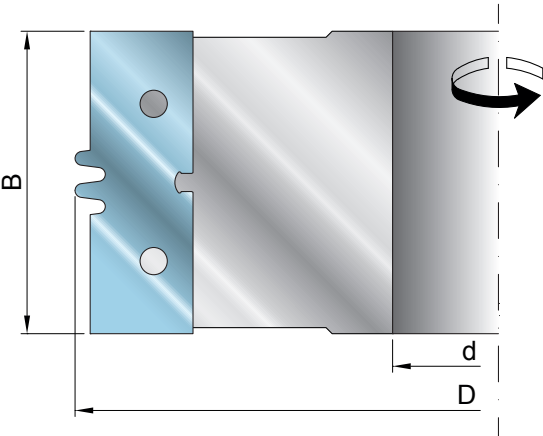
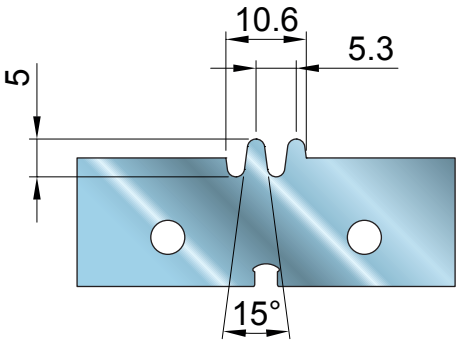
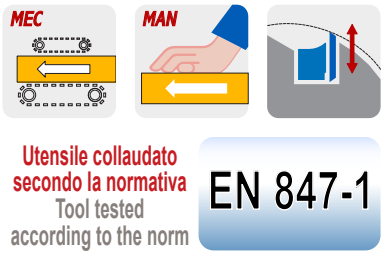
Finger joint cutterhead

G



CODICE CODE	D mm	B mm	d mm	Z
TFM198G.001	140	50	35/40/50	3

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T49SB	CUNEO / WEDGE	49mm	
CLT198G	COLTELLO / KNIFE	50x20x2	



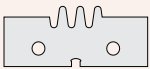
TFM199G

Testa per giunzioni

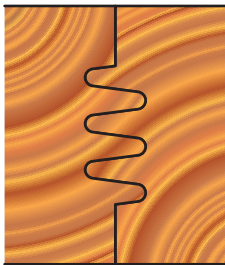
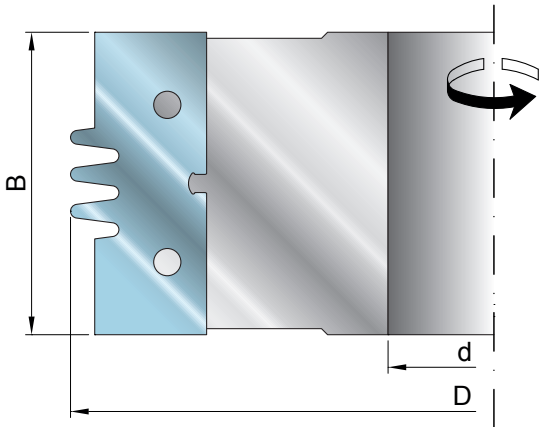
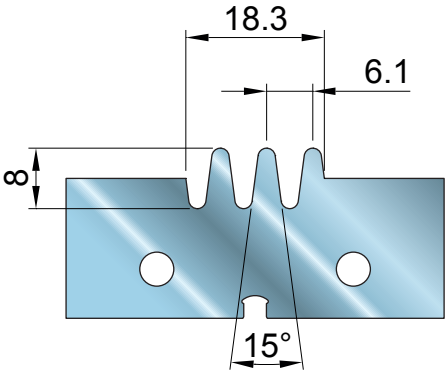
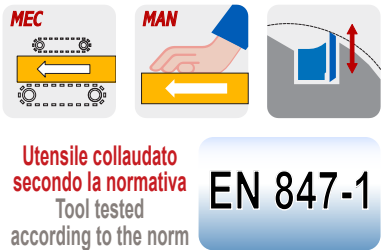
Finger joint cutterhead



CODICE CODE	D mm	B mm	d mm	Z
TFM199G.001	140	50	35/40/50	3

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T49SB	CUNEO / WEDGE	49mm	
CLT199G	COLTELLO / KNIFE	50x25x2	

G



TFM200G

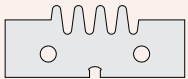
Testa per giunzioni

Finger joint cutterhead

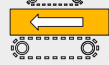
G



CODICE CODE	D mm	B mm	d mm	Z
TFM200G.001	140	50	35/40/50	3

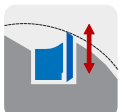
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T49SB	CUNEO / WEDGE	49mm	
CLT200G	COLTELLO / KNIFE	50x20x2	

MEC



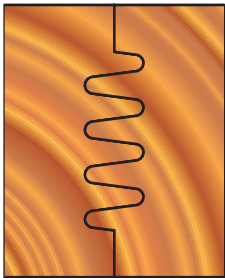
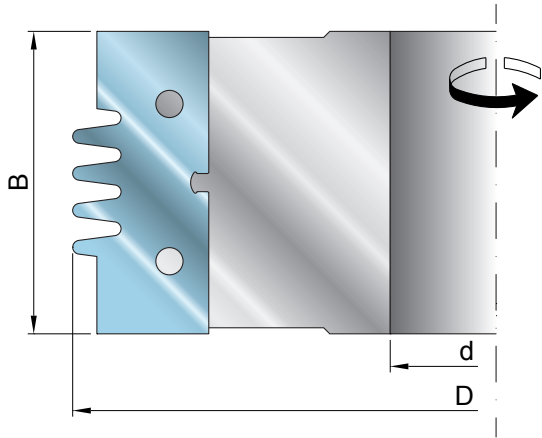
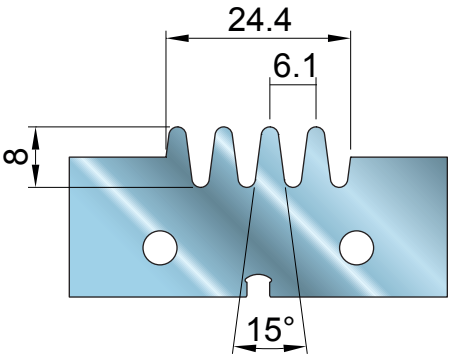
MAN





Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TFM201G

Testa per giunzioni

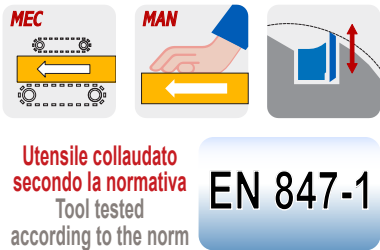
Finger joint cutterhead



CODICE CODE	D mm	B mm	d mm	Z
TFM201G.001	140	50	35/40/50	3

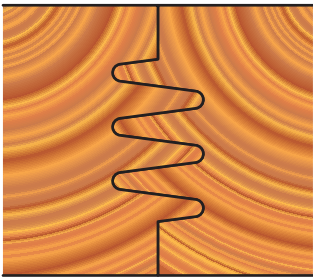
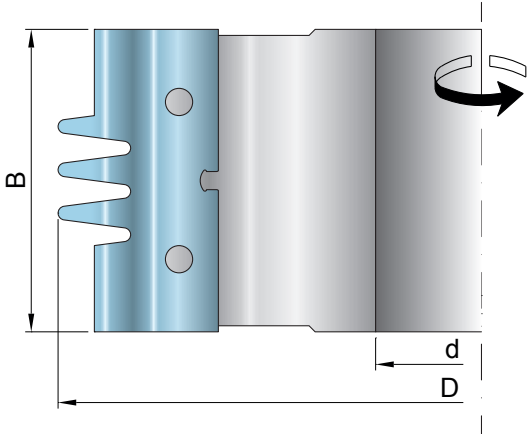
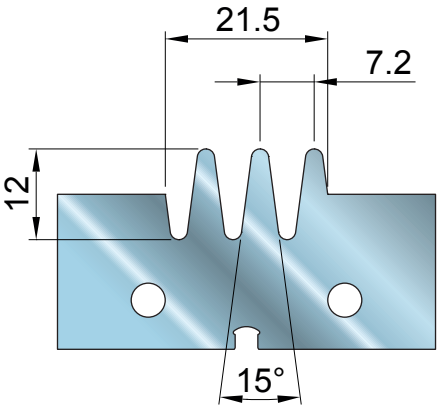
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T49SB	CUNEO / WEDGE	49mm	
CLT201G	COLTELLO / KNIFE	50x25x2	

G



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TFM202G

Testa regolabile per giunzioni

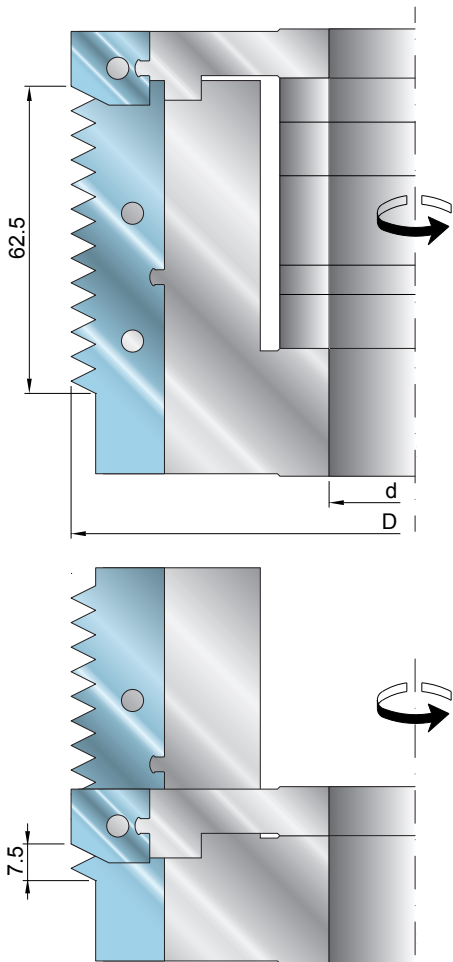
Adjustable finger joint cutterhead

G



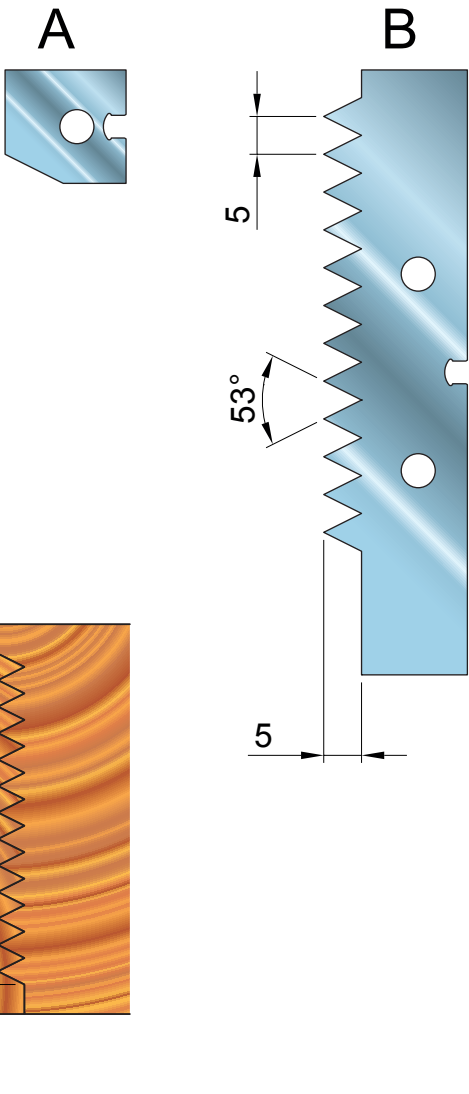
Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



CODICE CODE	D mm	B mm	d mm	Z
TFM202G.001	140	15/70 (MAX 80)	35/40/50	2+2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T14SB	CUNEO / WEDGE	14mm	
T79SB	CUNEO / WEDGE	79mm	
CLT202G/A	COLTELLO / KNIFE	15x20x2	
CLT202G/B	COLTELLO / KNIFE	80x25x2	



TFM203G

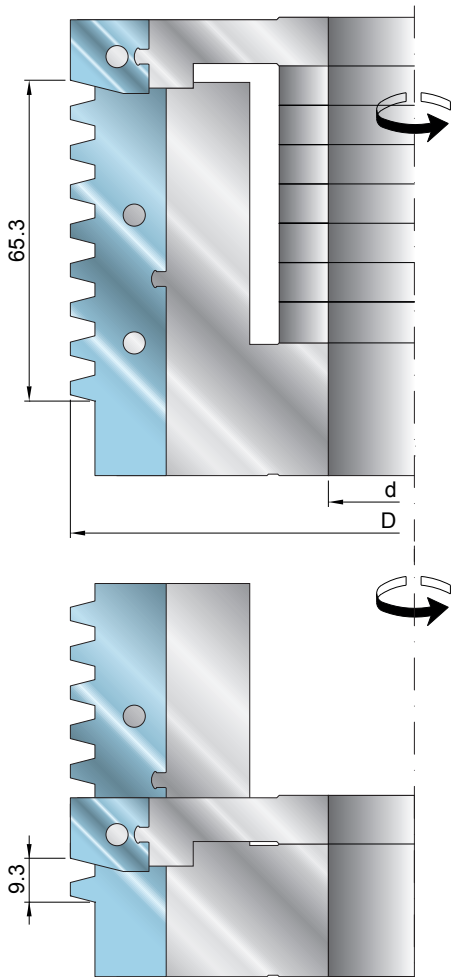
Testa regolabile per giunzioni

Adjustable finger joint cutterhead



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

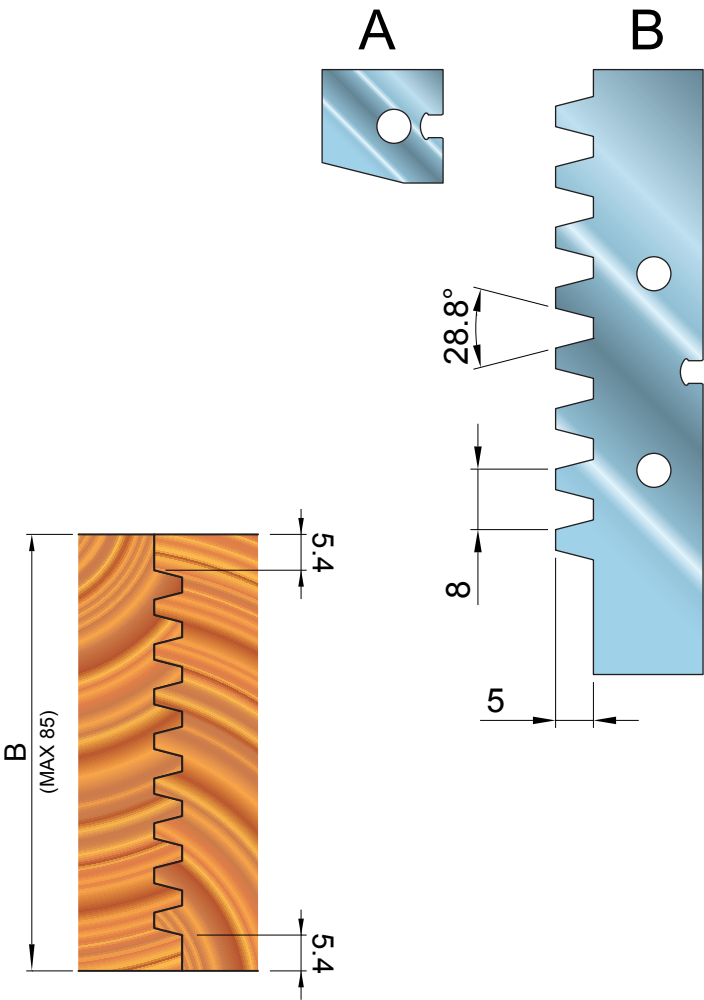
EN 847-1



CODICE CODE	D mm	B mm	d mm	Z
TFM203G.001	140	20/76 (MAX 85)	35/40/50	2+2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T14SB	CUNEO / WEDGE	14mm	
T79SB	CUNEO / WEDGE	79mm	
CLT203G/A	COLTELLO / KNIFE	15x20x2	
CLT203G/B	COLTELLO / KNIFE	80x25x2	

G



TFM204G

Testa regolabile per giunzioni

Adjustable finger joint cutterhead

G



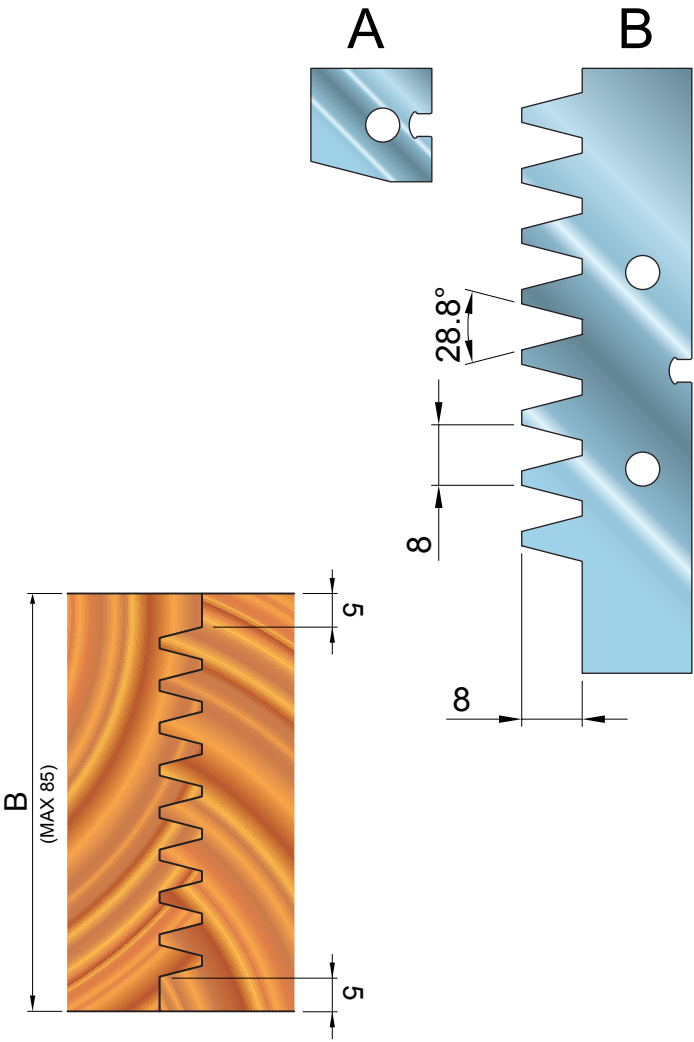
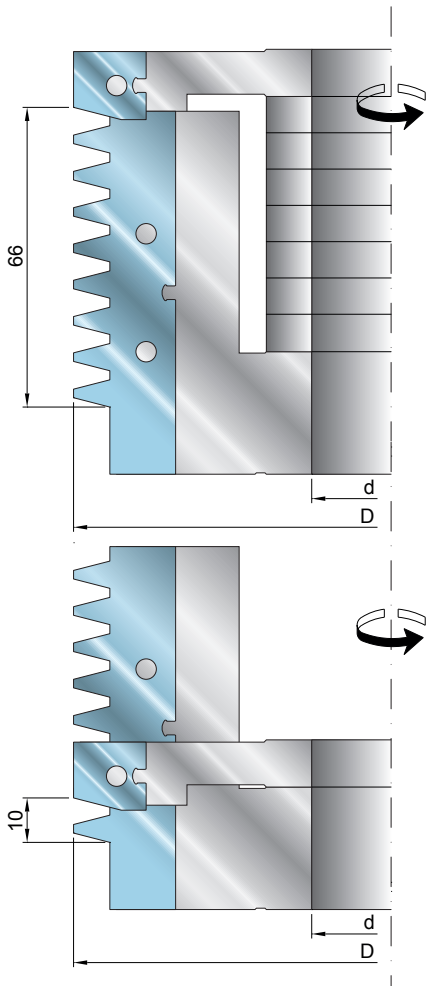
CODICE CODE	D mm	B mm	d mm	Z
TFM204G.001	140	20/77 (MAX 85)	35/40/50	2+2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T14SB	CUNEO / WEDGE	14mm	
T79SB	CUNEO / WEDGE	79mm	
CLT204G/A	COLTELLO / KNIFE	15x20x2	
CLT204G/B	COLTELLO / KNIFE	80x25x2	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



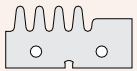
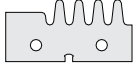
TFM205G

Testa regolabile per giunzioni

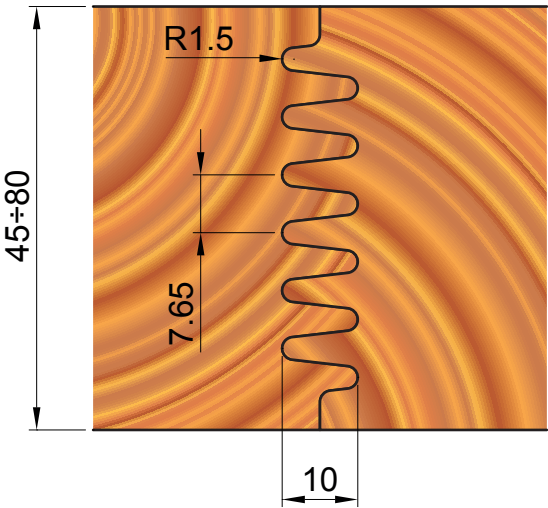
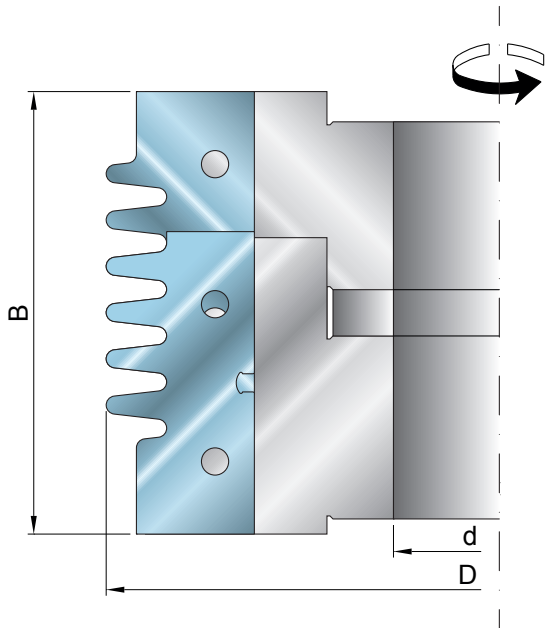
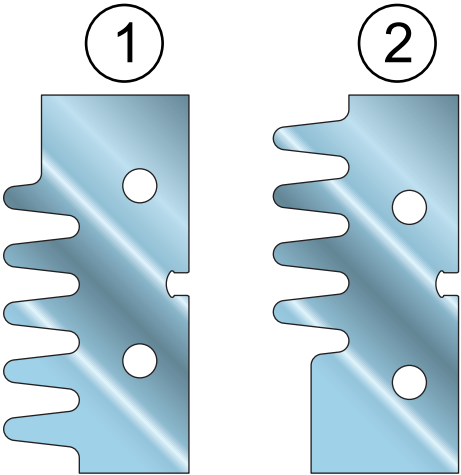
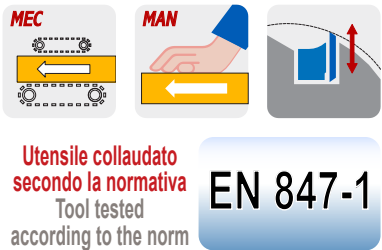
Adjustable finger joint cutterhead



CODICE CODE	D mm	B mm	d mm	Z
TFM205G.001	160	45/80	35/40/50	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T49SB	CUNEO / WEDGE	49mm	
CLT205G/1	COLTELLO / KNIFE	50x25x2	
CLT205G/2	COLTELLO / KNIFE	50x25x2	

G



TFM211G

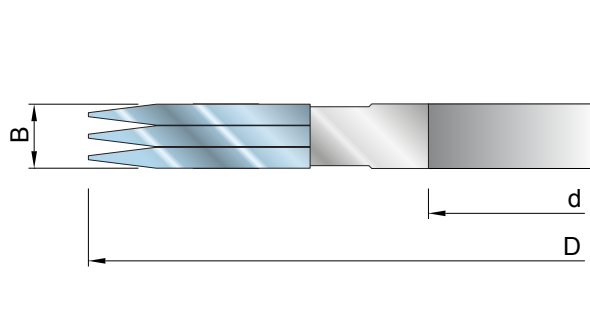
Testa per giunzione

Finger joint cutterhead

G



CODICE CODE	D mm	B mm	d mm	Z
TFM211G.001	180	11.3	35/40/50/60	9



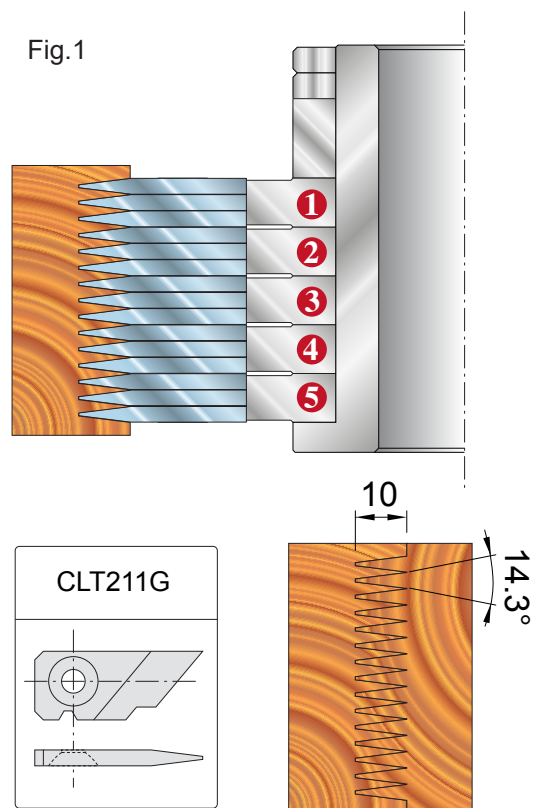
Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

La TFM211G può essere sovrapposta
come in fig.1, fino al raggiungimento dello
spessore desiderato.

TFM211G it can be programmed to the
desired thickness (fig.1)

Fig.1



TFM207G

Testa per giunzioni a 45°

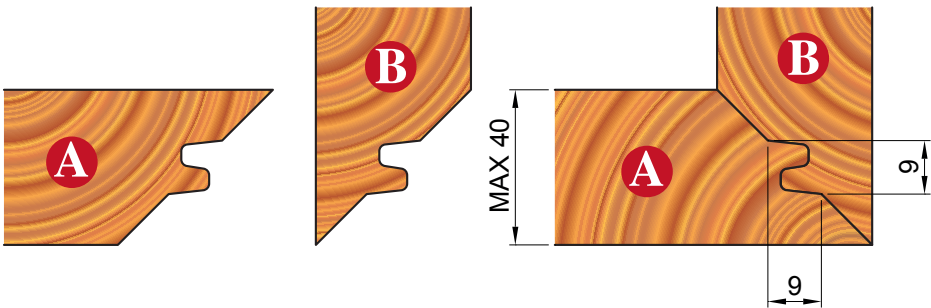
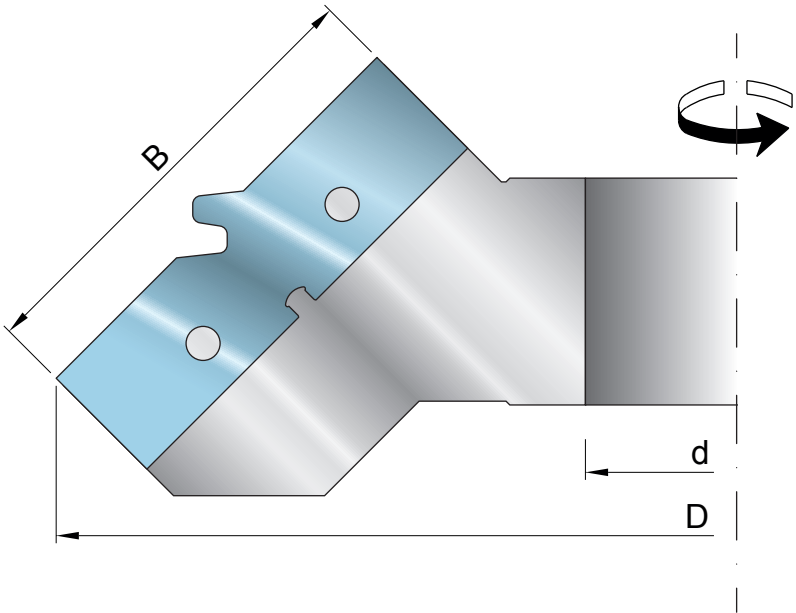
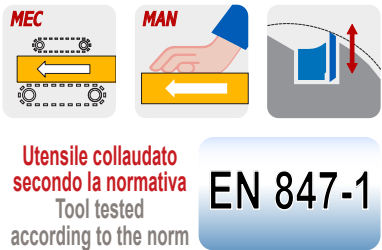
45° finger joint cutterhead



CODICE CODE	D mm	B mm	d mm	Z
TFM207G.001	180	60	35/40	3
TFM207G.002	200	60	50	3

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T59SB	CUNEO / WEDGE	59mm	
CLT207G	COLTELLO / KNIFE	60x25x2	

G



TFM210G

Testa per giunzioni a 45°

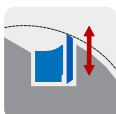
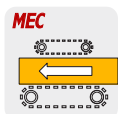
45° finger joint cutterhead

G



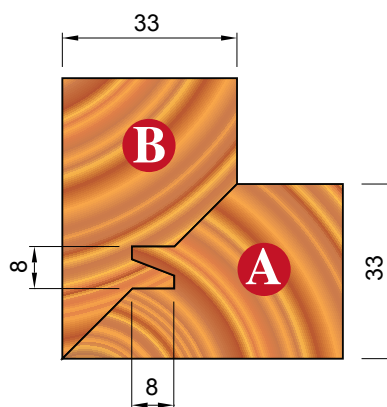
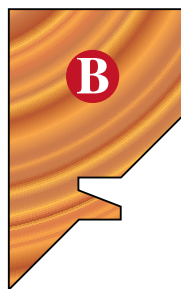
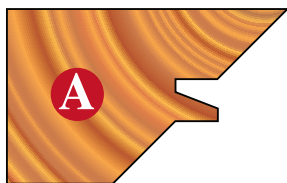
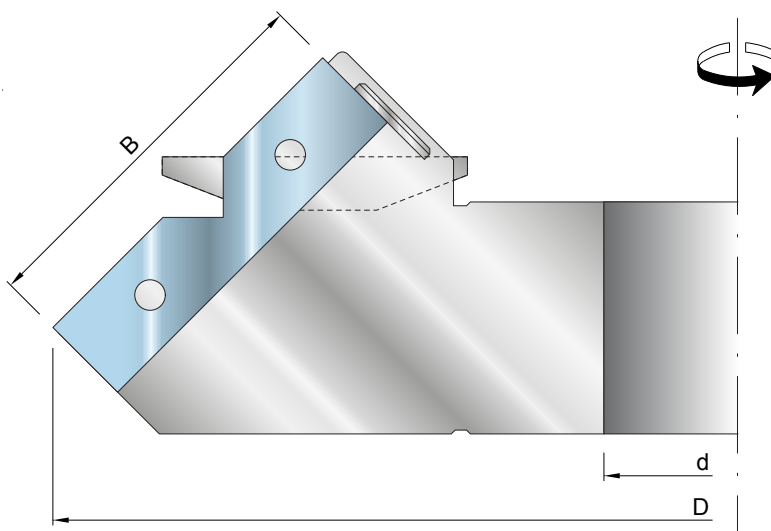
CODICE CODE	D mm	B mm	d mm	Z
TFM210G.001	180	50	35/40/50	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
TOR1346	VITE / SCREW	M6X14	
INS210	INSERTO / INSERT		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T49SB	CUNEO / WEDGE	49mm	
CLT210G	COLTELLO / KNIFE	50x12x1.5	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TFM208G

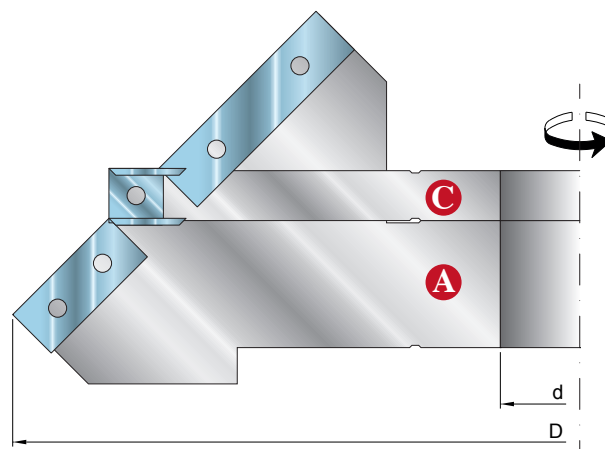
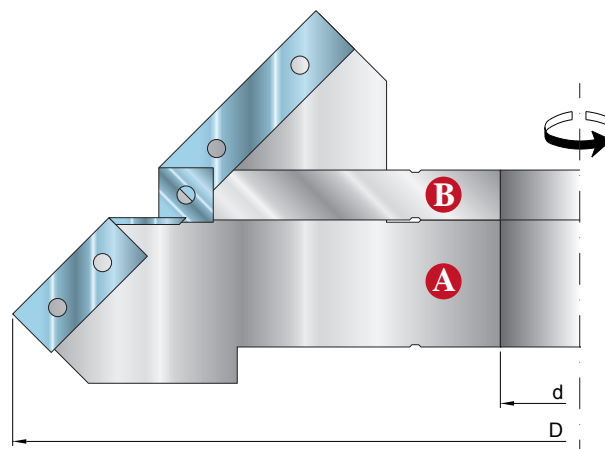
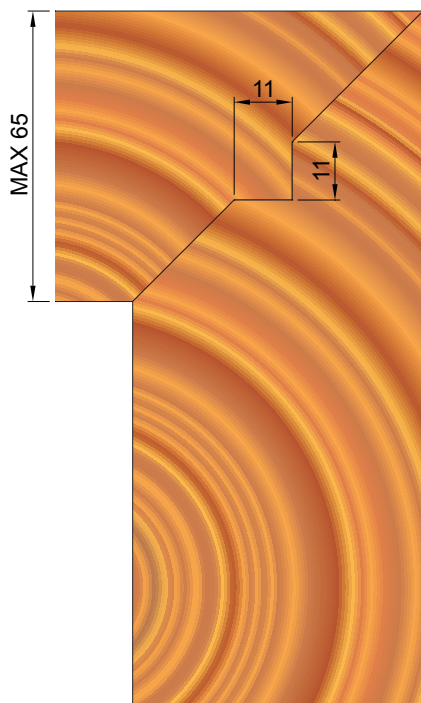
Gruppo di teste per giunzioni a 45°

Set of 45° finger joint cutterheads



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



CODICE CODE	D mm	B mm	d mm	Z	Rif.
TFM208G.001	250	45	35/40/50	3	A/B/C

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VRS6	VITE / SCREW	M5X7		A/C
RSN2	COLTELLO / KNIFE	14X14X2		A/C
GRN1DX-SX	VITE / SCREW	M8 - M6		A/B/C
LR.2	CUNEO / WEDGE	10.8mm		B/C
T29SB	CUNEO / WEDGE	29mm		A
T49SB	CUNEO / WEDGE	49mm		A
012L12	COLTELLO / KNIFE	12X12X1.5		B/C
012L30	COLTELLO / KNIFE	30X12X1.5		A
012L50	COLTELLO / KNIFE	50X12X1.5		A

G

CENTERINOX

TFM209G

Gruppo di teste per giunzioni

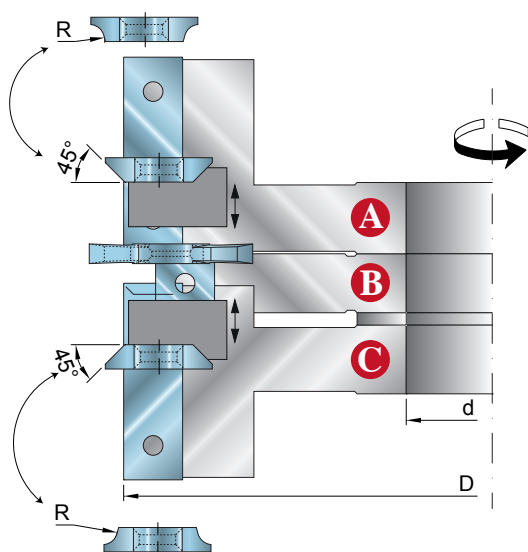
Set of Finger joint cutterheads

G



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



CODICE CODE	D mm	B mm	d mm	Z	Rif.
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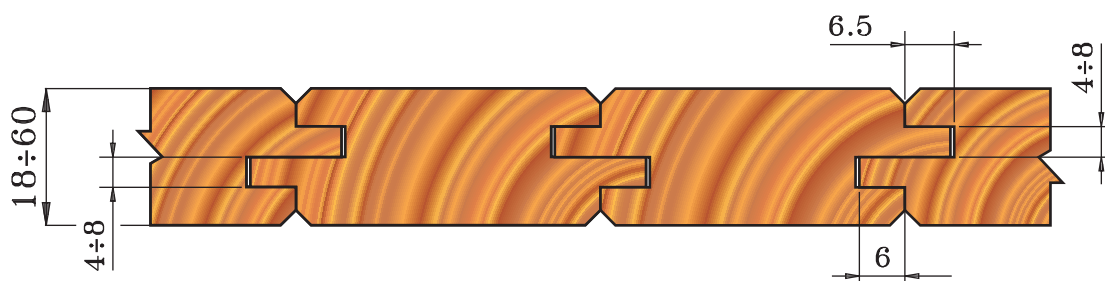
TFM209G.001 150 40 35/40/50 2 A/B/C

Indicare il tipo di inserto : SPG1 (45°) o RGT1 (R1.5) RGT2 (R2) RGT3 (R3)

Indicate the insert type : SPG1 (45°) o RGT1 (R1.5) RGT2 (R2) RGT3 (R3)

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		Rif.
----------------	----------------------------------	--	------

VRS6	VITE / SCREW	M5X7		C
RSN2	COLTELLO / KNIFE	14X14X2		C
TOR1346	VITE / SCREW	M6X14		A/C
RGTR1/2/3	RAGGIATORE / RADIUS INSERT	R1.5 - R2 - R3		A/C
SPIG1	SPIGOLATORE/BEVELLING INS.	45°		A/C
VINS4	VITE / SCREW	M5X12		A/B/C
INS4	INSERTO / INSERT	4mm		A/B
GRN1	VITE / SCREW	M5X10		A/C
CARRDX	SUPPORTO MOBILE	MOBILE SUPPORT		A/C
CARRSX	SUPPORTO MOBILE	MOBILE SUPPORT		A/C
GRN1DX-SX	VITE / SCREW	M8 - M6		A/B/C
LR.2	CUNEO / WEDGE	10.8mm		B
OGV1SB	OGIVA / NUT	M8		A/C
T39SB	CUNEO / WEDGE	39mm		A/C
012L12	COLTELLO / KNIFE	12X12X1.5		B
012L40	COLTELLO / KNIFE	40X12X1.5		A/C





TESTE A FISSAGGIO MECCANICO MULTIPROFILO
MULTIPROFILE CUTTERHEADS

SEZIONE H
SECTION H





Testa portacoltelli multiprofilo **TFM230H**
Multiprofile cutterhead pag.124



Testa portacoltelli multiprofilo **TFM231H**
Multiprofile cutterhead pag.126



Set di teste portacoltelli multiprofilo **TFM232H**
Set of multi-profile cutterhead pag.129



Set di teste portacoltelli Hobby-Kit **TFM233H**
Set of cutterheads Hobby-Kit pag.132

TFM230H

Testa portacoltelli multiprofilo

Multi-profile cutterhead



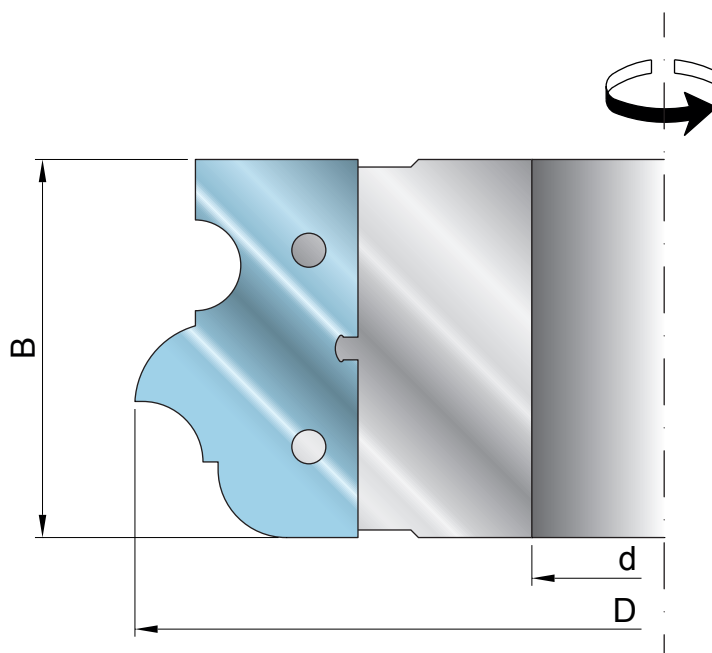
CODICE CODE	D mm	B mm	d mm	Z
TFM230H.001	140	50	35/40	3

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T49SB	CUNEO / WEDGE	49mm	
CLT230H	COLTELLO / KNIFE	50x30x2	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

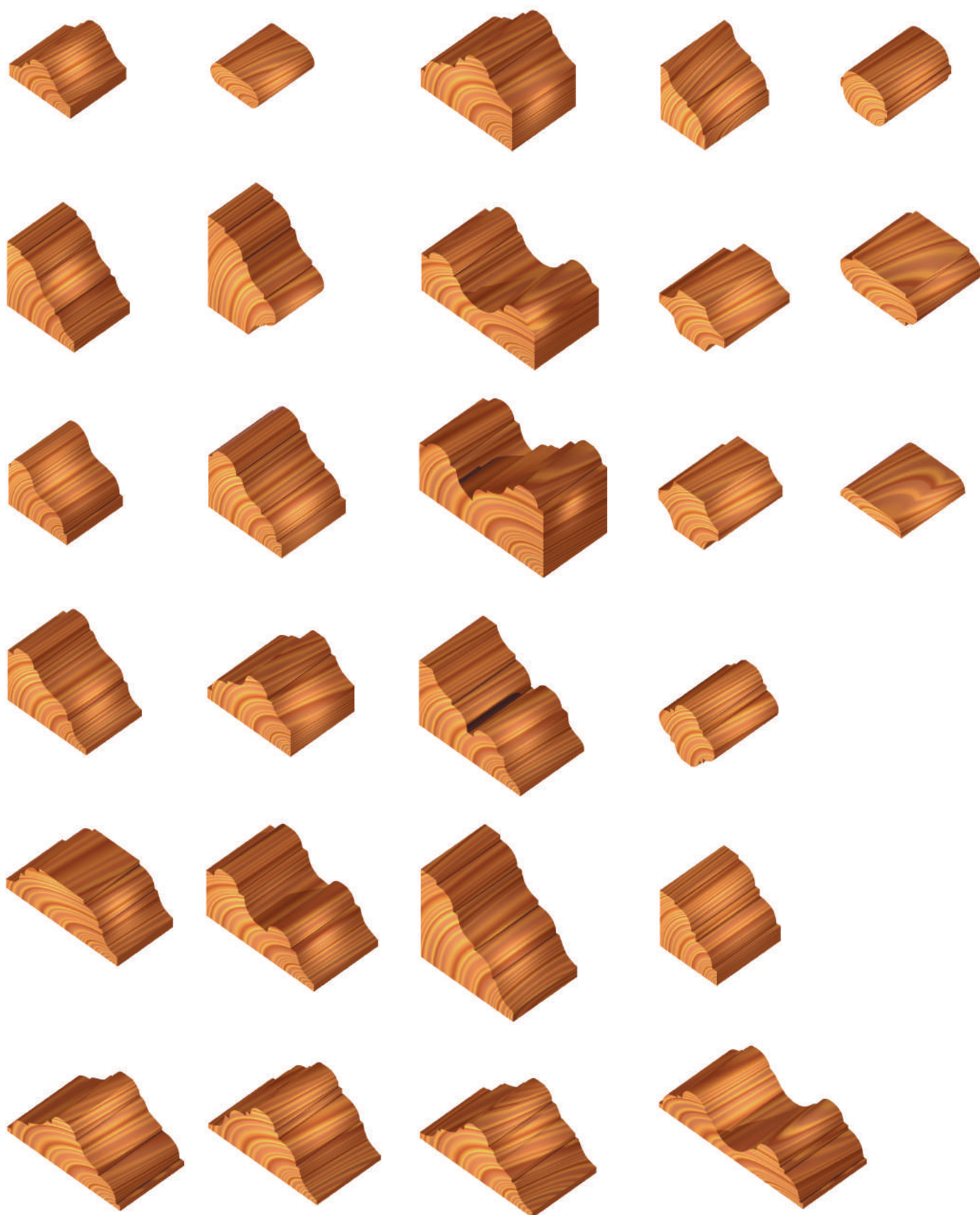
EN 847-1



TFM230H

Testa portacoltelli multiprofilo

Multi-profile cutterhead



TFM231H

Testa portacoltelli multiprofilo

Multi-profile cutterhead



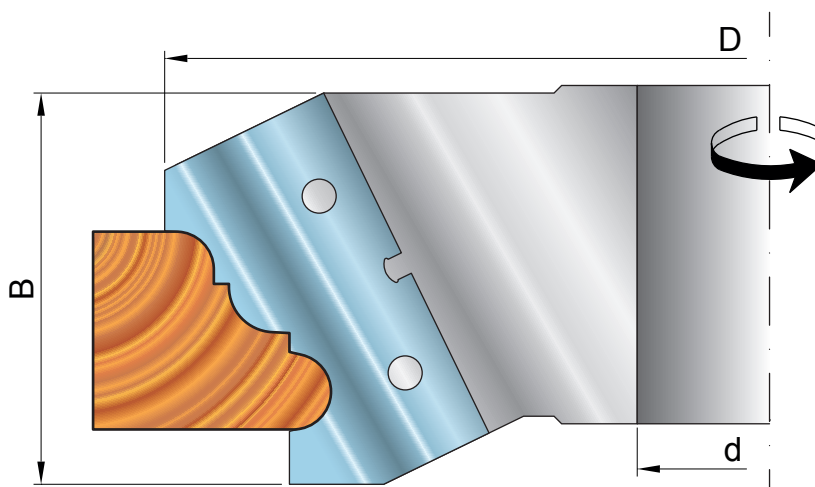
CODICE CODE	D mm	B mm	d mm	Z
TFM231H.001	160	50	35/40	3

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T49SB	CUNEO / WEDGE	49mm	
CLT231H	COLTELLO / KNIFE	50x30x2	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

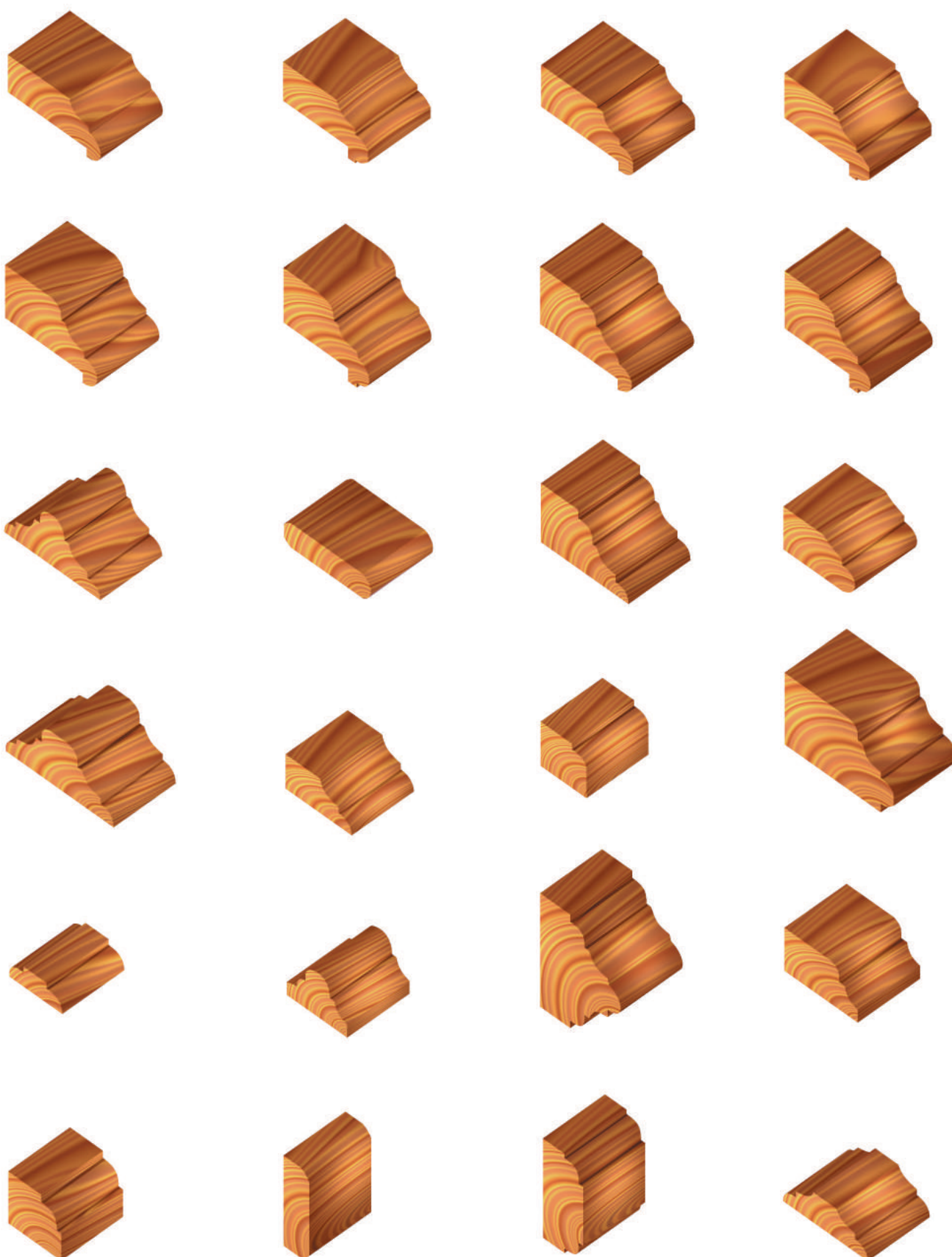
EN 847-1



TFM231H

Testa portacoltelli multiprofilo

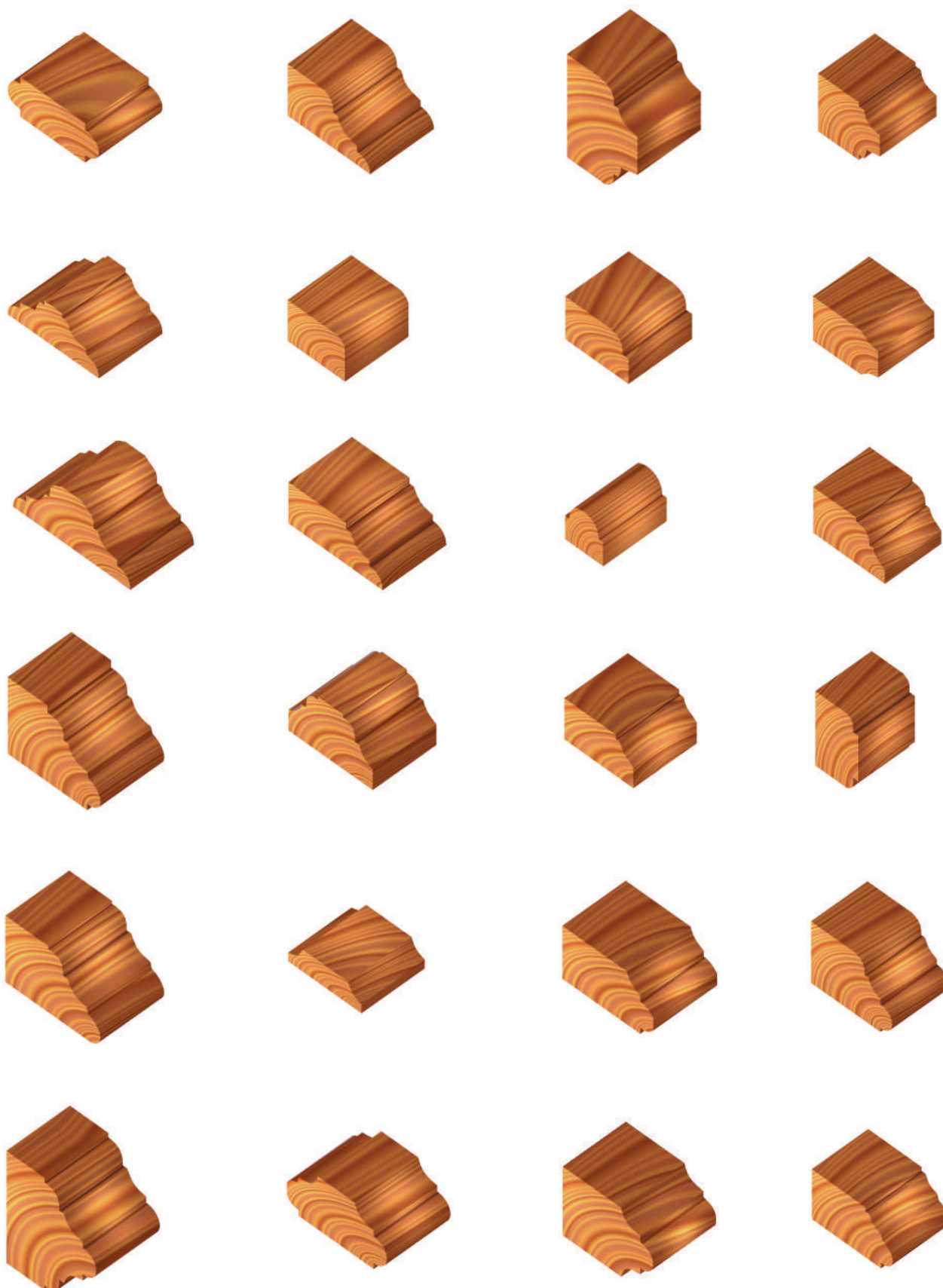
Multi-profile cutterhead



TFM231H

Testa portacoltelli multiprofilo

Multi-profile cutterhead



TFM232H

Set di teste portacoltelli multiprofilo

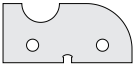
Set of multi-profile cutterhead

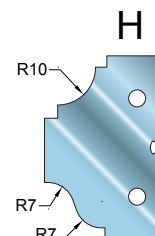
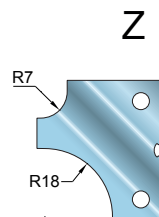
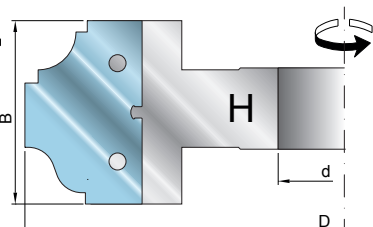
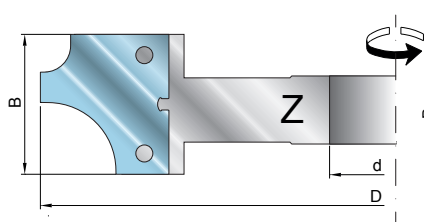
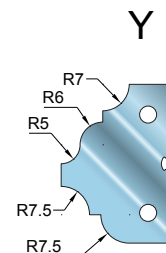
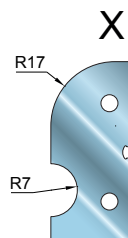
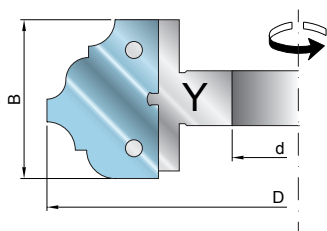
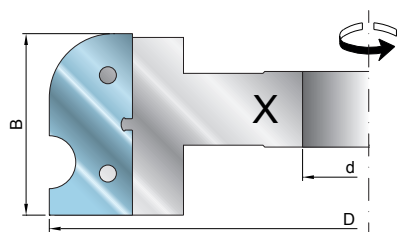


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	B mm	d mm	Z	Rif.
TFM232H.001	169	49	35/40/50	2	X
TFM232H.002	133	42	35/40/50	2	Y
TFM232H.003	188	38.5	35/40/50	2	Z
TFM232H.004	174	49	35/40/50	2	H

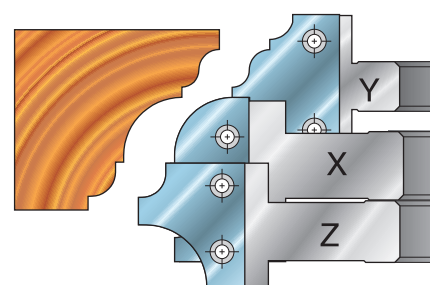
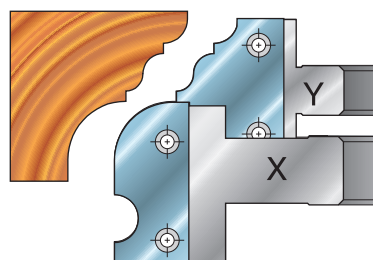
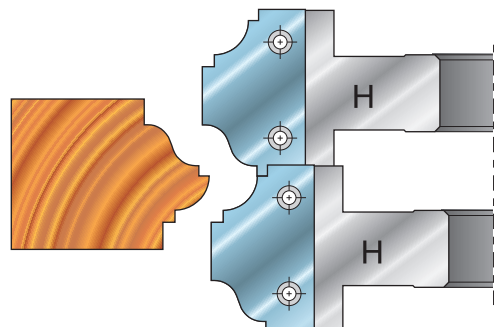
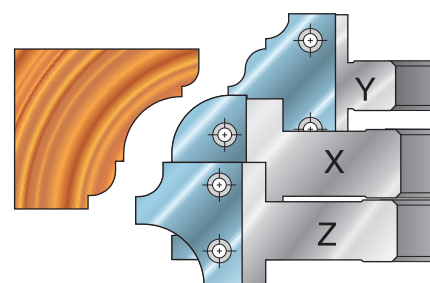
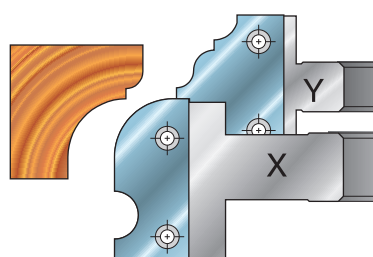
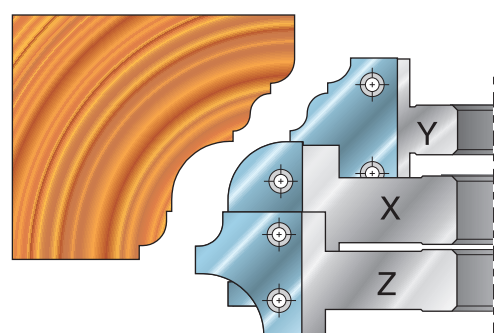
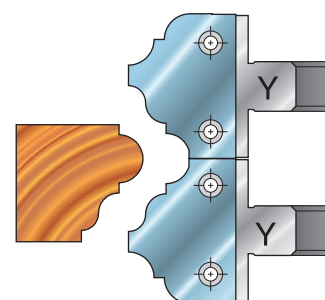
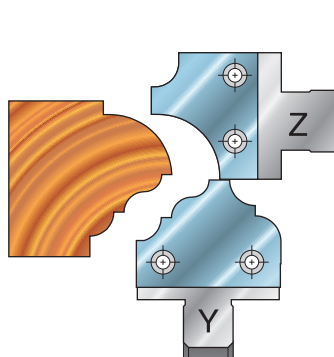
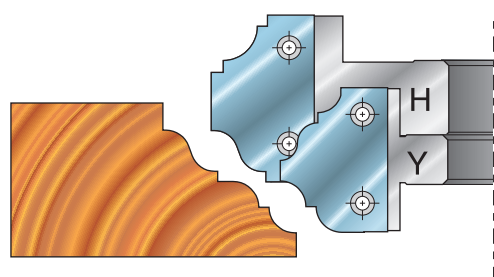
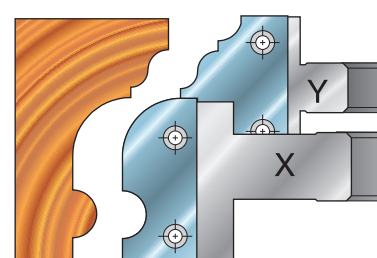
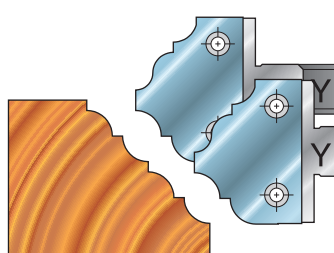
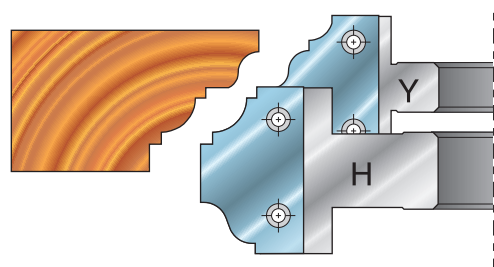
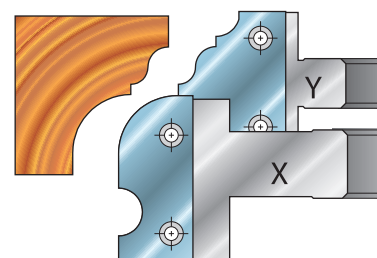
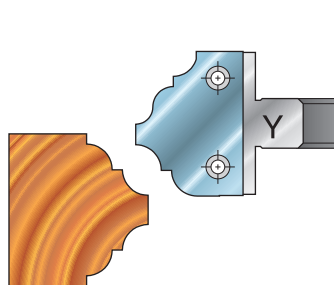
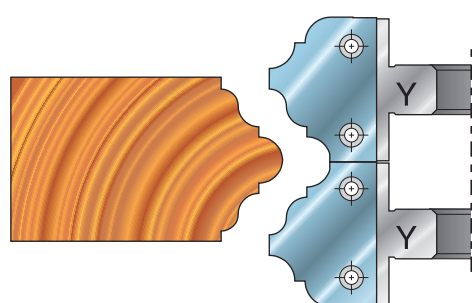
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
GRN1DX-SX	VITE / SCREW	M8-M6 
OGV1SB	OGIVA / NUT	M8 
T34SB	CUNEO / WEDGE	34mm 
T49SB	CUNEO / WEDGE	49mm 
CLT232H/X	COLTELLO / KNIFE	49x25x2 
CLT232H/Y	COLTELLO / KNIFE	42x25x2 
CLT232H/Z	COLTELLO / KNIFE	38.5x30x2 
CLT232H/H	COLTELLO / KNIFE	49x30x2 

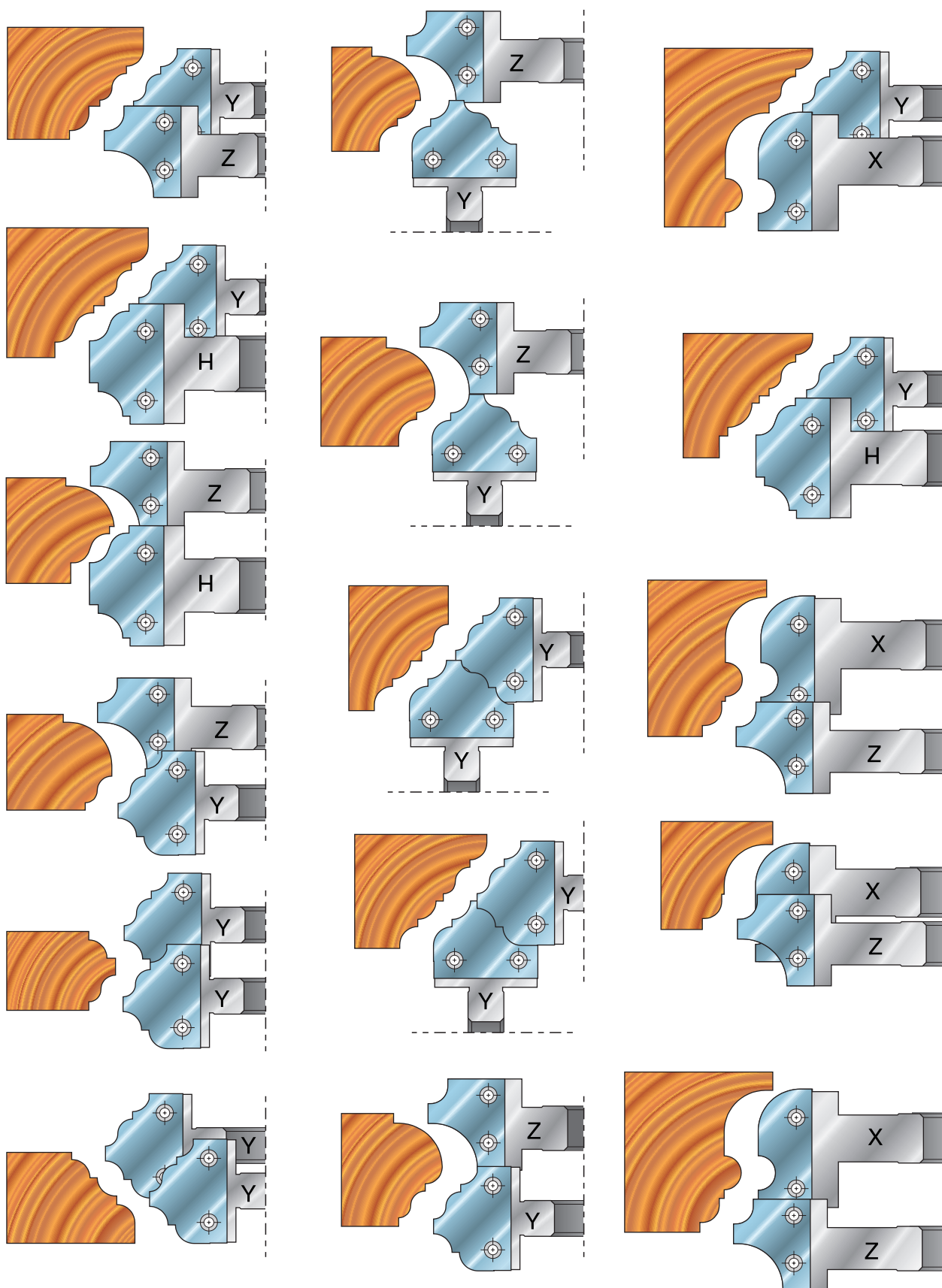


TFM232H

Set di teste portacoltelli multiprofilo

Set of multi-profile cutterhead





TFM233H

Set di teste portacoltelli Hobby-Kit

Set of cutterheads Hobby-Kit



CODICE CODE	DESCRIZIONE DESCRIPTION
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TFM233H

SET COMPLETO DI N.6 UTENSILI / COMPLETE SET OF 6 TOOLS

CODICE CODE	D mm	B mm	d mm	Z	Rif.
TFM233H.001	160	12	30/35	2	F1
TFM233H.002	90	50	30/35	2	F2
TFM233H.003	160	8	30/35	2	F3
TFM233H.004	160	20	30/35	2	F4
TFM233H.005	100	20	30/35	2	F5
TFM233H.006	120	30	30/35	2	F6

Il set comprende tutti gli utensili elencati in tabella

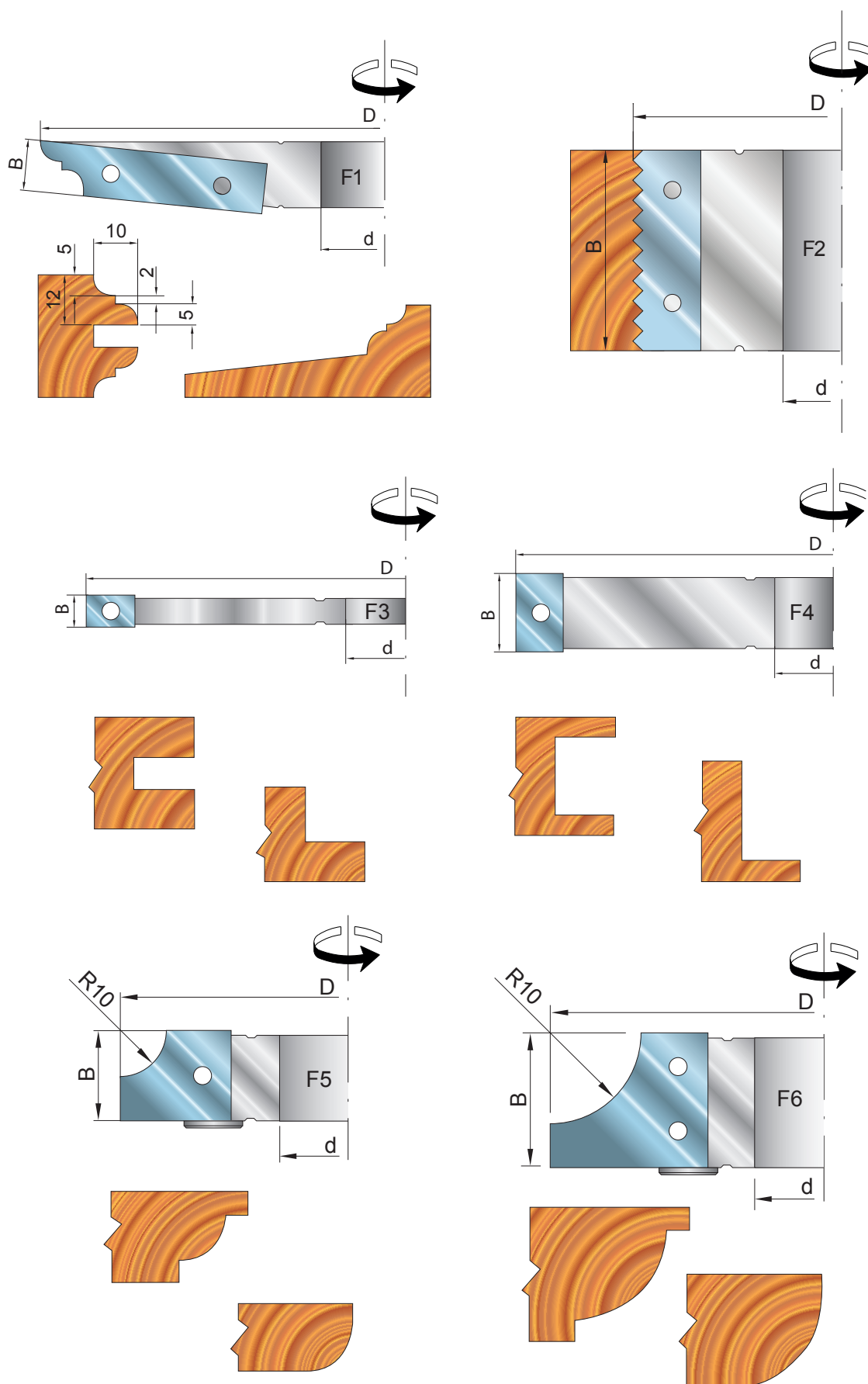
The set includes all the tools listed in the table



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

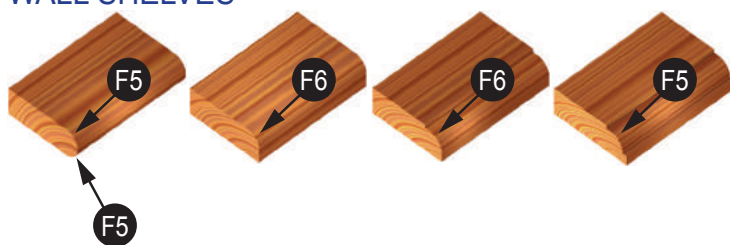
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
GRN1DX-SX	VITE / SCREW	M8-M6		F1/F2/F3/F4/F5/F6
LR.1	CUNEO / WEDGE	7.3mm		F3
OGV1SB	OGIVA / NUT	M8		F1/F2/F4/F5/F6
T19SB	CUNEO / WEDGE	19mm		F4/F5
T29SB	CUNEO / WEDGE	29mm		F6
T49SB	CUNEO / WEDGE	49mm		F2
T59SB	CUNEO / WEDGE	59mm		F1
012L75	COLTELLO / KNIFE	7.5X12X1.5		F3
012L20	COLTELLO / KNIFE	20X12X1.5		F4
CLT233H/F1	COLTELLO / KNIFE	60X12X1.5 MODIF.		F1
CLT233H/F2	COLTELLO / KNIFE	50X12X1.5		F2
CLT233H/F5	COLTELLO / KNIFE	20X25x2		F5
CLT233H/F6	COLTELLO / KNIFE	30X35X2		F6



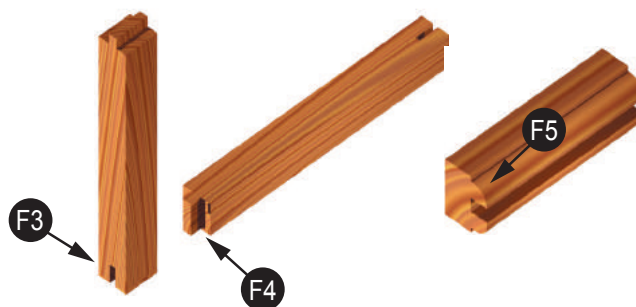
TAVOLO
TABLE



MENSOLE DA MURO E TOP CUCINA
WALL SHELVES



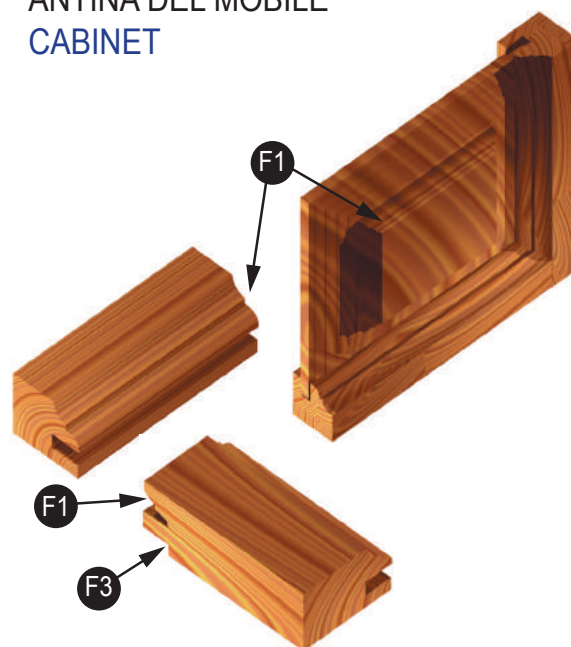
PROFILO PER MONTANTE FINESTRA
WINDOW JAMB PROFILE



PORTA INTERNA
INSIDE DOOR



ANTINA DEL MOBILE
CABINET

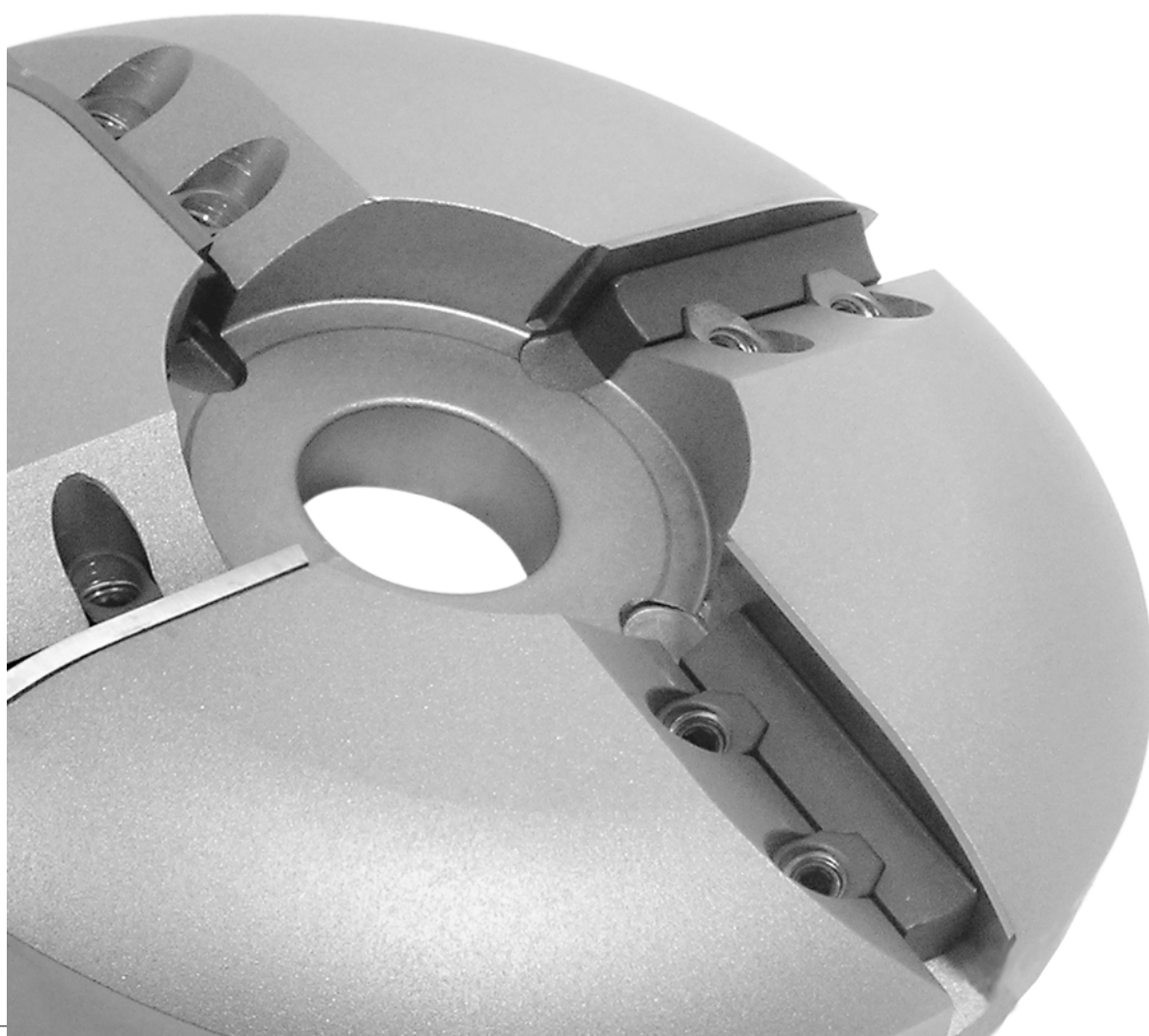




TESTE A FISSAGGIO MECCANICO PER BUGNE
RAISED PANEL CUTTERHEADS

SEZIONE I

SECTION I





Testa portacoltelli per bugne profilo dritto
Raised panel cutterhead

TFM253I
pag.138



Testa portacoltelli per bugne profilo sagomato
Profile raised panel cutterhead

TFM254I
pag.139



Testa portacoltelli per bugne multiprofilo
Multi profile rised panel cutterhead

TFM255I
pag.140



Testa portacoltelli per bugne multiprofilo
Multi profile rised panel cutterhead

TFM257I
pag.142



Testa portacoltelli per bugne multiprofilo
Multi profile rised panel cutterhead

TFM258I
pag.144

TFM253 I

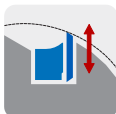
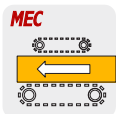
Testa portacoltelli per bugne profilo dritto

Raised panel cutterhead



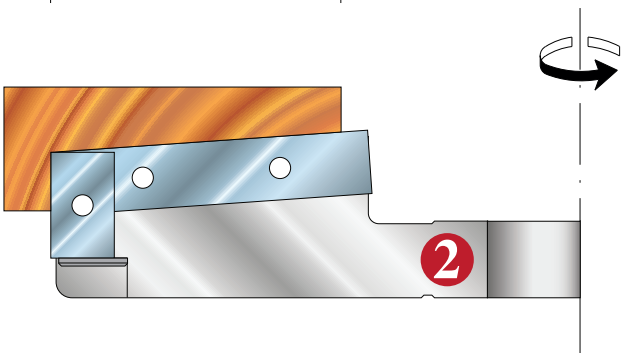
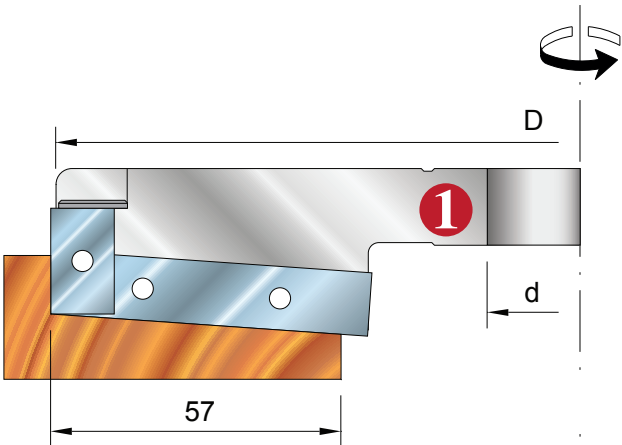
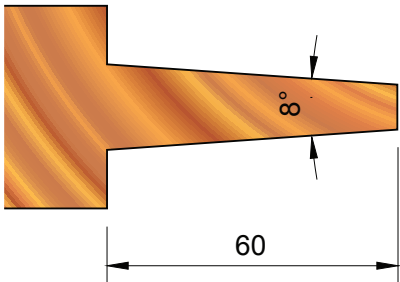
CODICE CODE	D mm	d mm	Z	RIF.
TFM253I.001	200	35/40/50	2+2	1
TFM253I.002	200	35/40/50	2+2	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T19SB	CUNEO / WEDGE	19mm	
T59SB	CUNEO / WEDGE	59mm	
012L20	COLTELLO / KNIFE	20X12X1.5	
012L60	COLTELLO / KNIFE	60X12X1.5	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TFM254 I

Testa portacoltelli per bugne profilo sagomato

Profile raised panel cutterhead



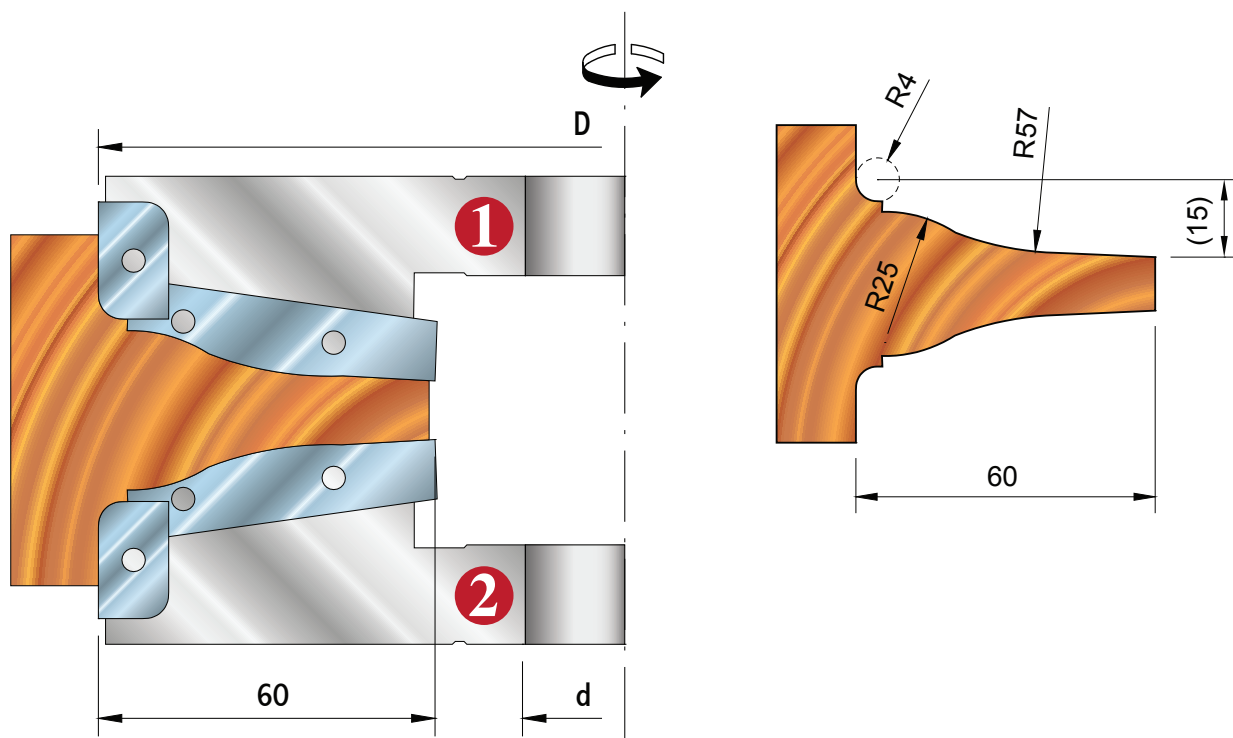
CODICE CODE	D mm	d mm	Z	RIF.
TFM254I.001	180	35/40/50	2+2	1
TFM254I.002	180	35/40/50	2+2	2
TFM254I.003	200	35/40/50	2+2	1
TFM254I.004	200	35/40/50	2+2	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T19SB	CUNEO / WEDGE	19mm	
T49SB	CUNEO / WEDGE	49mm	
CLT254/E1	COLTELLO / KNIFE	20X12X1.5	
CLT254/E2			
CLT254/F1	COLTELLO / KNIFE	60X12X1.5	
CLT254/F2			



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



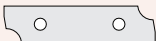
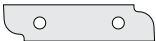
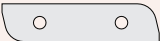
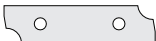
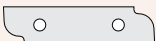
TFM255 I

Testa portacoltelli per bugne multiprofilo

Multi profile rised panel cutterhead



CODICE CODE	D mm	d mm	Z	RIF.
TFM255I.001	180	35/40/50	2+2	1
TFM255I.002	180	35/40/50	2+2	2
TFM255I.003	200	35/40/50	2+2	1
TFM255I.004	200	35/40/50	2+2	2

CODICE CODE		D	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX			VITE / SCREW	M8-M6	
OGV1SB			OGIVA / NUT	M8	
T19SB			CUNEO / WEDGE	19mm	
T49SB			CUNEO / WEDGE	49mm	
CLT255/V1			COLTELLO / KNIFE	20X12X1.5	
CLT255/V2					
CLT255/T1			COLTELLO / KNIFE	20X12X1.5	
CLT255/T2					
CLT255/A1-50	180		COLTELLO / KNIFE	50X12X1.5	
CLT255/A2-50	180				
CLT255/B1-50	180		COLTELLO / KNIFE	50X12X1.5	
CLT255/B2-50	180				
CLT255/C1-50	180		COLTELLO / KNIFE	50X12X1.5	
CLT255/C2-50	180				
CLT255/A1-60	200		COLTELLO / KNIFE	60X12X1.5	
CLT255/A2-60	200				
CLT255/B1-60	200		COLTELLO / KNIFE	60X12X1.5	
CLT255B2-60	200				
CLT255C1-60	200		COLTELLO / KNIFE	60X12X1.5	
CLT255C2-60	200				

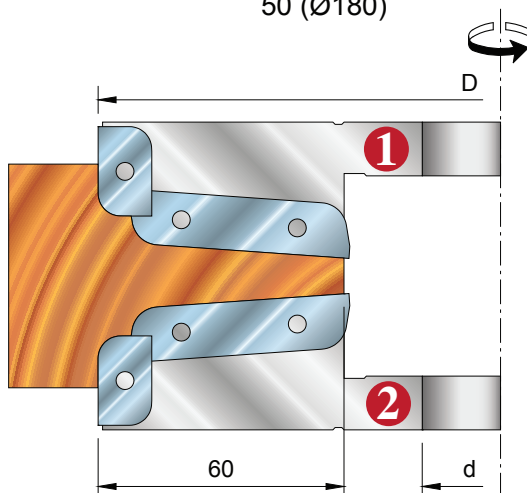
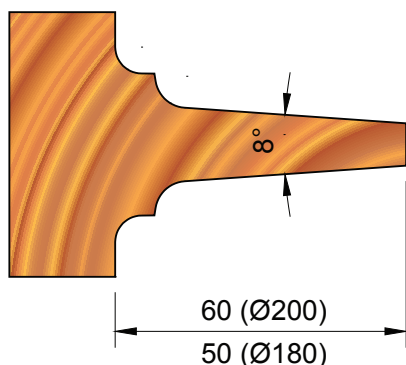
Comprese tutte le sagome / All profiles included

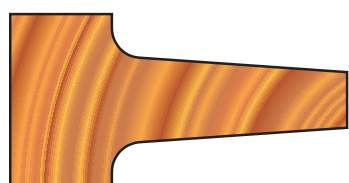
Coltelli ricambio in confezioni da 10 pz / Spare knives in packs of 10 pz



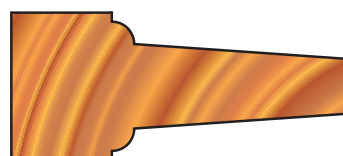
Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

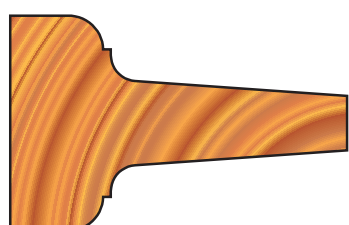




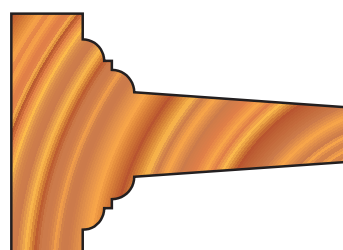
A



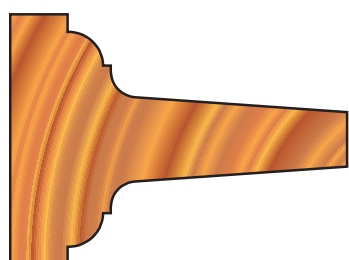
B



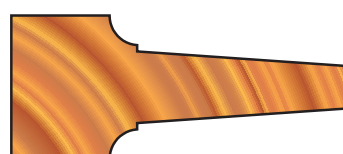
AT



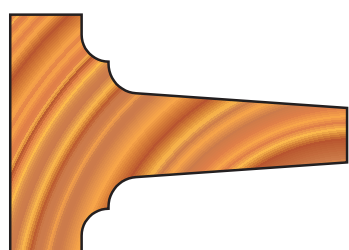
BT



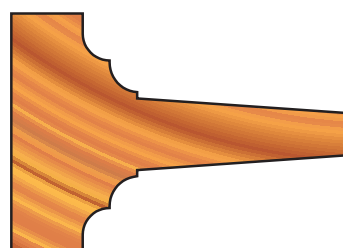
AT



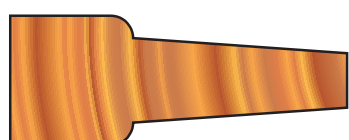
C



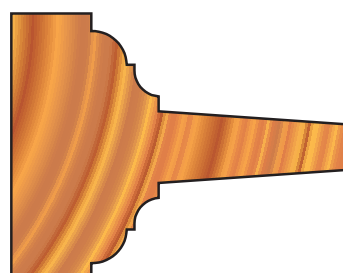
AV



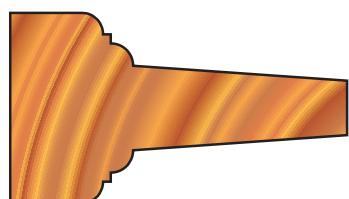
CV



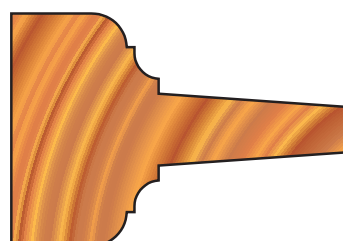
B



CT



BT



CT



TFM257 I

Testa portacoltelli per bugne multiprofilo

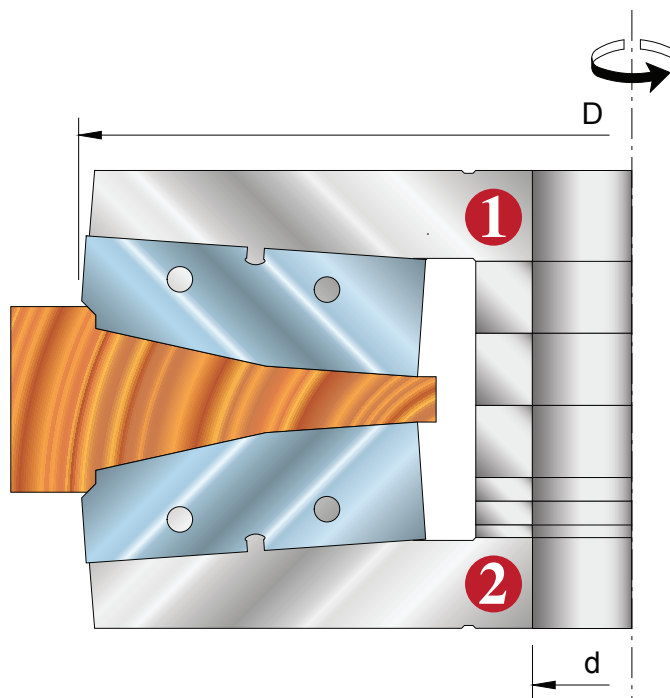
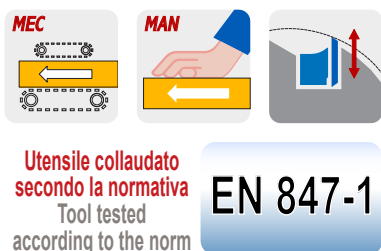
Multi profile raised panel cutterhead

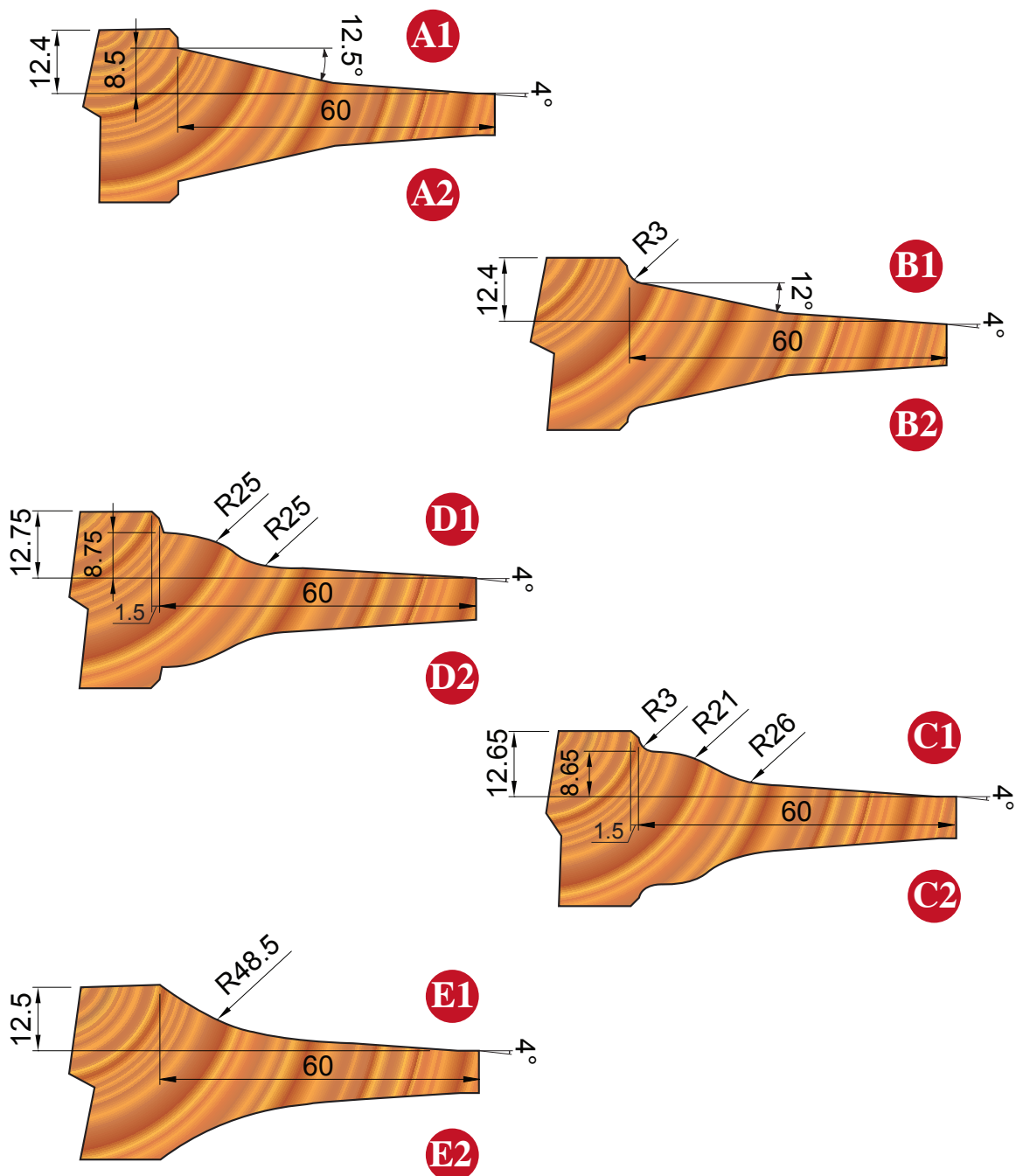


CODICE CODE	D mm	B mm	d mm	Z	Rif.
TFM257I.001	200	60	35/40/50	4	1
TFM257I.002	200	60	35/40/50	4	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T59SB	CUNEO / WEDGE	59mm	
CLT257/A1	COLTELLO / KNIFE	60X20X2	
CLT257/A2			
CLT257/B1	COLTELLO / KNIFE	60X20X2	
CLT257/B2			
CLT257/C1	COLTELLO / KNIFE	60X20X2	
CLT257/C2			
CLT257/D1	COLTELLO / KNIFE	60X20X2	
CLT257/D2			
CLT257/E1	COLTELLO / KNIFE	60X20X2	
CLT257/E2			

Un profilo a scelta / A profile to choice





TFM258 I

Testa portacoltelli per bugne multiprofilo

Multi profile raised panel cutterhead



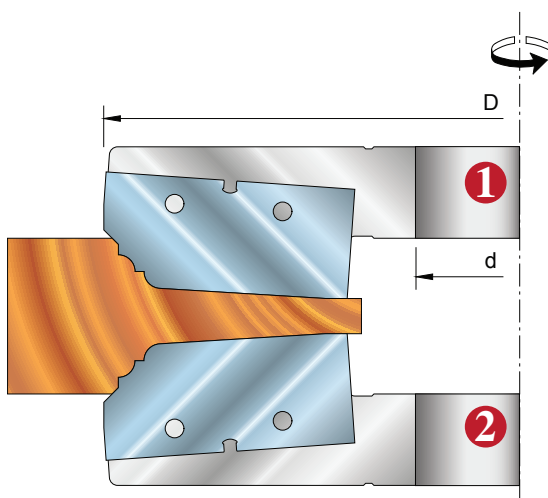
CODICE CODE	D mm	d mm	Z	Rif.
TFM258I.001	200	35/40	4	1
TFM258I.002	200	35/40	4	2

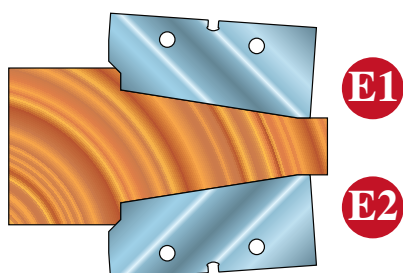
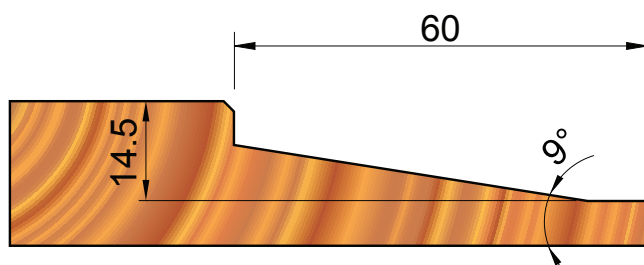
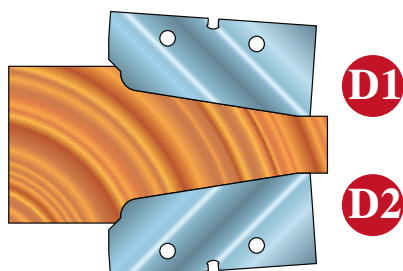
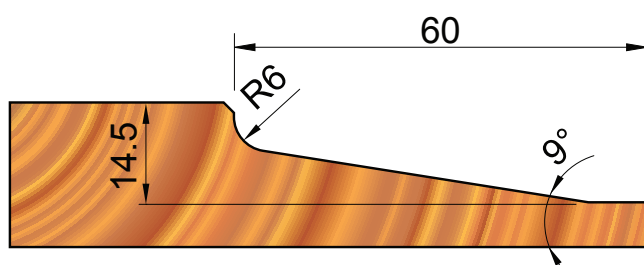
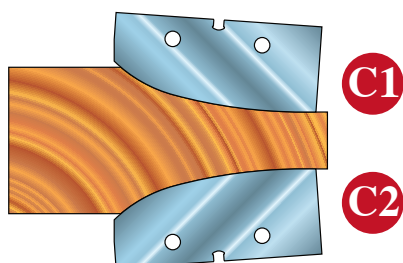
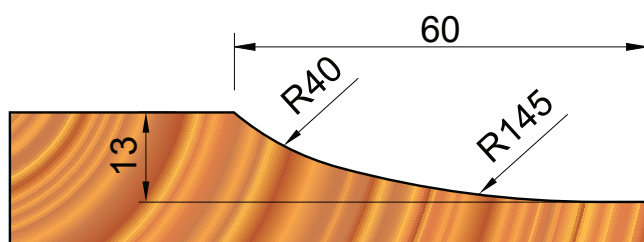
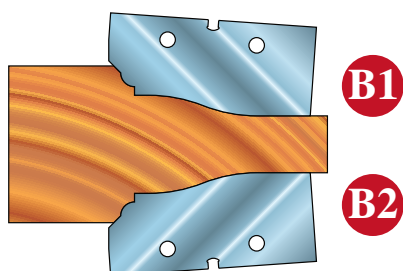
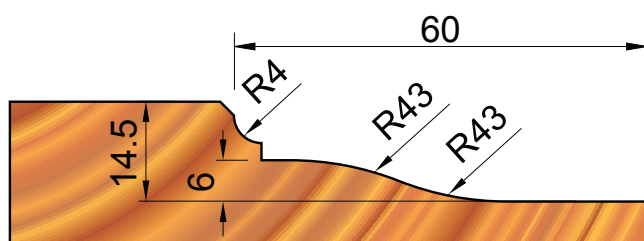
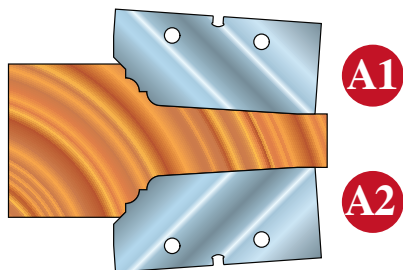
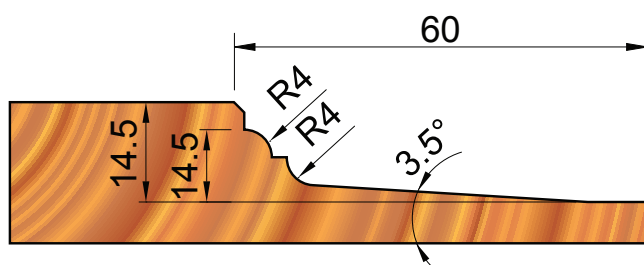
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T59SB	CUNEO / WEDGE	59mm	
CLT258I/A1	COLTELLO / KNIFE	60X20X2	
CLT258I/A2	COLTELLO / KNIFE	60X20X2	
CLT258I/B1	COLTELLO / KNIFE	60X20X2	
CLT258I/B2	COLTELLO / KNIFE	60X20X2	
CLT258I/C1	COLTELLO / KNIFE	60X20X2	
CLT258I/C2	COLTELLO / KNIFE	60X20X2	
CLT258I/D1	COLTELLO / KNIFE	60X20X2	
CLT258I/D2	COLTELLO / KNIFE	60X20X2	
CLT258I/E1	COLTELLO / KNIFE	60X20X2	
CLT258I/E2	COLTELLO / KNIFE	60X20X2	
Un profilo a scelta / A profile to choice			



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

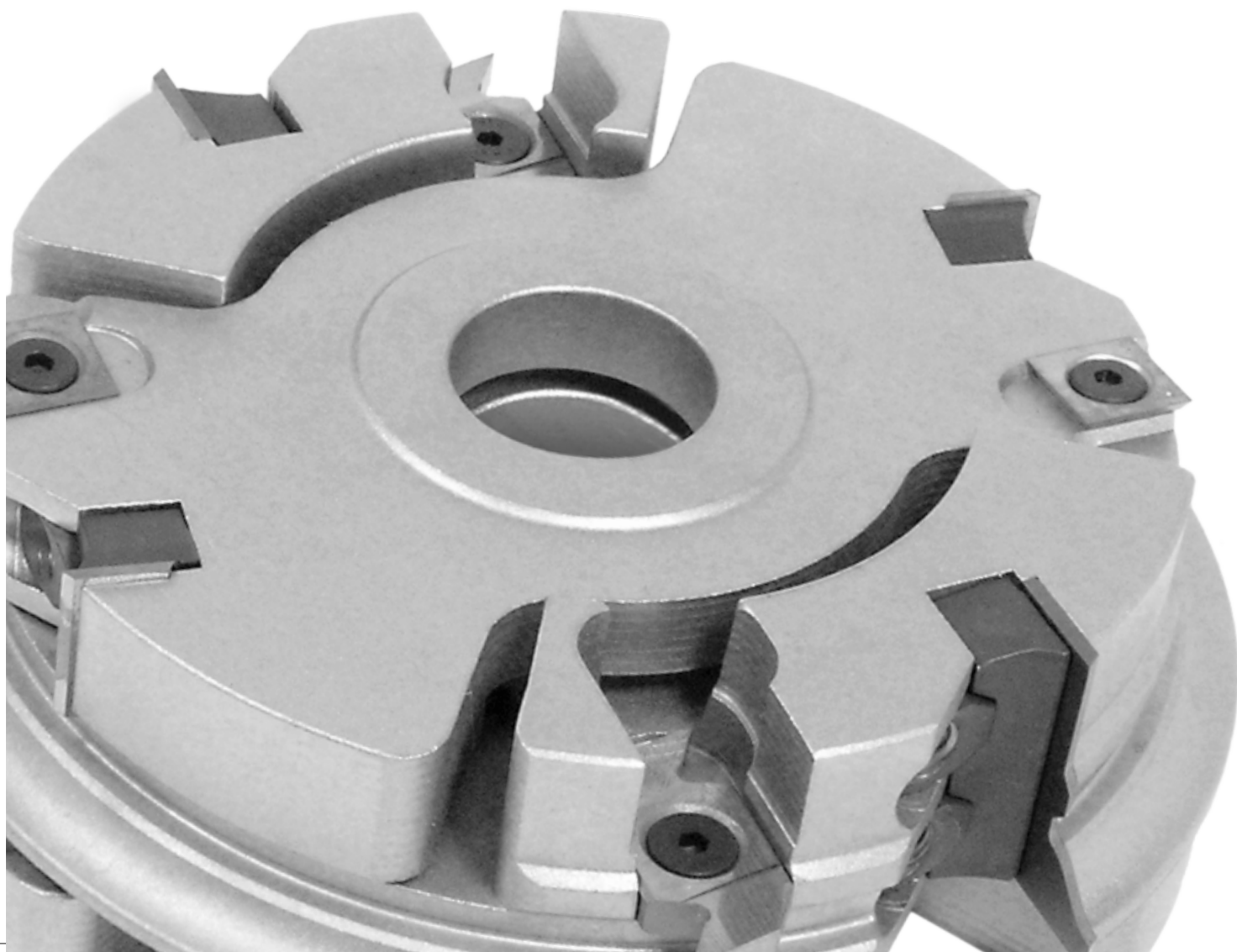
EN 847-1





TESTE A FISSAGGIO MECCANICO PER ANTINE
CUTTERHEADS FOR CABINET

SEZIONE J
SECTION J





Gruppo di teste combinate per antine
Set of combined cutterheads for cabinet

TFM278J
pag.148



Gruppo di teste combinate per antine
Set of combined cutterheads for cabinet

TFM279J
pag.150



Testa portacoltelli per antine e piattabanda
Cutterhead for cabinet and raised panel

TFM280J
pag.152



Set di teste combinate per antine e piattabanda
Set of cutterheads set for cabinet and raised panel

TFM281J
pag.154



Gruppo di teste per antine e porte
Set of cutterheads for cabinet and doors

TFM282J
pag.155



Gruppo di teste per antine e porte
Set of cutterheads for cabinet and doors

TFM283J
pag.158



Set di teste multiprofilo per antine
Set of multiprofile cutterheads for cabinet

TFM284J
pag.161

TFM278J

Gruppo di teste combinate per antine

Set of combined cutterheads for cabinet



CODICE CODE	D mm	B mm	d mm	Z
TFM278J.001	160	20÷37	35/40	2

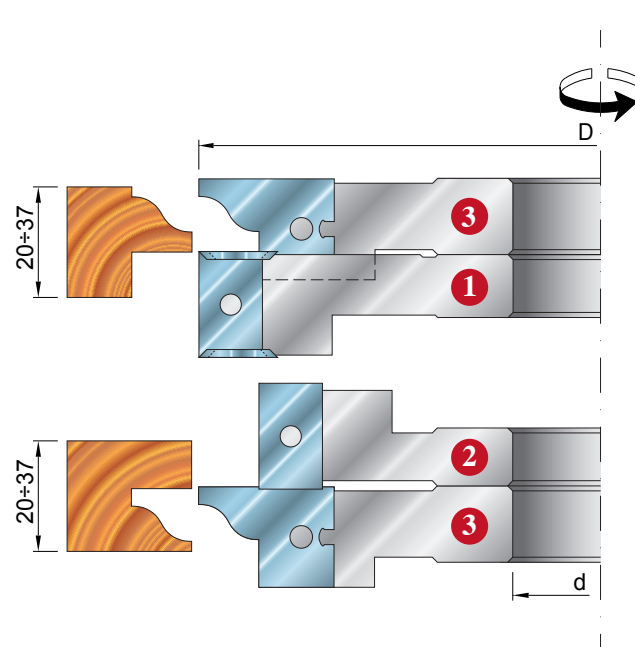
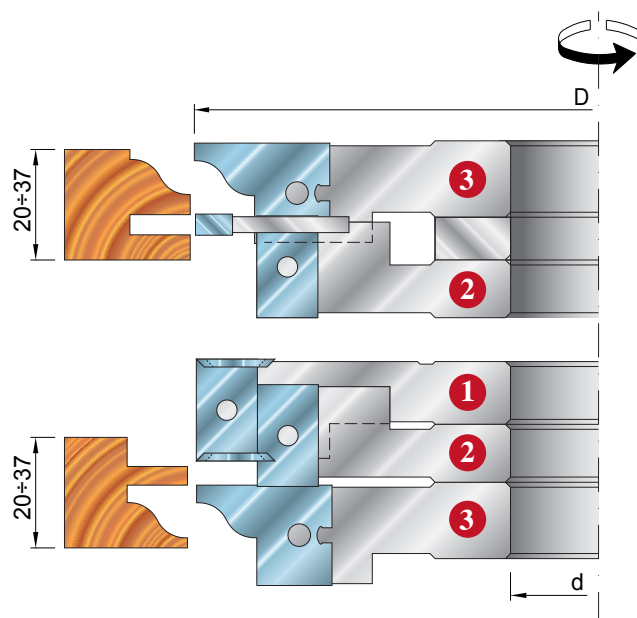
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			RIF.
VRS6	VITE / SCREW	M5X7		1-2
RSN2	RASANTE / SPUR	14X14X2		1-2
VINS4	VITE / SCREW	M5X12		2-3
INS9DX	INSERTO / INSERT	4mm		2
INS9SX	INSERTO / INSERT	4mm		3
GRN1DX-SX	VITE / SCREW	M8-M6		1-2-3
OGV1SB	OGIVA / NUT	M8		1-2-3
T19SB	CUNEO / WEDGE	19mm		1-2-3
012L12	COLTELLO / KNIFE	20X12X1.5		1-2
CLT278J/A	COLTELLO / KNIFE	20X30X2		3
CLT278J/B	COLTELLO / KNIFE	20X30X2		3
CLT278J/C	COLTELLO / KNIFE	20X30X2		3

Comprese tutte le sagome / All profiles included

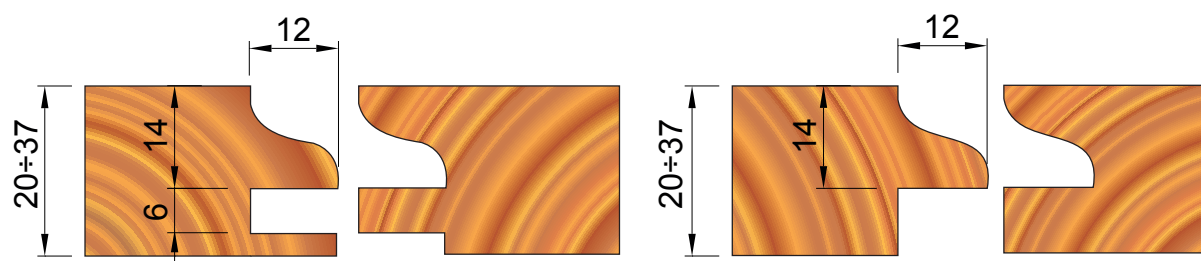


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

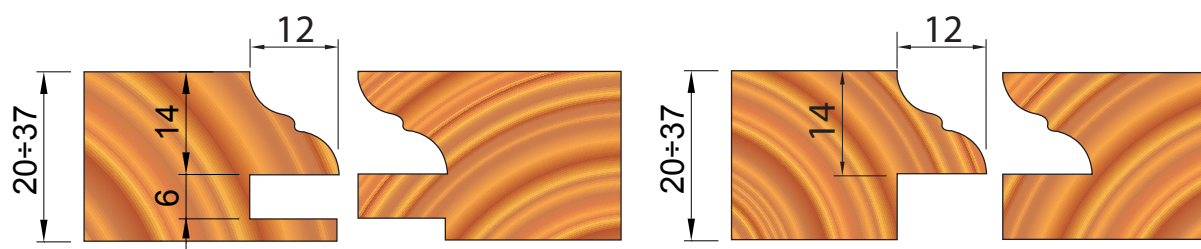
EN 847-1



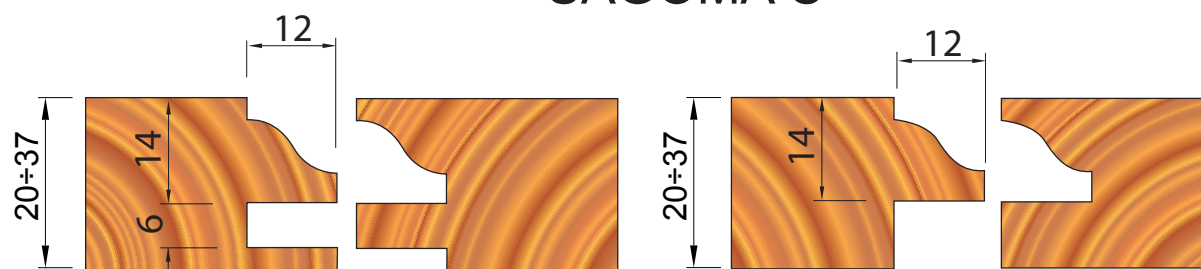
SAGOMA A



SAGOMA B



SAGOMA C



TFM279J

Gruppo di teste combinate per antine

Set for combined cutterheads for cabinet



CODICE CODE	D mm	B mm	d mm	Z
TFM279J.001	160	22÷31	35/40	2

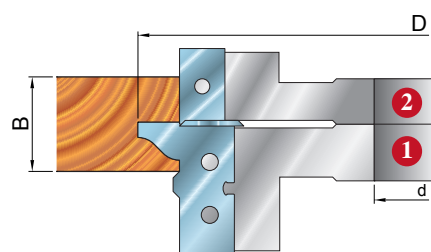
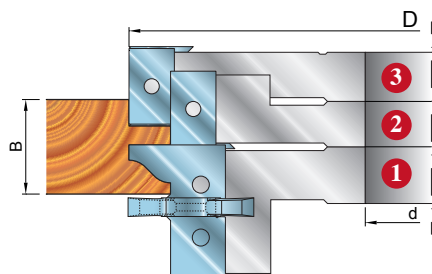
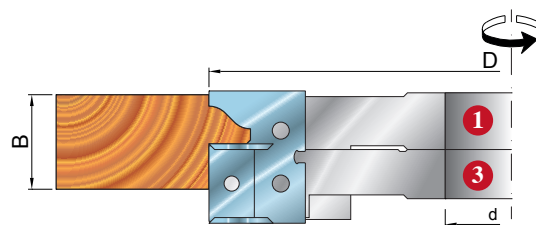
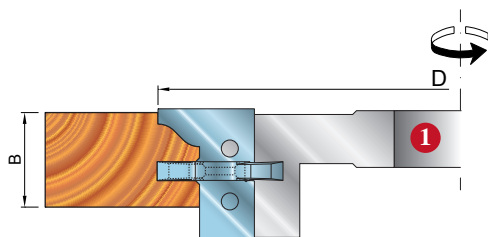
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			RIF.
VRS6	VITE / SCREW	M5X7		2-3
RSN2	RASANTE / SPUR	14X14X2		2-3
VINS4	VITE / SCREW	M5X12		1
INS5	INSERTO / INSERT	5mm		1
GRN1DX-SX	VITE / SCREW	M8-M6		1-2-3
OGV1SB	OGIVA / NUT	M8		1-2-3
T19SB	CUNEO / WEDGE	19mm		2-3
T34SB	CUNEO / WEDGE	34mm		1
012L12	COLTELLO / KNIFE	20X12X1.5		2-3
CLT279J/A	COLTELLO / KNIFE	35X30X2		1
CLT279J/B	COLTELLO / KNIFE	35X30X2		1
CLT279J/C	COLTELLO / KNIFE	35X30X2		1
CLT279J/D	COLTELLO / KNIFE	35X30X2		1
CLT279J/E	COLTELLO / KNIFE	35X30X2		1



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

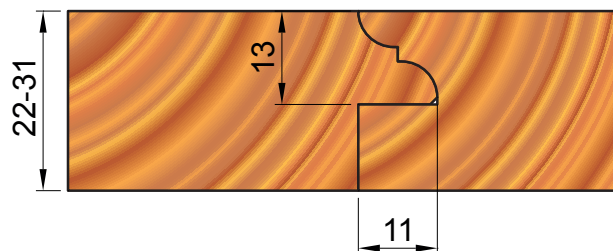
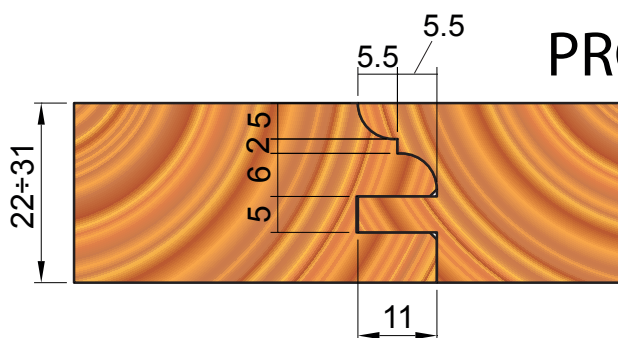
EN 847-1

Comprese tutte le sagome / All profiles included

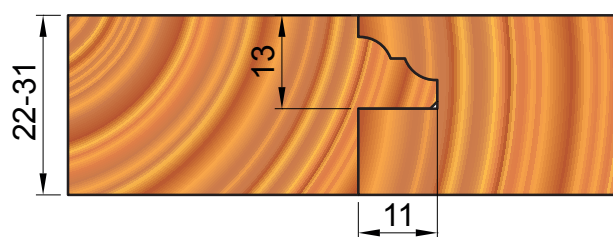
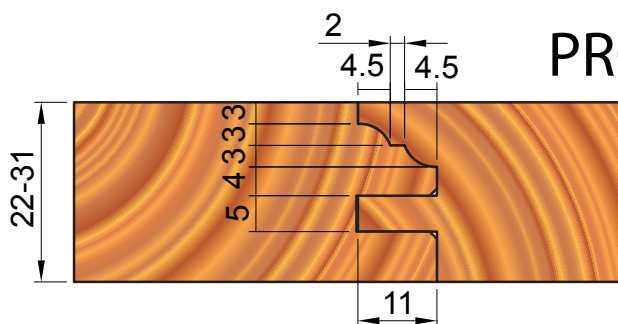




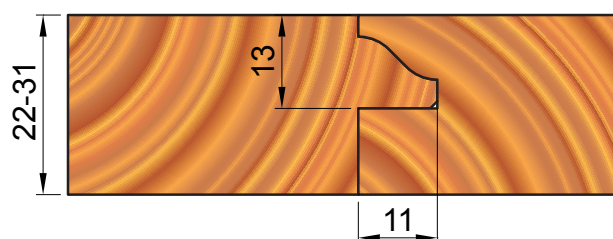
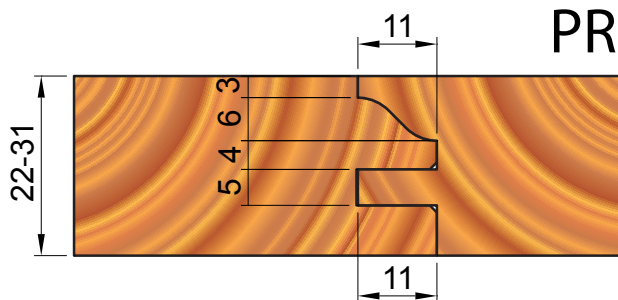
PROFILO "A"



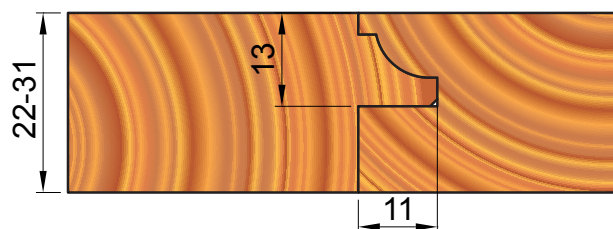
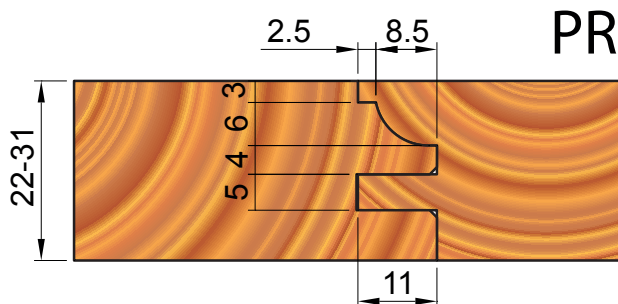
PROFILO "B"



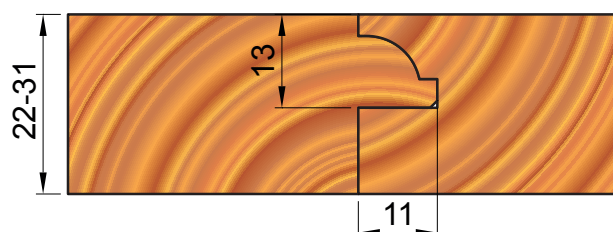
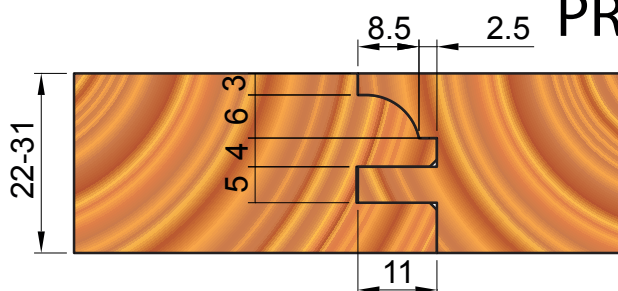
PROFILO "C"



PROFILO "D"



PROFILO "E"



TFM280J

Testa portacoltelli per antine e piattabanda

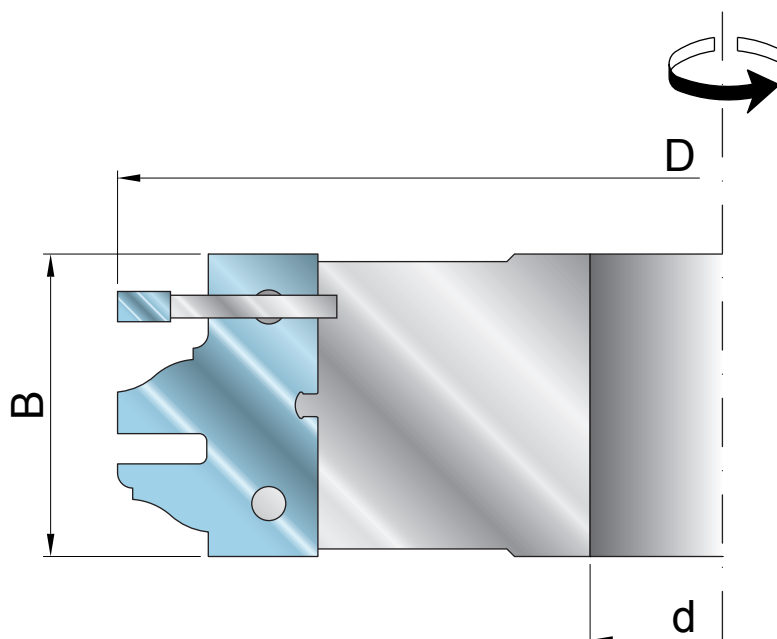
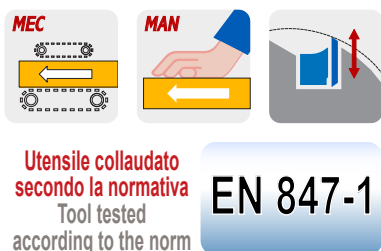
Cutterhead for cabinet and raised panel

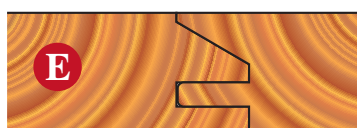
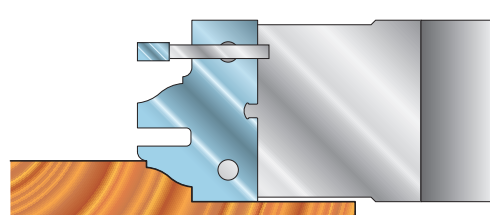
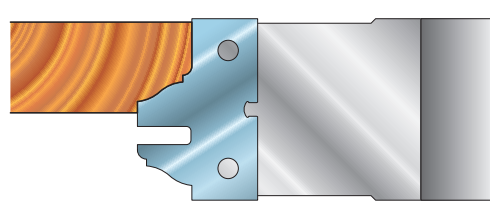
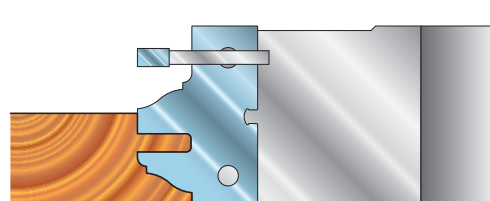
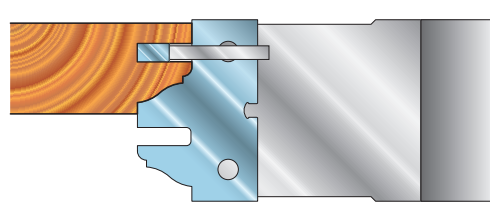
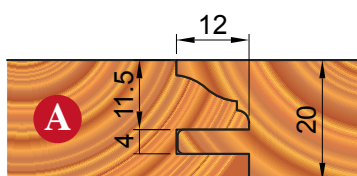


CODICE CODE	D mm	B mm	d mm	Z	I
TFM280J.001	160	40	35/40	2	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			
VINS4	VITE / SCREW	M5X12		
INS9DX	INSERTO / INSERT	4mm		
GRN1DX-SX	VITE / SCREW	M8-M6		
OGV1SB	OGIVA / NUT	M8		
T39SB	CUNEO / WEDGE	39mm		
CLT280J/A	COLTELLO / KNIFE	40X30X2		
CLT280J/B	COLTELLO / KNIFE	40X30X2		
CLT280J/C	COLTELLO / KNIFE	40X30X2		
CLT280J/D	COLTELLO / KNIFE	40X30X2		

Un profilo a scelta / A profile to choice





TFM281J

Set di teste combinate per antine e piattabanda

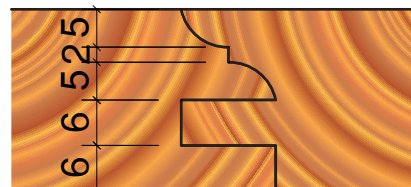
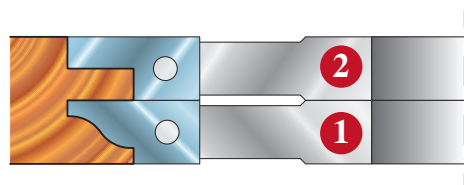
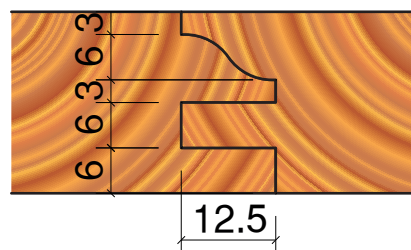
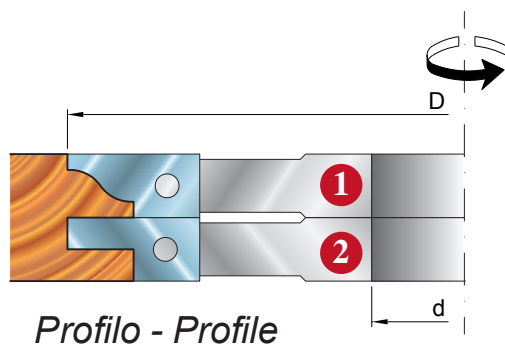
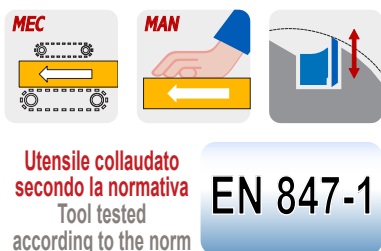
Set of cutterheads set for cabinet and raised panel



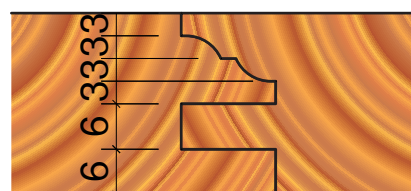
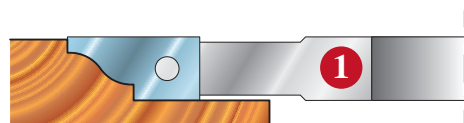
CODICE CODE	D mm	B mm	d mm	Z
TFM281J.001	160	40	30/35/40	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			RIF
GRN1DX-SX	VITE / SCREW	M8-M6		1-2
LR.2	CUNEO / WEDGE	10.8mm		1-2
CLT281J/A	COLTELLO / KNIFE	40X12X1.5		1
CLT281J/B	COLTELLO / KNIFE	40X12X1.5		1
CLT281J/C	COLTELLO / KNIFE	40X12X1.5		1
CLT281J/D	COLTELLO / KNIFE	40X12X1.5		2

Un profilo a scelta / A profile to choice



Controprofilo - Counterprofile



Piattabanda - Panel raising

TFM282J

Gruppo di teste per antine e porte

Set of cutterheads for cabinet and doors



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	d mm	Z
TFM282J.001	160	35/40	2

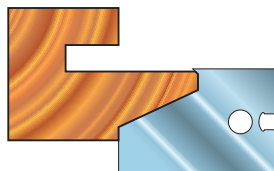
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			RIF.
VRS6	VITE / SCREW	M5X7		1A-2A
RSN2	RASANTE / SPUR	14X14X2		1A-2A
VINS4	VITE / SCREW	M5X12		1A
INS9DX	INSERTO / INSERT	4mm		1A
GRN1DX-SX	VITE / SCREW	M8-M6		1A-1B-2A-2B
OGV1SB	OGIVA / NUT	M8		1A-1B-2A-2B
T19SB	CUNEO / WEDGE	19mm		1B-2B
T29SB	CUNEO / WEDGE	29mm		1A-2A
012L30	COLTELLO / KNIFE	30X12X1.5		1A-2A
CLT282J/01A	COLTELLO / KNIFE	20X35X2		1B
CLT282J/01B	COLTELLO / KNIFE	20X35X2		1B
CLT282J/01C	COLTELLO / KNIFE	20X35X2		1B
CLT282J/02A	COLTELLO / KNIFE	20X35X2		2B
CLT282J/02B	COLTELLO / KNIFE	20X35X2		2B
CLT282J/02C	COLTELLO / KNIFE	20X35X2		2B

Comprese tutte le sagome / All profiles included

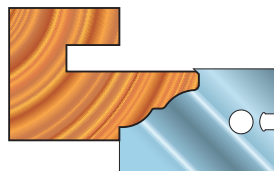
J

Profilo Antina Cabinet profile

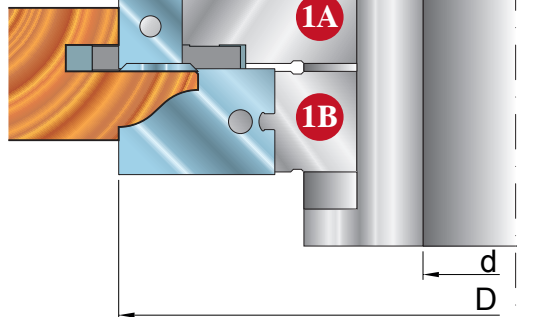
PROF.B



PROF.C

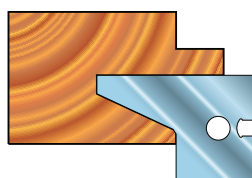


PROF.A

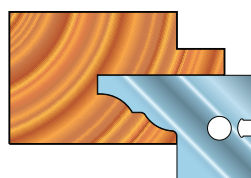


Controprofilo Antina Cabinet counterprofile

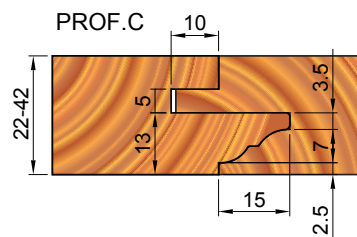
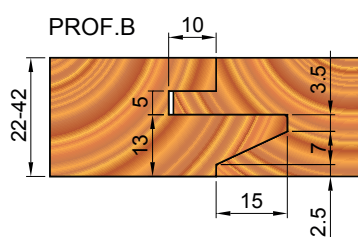
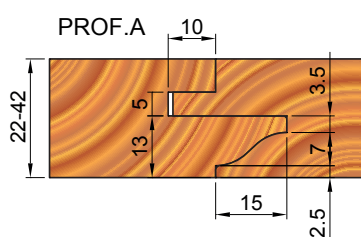
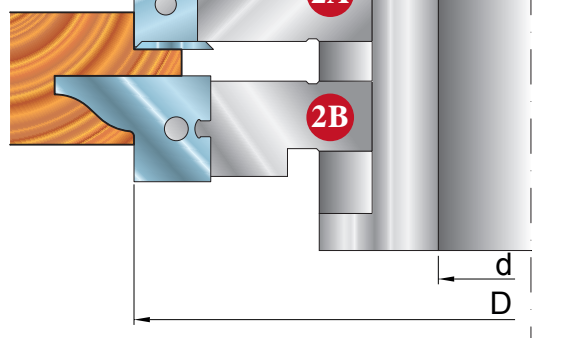
PROF.B



PROF.C

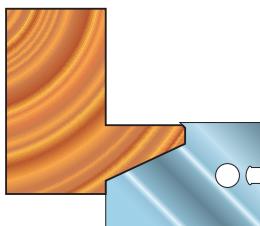


PROF.A

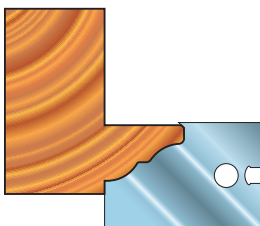


Profilo Porta Door profile

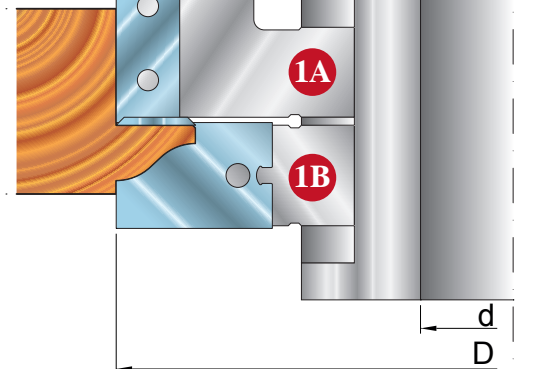
PROF.B



PROF.C

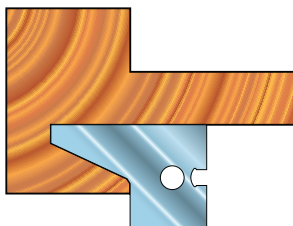


PROF.A

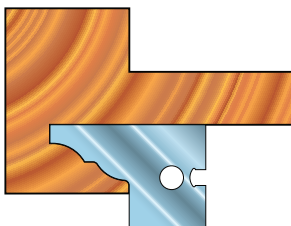


Controprofilo Porta Door counterprofile

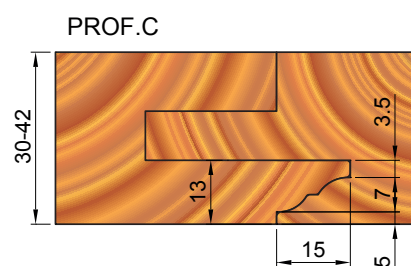
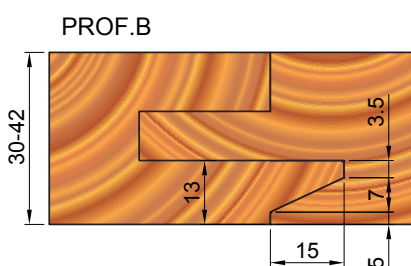
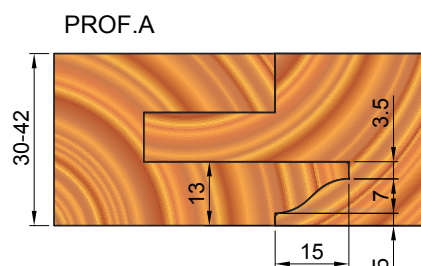
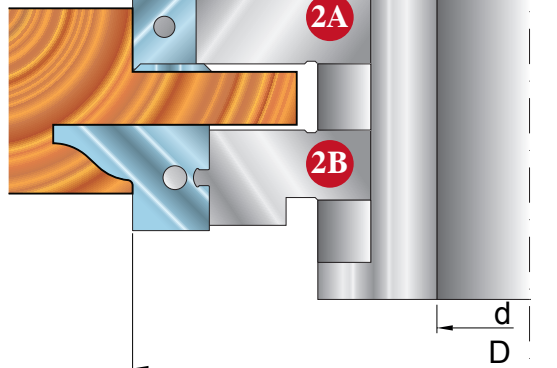
PROF.B



PROF.C



PROF.A



TFM283J

Gruppo di teste per antine e porte

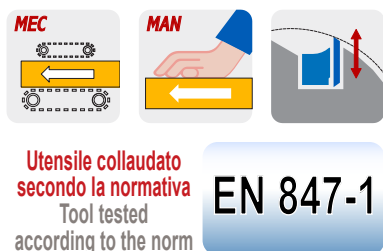
Set of cutterheads for cabinet and doors

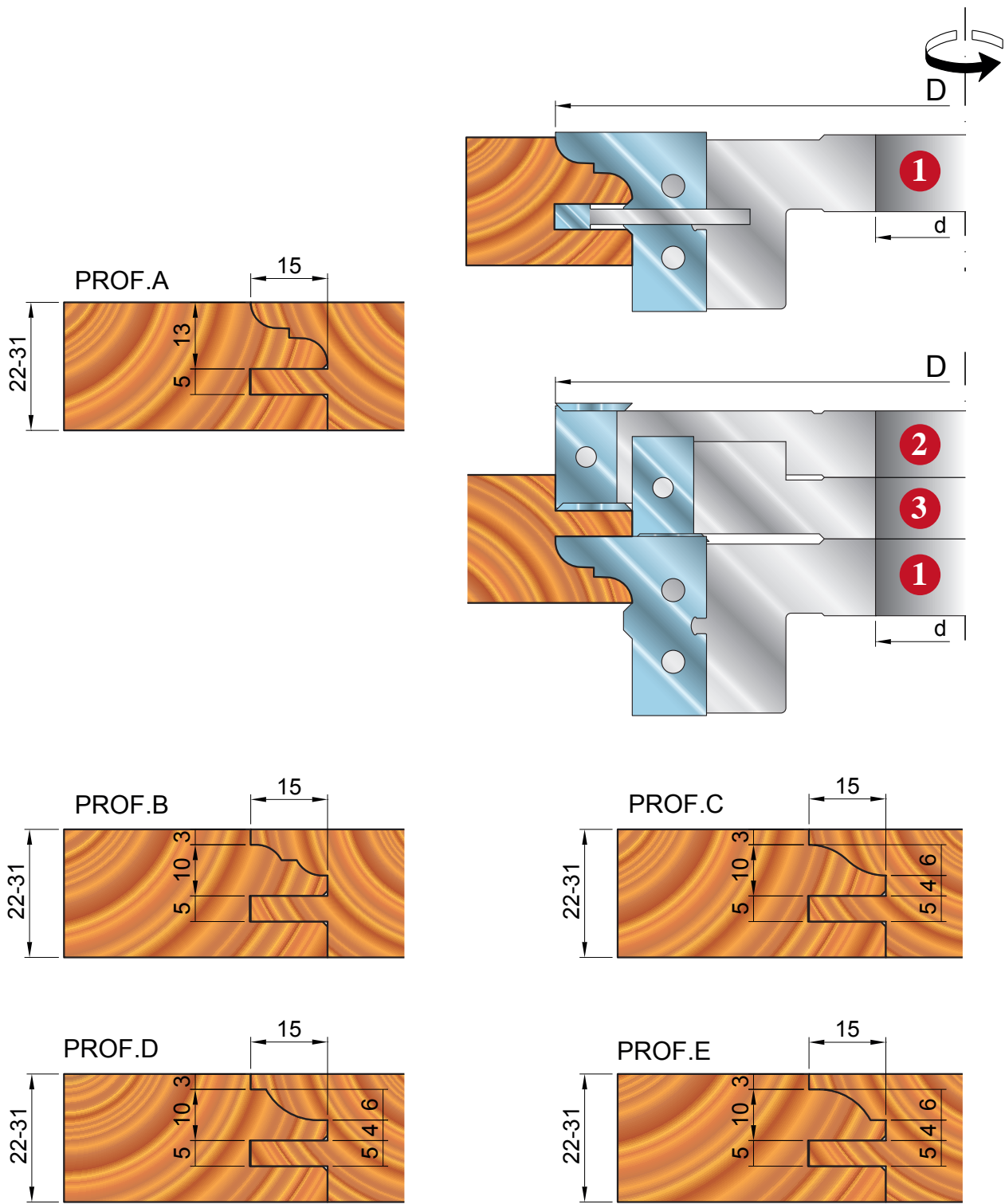


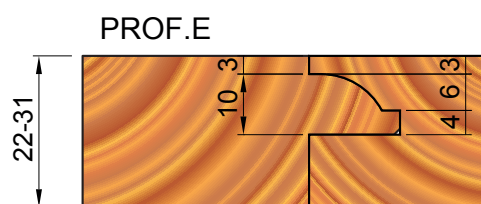
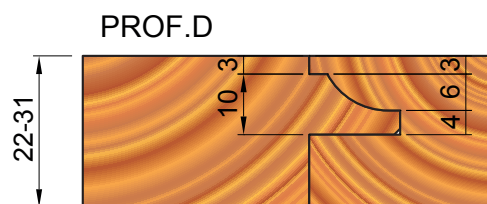
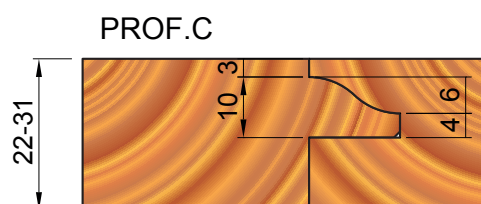
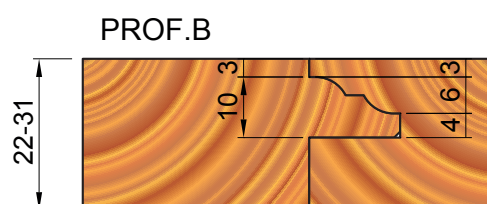
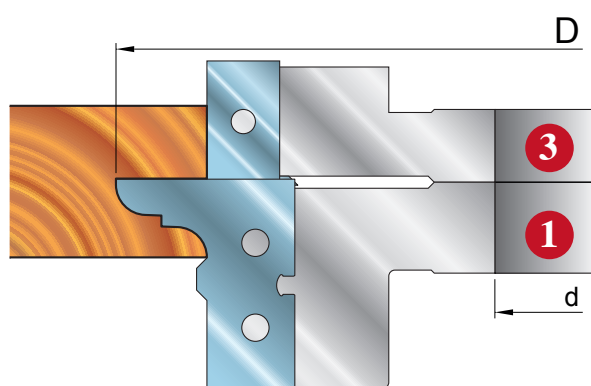
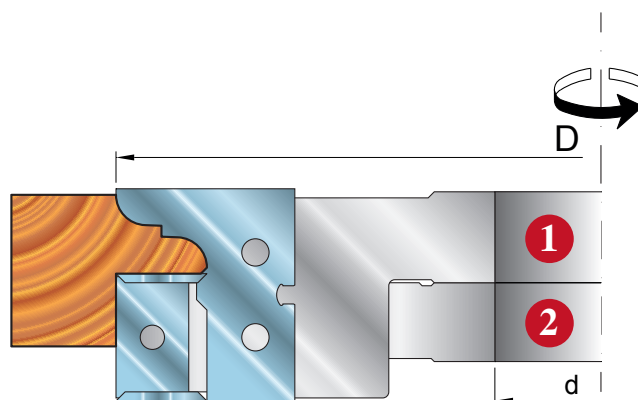
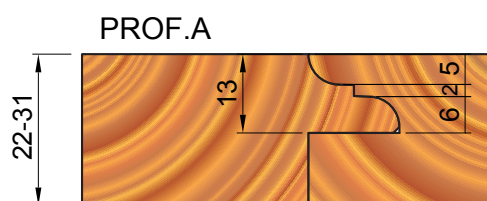
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TFM283J.001	160	35/40	2	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			RIF.
VRS6	VITE / SCREW	M5X7		2
RSN2	RASANTE / SPUR	14X14X2		2
VINS4	VITE / SCREW	M5X12		1
INS2F5SX	INSERTO / INSERT	5mm		1
GRN1DX-SX	VITE / SCREW	M8-M6		1-2-3
OGV1SB	OGIVA / NUT	M8		1-2-3
T19SB	CUNEO / WEDGE	19mm		2-3
T34SB	CUNEO / WEDGE	34mm		1
012L20	COLTELLO / KNIFE	20X12X1.5		2-3
CLT283J/A	COLTELLO / KNIFE	35X35X2		1
CLT283J/B	COLTELLO / KNIFE	35X35X2		1
CLT283J/C	COLTELLO / KNIFE	35X35X2		1
CLT280J/D	COLTELLO / KNIFE	35X35X2		1
CLT280J/E	COLTELLO / KNIFE	35X35X2		1

Un profilo a scelta / A profile to choice







TFM284J

Set di teste multiprofilo per antine

Set of multiprofile cutterheads for cabinet



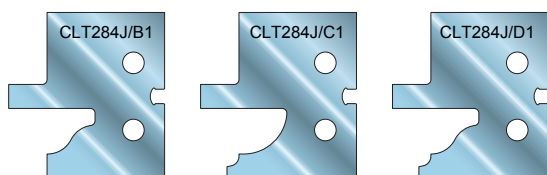
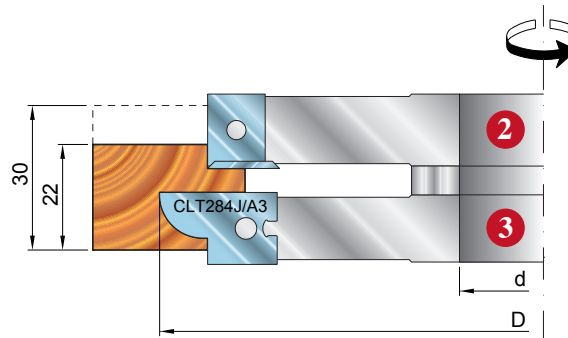
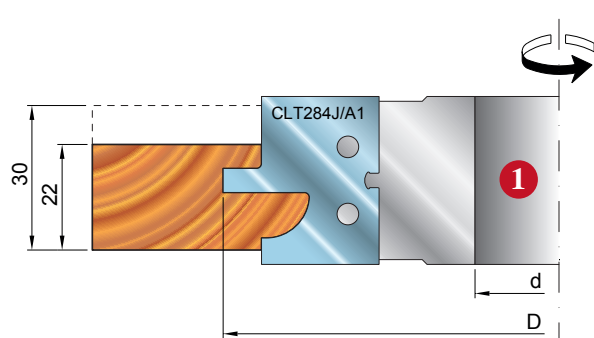
Utensile collaudato
secondo la normativa
Tool tested
according to the norm

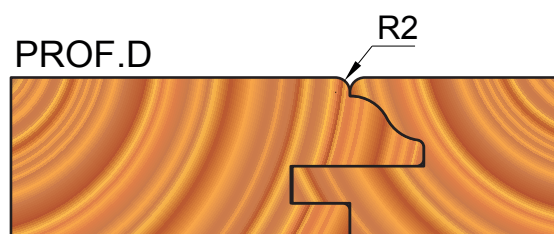
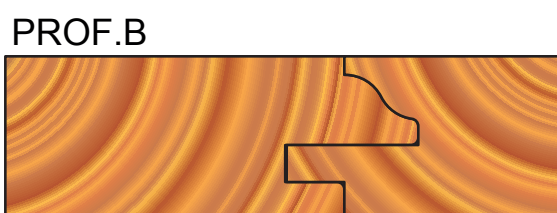
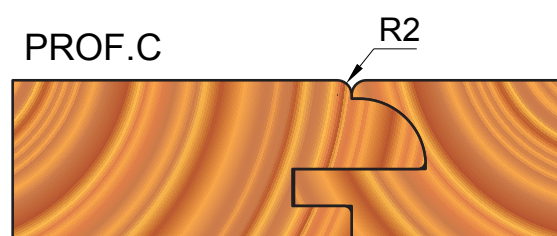
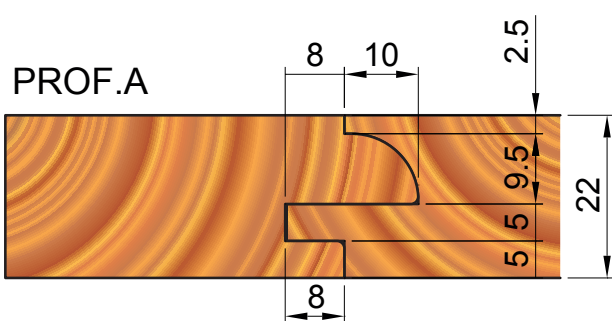
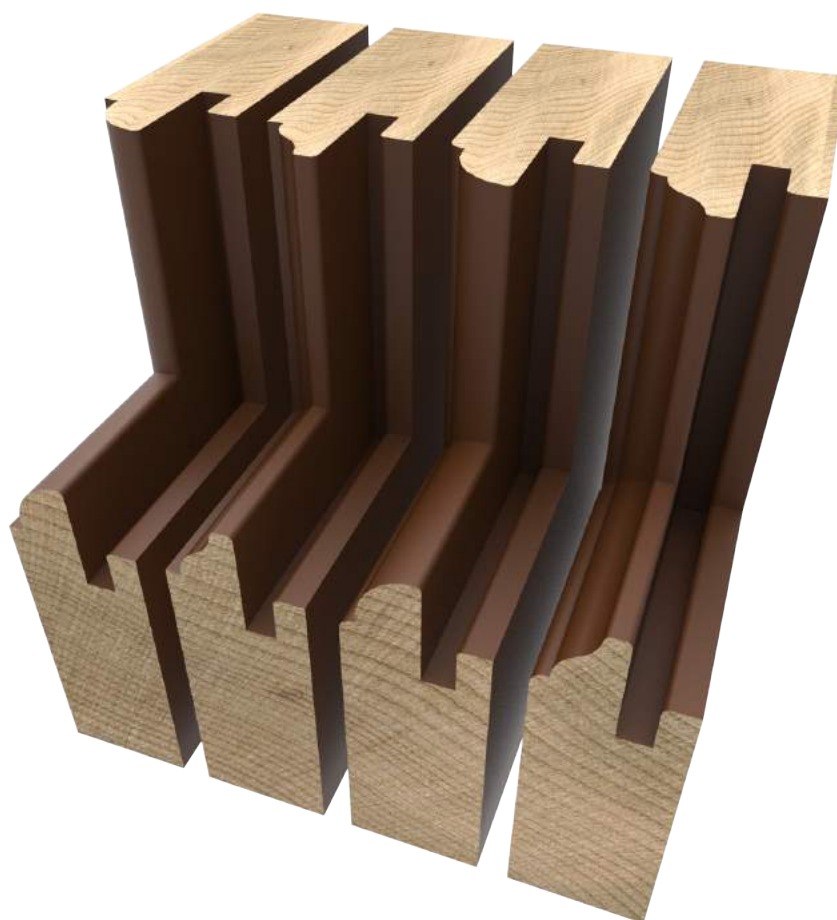
EN 847-1

CODICE CODE	D mm	d mm	Z	I
TFM284J.001	160	35/40	2	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			RIF.
RSN2	RASANTE / SPUR	14X14X2		2
VRS6	VITE / SCREW	M5X7		2
GRN1DX-SX	VITE / SCREW	M8-M6		1-2-3
OGV1SB	OGIVA / NUT	M8		1-2-3
T14SB	CUNEO / WEDGE	14mm		2-3
T34SB	CUNEO / WEDGE	34mm		1
CLT284J/A1	COLTELLO / KNIFE	35X35X2		1
CLT284J/B1	COLTELLO / KNIFE	35X35X2		1
CLT284J/C1	COLTELLO / KNIFE	35X35X2		1
CLT284J/D1	COLTELLO / KNIFE	35X35X2		1
CLT284J/A3	COLTELLO / KNIFE	15X30X2		3
CLT284J/B3	COLTELLO / KNIFE	15X30X2		3
CLT284J/C3	COLTELLO / KNIFE	15X30X2		3
CLT284J/D3	COLTELLO / KNIFE	15X30X2		3

Un profilo a scelta / A profile to choice







GRUPPI A FISSAGGIO MECCANICO PER PARCHETTI E PERLINE
SET OF CUTTERHEADS FOR PANELLING AND FLOORING

SEZIONE K
SECTION K





Gruppi per parchetti e perline per scorniciatrice **TFM302K**
Set of cutterheads for panelling and flooring
four side moulder machine pag.166



Gruppi per parchetti e perline **TFM303K**
Set of cutterheads for panelling and flooring pag.167

TFM302K

Gruppi per parchetti e perline per scorniciatrice

Set of cutterheads for panelling and flooring four side moulder machine



CODICE CODE	D mm	d mm	Z	Rif. Sag.
TFM302K.001	155	35/40	4	A
TFM302K.002	155	35/40	4	B
TFM302K.003	155	35/40	4	C
TFM302K.004	155	35/40	4	D
TFM302K.005	160	35/40	4	E
TFM302K.006	175.5	35/40	4	F </td
TFM302K.007	164	35/40	4	G
TFM302K.008	175.5	35/40	4	H

PARTI DI RICAMBIO SPARE PARTS

Per la ricambistica, fare riferimento all'articolo TFM303K

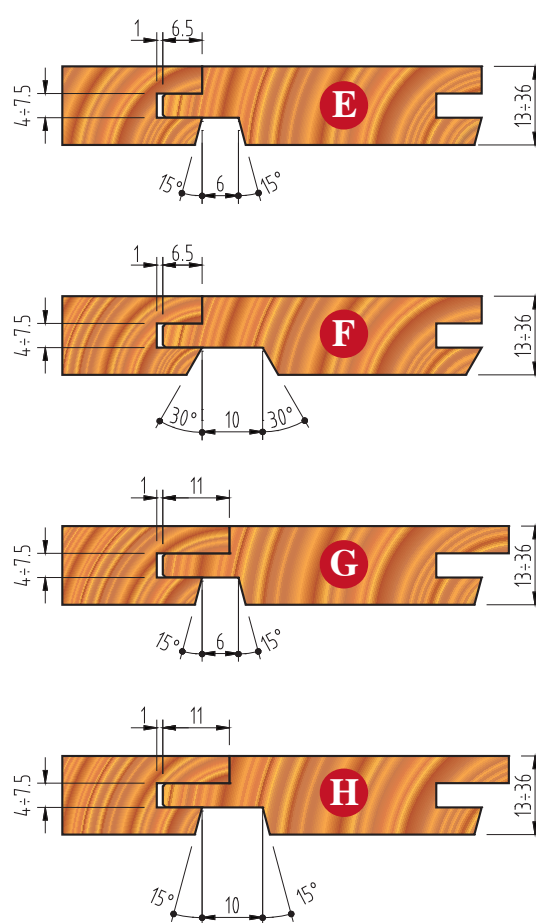
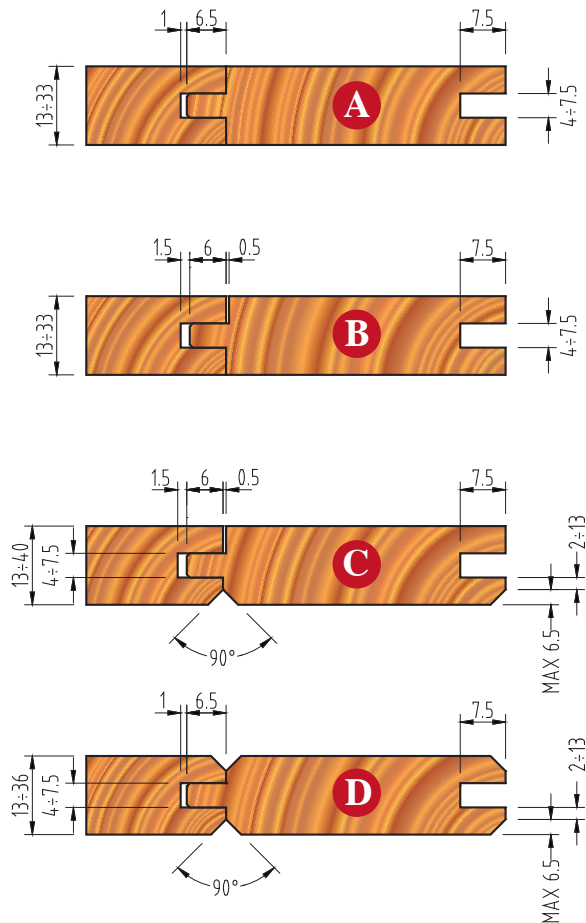
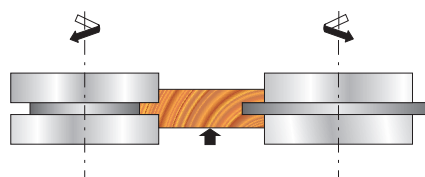
For spare parts, refer to the article TFM303K

K



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TFM303K

Gruppi per parchetti e perline

Set of cutterheads for panelling and flooring



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

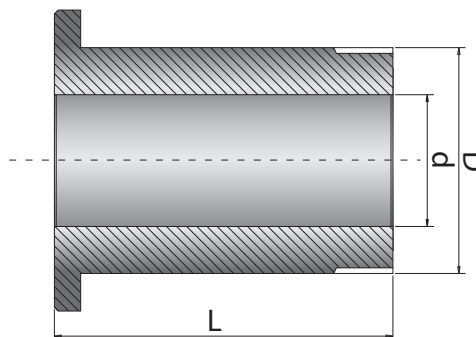
EN 847-1

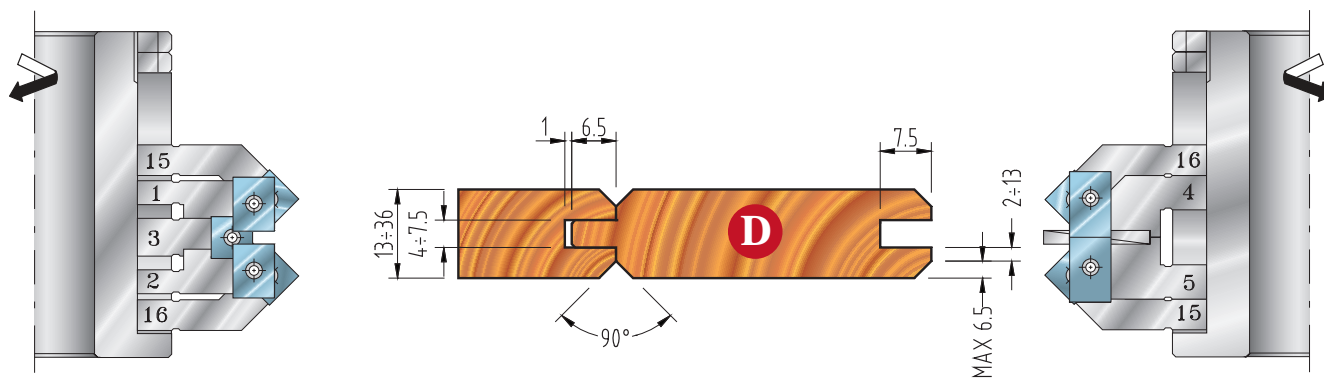
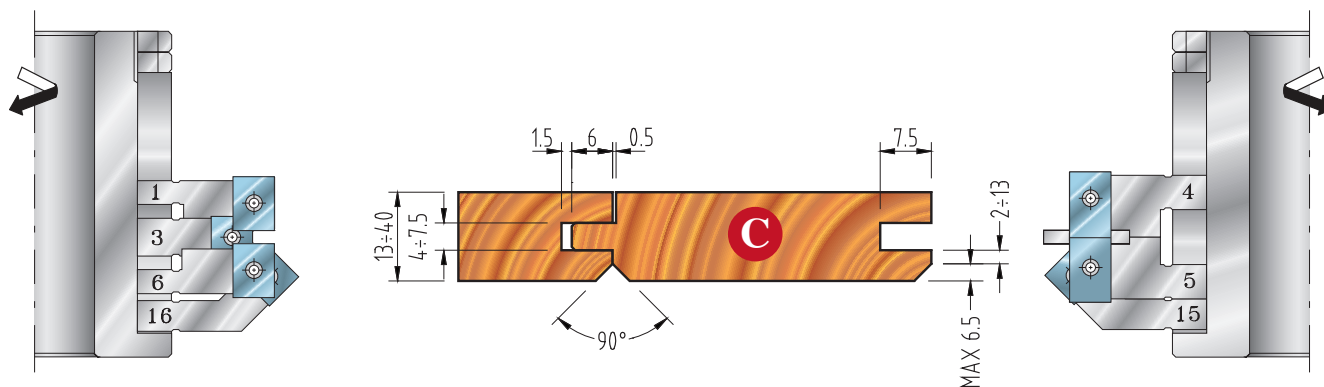
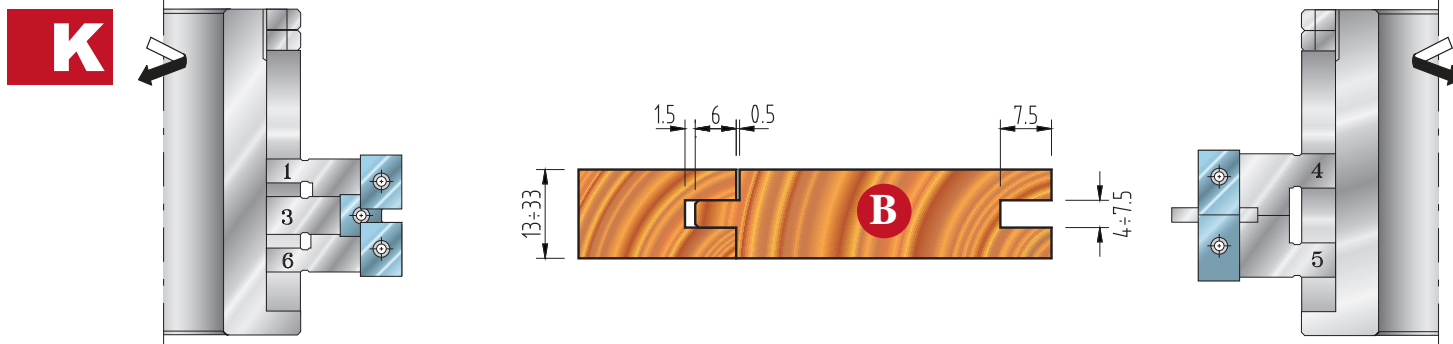
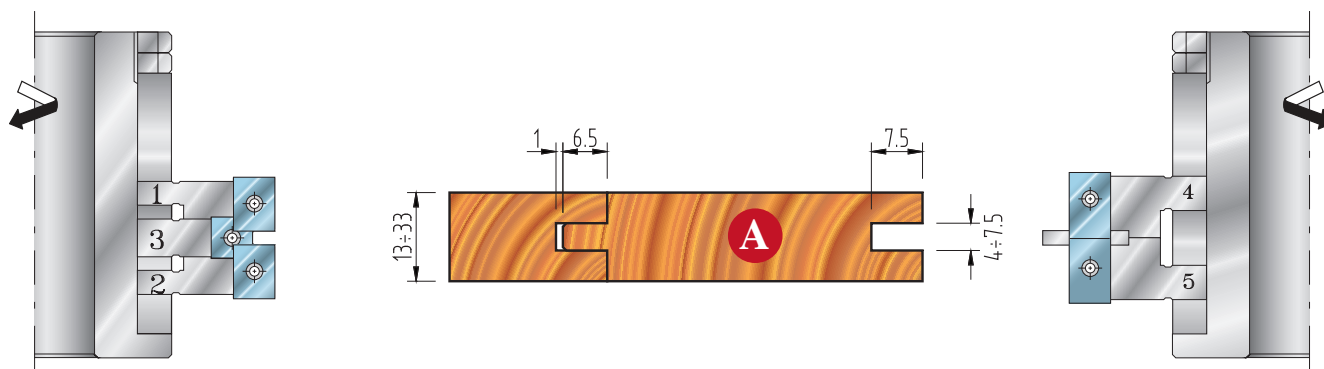
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TFM303K.002	140	15	35/40/50	2	2			2
TFM303K.003	127	12	35/40/50	2			2	3
TFM303K.004	155	20	35/40/50	2		2		4
TFM303K.005	155	20	35/40/50	2		2		5
TFM303K.006	139	15	35/40/50	2	2			6
TFM303K.007	175	15	35/40/50	2	2			7
TFM303K.008	155	20	35/40/50	2		2		8
TFM303K.009	160	15	35/40/50	2	2			9
TFM303K.010	155	20	35/40/50	2		2		10
TFM303K.011	164	20	35/40/50	2		2		11
TFM303K.012	149	15	35/40/50	2	2			12
TFM303K.013	165	20	35/40/50	2		2		13
TFM303K.014	164	20	35/40/50	2		2		14
TFM303K.015	154	12	35/40/50	2				15
TFM303K.016	154	12	35/40/50	2				16

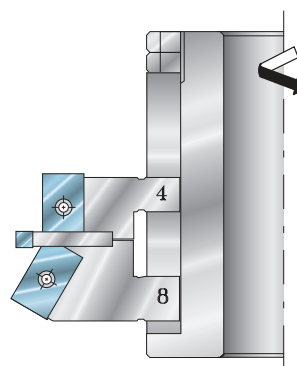
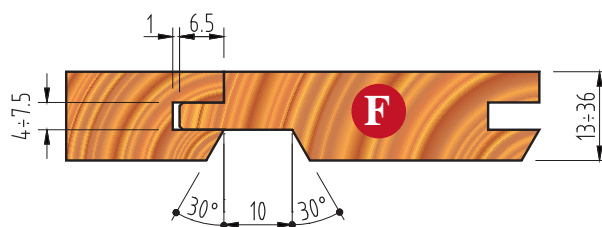
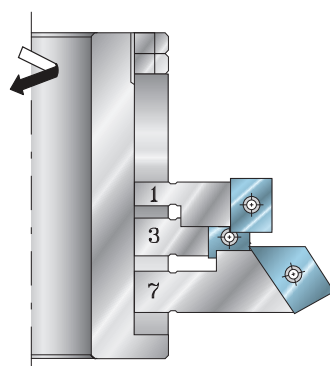
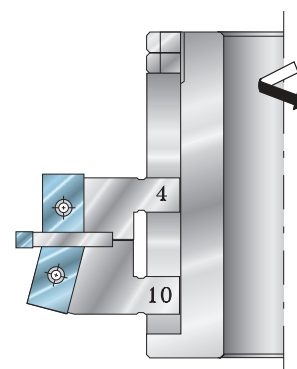
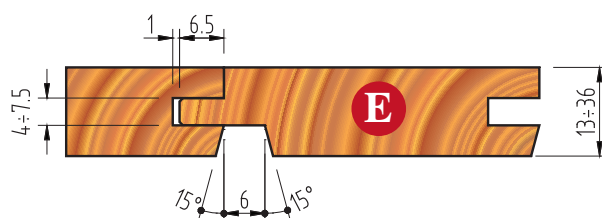
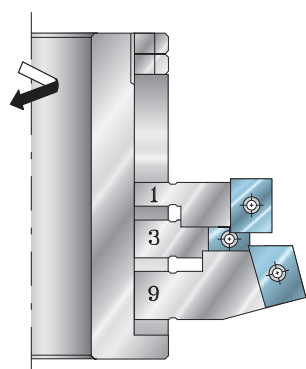


CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			RIF.
VRS6	VITE / SCREW	M5X7		1-2-6-7-9-12
RSN2	RASANTE / SPUR	14X14X2		1-2-6-7-9-12
VINS4	VITE / SCREW	M5X12		3-4-5-8-10-11-13-14
INS4	INSERTO / INSERT	4mm		4-5-8-10-11-13-14
SPG1	INSERTO / INSERT	45°		1-6
GRN1DX-SX	VITE / SCREW	M8-M6		TUTTE / ALL
OGV1SB	OGIVA / NUT	M8		1-2-4-5-6-7-8-9-10-11-12-13-14
LR.2	CUNEO / WEDGE	10.8mm		3-15-16
T14SB	CUNEO / WEDGE	14mm		1-2-6-7-9-12
T19SB	CUNEO / WEDGE	19mm		4-5-8-10-11-13-14
CLT10	COLTELLO / KNIFE	12X12X1.5		3-15-16
CLT11	COLTELLO / KNIFE	15X12X1.5		1-2-6-7-9-12
CLT12	COLTELLO / KNIFE	20X12X1.5		4-5-8-10-11-13-14

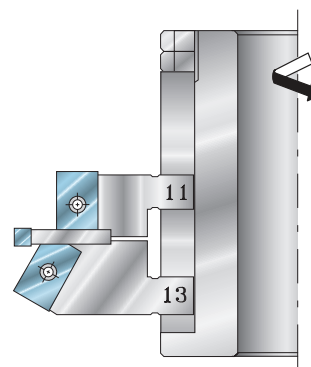
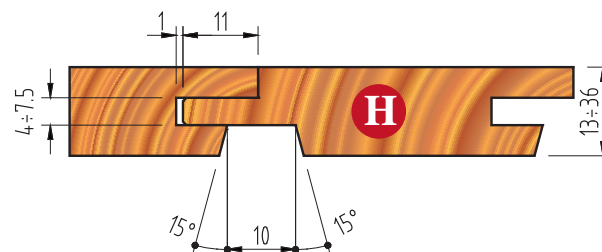
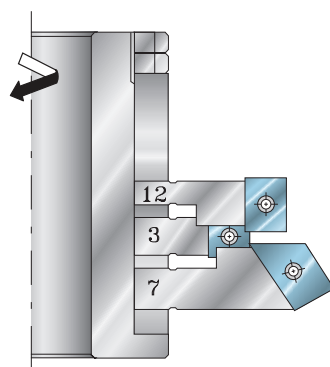
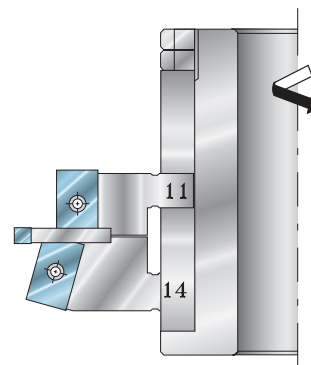
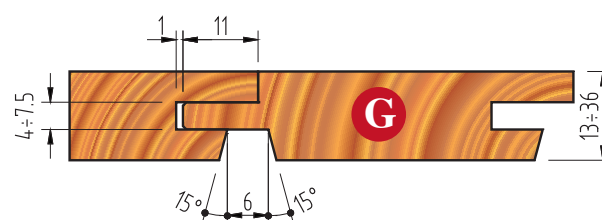
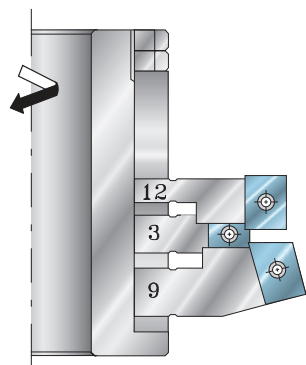
CODICE CODE	D mm	d mm	L
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MZ.60/35	60	35	95
MZ.50/40	50	45	95
MZ.60/40	60	45	95
MZ.60/50	60	50	95







K



TESTE A FISSAGGIO MECCANICO PER PORTE E PORTONI
SET OF TOOLS FOR DOORS AND MAIN DOORS

SEZIONE L

SECTION L





Testa portacoltelli multiprofilo per realizzare sagoma e controsagoma di porte e portoni
Multi-profile cutter head to realize profile and counter profile of doors and main doors

TFM324L
pag.172



Testa portacoltelli multiprofilo per sagoma di porte e portoni
Multi-profile cutter head to realize profile of doors and main doors

TFM325L
pag.174



Testa portacoltelli multiprofilo per realizzare controsagoma di porte e portoni
Multi-profile cutter head to realize counter profile of doors and main doors

TFM326L
pag.176



Testa portacoltelli per telai di porte
Cutter head for doors frames

TFM328L
pag.178



Set di teste portacoltelli per alzante scorrevole
Set of cutterheads for sliding doors and windows

TFM329L
pag.179



Gruppi sagomati per porte e portoni
Set of tools for doors and main doors

TFM330L
pag.180



Gruppo regolabile squadratura esterno porte
Adjustable group for outside doors part

TFM331L
pag.185



Teste portacoltelli per profili di telai e mostrine di porte
Cutterheads for frame profiles and doors facings

TFM333L
pag.186



Teste portacoltelli per profili di telai e mostrine di porte
Cutterheads for frame profiles and doors facings

TFM334L
pag.188

TFM324L

Testa portacoltelli multiprofilo per realizzare sagoma e controsagoma di porte e portoni

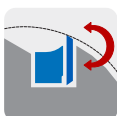
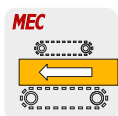
Multi-profile cutter head to realize profile and counter profile of doors and main doors



CODICE CODE	D mm	B mm	d mm	Z
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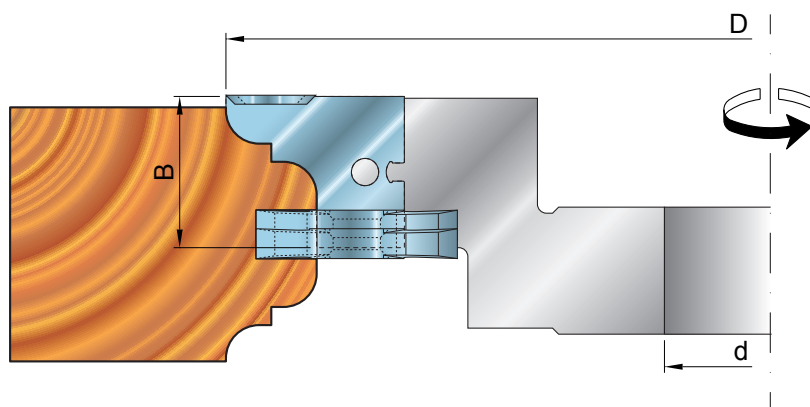
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRS6	VITE / SCREW	M5X7	
RSN2	RASANTE / SPUR	14X14X2	
VINS4	VITE / SCREW	M5X12	
INS4	INSERTO / INSERT	4mm	
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T24SB	CUNEO / WEDGE	24mm	
CLT324L/A	COLTELLO / KNIFE	25X30X2	
CLT324L/B	COLTELLO / KNIFE	25X30X2	
CLT324L/C	COLTELLO / KNIFE	25X30X2	
CLT324L/D	COLTELLO / KNIFE	25X30X2	

Comprese tutte le sagome / All profiles included



Utensile collaudato
secondo la normativa
Tool tested

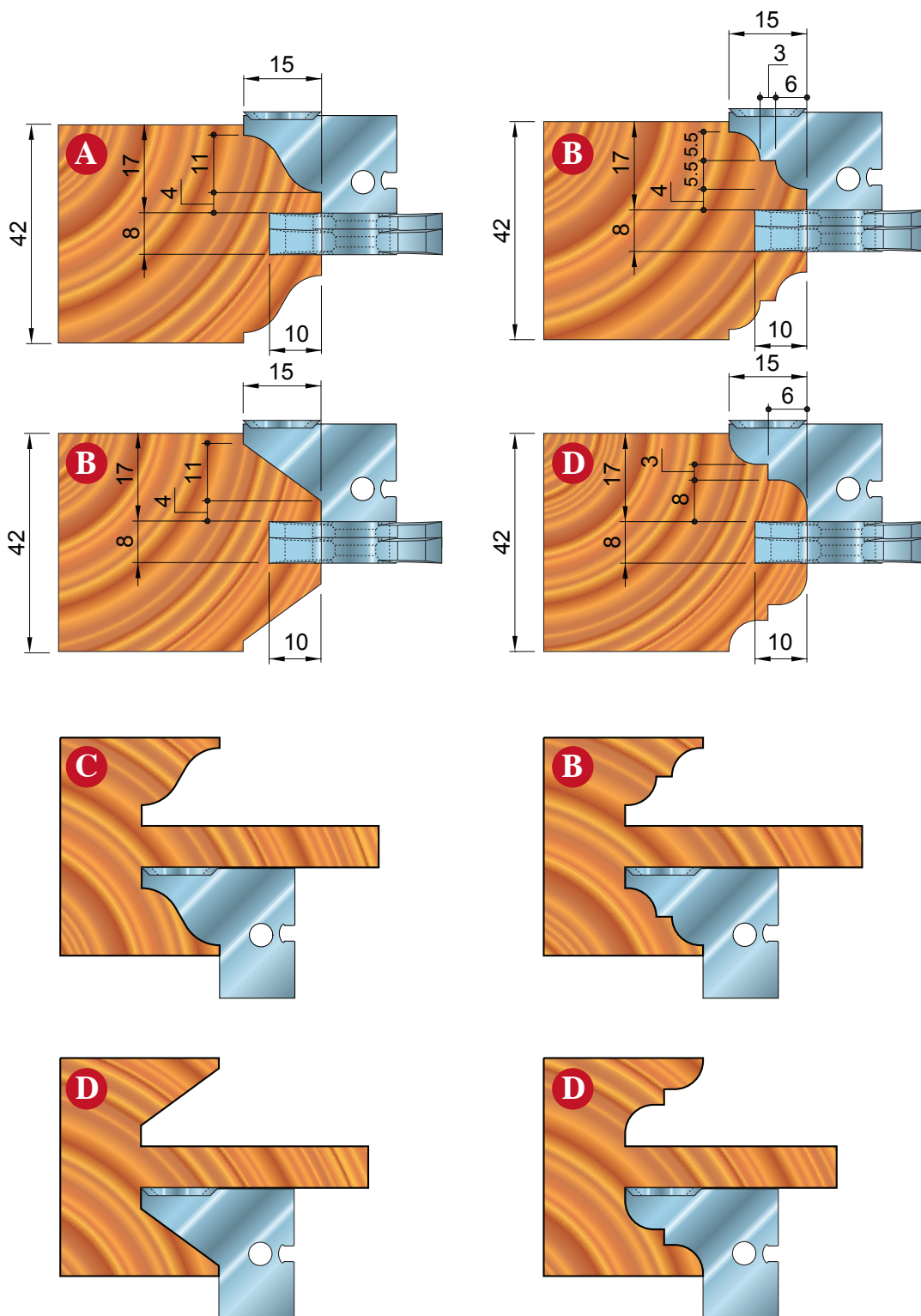
EN 847-1



TFM324L

Testa portacoltelli multiprofilo per realizzare sagoma e controsagoma di porte e portoni

Multi-profile cutter head to realize profile and counter profile of doors and main doors



TFM325L

Testa portacoltelli multiprofilo per sagoma di porte e portoni

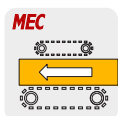
Multi-profile cutter head to realize profile of doors and main doors



CODICE CODE	D mm	B mm	d mm	Z
TFM325L.001	140	25	35/40	2

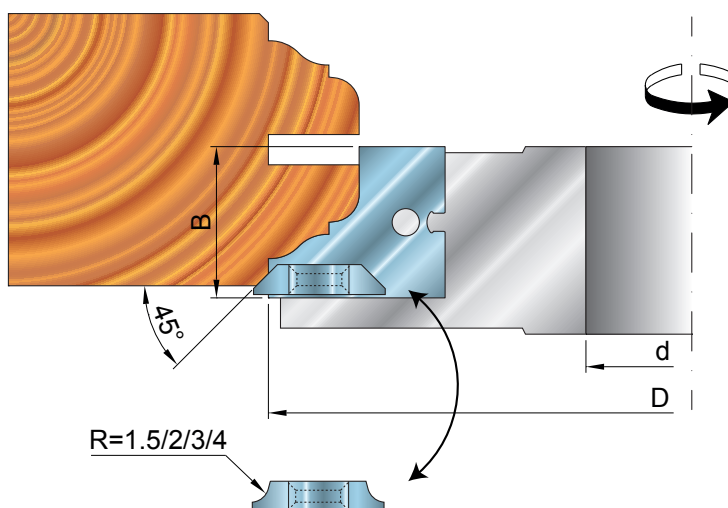
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VINS4	VITE / SCREW	M5X12	
SPG1	INSERTO / INSERT	45°	
RGT1/2/3	INSERTO / INSERT	R1.5/2/3	
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T24SB	CUNEO / WEDGE	24mm	
CLT325L/A	COLTELLO / KNIFE	25X30X2	
CLT325L/B	COLTELLO / KNIFE	25X30X2	
CLT325L/C	COLTELLO / KNIFE	25X30X2	

Comprese tutte le sagome / All profiles included



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

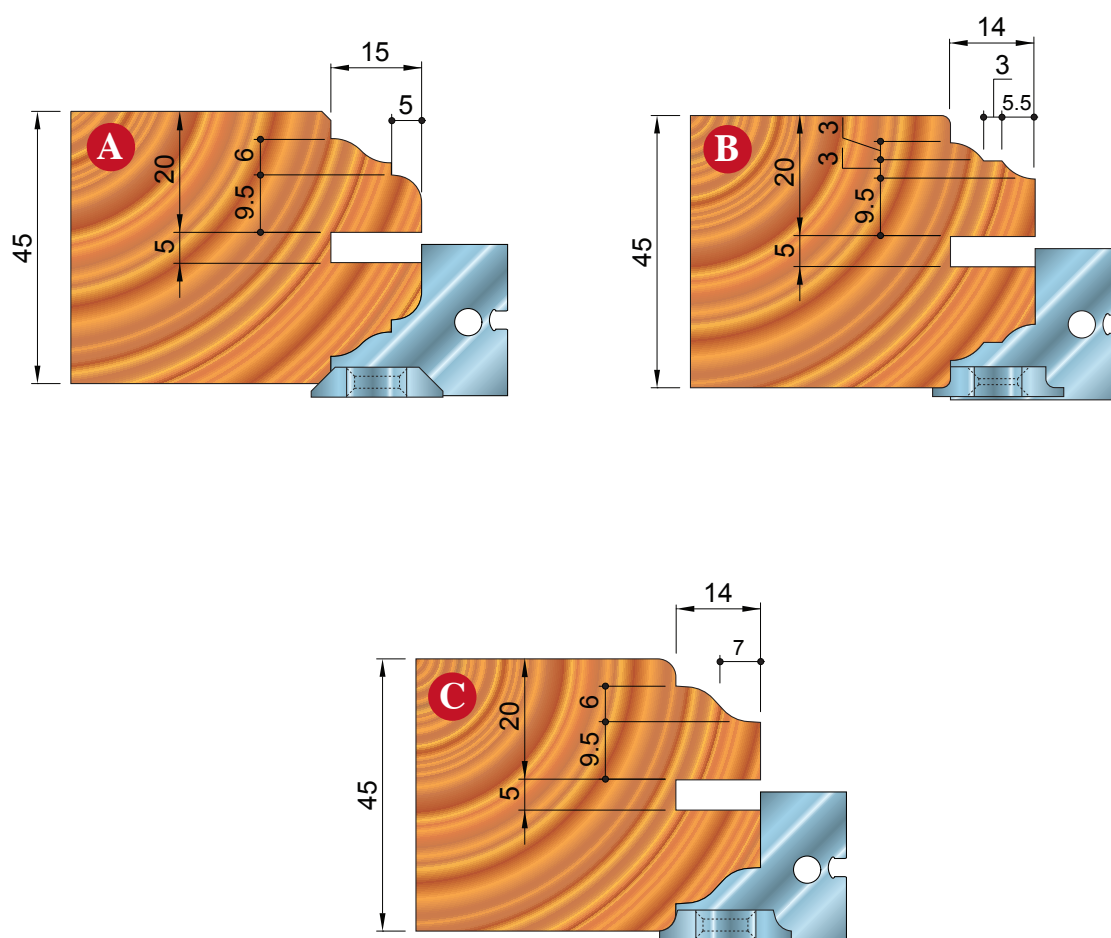
EN 847-1



TFM325L

Testa portacoltelli multiprofilo per realizzare sagoma e controsagoma di porte e portoni

Multi-profile cutter head to realize profile and counter profile of doors and main doors



TFM326L

Testa portacoltelli multiprofilo per realizzare controsagoma di porte e portoni

Multi-profile cutter head to realize counter profile of doors and main doors



CODICE CODE	D mm	B mm	d mm	Z
TFM326L.001	140	20	35/40	2

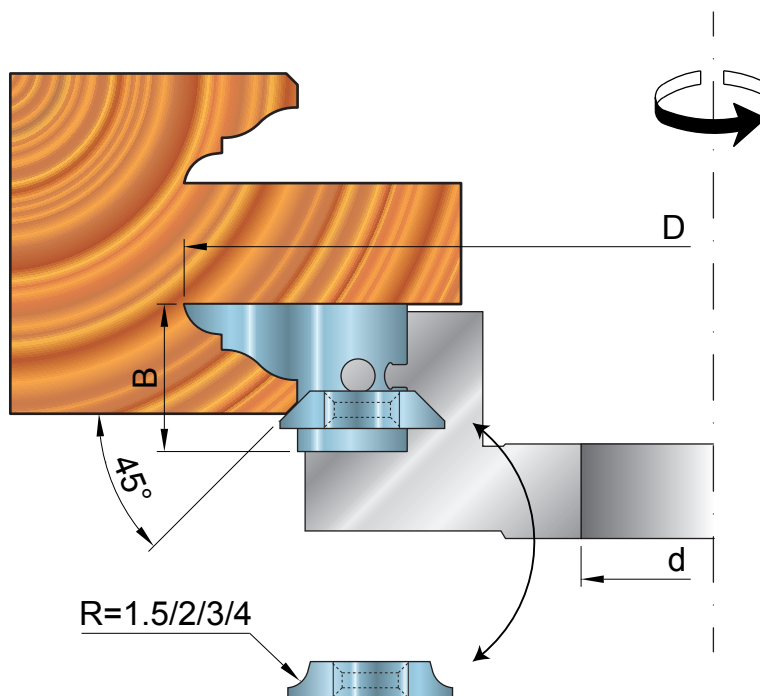
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
TOR1346	VITE / SCREW	M6X14	
SPG1	INSERTO / INSERT	45°	
RGT1/2/3	INSERTO / INSERT	R1.5/2/3	
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T19SB	CUNEO / WEDGE	19mm	
CLT326L/A	COLTELLO / KNIFE	20X30X2	
CLT326L/B	COLTELLO / KNIFE	20X30X2	
CLT326L/C	COLTELLO / KNIFE	20X30X2	

Comprese tutte le sagome / All profiles included



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

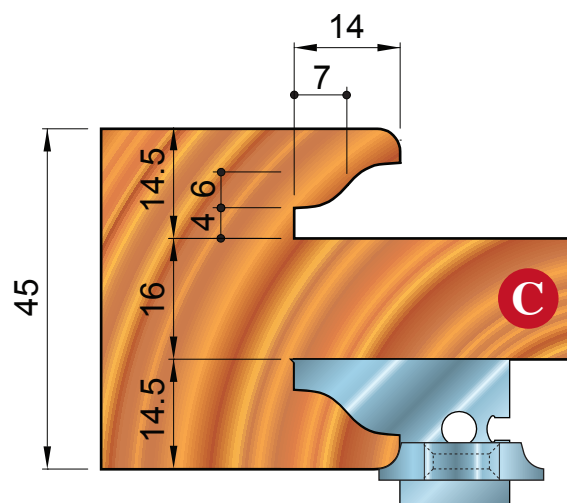
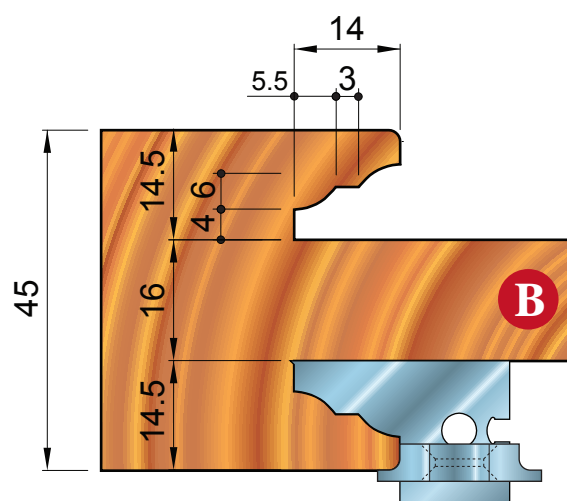
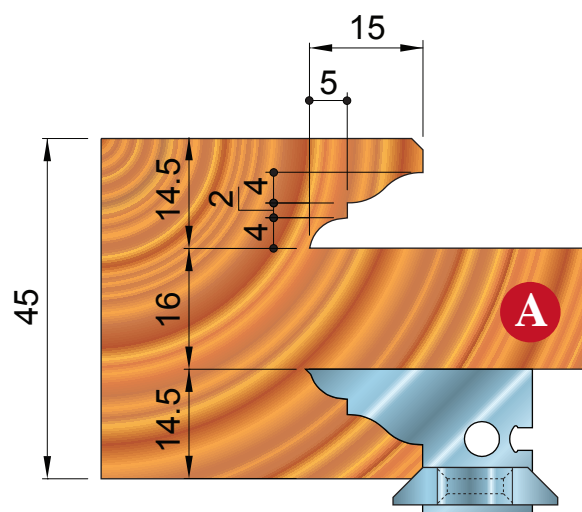
EN 847-1



TFM326L

Testa portacoltelli multiprofilo per realizzare sagoma e controsagoma di porte e portoni

Multi-profile cutter head to realize profile and counter profile of doors and main doors



TFM328L

Testa portacoltelli per telai di porte

Cutter head for doors frames



CODICE CODE	D mm	B mm	d mm	Z
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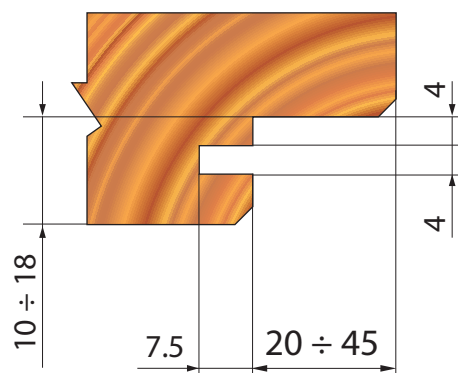
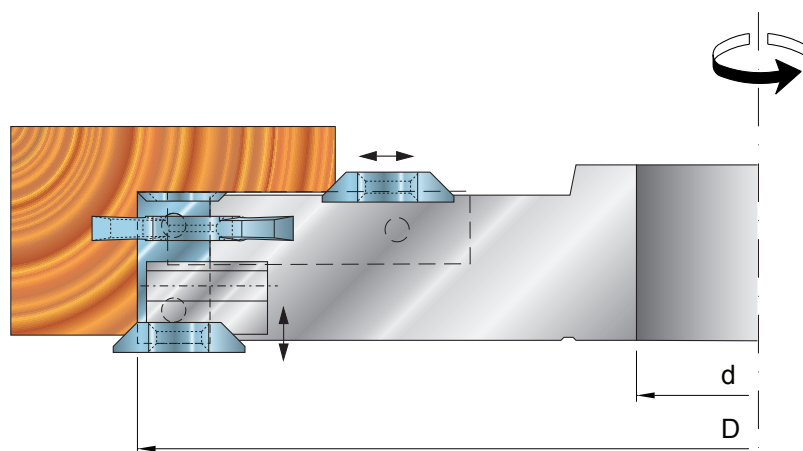
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRS6	VITE / SCREW	M5X7	
RSN2	RASANTE / SPUR	14X14X2	
VINS4	VITE / SCREW	M5X12	
RGT1/2/3	INSERTO / INSERT	RGT1.5/2/3	
INS4	INSERTO / INSERT	4mm	
GRN1	VITE / SCREW	M5X10	
CARRDX/SX	SUPPORTO MOBILE	MOBILE SUPPORT	
TOR1346	VITE / SCREW	M6X14	
SPG1	INSERTO / INSERT	45°	
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T24SB	CUNEO / WEDGE	24mm	
T49SB	CUNEO / WEDGE	49mm	
012L251F	COLTELLO / KNIFE	25X12X1.5	
012L50	COLTELLO / KNIFE	50X12X1.5	

Comprese tutte le sagome / All profiles included



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TFM329L

Set di teste portacoltelli per alzante scorrevole

Set of cutterheads for sliding doors and windows



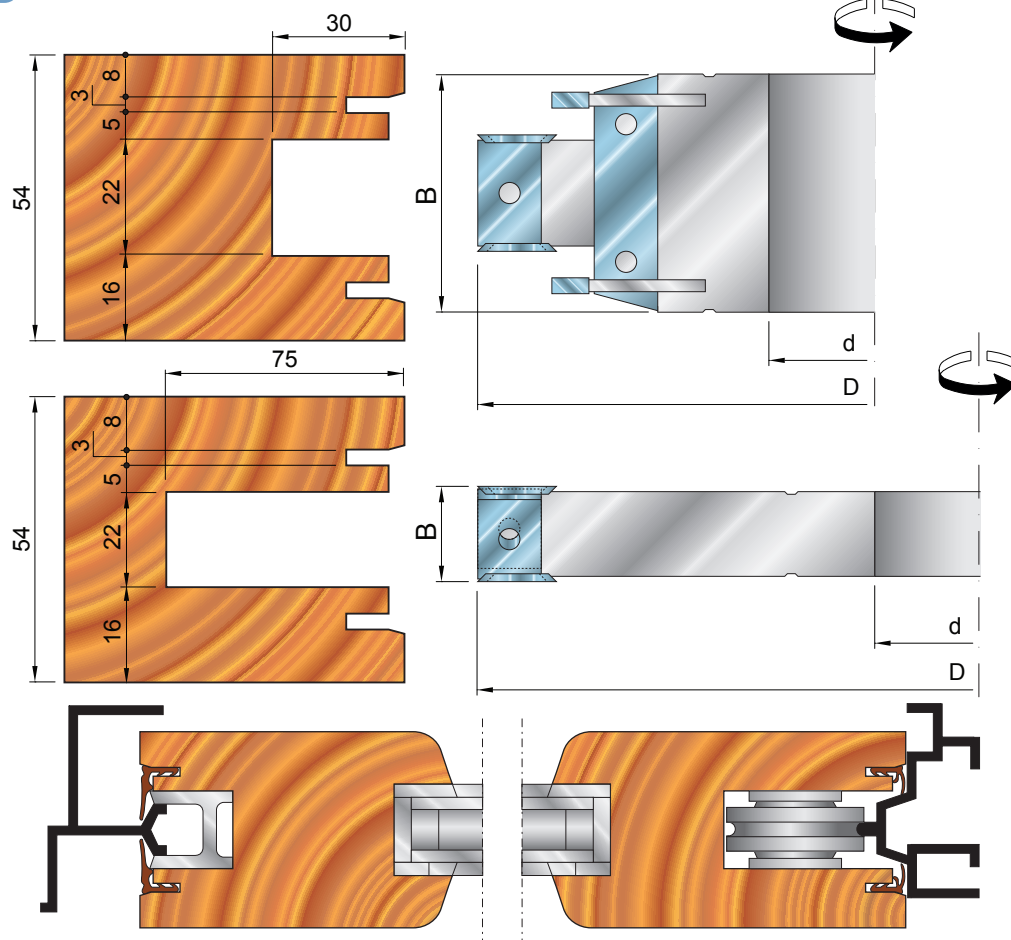
Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	B mm	d mm	Z	Rif.
TFM329L.001	160	45	35/40	2	1
TFM329L.002	200	22	35/40	2	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VRS6	VITE / SCREW	M5X7		1-2
RSN2	RASANTE / SPUR	14X14X2		1-2
VINS4	VITE / SCREW	M5X12		1
INS9DX	INSERTO/INSERT	3mm		1
INS9SX	INSERTO/INSERT	3mm		1
GRN1DX-SX	VITE / SCREW	M8-M6		1-2
OGV1SB	OGIVA / NUT	M8		1-2
T24SB	CUNEO / WEDGE	24mm		1-2
T39SB	CUNEO / WEDGE	39mm		1
012L20	COLTELLO/KNIFE	20X12X1.5		1-2
CLT329L	COLTELLO/KNIFE	50X12X1.5		1

Comprese tutte le sagome / All profiles included



TFM330L

Gruppi sagomati per porte e portoni
con bugna ad infilare

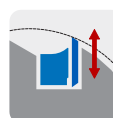
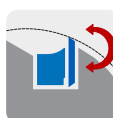
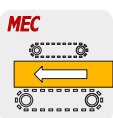
Set of tools for doors and main doors



CODICE CODE	D mm	d mm	Z	Rif.
TFM330L.001	130	35/40	2	F2/F7/F8
TFM330L.002	304	35/40	3	F4/F6

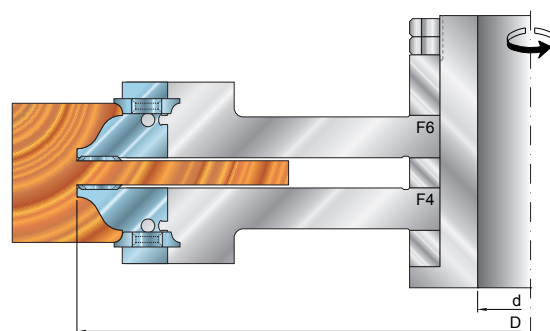
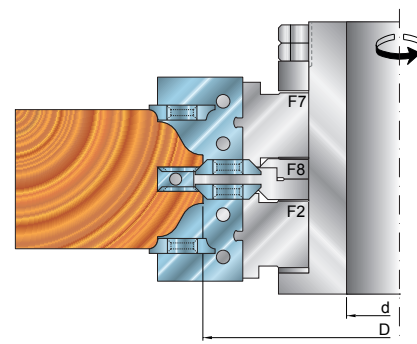
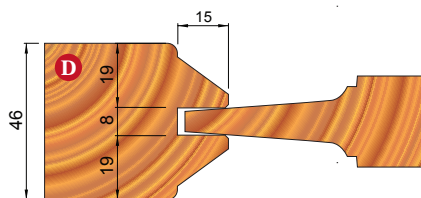
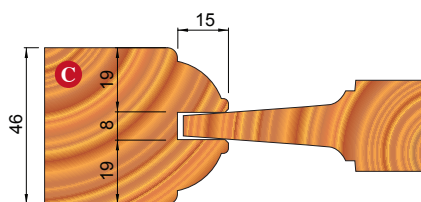
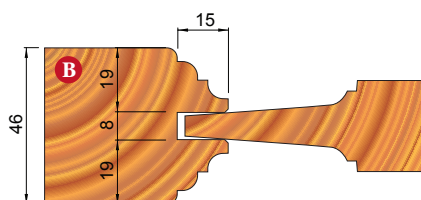
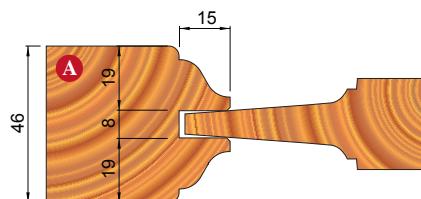
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VRS6	VITE / SCREW	M5X7		F6-F4-F8
RSN2	RASANTE / SPUR	14X14X2		F6-F4-F8
VINS4	VITE / SCREW	M5X12		F2-F4-F6-F7-F8
SPG1	INSERTO/INSERT	45°		F2-F8
RGT1/2/3	INSERTO/INSERT	R1.5/2/3		F2-F4-F6-F7
GRN1DX-SX	VITE / SCREW	M8-M6		F2-F4-F6-F7
GRN2DX-SX	VITE / SCREW	M6-M6		F8
LR.1	CUNEO / WEDGE	7.3mm		F8
OGV1SB	OGIVA / NUT	M8		F2-F4-F6-F7
T19SB	CUNEO / WEDGE	19mm		F2
T24SB	CUNEO / WEDGE	24mm		F4-F6
T29SB	CUNEO / WEDGE	29mm		F7
012L75	COLTELLO/KNIFE	7.5X12X1.5		F8

Un profilo a scelta / A profile to choice



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

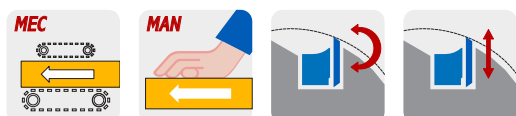
EN 847-1



TFM330L

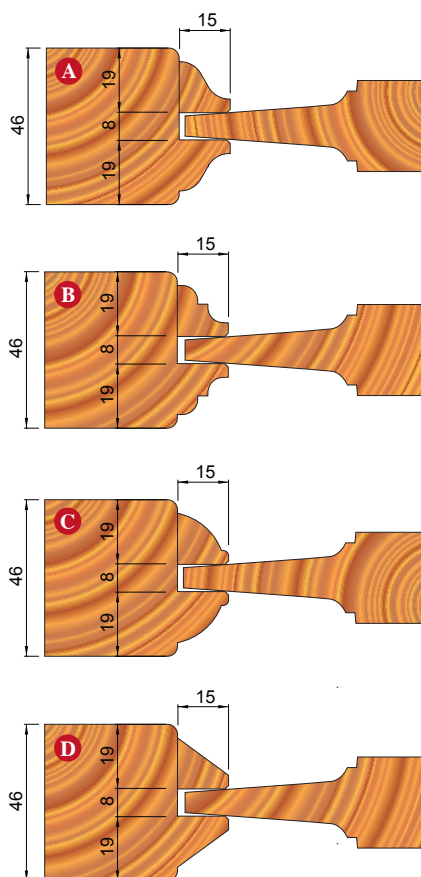
Gruppi sagomati per porte e portoni
con bugna riportata

Set of tools for doors and main doors



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

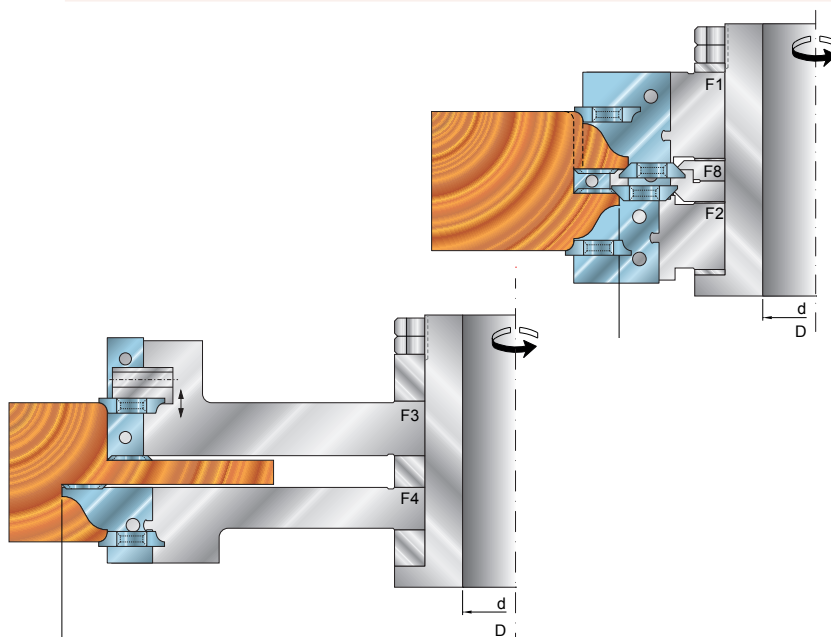
EN 847-1



CODICE CODE	D mm	d mm	Z	Rif.
TFM330L.003	130	35/40	2	F1/F2/F8
TFM330L.004	300	35/40	3	F3/F4

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VRS6	VITE / SCREW	M5X7		F3-F4-F8
RSN2	RASANTE / SPUR	14X14X2		F3-F4-F8
VINS4	VITE / SCREW	M5X12		F1-F2-F3-F4-F8
SPG1	INSERTO/INSERT	45°		F2-F8
RGT1/2/3	INSERTO/INSERT	R1.5/2/3		F1-F2-F3-F4
TOR1346	VITE / SCREW	M6X14		F3
GRN1	VITE / SCREW	M5X10		F3
CARRDX/SX	SUPPORTOMOBILE	MOBILE SUPPORT		F3
GRN2DX-SX	VITE / SCREW	M6-M6		F8
LR.1	CUNEO / WEDGE	7.3mm		F8
GRN1DX-SX	VITE / SCREW	M8-M6		F1-F2-F3-F4
OGV1SB	OGIVA / NUT	M8		F1-F2-F3-F4
T19SB	CUNEO / WEDGE	19mm		F2
T24SB	CUNEO / WEDGE	24mm		F4
T29SB	CUNEO / WEDGE	29mm		F1
T39SB	CUNEO / WEDGE	39mm		F3
012L75	COLTELLO/KNIFE	7.5X12X1.5		F8
012L40	COLTELLO/KNIFE	40X12X1.5		F3

Un profilo a scelta / A profile to choice



TFM330L

Gruppi sagomati per porte e portoni
con bugna riportata

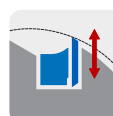
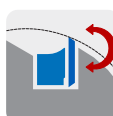
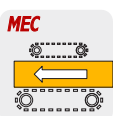
Set of tools for doors and main doors



CODICE CODE	D mm	d mm	Z	Rif.
TFM330L.005	130	35/40	2	F1/F2/F8
TFM330L.006	300	35/40	3	F3/F4/F5

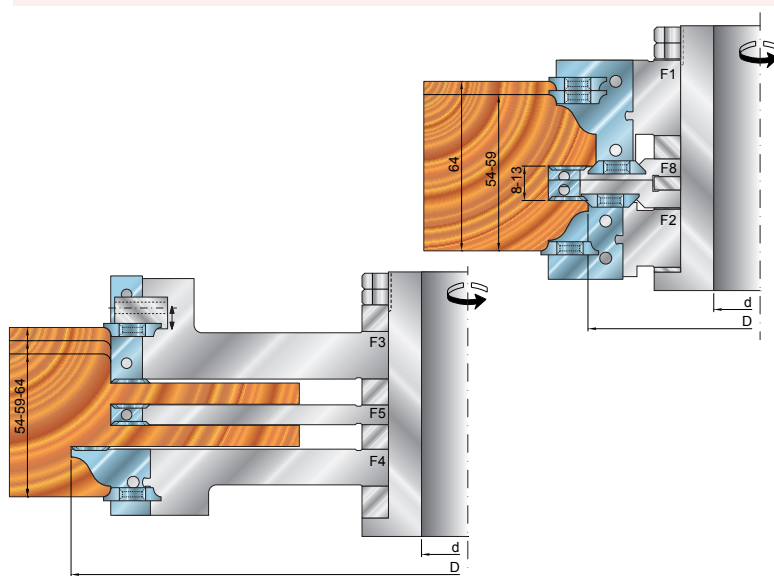
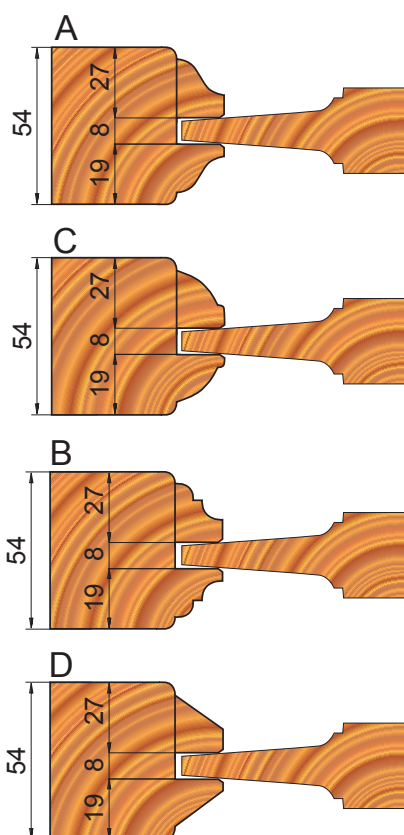
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VRS6	VITE / SCREW	M5X7		F3-F4-F5-F8
RSN2	RASANTE / SPUR	14X14X2		F3-F4-F5-F8
VINS4	VITE / SCREW	M5X12		F1-F2-F3-F4-F8
SPG1	INSERTO/INSERT	45°		F2-F8
RGT1/2/3	INSERTO/INSERT	R1.5/2/3		F1-F2-F3-F4
GRN1	VITE / SCREW	M5X10		F3
TOR1346	VITE / SCREW	M6X14		F3
CARRDX/SX	SUPPORTOMOBILE	MOBILE SUPPORT		F3
GRN2DX-SX	VITE / SCREW	M6-M6		F5-F8
LR.1	CUNEO / WEDGE	7.3mm		F5-F8
GRN1DX-SX	VITE / SCREW	M8-M6		F1-F2-F3-F4
OGV1SB	OGIVA / NUT	M8		F1-F2-F3-F4
T19SB	CUNEO / WEDGE	19mm		F2-F7
T24SB	CUNEO / WEDGE	24mm		F4
T29SB	CUNEO / WEDGE	29mm		F1
T39SB	CUNEO / WEDGE	39mm		F3
012L75	COLTELLO/KNIFE	7.5X12X1.5		F5-F8
012L40	COLTELLO/KNIFE	40X12X1.5		F3

Un profilo a scelta / A profile to choice



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TFM330L

Gruppo per recupero listello

Glass beam recovery unit



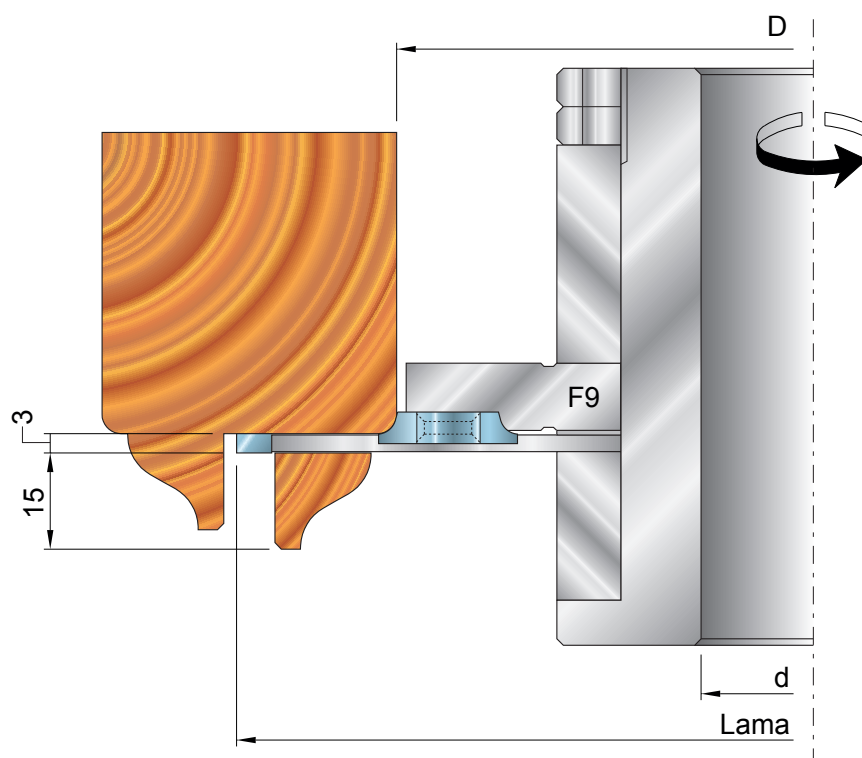
CODICE CODE	D mm	d mm	Z	LAMA SAW BLADE
TFM330L.007	130	35/40	2	Ø 180
TFM330L.008	130	35/40	2	Ø 200

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VINS4	VITE / SCREW	M5X12		F9
RGT1/2/3	INSERTO/INSERT	R1.5/2/3		F9



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



COLTELLI SAGOMATI PROFILI 'A' e 'B'

CODICE CODE	DIMENSIONI DIMENSION	PROFILO PROFILE	RIF.
CLT330L/A1	42X33X2		F1
CLT330L/A2	30X25X2		F2
CLT330L/A3	30X25X2		F7
CLT330L/A4	25X35X2		F4
CLT330L/A5	25X35X2		F6
CLT330L/B1	42X33X2		F1
CLT330L/B2	30X25X2		F2
CLT330L/B3	30X25X2		F7
CLT330L/B4	25X35X2		F4
CLT330L/B5	25X35X2		F6

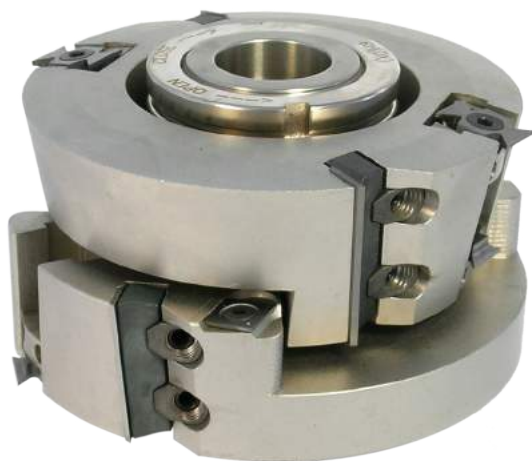
COLTELLI SAGOMATI PROFILI 'C' e 'D'

CODICE CODE	DIMENSIONI DIMENSION	PROFILO PROFILE	RIF.
CLT330L/C1	42X33X2		F1
CLT330L/C2	30X25X2		F2
CLT330L/C3	30X25X2		F7
CLT330L/C4	25X35X2		F4
CLT330L/C5	25X35X2		F6
CLT330L/D1	42X33X2		F1
CLT330L/D2	30X25X2		F2
CLT330L/D3	30X25X2		F7
CLT330L/D4	25X35X2		F4
CLT330L/D5	25X35X2		F6

TFM331L

Gruppo regolabile squadatura esterno porte

Adjustable group for outside doors part



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

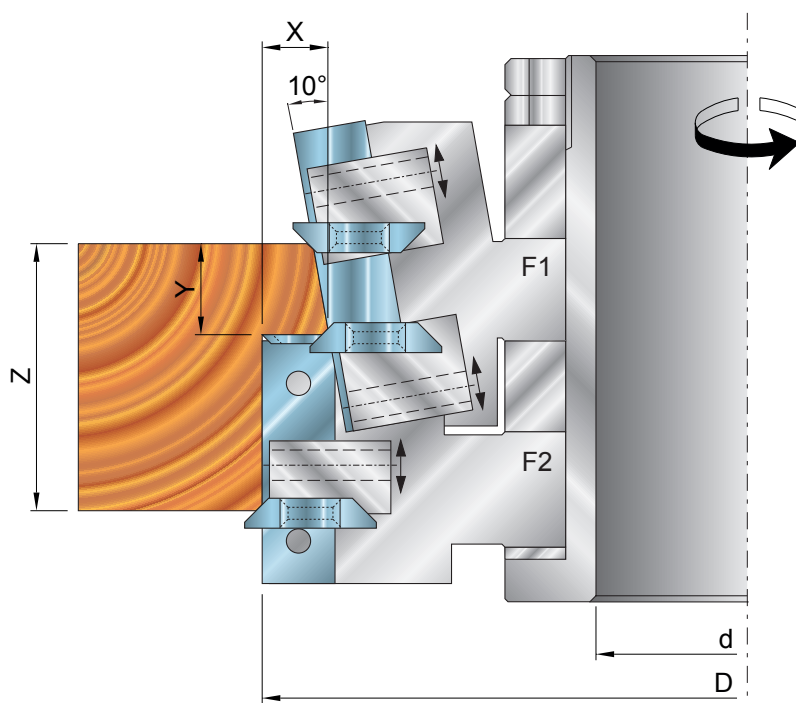
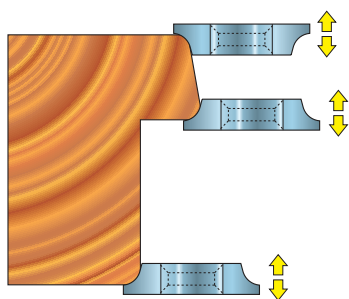
EN 847-1

CODICE CODE	D mm	X mm	Y mm	Z mm	d mm	Z
TFM331L.001	150	10÷14	10÷14	20÷80	35/40	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VRS6	VITE / SCREW	M5X7		F2
RSN2	RASANTE / SPUR	14X14X2		F2
TOR1346	VITE / SCREW	M6X14		F1-F2
SPG1	INSERTO / INSERT	45°		F1-F2
RGT1/2/3	INSERTO / INSERT	R1.5/2/3		F1-F2
GRN1	VITE / SCREW	M5X10		F1-F2
CARRDX/SX	SUPPORTOMOBILE	MOBILE SUPPORT		F1-F2
GRN1DX-SX	VITE / SCREW	M8-M6		F1-F2
OGV1SB	OGIVA / NUT	M8		F1-F2
T39SB	CUNEO / WEDGE	39mm		F2
T49SB	CUNEO / WEDGE	49mm		F1
012L40	COLTELLO / KNIFE	40X12X1.5		F2
012L50	COLTELLO / KNIFE	50X12X1.5		F1

Un profilo a scelta / A profile to choice

X= Min 10 mm. Max 14 mm.
Y= Min 10 mm. Max 14 mm.
Z= Min 20 mm. Max 80 mm.



TFM333L

Teste portacoltelli per profili di telai
e mostrine di porte

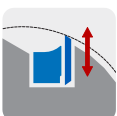
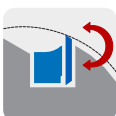
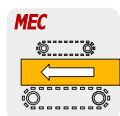
Cutterheads for frame profiles and doors
facings



CODICE CODE	D1 mm	D2 mm	d mm	Z	Rif.
TFM333L.001	200	-	35/40	3	1
TFM333L.002	-	105	35/40	3	2

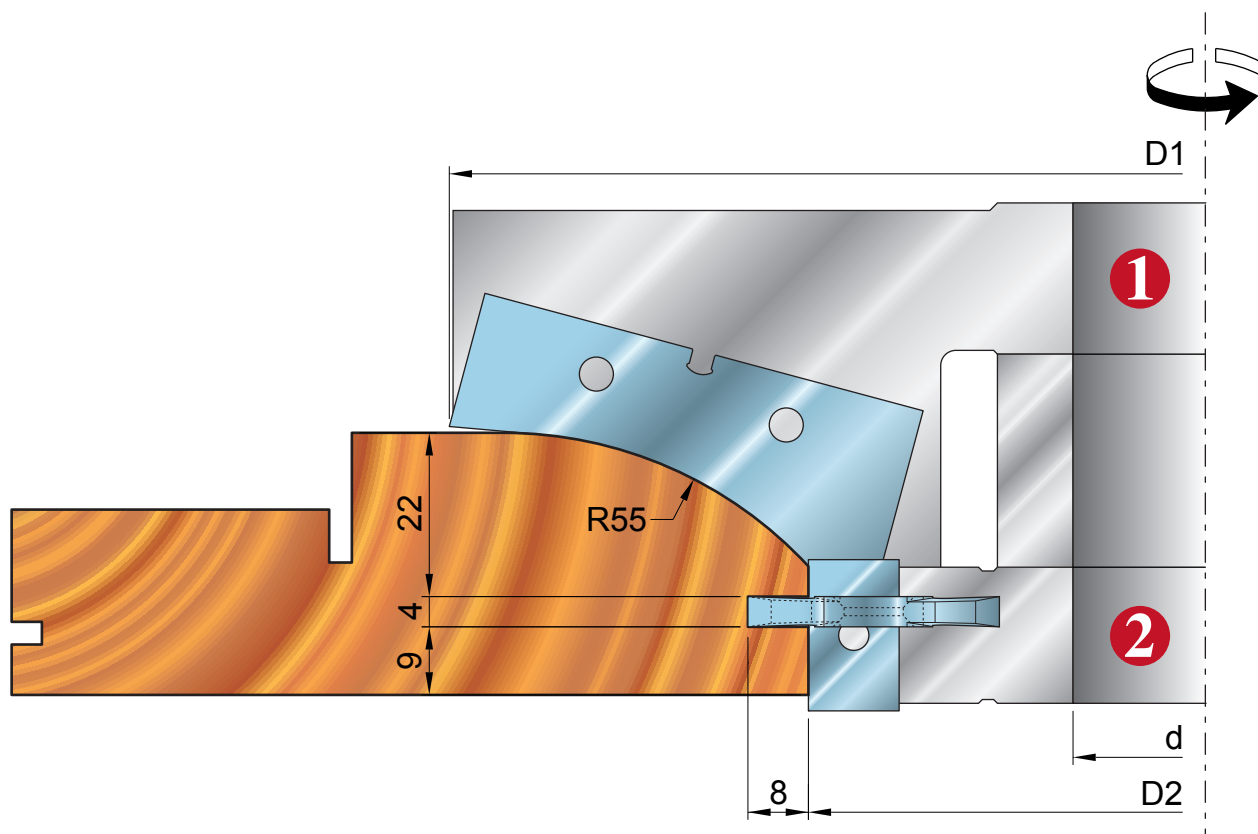
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VINS4	VITE / SCREW	M5X12		2
INS4	INSERTO/INSERT	4mm		2
GRN1DX-SX	VITE / SCREW	M8-M6		1 / 2
OGV1SB	OGIVA / NUT	M8		1 / 2
T19SB	CUNEO / WEDGE	19mm		2
T59SB	CUNEO / WEDGE	59mm		1
012L20	COLTELLO/KNIFE	20X12X1.5		2
CLT333L	COLTELLO/KNIFE	60X30X2		1

Un profilo a scelta / A profile to choice

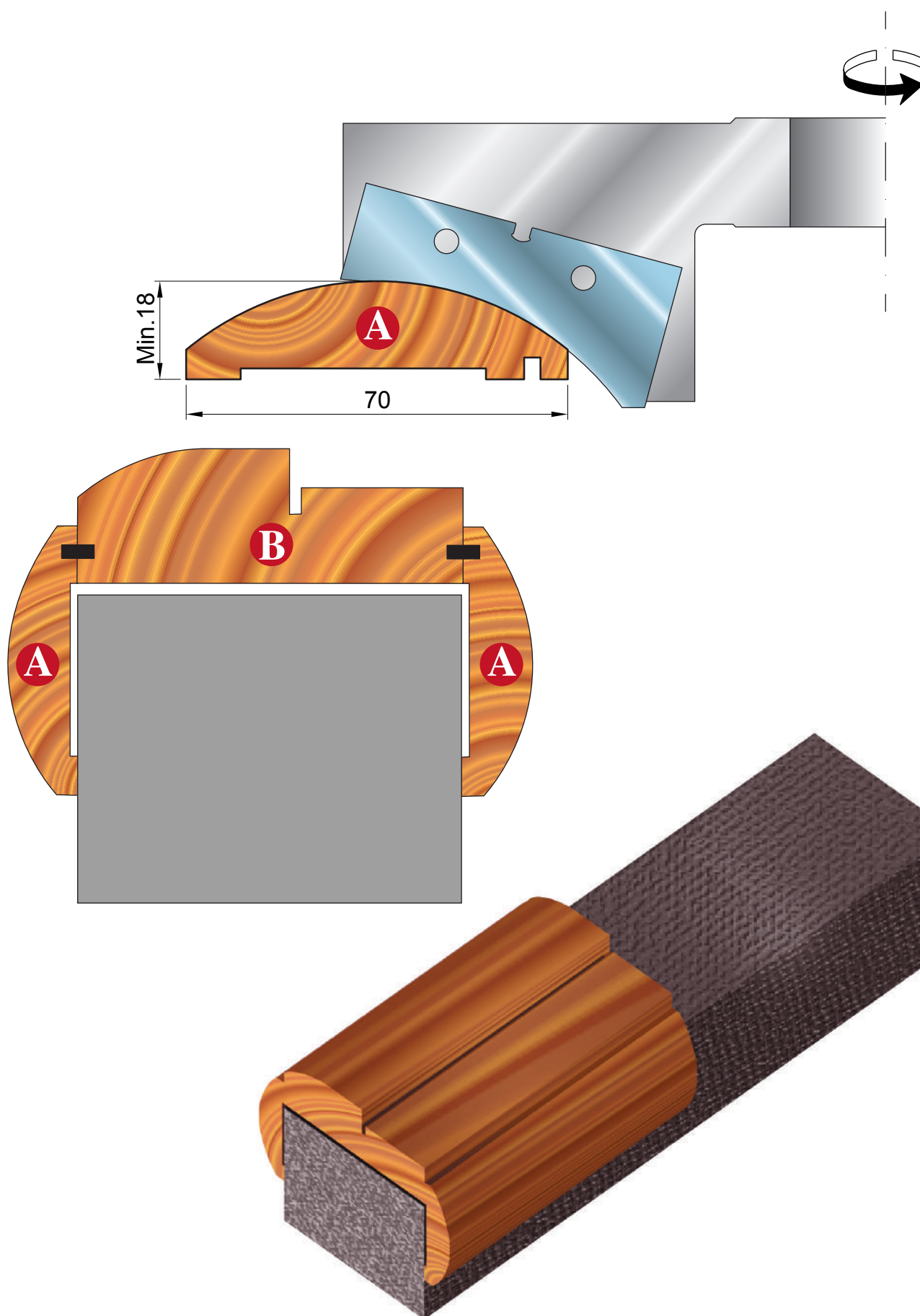


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TFM333L



TFM334L

Teste portacoltelli per profili di telai
e mostrine di porte

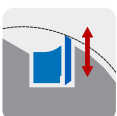
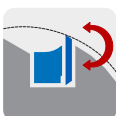
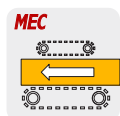
Cutter heads for frame profiles and doors
facings



CODICE CODE	D mm	d mm	Z	Rif.
TFM334L.001	200	35/40	3	1
TFM334L.002	105	35/40	3	2

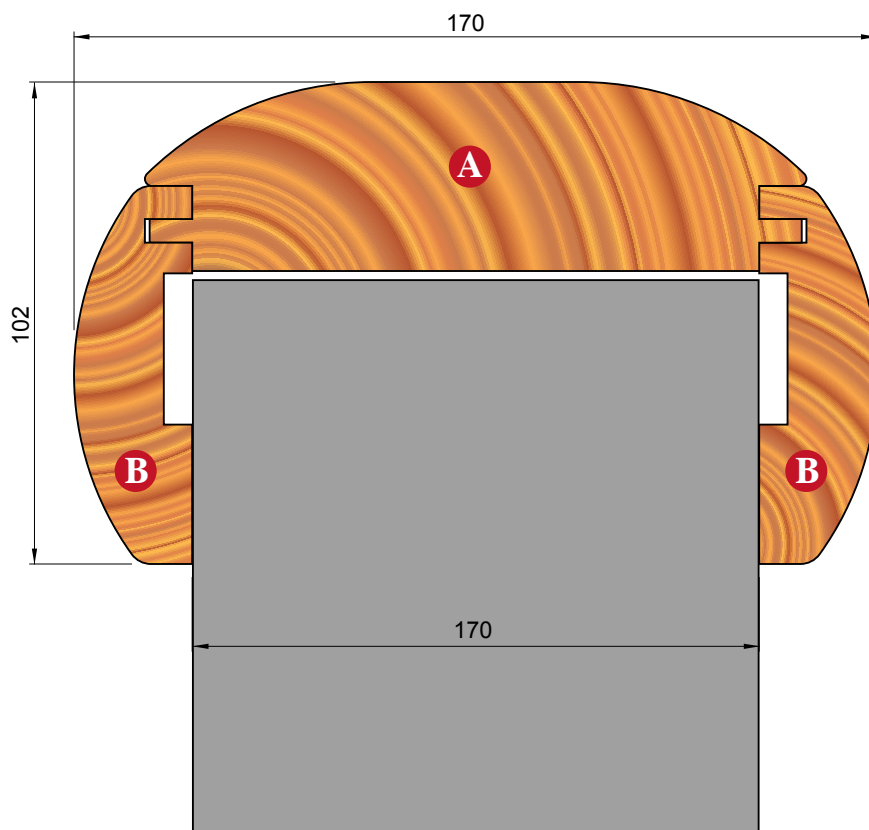
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VINS4	VITE / SCREW	M5X12		F2
INS4	INSERTO/INSERT	4mm		F2
GRN1DX-SX	VITE / SCREW	M8-M6		F1-F2
OGV1SB	OGIVA / NUT	M8		F1-F2
T19SB	CUNEO / WEDGE	19mm		F2
CLT334L/A2	CUNEO / WEDGE	20X25X2		F2
T59SB	CUNEO / WEDGE	59mm		F1
CLT334L/A1	COLTELLO/KNIFE	60X30X2		F1
CLT334L/B1	COLTELLO/KNIFE	60X30X2		F1

Un profilo a scelta / A profile to choice



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

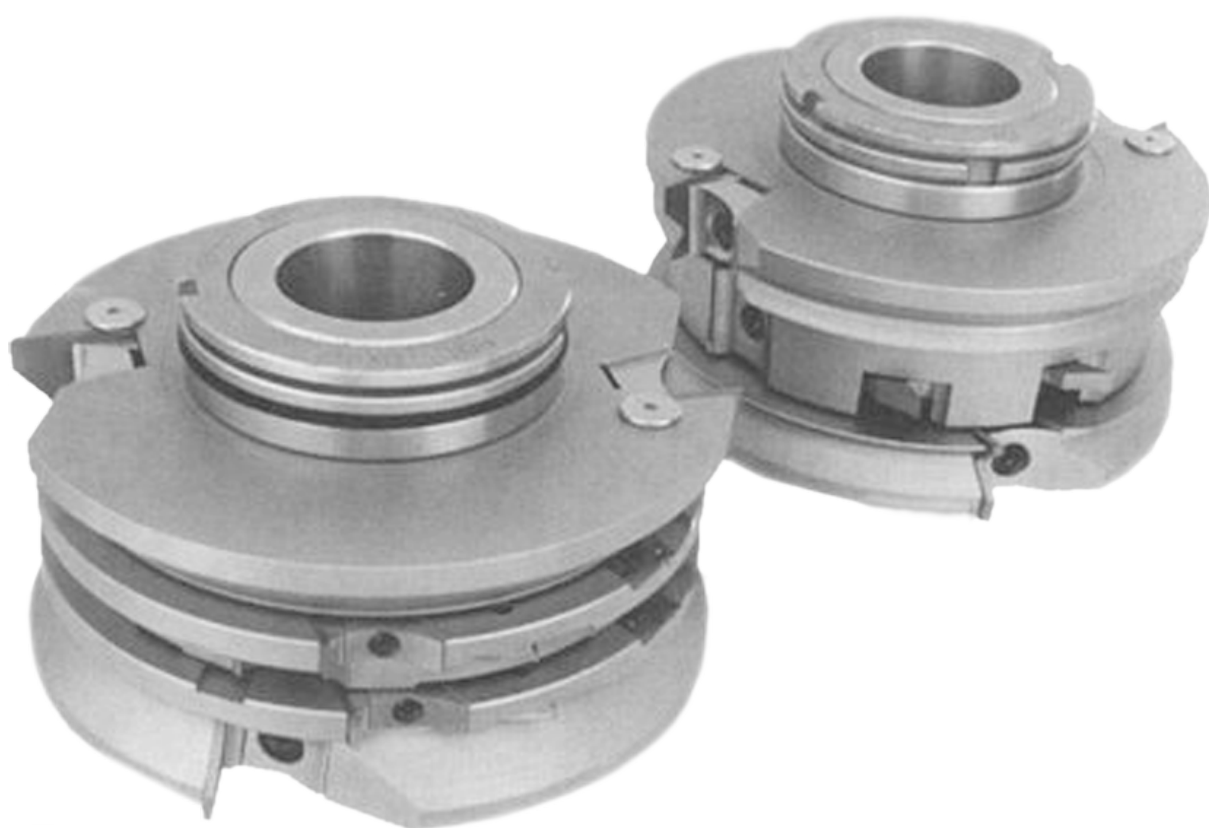
EN 847-1





GRUPPI A FISSAGGIO MECCANICO PER GIUNZIONI PER BALCONI
GROUPS OF CUTTERHEADS FOR JOINT BALCONY

SEZIONE M
SECTION M





Gruppi per giunzioni per balconi **TFM356M**
Groups of cutterheads for joint balcony pag.192



Gruppi per giunzioni per balconi **TFM357M**
Groups of cutterheads for joint balcony pag.193



Gruppi per giunzioni per balconi **TFM358M**
Groups of cutterheads for joint balcony pag.194



Gruppi per giunzioni per balconi **TFM359M**
Groups of cutterheads for joint balcony pag.195



Gruppi per giunzioni per balconi **TFM360M**
Groups of cutterheads for joint balcony pag.196



Gruppi per giunzioni per balconi **TFM361M**
Groups of cutterheads for joint balcony pag.197

TFM356M

Gruppi per giunzioni per balconi

Groups of cutterheads for joint balcony



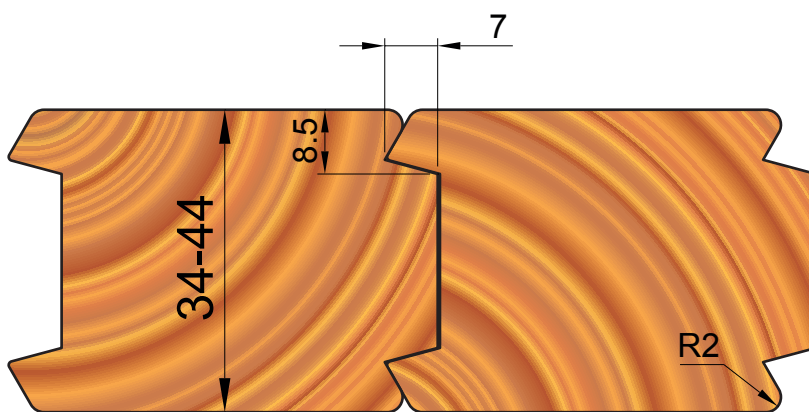
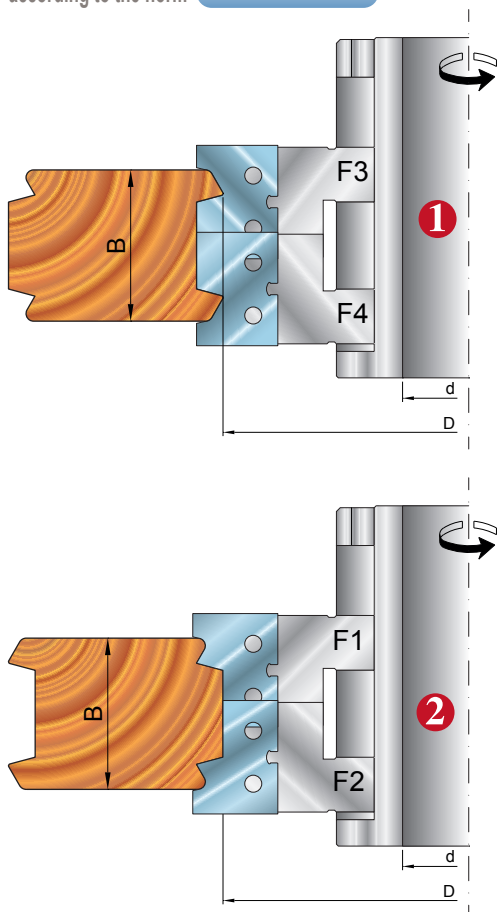
CODICE CODE	D mm	B mm	d mm	Z	Rif
TFM356M.001	130	34÷44	35/40	2	1
TFM356M.002	130	34÷44	35/40	2	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif
GRN1DX-SX	VITE / SCREW	M8-M6		F1-F2-F3-F4
OGV1SB	OGIVA / NUT	M8		F1-F2-F3-F4
T29SB	CUNEO / WEDGE	29mm		F1-F2-F3-F4
CLT356M/A	COLTELLO / KNIFE	30X25X2		F1
CLT356M/B	COLTELLO / KNIFE	30X25X2		F2
CLT356M/C	COLTELLO / KNIFE	30X25X2		F3
CLT356M/D	COLTELLO / KNIFE	30X25X2		F4



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TFM358M

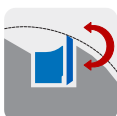
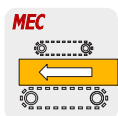
Gruppi per giunzioni per balconi

Groups of cutterheads for joint balcony



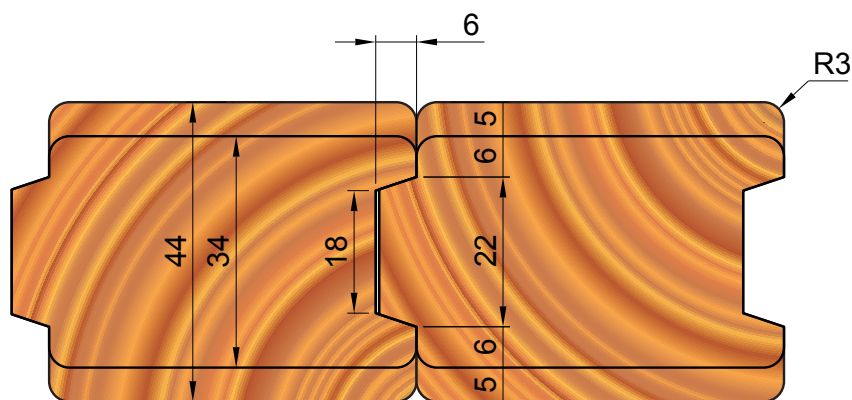
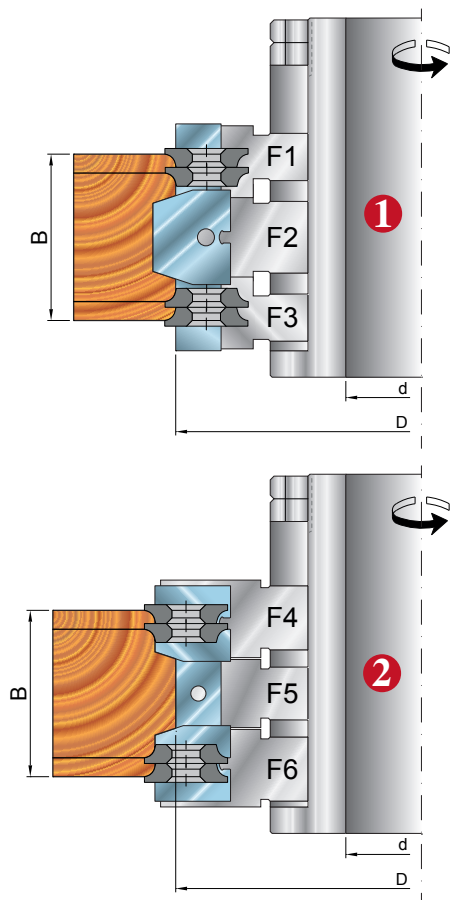
CODICE CODE	D mm	B mm	d mm	Z	Rif
TFM358M.001	130	34÷44	35/40	2	1
TFM358M.002	130	34÷44	35/40	2	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif
GRN1DX-SX	VITE / SCREW	M8 - M6		F1-F2-F3-F4-F5-F6
OGV1SB	OGIVA / NUT	M8		F1-F2-F3-F4-F5-F6
T19SB	CUNEO / WEDGE	19mm		F1-F3-F4-F5-F6
T24SB	CUNEO / WEDGE	24mm		F2
012L20	COLTELLO / KNIFE	20X12X1.5		F1-F3-F5
CLT358M/A	COLTELLO / KNIFE	25X25X2		F2
CLT358M/B	COLTELLO / KNIFE	20X25X2		F4
CLT358M/C	COLTELLO / KNIFE	20X25X2		F6



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

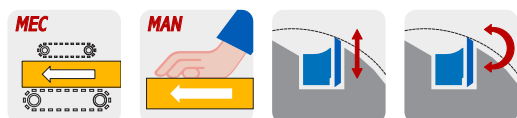
EN 847-1



TFM359M

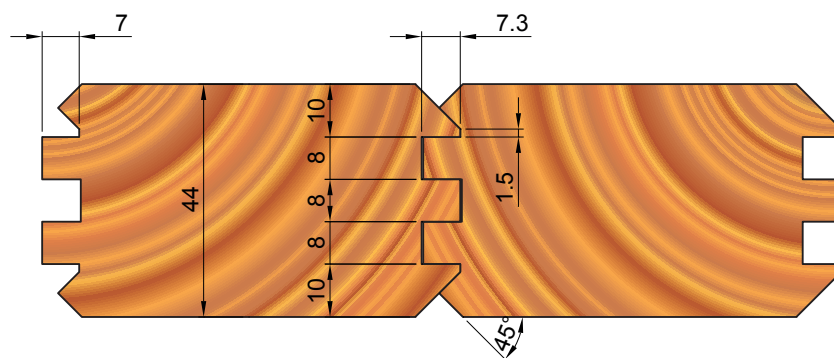
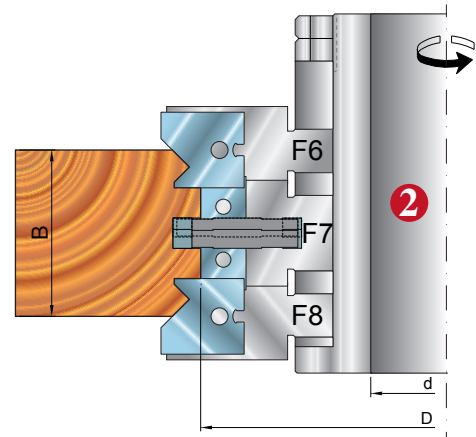
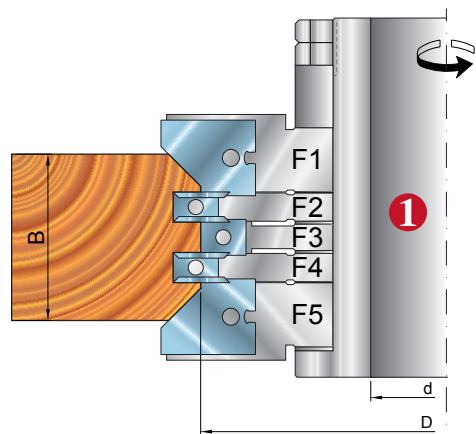
Gruppi per giunzioni per balconi

Groups of cutterheads for joint balcony



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



CODICE CODE	D mm	B mm	d mm	Z	Rif
TFM359M.001	130	44	35/40	2	1
TFM359M.002	130	44	35/40	2	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif
VRS6	VITE / SCREW	M5X7		F2-F4
RSN2	RASANTE / SPUR	14X14X2		F2-F4
VINS4	VITE / SCREW	M5X12		F7
INS5	INSERTO/INSERT	5mm		F7
GRN2DX-SX	VITE / SCREW	M6-M6		F2-F3-F4
LR.1	CUNEO / WEDGE	7.3mm		F2-F3-F4
GRN1DX-SX	VITE / SCREW	M8-M6		F1-F5-F6-F7-F8
OGV1SB	OGIVA / NUT	M8		F1-F5-F6-F7-F8
T19SB	CUNEO / WEDGE	19mm		F1-F5-F6-F8
T29SB	CUNEO / WEDGE	29mm		F7
012L76	COLTELLO/KNIFE	7.6X12X1.5		F2-F4
012L96	COLTELLO/KNIFE	9.6X12X1.5		F3
012L30	COLTELLO/KNIFE	30X12X1.5		F7
CLT359M/A	COLTELLO/KNIFE	20X25X2		F6
CLT359M/B	COLTELLO/KNIFE	20X25X2		F8
CLT359M/C	COLTELLO/KNIFE	20X30X2		F1
CLT359M/D	COLTELLO/KNIFE	20X30X2		F5



TFM360M

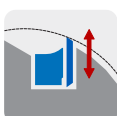
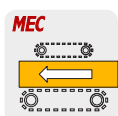
Gruppi per giunzioni per balconi

Groups of cutterheads for joint balcony



CODICE CODE	D mm	B mm	d mm	Z	Rif
TFM360M.001	130	43±53	35/40	2	1
TFM360M.002	130	43±53	35/40	2	2

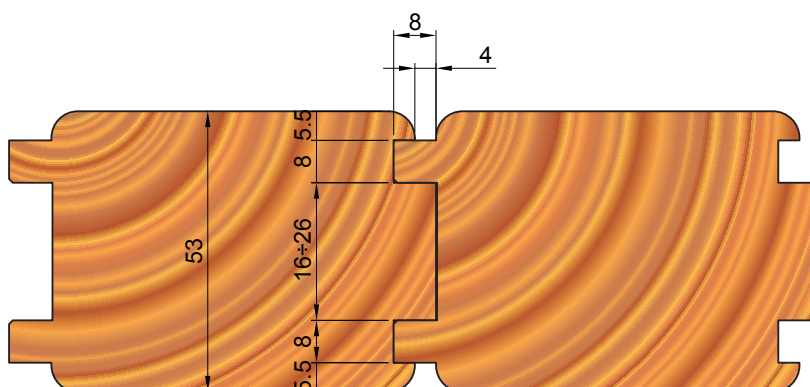
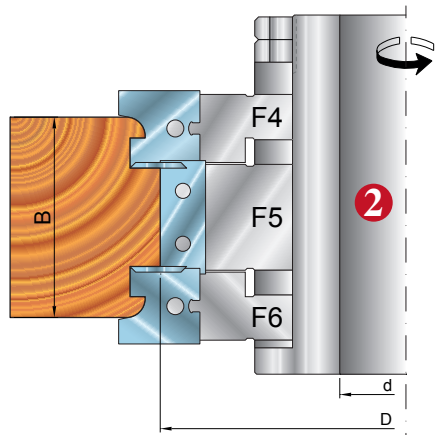
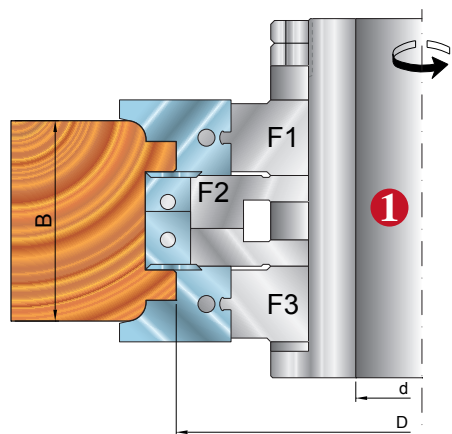
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif
VRS6	VITE / SCREW	M5X7		F2-F4-F6
RSN2	RASANTE / SPUR	14X14X2		F2-F4-F6
GRN1DX-SX	VITE / SCREW	M8 - M6		F1-F2-F3 F4-F5-F6
OGV1SB	OGIVA / NUT	M8		F1-F2-F3 F4-F5-F6
T14SB	CUNEO / WEDGE	14mm		F2
T19SB	CUNEO / WEDGE	19mm		F1-F3-F4-F6
T29SB	CUNEO / WEDGE	29mm		F5
012L15	COLTELLO / KNIFE	15X12X1.5		F2
012L30	COLTELLO / KNIFE	30X12X1.5		F5
CLT360M/A	COLTELLO / KNIFE	20X25X2		F3
CLT360M/B	COLTELLO / KNIFE	20X25X2		F1
CLT360M/C	COLTELLO / KNIFE	20X25X2		F6
CLT360M/D	COLTELLO / KNIFE	20X25X2		F4



M

Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TFM361M

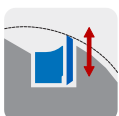
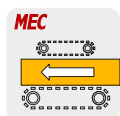
Gruppi per giunzioni per balconi

Groups of cutterheads for joint balcony



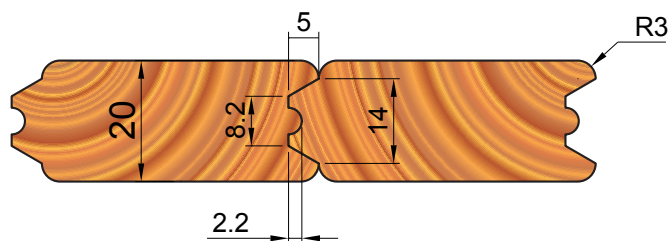
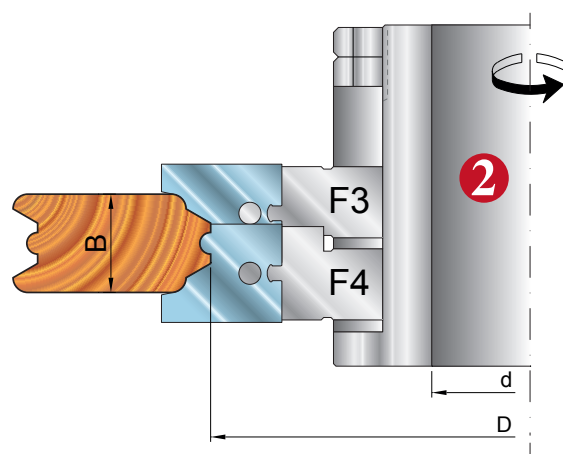
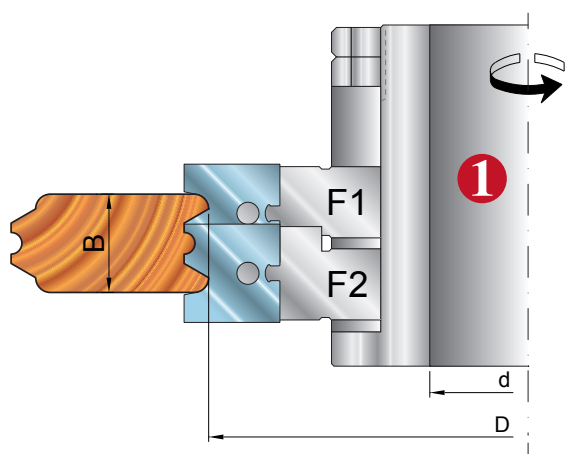
CODICE CODE	D mm	B mm	d mm	Z	Rif
TFM361M.001	130	20	35/40	2	1
TFM361M.002	130	20	35/40	2	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif
GRN1DX-SX	VITE / SCREW	M8 - M6		F1-F2-F3-F4
OGV1SB	OGIVA / NUT	M8		F1-F2-F3-F4
T19SB	CUNEO / WEDGE	19mm		F1-F2-F3-F4
CLT361M/A	COLTELLO / KNIFE	20X30X2		F3
CLT361M/B	COLTELLO / KNIFE	20X30X2		F4
CLT361M/C	COLTELLO / KNIFE	20X20X2		F1
CLT361M/D	COLTELLO / KNIFE	20X20X2		F2



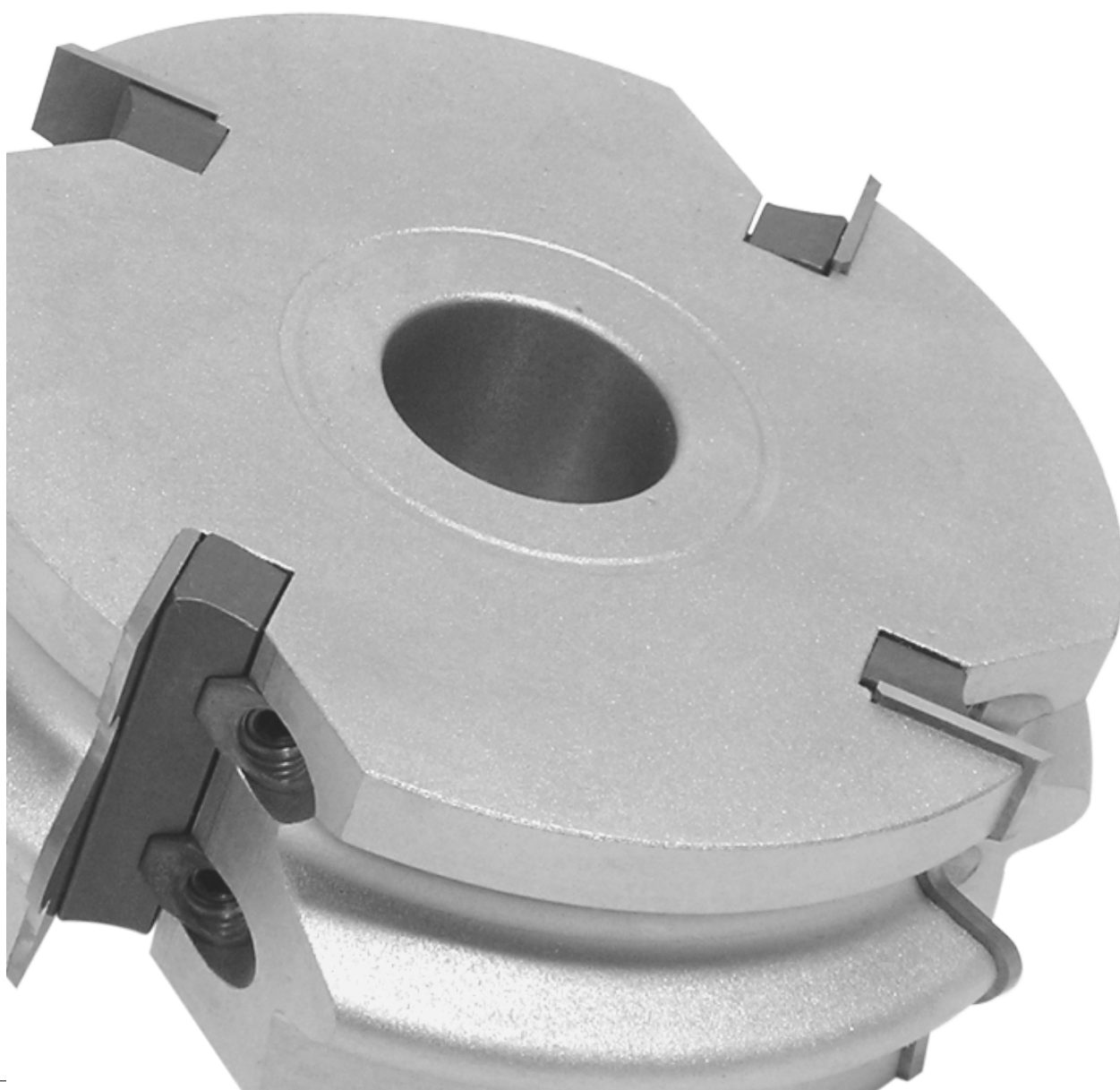
Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



GRUPPI PER PERSIANE
SET FOR WINDOWS SHUTTERS

SEZIONE N
SECTION N

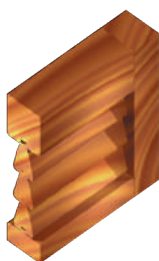




Antone intelaiato **TFM382N**
Set for blind and door pag.200



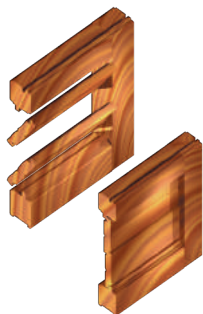
Persiana con lista fissa **TFM383N**
Windows shutter with fixed slats pag.202



Persiana con lista a doppia vista **TFM384N**
Windows Shutter with double-faced slats pag.204



Persiana sagomata con liste fisse e sportello **TFM385N**
Windows profiled shutter with fixed slats and door pag.206



Persiana con liste orientabili **TFM386N**
Windows shutter with orientable slats pag.208



Squadratura persiana **TFM387N**
Outside sash shutter profile pag.210



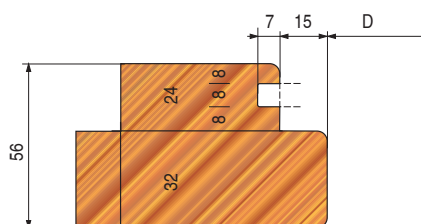
Testa sagomata per stecche di persiane **TFM388N**
Cutterhead for slats pag.212



Testa per squadratura montanti centrali **TFM389N**
Cutterhead for middle jamb squaring pag.213

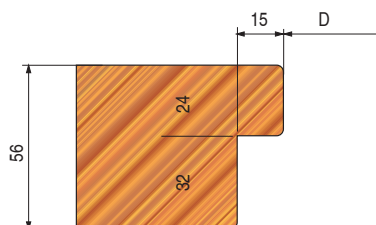
Set for blind and door

Profilatura montanti, traversi, squadatura anta sinistra



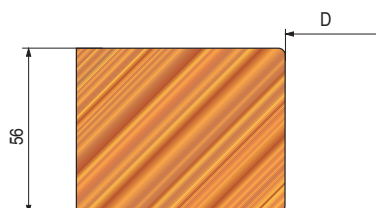
CODICE CODE	D mm	d mm	Z
TFM382N.001	130	35/40	2
TFM382N.002	130	35/40	4
TFM382N.003	160	35/40	4

Profilatura telaio e squadatura anta



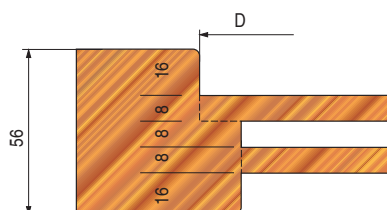
CODICE CODE	D mm	d mm	Z
TFM382N.004	130	35/40	2
TFM382N.005	130	35/40	4
TFM382N.006	160	35/40	4

Squadatura inferiore anta



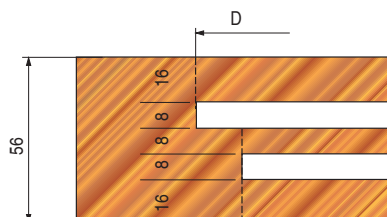
CODICE CODE	D mm	d mm	Z
TFM382N.007	130	35/40	2
TFM382N.008	130	35/40	4
TFM382N.009	160	35/40	4

Tenonatura traversi telaio



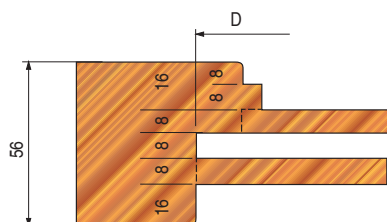
CODICE CODE	D mm	d mm	Z
TFM382N.010	304	35/40	2
TFM382N.011	304	35/40	3

Tenonatura superiore montanti telaio

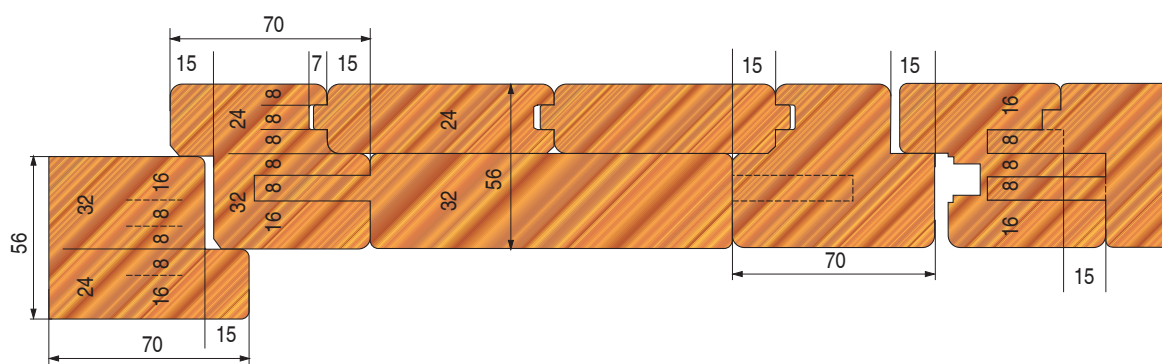
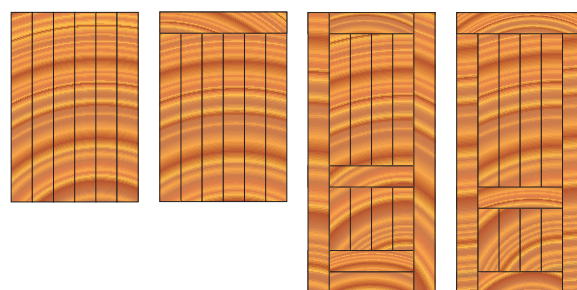
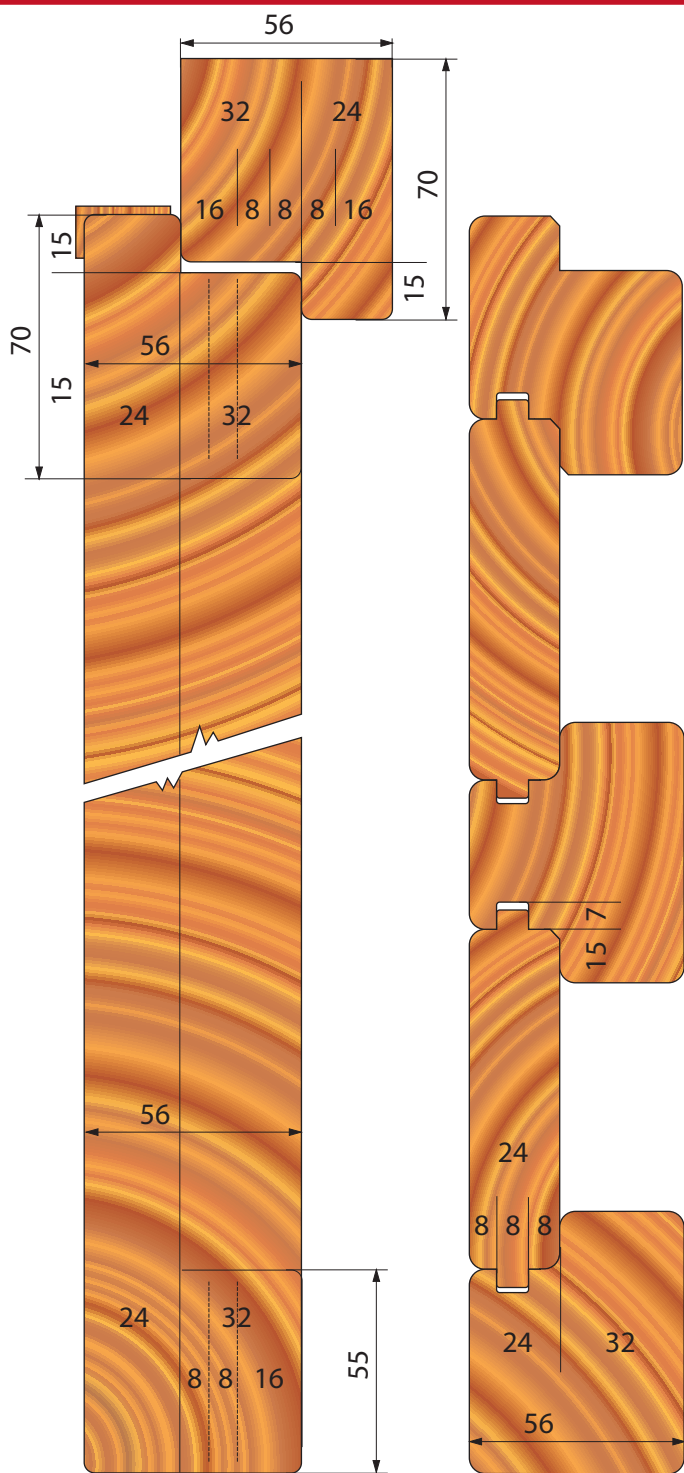


CODICE CODE	D mm	d mm	Z
TFM382N.012	304	35/40	2
TFM382N.013	304	35/40	3

Tenonatura traversi anta



CODICE CODE	D mm	d mm	Z
TFM382N.014	304	35/40	2
TFM382N.015	304	35/40	3



TFM383N

Persiana con lista fissa

Windows shutter with fixed slats

Squadratura traverso inferiore

CODICE CODE	D mm	d mm	Z
TFM383N.001	130	35/40	2
TFM383N.002	130	35/40	4
TFM383N.003	160	35/40	4

Tenonatura traversi

CODICE CODE	D mm	d mm	Z
TFM383N.004	304	35/40	2
TFM383N.005	304	35/40	3

Tenonatura montanti

CODICE CODE	D mm	d mm	Z
TFM383N.006	304	35/40	2
TFM383N.007	304	35/40	3

Tenonatura montanti per profilo sagomato

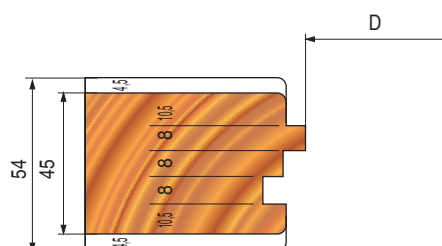
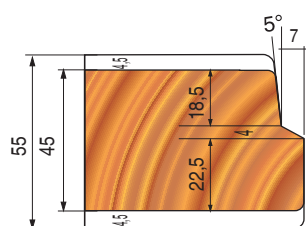
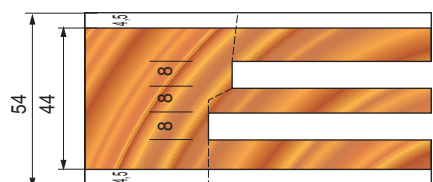
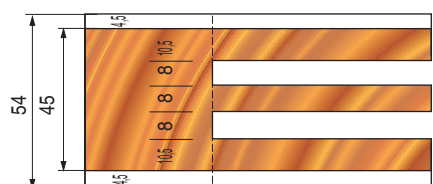
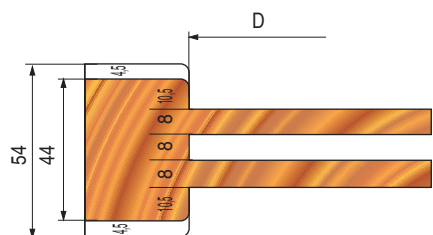
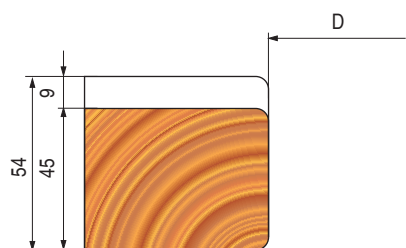
CODICE CODE	D mm	d mm	Z
TFM383N.008	304	35/40	2
TFM383N.009	304	35/40	3

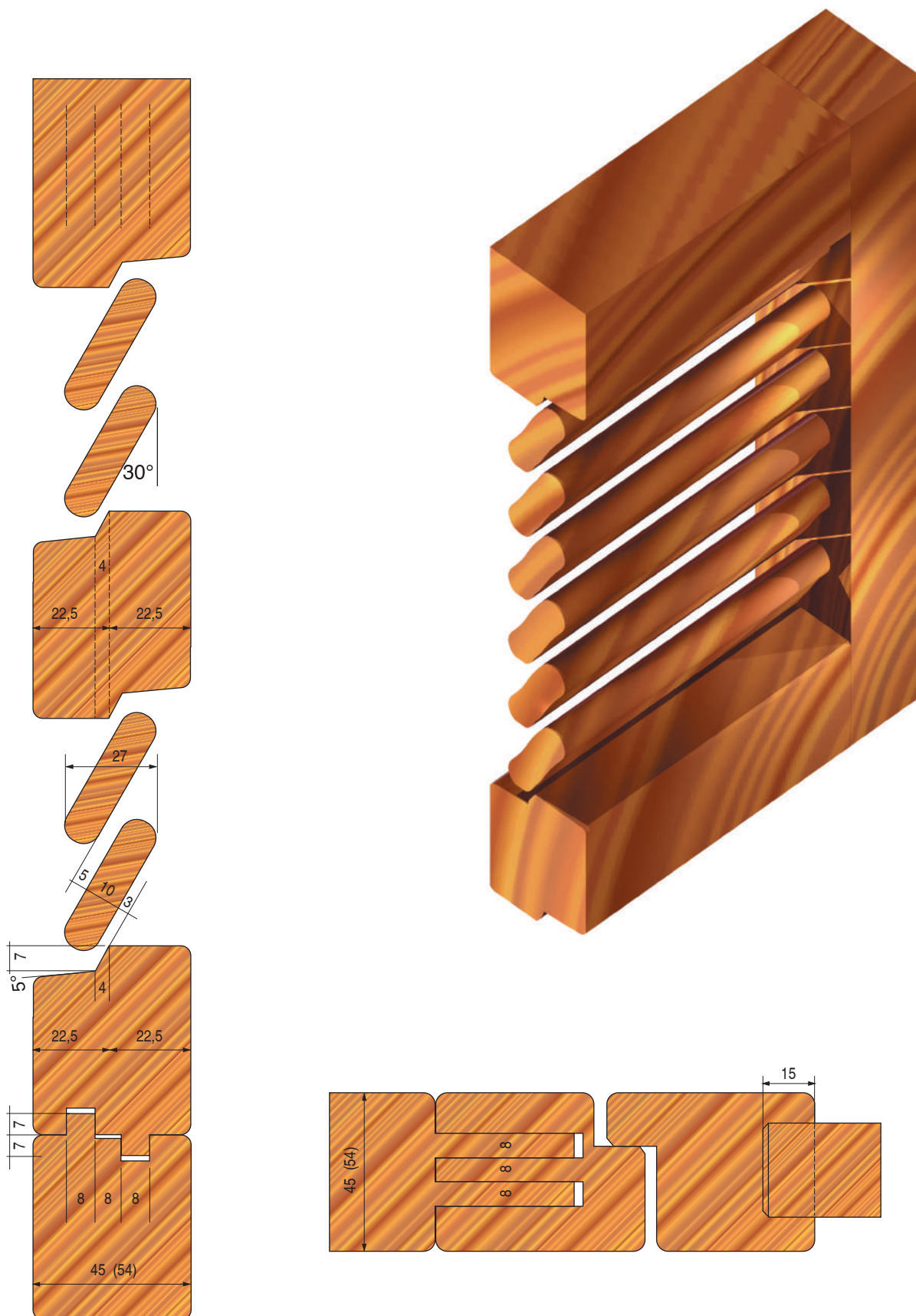
Profilatura traversi

CODICE CODE	D mm	d mm	Z
TFM383N.010	130	35/40	2
TFM383N.011	130	35/40	4
TFM383N.012	160	35/40	4

Profilatura traversi aggiunti

CODICE CODE	D mm	d mm	Z
TFM383N.013	130	35/40	2
TFM383N.014	130	35/40	4
TFM383N.015	160	35/40	4





N

TFM384N

Persiana con lista a doppia vista

Windows Shutter with double-faced slats

Profilatura montanti e traverso superiore

CODICE CODE	D mm	d mm	Z
TFM384N.001	130	35/40	2
TFM384N.002	130	35/40	4
TFM384N.003	160	35/40	4

Profilatura traverso inferiore anta

CODICE CODE	D mm	d mm	Z
TFM384N.004	130	35/40	2
TFM384N.005	130	35/40	4
TFM384N.006	160	35/40	4

Tenonatura traversi

CODICE CODE	D mm	d mm	Z
TFM384N.007	304	35/40	2
TFM384N.008	304	35/40	3

Tenonatura montanti

CODICE CODE	D mm	d mm	Z
TFM384N.009	304	35/40	2
TFM384N.010	304	35/40	3

Profilatura maschio perlina

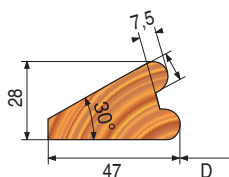
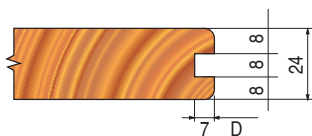
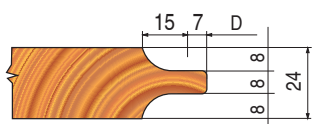
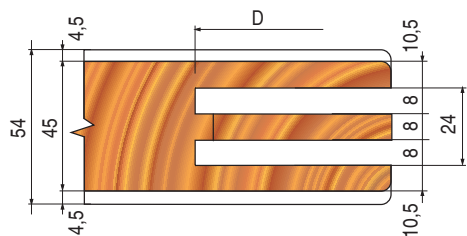
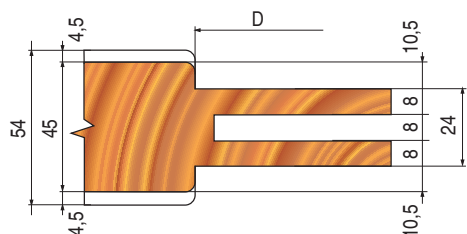
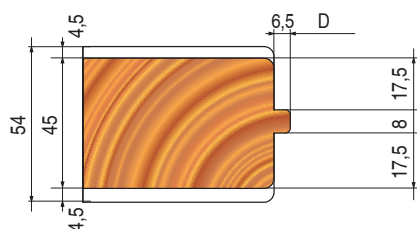
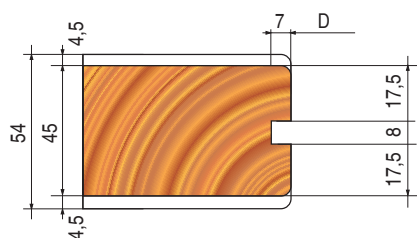
CODICE CODE	D mm	d mm	Z
TFM384N.011	130	35/40	2
TFM384N.012	130	35/40	4
TFM384N.013	160	35/40	4

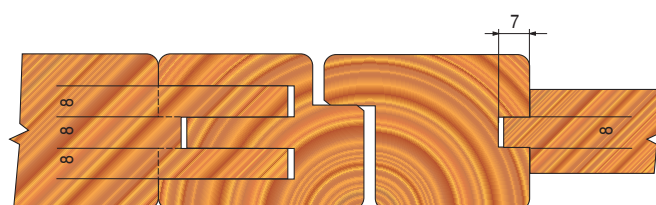
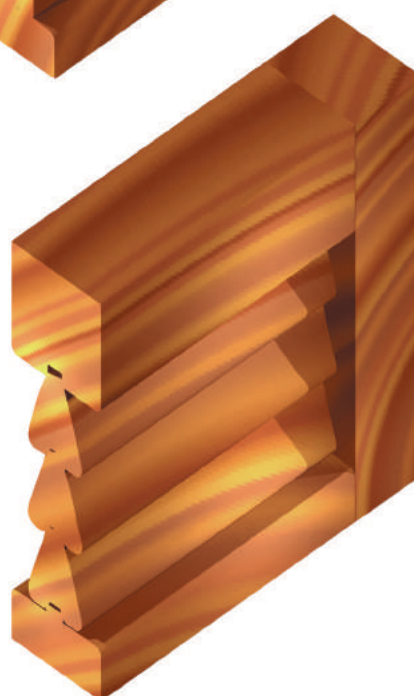
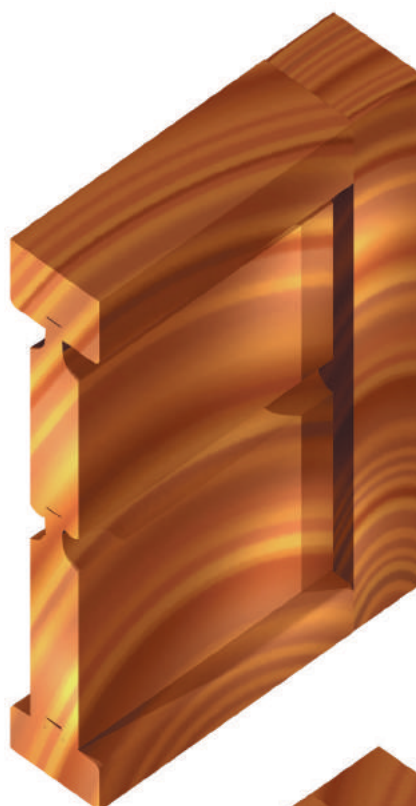
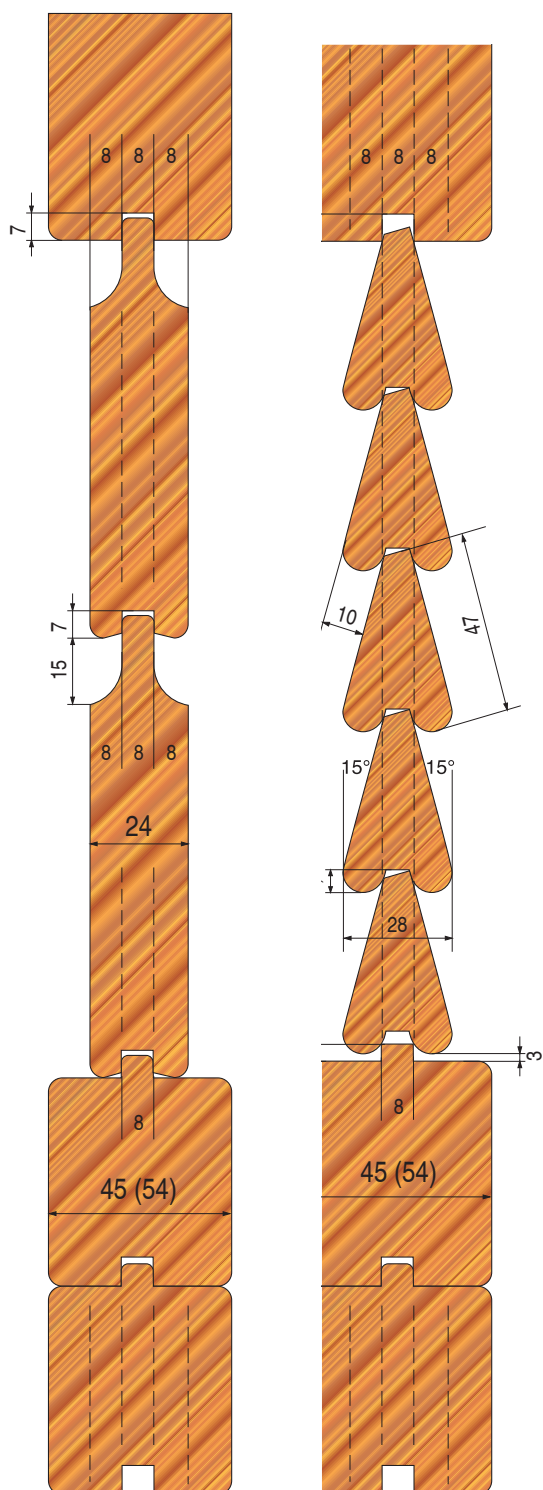
Profilatura femmina perlina

CODICE CODE	D mm	d mm	Z
TFM384N.014	130	35/40	2
TFM384N.015	130	35/40	4
TFM384N.016	160	35/40	4

Profilatura lista

CODICE CODE	D mm	d mm	Z
TFM384N.017	130	35/40	2
TFM384N.018	130	35/40	4
TFM384N.019	160	35/40	4

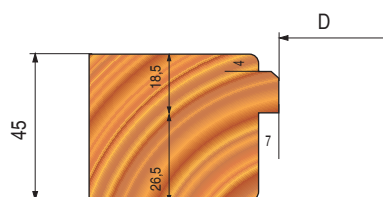
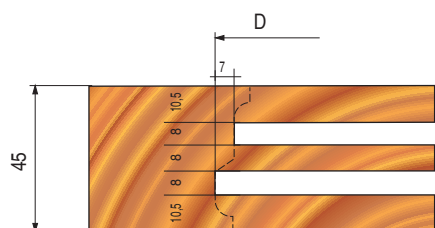
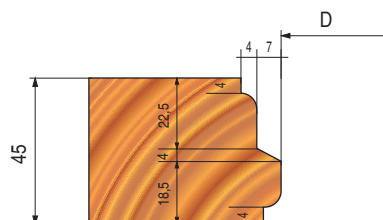
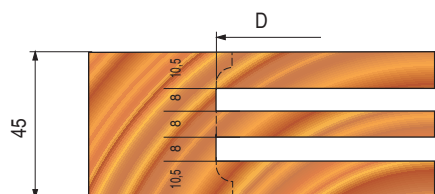
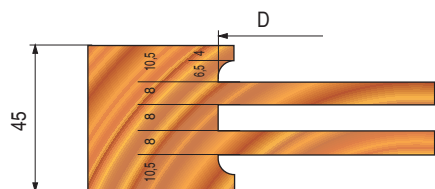
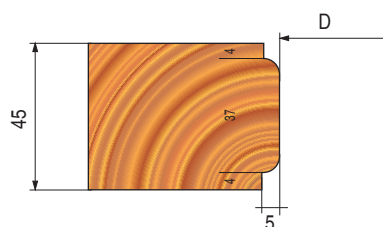




TFM385N

Persiana sagomata con liste fisse e sportello

Windows profiled shutter with fixed slats and door



Profilatura traverso inferiore anta

CODICE CODE	D mm	d mm	Z
TFM385N.001	130	35/40	2
TFM385N.002	130	35/40	4
TFM385N.003	160	35/40	4

Tenonatura traversi

CODICE CODE	D mm	d mm	Z
TFM385N.004	304	35/40	2
TFM385N.005	304	35/40	3

Tenonatura montanti

CODICE CODE	D mm	d mm	Z
TFM385N.006	304	35/40	2
TFM385N.007	304	35/40	3

Profilatura traversi

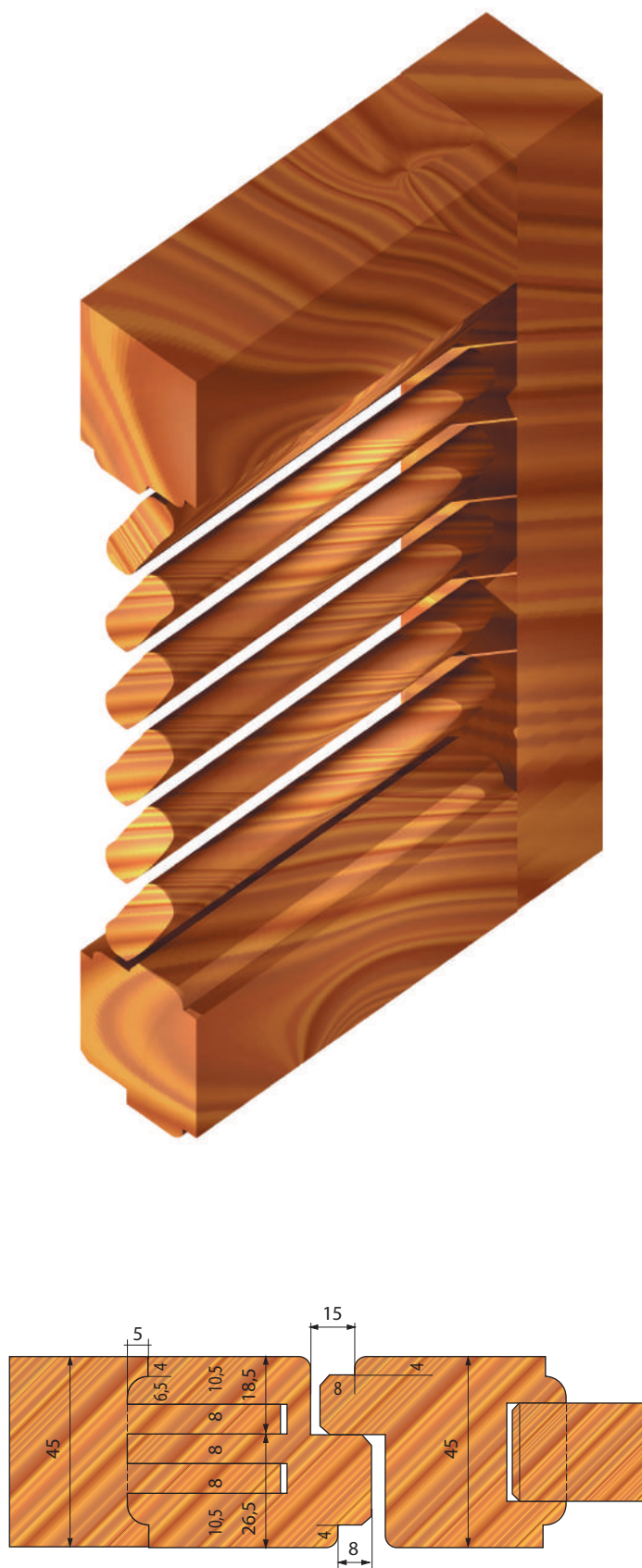
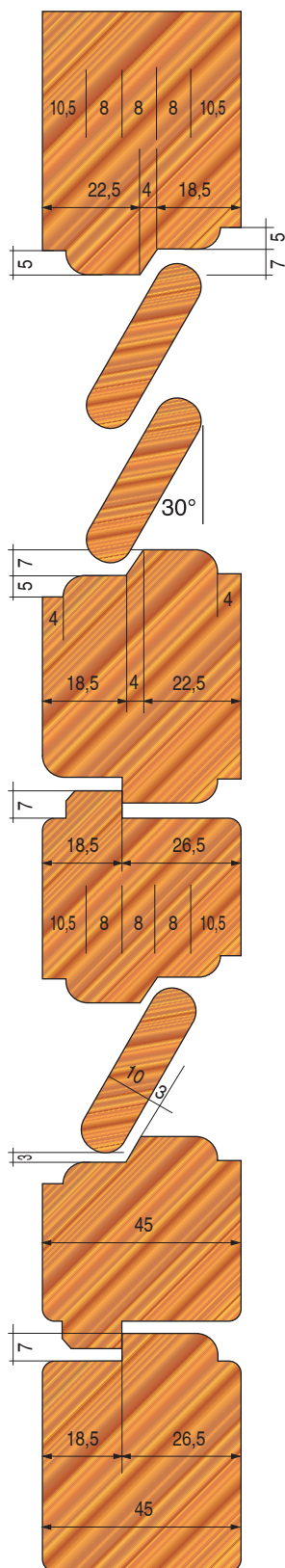
CODICE CODE	D mm	d mm	Z
TFM385N.008	130	35/40	2
TFM385N.009	130	35/40	4
TFM385N.010	160	35/40	4

Tenonatura montanti per profilo sagomato

CODICE CODE	D mm	d mm	Z
TFM385N.011	304	35/40	2
TFM385N.012	304	35/40	3

Squadratura sportello

CODICE CODE	D mm	d mm	Z
TFM385N.013	130	35/40	2
TFM385N.014	130	35/40	4
TFM385N.015	160	35/40	4



TFM386N

Persiana con liste orientabili

Windows shutter with orientable slats

Profilatura cornice interna

CODICE CODE	D mm	d mm	Z
TFM386N.001	130	35/40	2
TFM386N.002	130	35/40	4
TFM386N.003	160	35/40	4

Tenonatura traversi

CODICE CODE	D mm	d mm	Z
TFM386N.004	304	35/40	2
TFM386N.005	304	35/40	3

Tenonatura montanti normale

CODICE CODE	D mm	d mm	Z
TFM386N.006	304	35/40	2
TFM386N.007	304	35/40	3

Profilatura cornice con canale

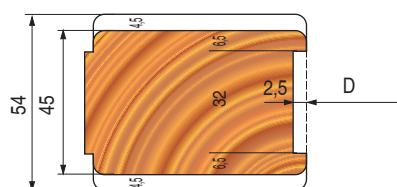
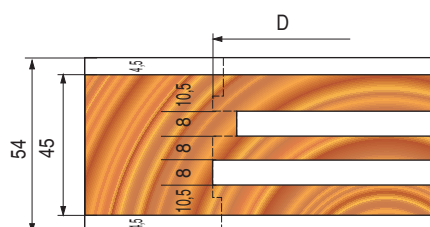
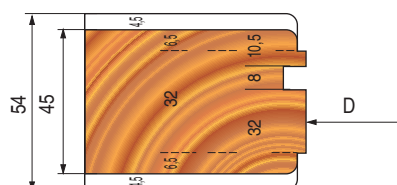
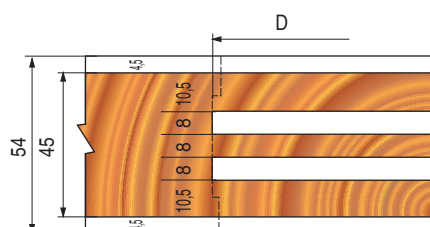
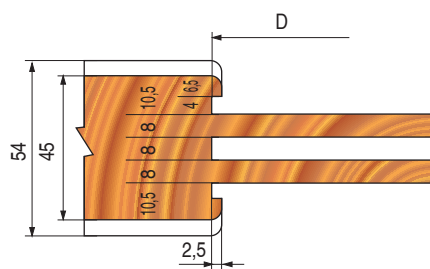
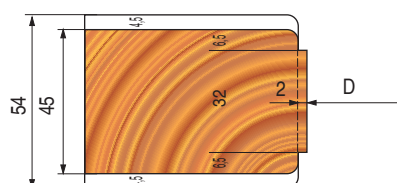
CODICE CODE	D mm	d mm	Z
TFM386N.008	130	35/40	2
TFM386N.009	130	35/40	4
TFM386N.010	160	35/40	4

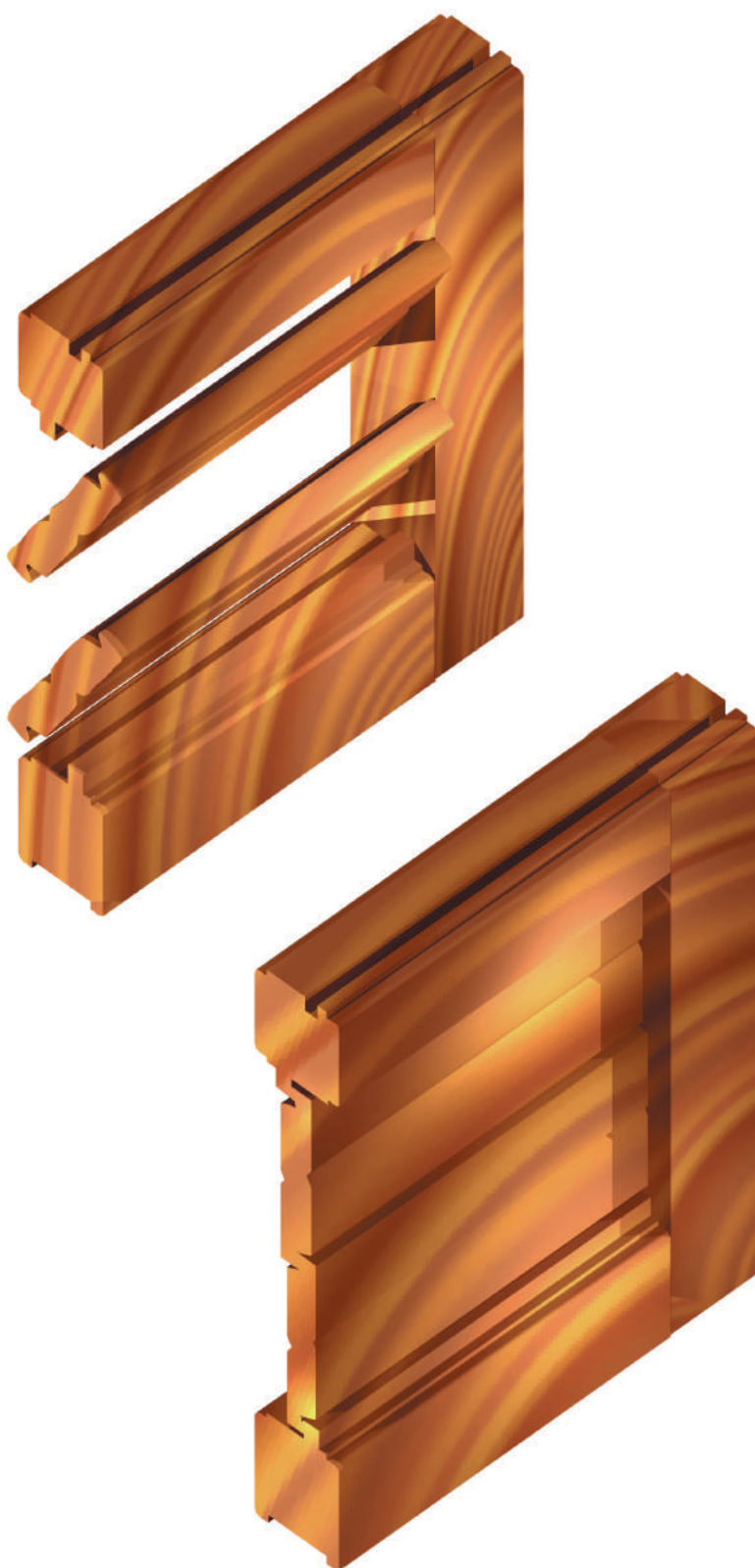
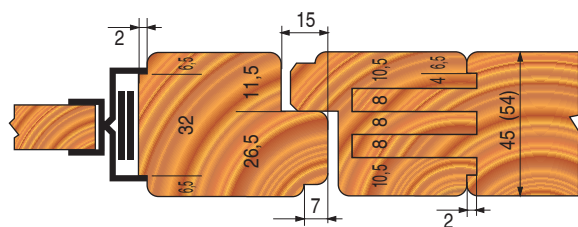
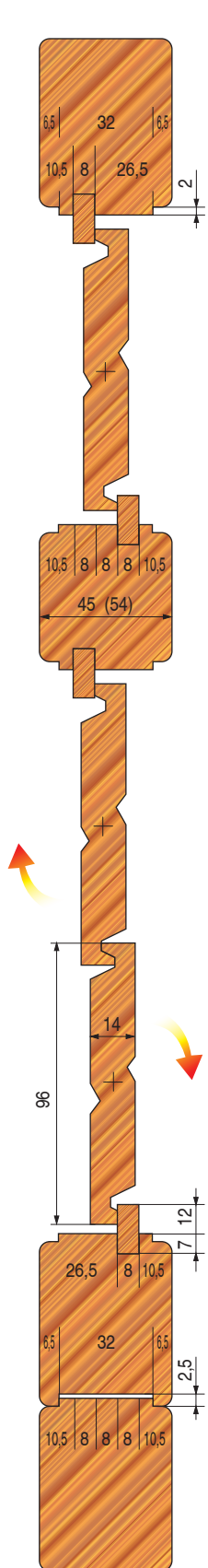
Tenonatura montanti con canale

CODICE CODE	D mm	d mm	Z
TFM386N.011	304	35/40	2
TFM386N.012	304	35/40	3

Profilatura traversi aggiunti

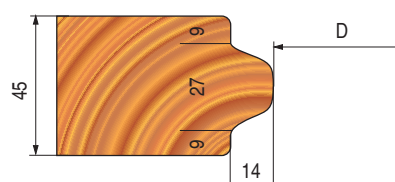
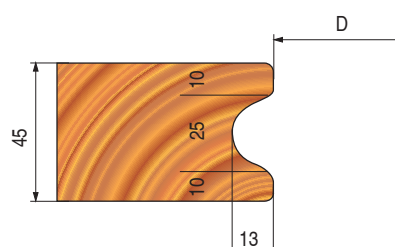
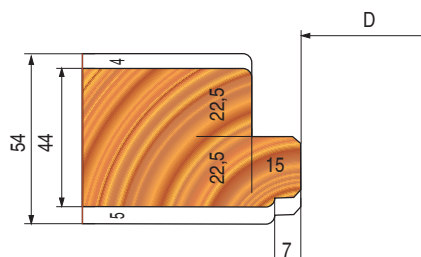
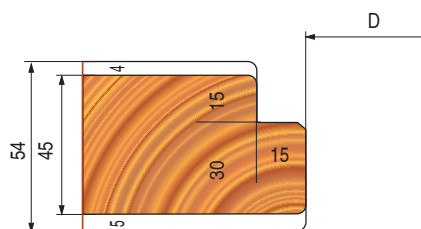
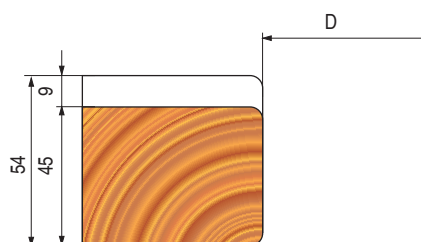
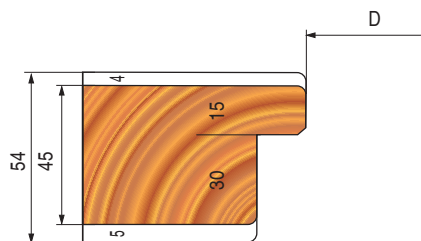
CODICE CODE	D mm	d mm	Z
TFM386N.013	130	35/40	2
TFM386N.014	130	35/40	4
TFM386N.015	160	35/40	4





N

Outside sash shutter profile



Squadratura montanti e traverso superiore

CODICE CODE	D mm	d mm	Z
TFM387N.001	130	35/40	2
TFM387N.002	130	35/40	4
TFM387N.003	160	35/40	4

Squadratura traverso inferiore

CODICE CODE	D mm	d mm	Z
TFM387N.004	130	35/40	2
TFM387N.005	130	35/40	4
TFM387N.006	160	35/40	4

Squadratura montante centrale sinistro

CODICE CODE	D mm	d mm	Z
TFM387N.007	130	35/40	2
TFM387N.008	130	35/40	4
TFM387N.009	160	35/40	4

Squadratura montanti centrali

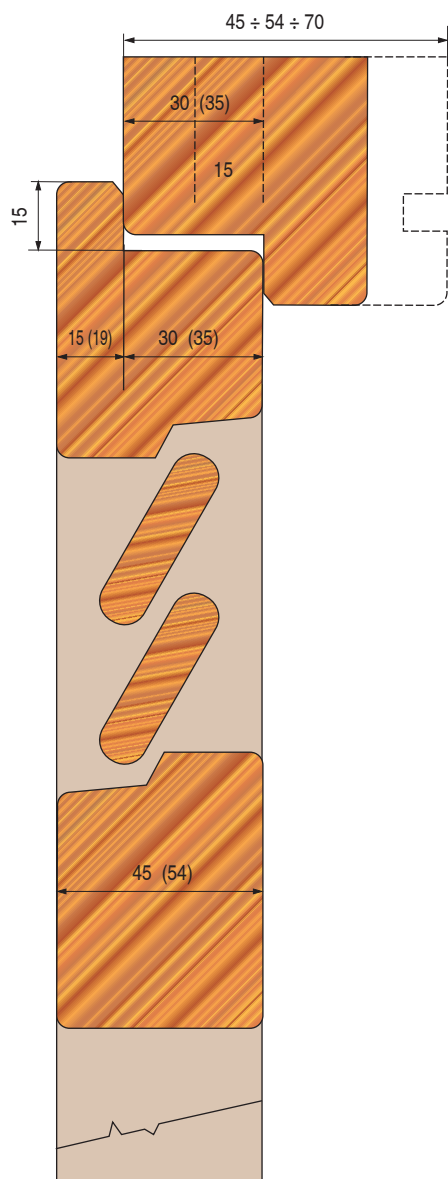
CODICE CODE	D mm	d mm	Z
TFM387N.010	130	35/40	2
TFM387N.011	130	35/40	4
TFM387N.012	160	35/40	4

Squadratura montante centrale sinistro

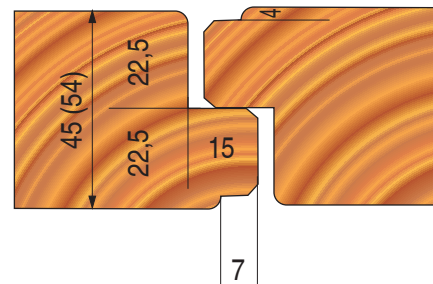
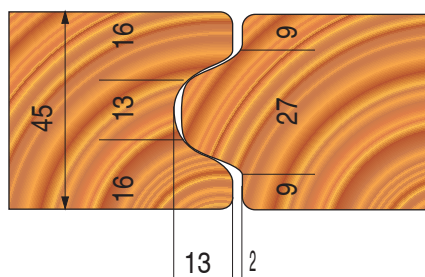
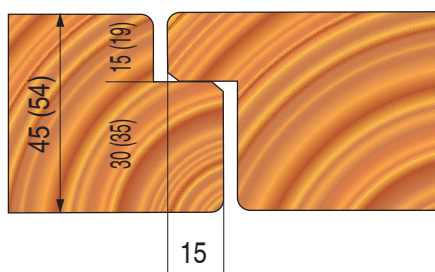
CODICE CODE	D mm	d mm	Z
TFM387N.013	130	35/40	2
TFM387N.014	130	35/40	4
TFM387N.015	160	35/40	4

Squadratura montante centrale destro

CODICE CODE	D mm	d mm	Z
TFM387N.016	130	35/40	2
TFM387N.017	130	35/40	4
TFM387N.018	160	35/40	4



N



TFM388N

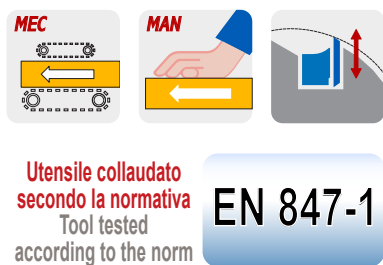
Testa sagomata per stecche di persiane

Cutterhead for slats

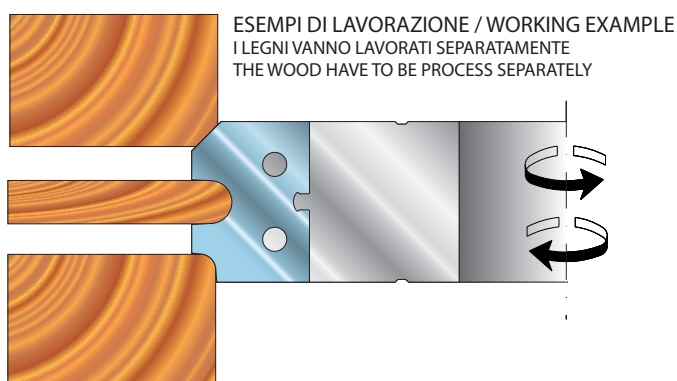


CODICE CODE	D mm	B mm	d mm	Z	Rotazione Rotation
TFM388N.001	140	30	35/40	3	
TFM388N.002	140	30	35/40	3	

RIF.FRESA RIF. TOOL	CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
TFM388N	GRN1DX-SX	VITE / SCREW	M8 - M6	
	OGV1SB	OGIVA / NUT	M8	
	T29SB	CUNEO / WEDGE	29mm	
TFM388N.001	CLT388N/A	COLTELLO / KNIFE	30X25X2 R5	
	CLT388N/B	COLTELLO / KNIFE	30X25X2 R5.5	
	CLT388N/C	COLTELLO / KNIFE	30X25X2 R6	
	CLT388N/D	COLTELLO / KNIFE	30X25X2 R5	
	CLT388N/E	COLTELLO / KNIFE	30X25X2 R5.5	
TFM388N.002	CLT388N/C	COLTELLO / KNIFE	30X25X2 R6	



Un profilo a scelta / A profile to choice



TFM389N

Testa per squadratura montanti centrali

Cutterhead for middle jamb squaring



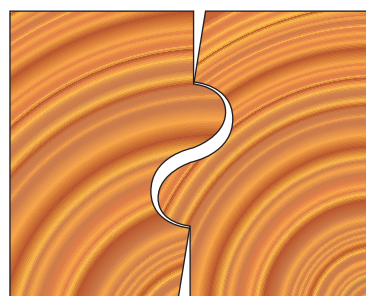
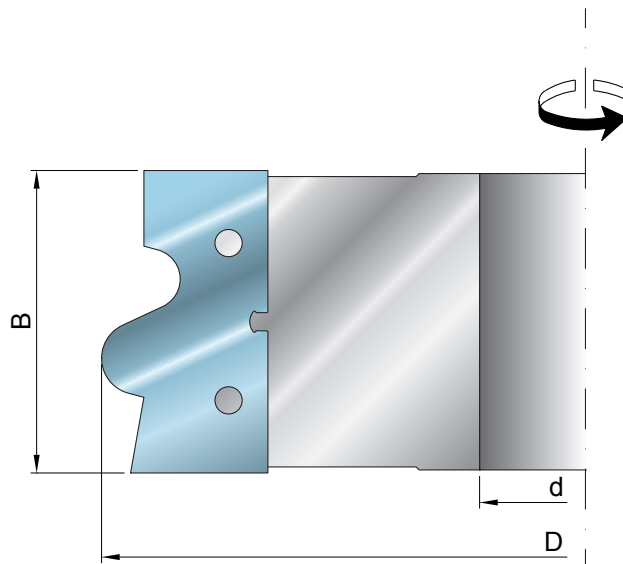
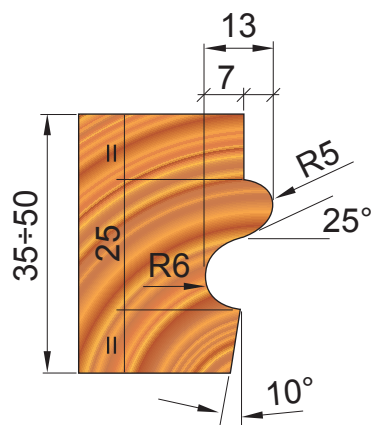
CODICE CODE	D mm	B mm	d mm	Z
TFM389N.001	160	50	35/40	2
TFM389N.002	160	50	35/40	4

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8 - M6	
OGV1SB	OGIVA / NUT	M8	
T49SB	CUNEO / WEDGE	49mm	
CLT389N/A	COLTELLO / KNIFE	50X35X2	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

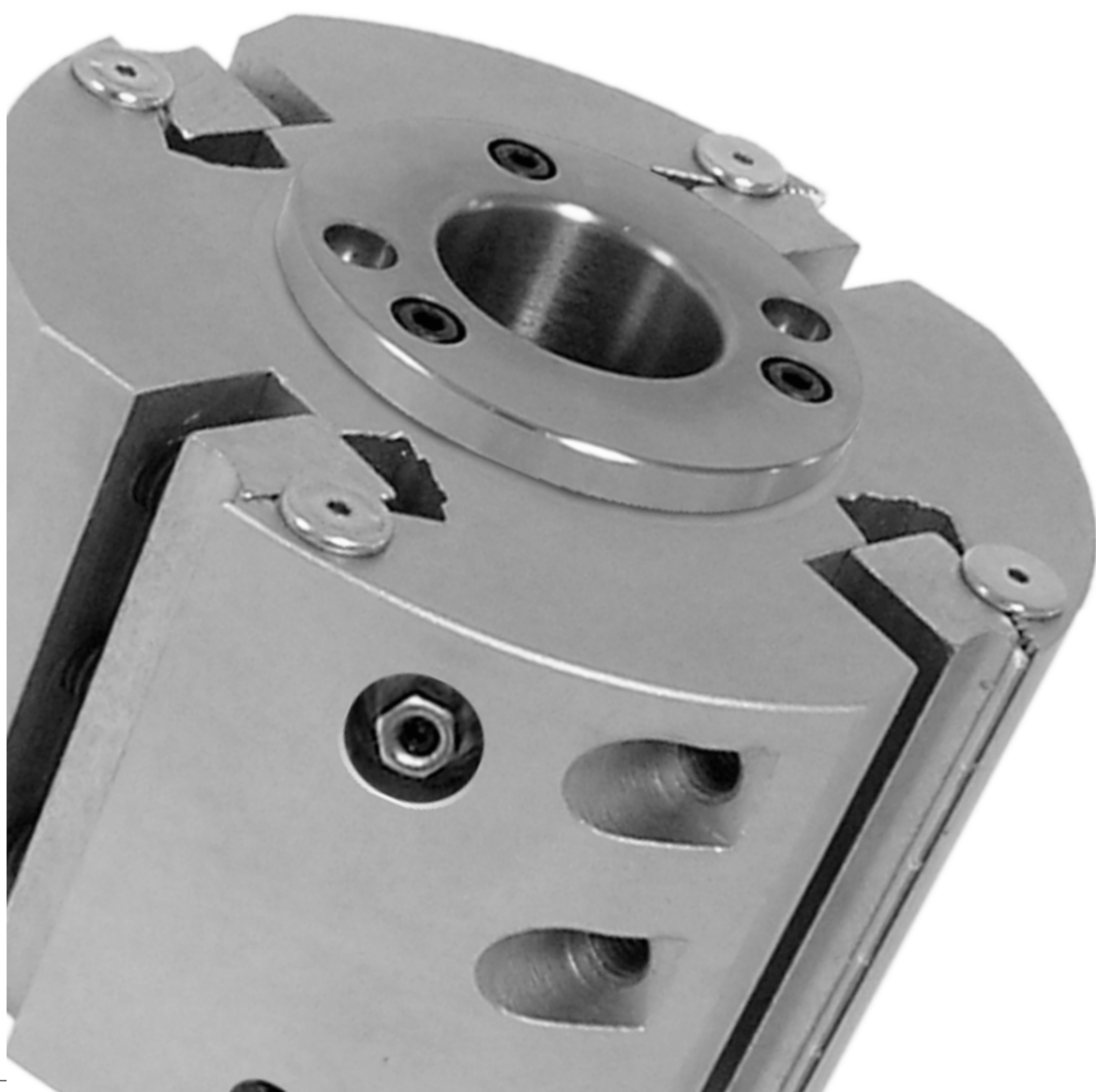


N

CENTERINOX

TESTE A FISSAGGIO MECCANICO PER COLTELLI ZIGRO E A PROFILARE
CUTTERHEADS FOR ZIGRO STEEL KNIVES AND PROFILED KNIVES

SEZIONE 0
SECTION 0





Testa per coltelli zigro sagomati in acciaio **TFM411O**
Cutterhead for zigro steel knives pag.216



Testa a serraggio idraulico per coltelli zigro sagomati **TFM412O**
Hydro system cutterhead with zigro steel knives pag.217



Testa in alluminio per coltelli a profilare **TFM413O**
Aluminium cutterhead for profiled knives pag.218



Testa per coltelli zigro sagomati in acciaio **TFM414O**
Cutterhead for zigro steel knives pag.220

TFM411O

Testa per coltelli zigro sagomati in acciaio

Cutterhead for zigro steel knives

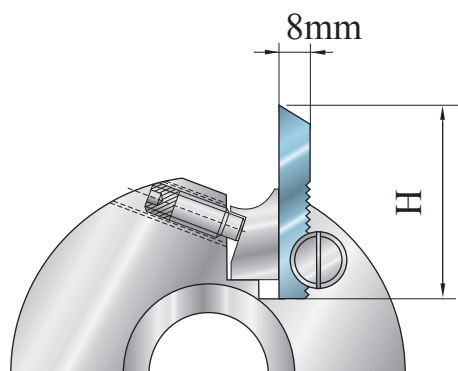


CODICE CODE	D mm	B mm	d mm	Z
TFM411O.001	122	40	35/40	2
TFM411O.002	122	60	35/40	2
TFM411O.003	122	80	35/40	2
TFM411O.004	122	100	35/40	2
TFM411O.005	122	130	35/40	2
TFM411O.006	122	40	35/40	4
TFM411O.007	122	60	35/40	4
TFM411O.008	122	80	35/40	4
TFM411O.009	122	100	35/40	4
TFM411O.010	122	130	35/40	4
TFM411O.011	122	150	35/40	4
TFM411O.012	122	180	35/40	4
TFM411O.013	122	200	35/40	4
TFM411O.014	122	230	35/40	4
TFM411O.015	137	40	35/40/50	4
TFM411O.016	137	60	35/40/50	4
TFM411O.017	137	80	35/40/50	4
TFM411O.018	137	100	35/40/50	4
TFM411O.019	137	130	35/40/50	4
TFM411O.020	137	150	35/40/50	4
TFM411O.021	137	180	35/40/50	4
TFM411O.022	137	200	35/40/50	4
TFM411O.023	137	230	35/40/50	4

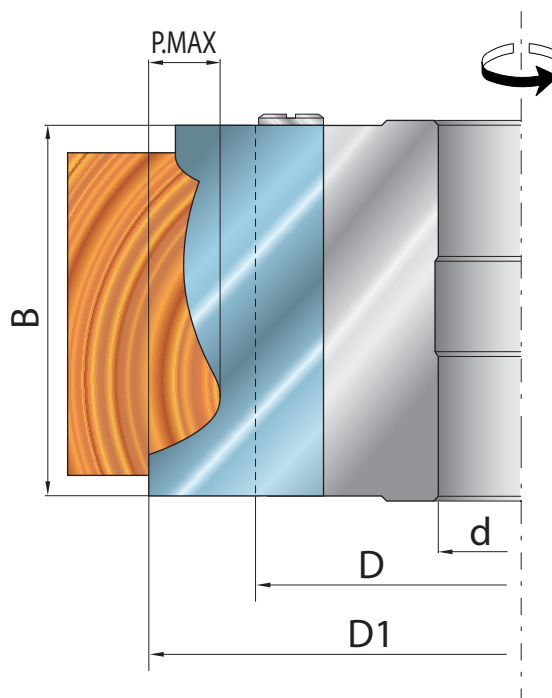


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



H mm	P.MAX mm	D mm	D1 mm
50	12	122	160
50	12	137	175
60	20	122	180
60	20	137	195
70	30	122	200
70	30	137	215



L'utensile viene fornito privo di coltelli / The tool is supplied without knives

TFM4120

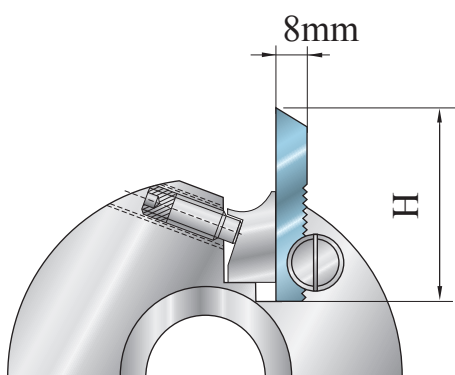
Testa a serraggio idraulico per coltelli zigro sagomati

Hydro system cutterhead with zigro steel knives



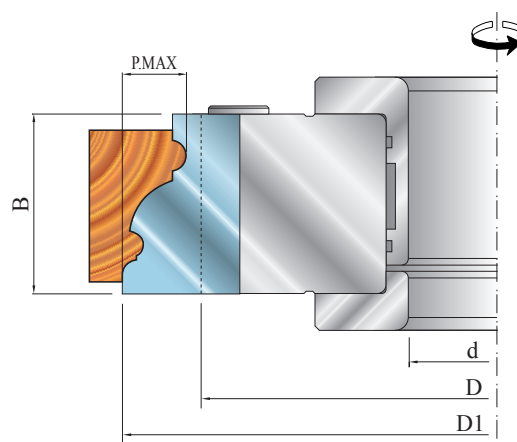
Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

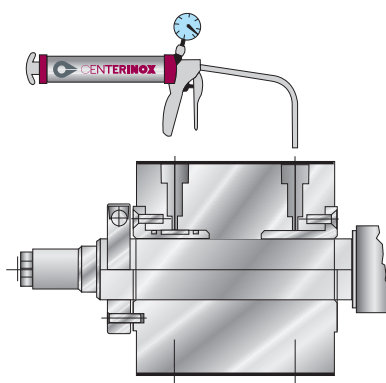


CODICE CODE	D mm	B mm	d mm	Z
TFM4120.001	137	100	35/40	4
TFM4120.002	137	150	35/40	4
TFM4120.003	152	100	35/40	6
TFM4120.004	152	130	35/40	6
TFM4120.005	152	150	35/40	6
TFM4120.006	152	180	35/40	6
TFM4120.007	152	230	35/40	6
TFM4120.008	152	260	35/40	6
TFM4120.009	152	310	35/40	6
TFM4120.010	167	100	35/40	8
TFM4120.011	167	130	35/40	8
TFM4120.012	167	150	35/40	8
TFM4120.013	167	230	35/40	8
TFM4120.014	167	260	35/40	8
TFM4120.015	167	310	35/40	8

L'utensile viene fornito privo di coltelli / The tool is supplied without knives



H mm	P.MAX mm	D mm	D1 mm
50	12	137	175
50	12	152	190
50	12	167	205
60	20	137	195
60	20	152	210
60	20	167	225
70	30	137	215
70	30	152	230
70	30	167	245



TFM4130

Testa in alluminio per coltelli a profilare

Aluminium cutterhead for profiled knives



CODICE CODE	D mm	B mm	d mm	Z
TFM4130.001	140	20	35/40	3
TFM4130.002	140	30	35/40	3
TFM4130.003	140	40	35/40	3
TFM4130.004	140	50	35/40	3
TFM4130.005	140	60	35/40	3
TFM4130.006	140	80	35/40	3
TFM4130.007	160	20	35/40	3
TFM4130.008	160	30	35/40	3
TFM4130.009	160	40	35/40	3
TFM4130.010	160	50	35/40	3
TFM4130.011	160	60	35/40	3
TFM4130.012	160	80	35/40	3

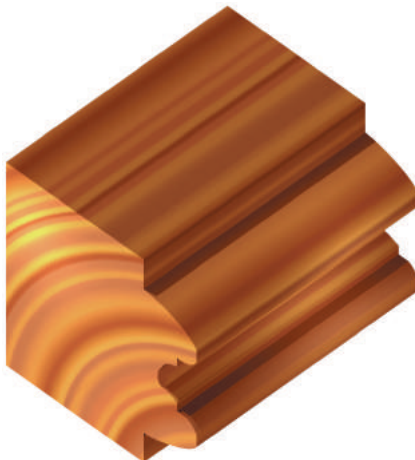
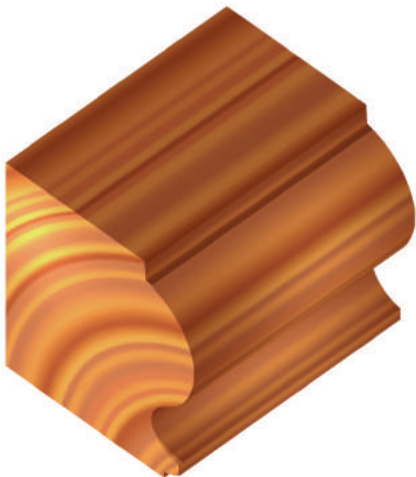
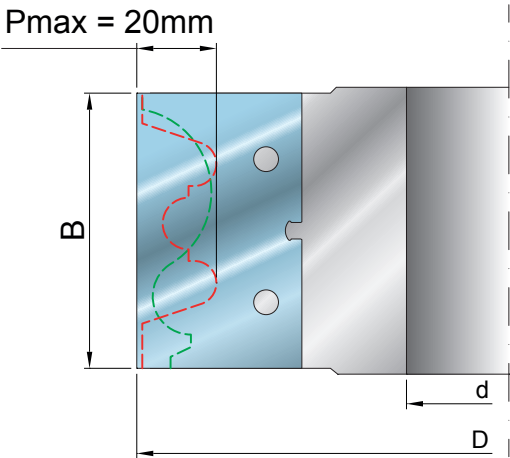
Spessore coltello 2mm / Knife thickness 2mm

Profilatura entro i limiti dell'area P - B / Profilable area into P - B



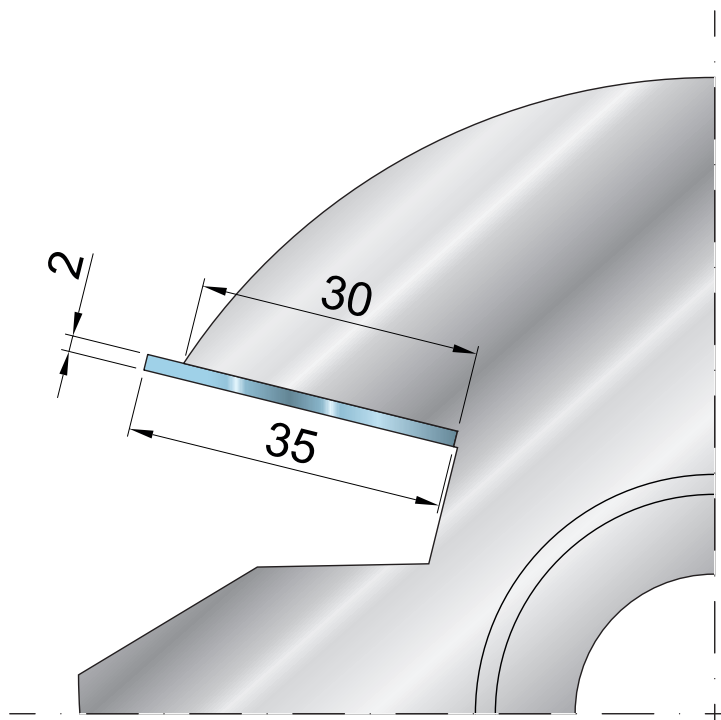
Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



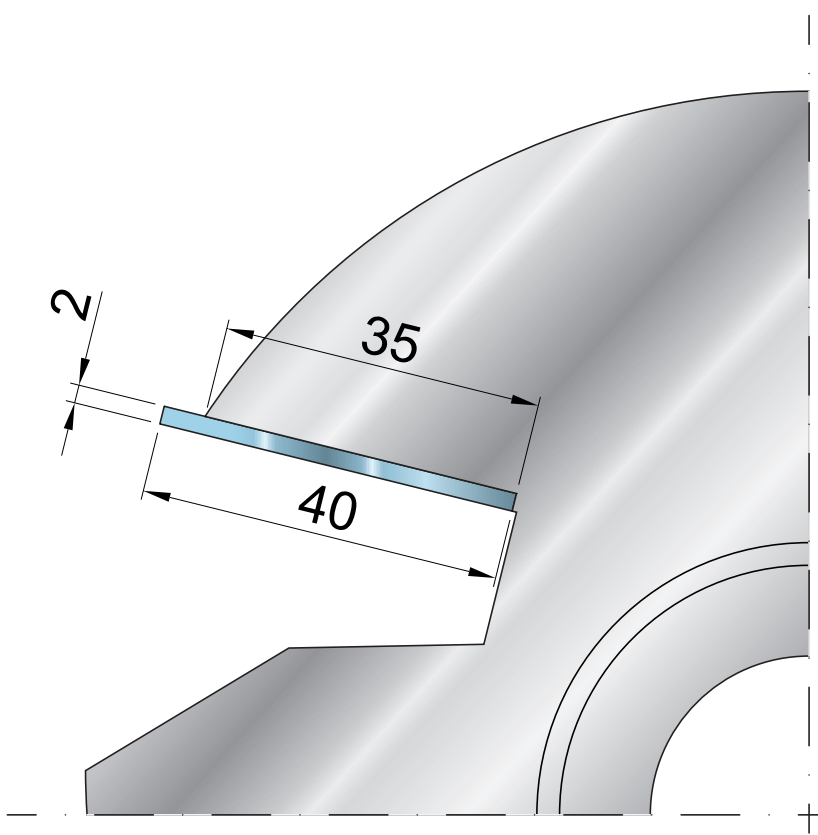
TFM4130

Teste alluminio a profilare Ø 140
Aluminium cutterheads
for profiled knives Ø 140



0

Teste alluminio a profilare Ø 140
Aluminium cutterheads
for profiled knives Ø 140



CENTERINOX

TFM4140

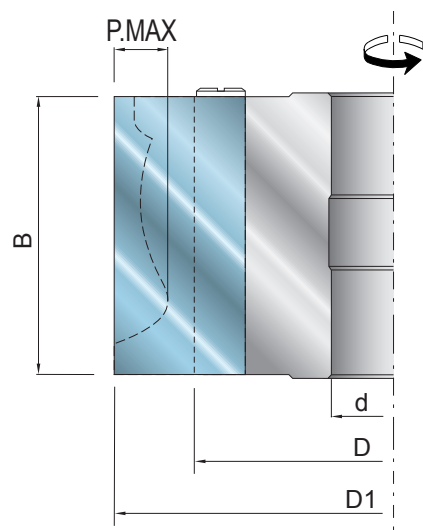
Testa per coltelli zigro sagomati in acciaio

Cutterhead for zigro steel knives



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

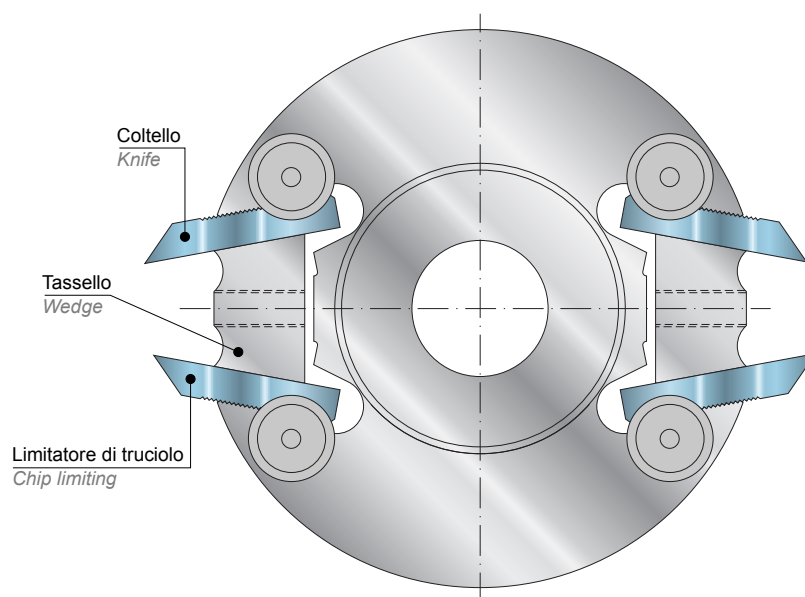
EN 847-1



H mm	P.MAX mm	D mm	D1 mm
50	12	122	160
50	12	137	175
60	20	122	180
60	20	137	195
70	30	122	200
70	30	137	215

CODICE CODE	D mm	B mm	d mm	Z
TFM414O.001	122	25	30/31.75/35/40	2
TFM414O.002	122	30	30/31.75/35/40	2
TFM414O.003	122	40	30/31.75/35/40	2
TFM414O.004	122	50	30/31.75/35/40	2
TFM414O.005	122	55	30/31.75/35/40	2
TFM414O.006	122	60	30/31.75/35/40	2
TFM414O.007	122	80	30/31.75/35/40	2
TFM414O.008	122	100	30/31.75/35/40	2
TFM414O.009	122	120	30/31.75/35/40	2
TFM414O.010	122	130	30/31.75/35/40	2
TFM414O.011	122	150	30/31.75/35/40	2
TFM414O.012	122	160	30/31.75/35/40	2
TFM414O.013	122	180	30/31.75/35/40	2
TFM414O.014	122	25	30/31.75/35/40	2
TFM414O.015	137	30	30/31.75/35/40/50	2
TFM414O.016	137	40	30/31.75/35/40/50	2
TFM414O.017	137	50	30/31.75/35/40/50	2
TFM414O.018	137	55	30/31.75/35/40/50	2
TFM414O.019	137	60	30/31.75/35/40/50	2
TFM414O.020	137	80	30/31.75/35/40/50	2
TFM414O.021	137	100	30/31.75/35/40/50	2
TFM414O.022	137	120	30/31.75/35/40/50	2
TFM414O.023	137	130	30/31.75/35/40/50	2
TFM414O.024	137	150	30/31.75/35/40/50	2
TFM414O.025	137	160	30/31.75/35/40/50	2
TFM414O.026	137	180	30/31.75/35/40/50	2

L'utensile viene fornito privo di coltelli / The tool is supplied without knives



TESTE STONDANTI E PER LAVORAZIONE DI TRAVI
CUTTERHEADS FOR ROUNDED TENONING
AND BEAM PROCESSING

SEZIONE P
SECTION P





Truciolatore CNC elicoidale
CNC helical hogger

TFMSGR1P
pag.224



Testa multitagliente elicoidale per CNC
con rasanti reversibili arrotondati
CNC helical cutterhead with reversible
knives and round edge

TFMSGR2P
pag.225



Truciolatore CNC elicoidale
CNC helical hogger

TFMST1P
pag.226



Testa multitagliente elicoidale per CNC
con rasanti reversibili arrotondati
CNC helical cutterhead with reversible
knives and round edge

TPPST1P
pag.227

TFMSGR1P

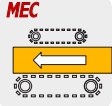
Truciolatore CNC elicoidale

CNC helical hogger

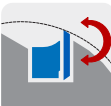


CODICE CODE	D mm	B mm	ATT.	Z	V
TFMSGR1.001	200	63	HSK63-F	4+4	4

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VT014	VITE / SCREW	M7X16	
RSNSGR1	RASANTE / SPUR	21X21X5.5	

MEC


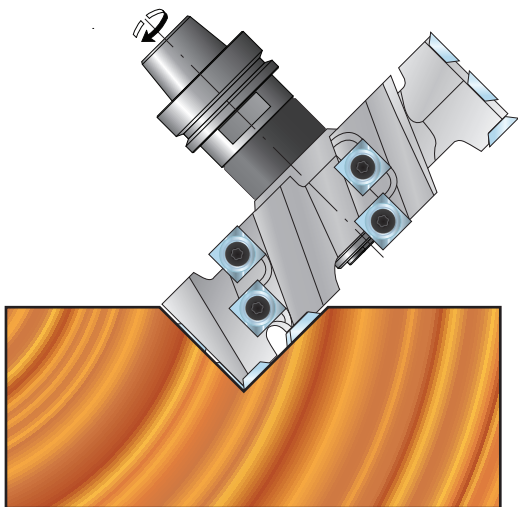
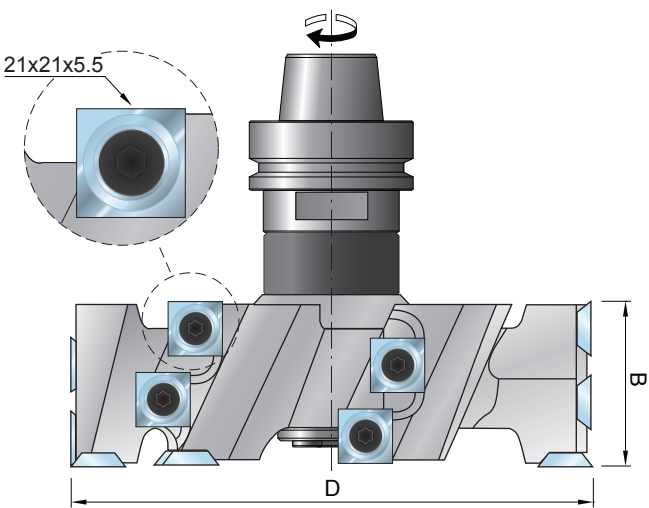
MAN

Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

P



TFMSGR2P

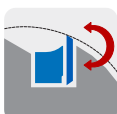
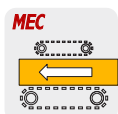
Testa multitagliente elicoidale per CNC con
rasanti reversibili arrotondati

*CNC helical cutterhead with reversible knives
and round edge*



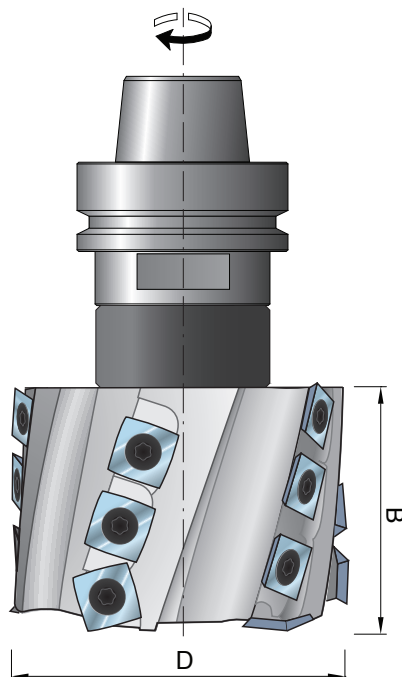
CODICE CODE	D mm	B mm	ATT.	Z	V
TFMSGR2.001	100	63	HSK63-F	6	3

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VT051	VITE / SCREW	M5X12.5	
RSN150	RASANTE / SPUR	15X15X2.5 R150	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



P

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TPPST1P

Testa portacoltelli regolabile per tenonature stondate per pantografo

Adjustable CNC cutter for rounded tenoning



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

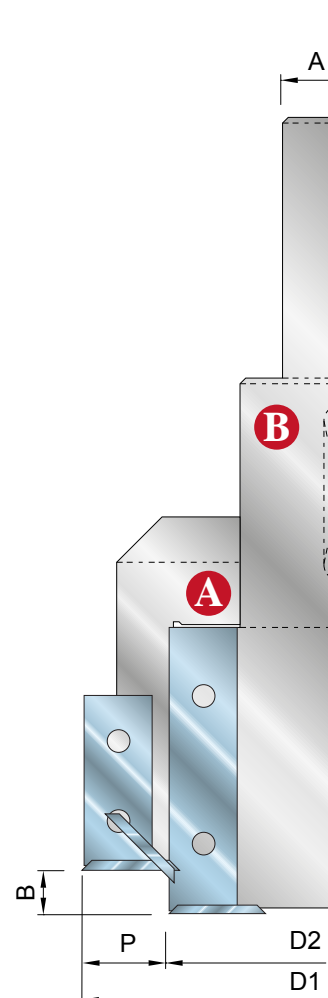
EN 847-1

P



CODICE CODE	D1 mm	D2 mm	B mm	Z	V	P mm
TPPST1.001	90	60	8+32	3+3	6+3	15

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VRS6	VITE / SCREW	M5X7		A-B
RSN2	RASANTE / SPUR	14X14X2		A-B
GRNWR1	VITE / SCREW	M6X10		A
LRWR30	CUNEO / WEDGE	30mm		A
09L30	COLTELLO / KNIFE	30X9X1.5		A
GRN1DX-SX	VITE / SCREW	M8-M6		B
OGV1SB	OGIVA / NUT	M8		B
T49SB	CUNEO / WEDGE	49mm		B
012L50	COLTELLO / KNIFE	50X12X1.5		B



TFMST1P

Testa portacoltelli regolabile per tenonature stondate

Adjustable cutterhead for rounded tenoning



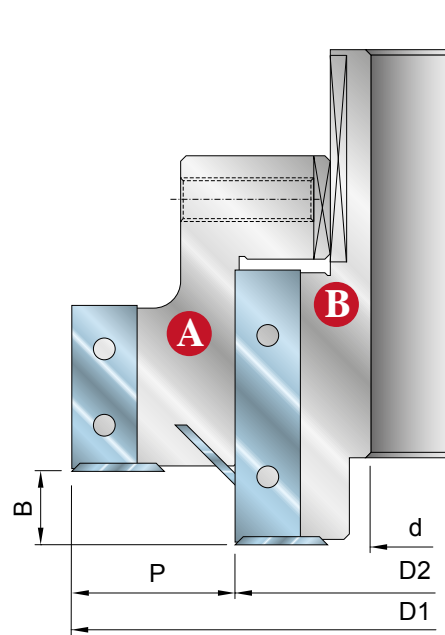
Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



CODICE CODE	D1 mm	D2 mm	B mm	Z	V	P mm
TFMST1.001	140	80	13.5÷32	6+3	3+3	30

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VRS6	VITE / SCREW	M5X7		A-B
RSN2	RASANTE / SPUR	14X14X2		A-B
GRN1DX-SX	VITE / SCREW	M8-M6		A
OGV1SB	OGIVA / NUT	M8		A
T29SB	CUNEO / WEDGE	29mm		A
012L30	COLTELLO / KNIFE	30X12X1.5		A
GRN6	VITE / SCREW	M8X20		B
T49SB	CUNEO / WEDGE	49mm		B
012L50	COLTELLO / KNIFE	50X12X1.5		B



P

CENTERINOX

PUNTE A FISSAGGIO MECCANICO
CNC ROUTER BITS

SEZIONE Q
SECTION Q



Punta portacoltelli dx/sx per contornare / CNC router bit dx/sx for sizing	TPP0Q	pag.230
Punta portacoltelli per forare e contornare / CNC router bit for boring e sizing	TPP01Q	pag.231
Punta portacoltelli per forare e contornare / CNC router bit for boring e sizing	TPP1Q	pag.232
Punta portacoltelli per contornare / CNC router bit for sizing	TTP3Q	pag.233
Punta portacoltelli per battute / CNC router bit for rebates	TPP4Q	pag.234
Punta portacoltelli con supporti mobili per inserti	TPP5Q	pag.235
CNC router bit with mobile supports for inserts		
Punta multitaglianti per sgrossare / CNC router bit for roughing	TPP8Q	pag.236
Punta multitaglianti per sgrossare / CNC router bit for roughing	TPP10Q	pag.237
Punta portacoltelli orientabile / Adjustable router cutter	TPP11Q	pag.238
Punta orientabile multiprofilo / Adjustable multiprofile router cutter	TPP12Q	pag.239
Punta portacoltelli multiprofilo / Multiprofile CNC router bit	TPP15Q	pag.240
Punta portacoltelli per spianare / Planner router bit	TPP16Q	pag.241
Punta regolabile multiprofilo / Adjustable multiprofile CNC router bit	TPP17Q	pag.242
Punta portacoltelli per mezzi tondi / Router bit for half circles	TPP18Q	pag.243
Punta portacoltelli per quarti di tondo / Router bit for quarter circles	TPP19Q	pag.244
Punta per smussi a 45° / CNC router bit for 45° edge	TPP20Q	pag.245
Punta multiprofilo per sagomature / Multiprofile CNC router bit for shaping	TPP21Q	pag.246
Punta multiprofilo per sagomare / Multiprofile CNC router bit for shaping	TPP22Q	pag.247
Punta multiprofilo per sagomare / Multiprofile CNC router bit for shaping	TPP23Q	pag.248
Set di punte sagomate per antine / Set of CNC router bits for cabinets	TPP26Q	pag.249
Set di punte sagomate per antine / Set of CNC router bits for cabinets	TPP27Q	pag.251
Set di punte sagomate per antine / Set of CNC router bits for cabinets	TPP47Q	pag.253
Set di punte sagomate per antine / Set of CNC router bits for cabinets	TPP48Q	pag.255
Set di punte sagomate per antine / Set of CNC router bits for cabinets	TPP49Q	pag.257
Set di punte sagomate per antine / Set of CNC router bits for cabinets	TPP50Q	pag.258
Set di punte sagomate per antine / Set of CNC router bits for cabinets	TPP51Q	pag.259
Set di punte sagomate per antine / Set of CNC router bits for cabinets	TPP52Q	pag.261
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Punta portacoltelli per bordatura / Router bit for edge	TPP33Q	pag.265
Punta portacoltelli per perline / Router bit for paneling	TPP34Q	pag.266
Gruppo regolabile per giunzioni / Adjustable CNC router cutter for joints	TPP35Q	pag.267
Punta multiprofilo per bugne / Multiprofile raised panel router bit	TPP36Q	pag.268
Punta multiprofilo per bugne / Multiprofile raised panel router bit	TPP37Q	pag.269
Punta multiprofilo per bugne / Multiprofile raised panel router bit	TPP38Q	pag.270
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Gruppi per esecuzione di porte / Groups to process doors	TPP40Q	pag.275
Gruppi per sagoma e controsagoma di porte con bugna a infilare	TPP41.1.2Q	pag.279
CNC groups for profile and counterprofile of doors without bead recovery		
Gruppi per sagoma e controsagoma di porte con bugna riportata	TPP41.3.4Q	pag.282
CNC groups for profile and counterprofile of doors with bead recovery		
Gruppo per squadature di porte / CNC group for profile doors frame	TPP42Q	pag.285
Gruppo per sede ferramenta / CNC group for hardware groove	TPP43Q	pag.286
Punta per incisioni Z2 / CNC router bit for engravings Z2	TPP44Q	pag.287
Punta per folding Z1+1 / CNC router nit for folding Z1+1	TPP70Q	pag.288
Punta per folding Z1 / CNC router nit for folding Z1	TPP71Q	pag.289
Punta per incisioni Z1 / CNC router bit for engravings Z1	TPP72Q	pag.290
Punta per incastri a coda di rondine / CNC router bit for dovetail	TPP73Q	pag.291
Punta per guida in alluminio / CNC router bit for aluminium guides	TPP74Q	pag.292
Punta per contornatura di pannelli impiallacciati	TTP75Q	pag.293
CNC router bit for coated panels		
Punta portacoltelli zigrinati da 8mm / Serrated 8mm CNC router bit	TPP76Q	pag.294
Fresa in acciaio antivibrazioni per serratura / Heavy-steel cutter for locks	TPP78Q	pag.295
Punta con coltelli sagomati su carrelli regolabili	TPP79Q	pag.296
Router bit with adjustable profiled knives		

TPP0Q

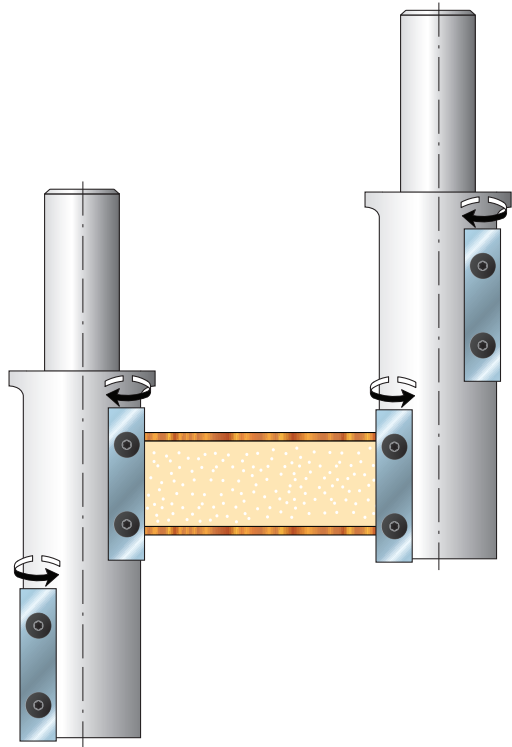
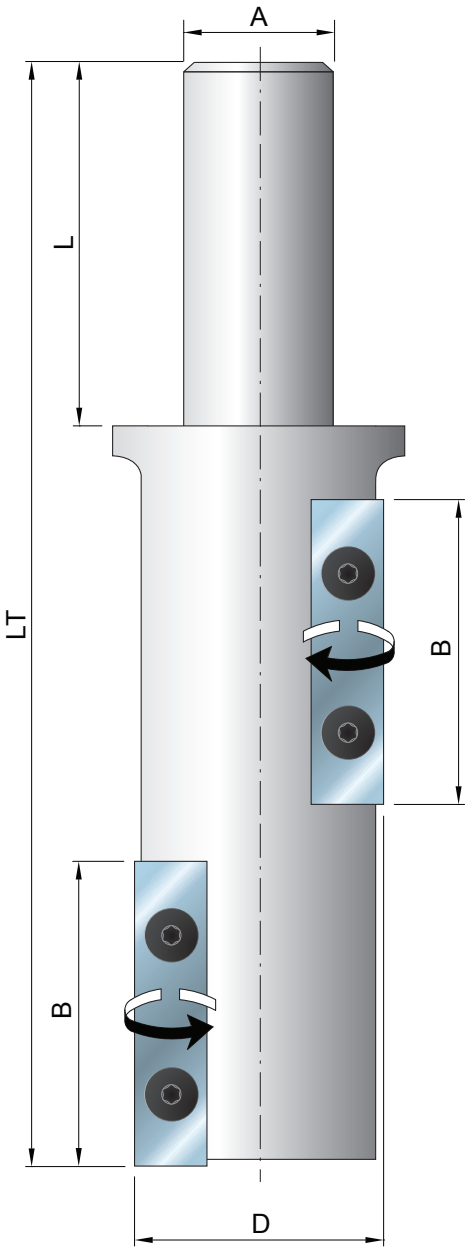
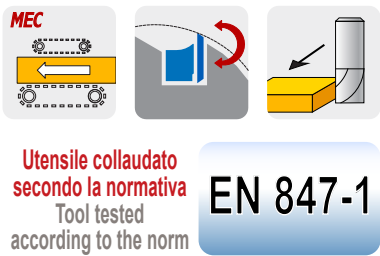
Punta portacoltelli dx/sx per contornare

CNC Router bit dx/sx for sizing



CODICE CODE	D mm	B mm	A / L mm	LT mm	Z
TPP0Q.001	40	30	Ø25X50	127.5	2+2
TPP0Q.002	40	40	Ø25X50	152.5	2+2
TPP0Q.003	40	50	Ø25X50	172.5	2+2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRTX1	VITE / SCREW	M4X6 TORX	
012L30	COLTELLO / KNIFE	30X12X1.5	
012L40	COLTELLO / KNIFE	40X12X1.5	
012L50	COLTELLO / KNIFE	50X12X1.5	



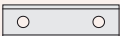
TPP01Q

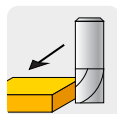
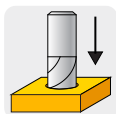
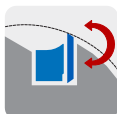
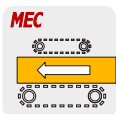
Punta portacoltelli reversibili per forare e contornare

CNC Router bit with reversible knives for drilling and sizing



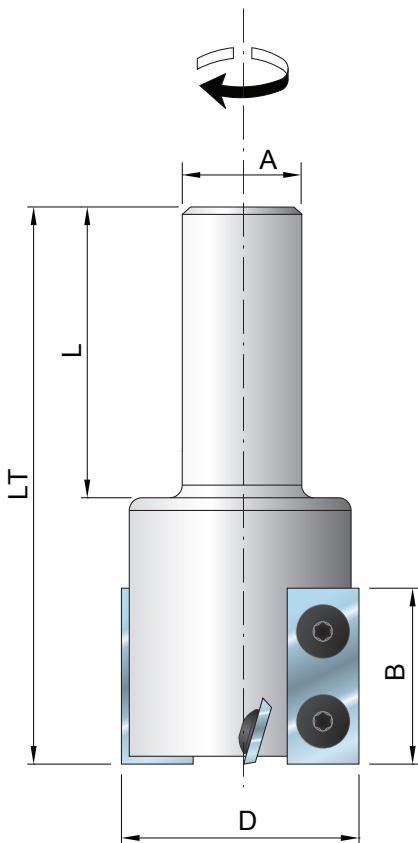
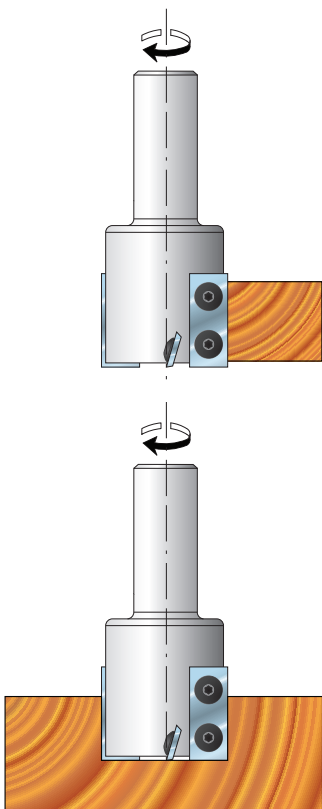
CODICE CODE	D mm	B mm	A / L mm	LT mm	Z
TPP01Q.001	30	40	Ø20X50	97	2+1
TPP01Q.002	35	30	Ø20X50	87	2+1
TPP01Q.003	35	50	Ø20X50	102	2+1
TPP01Q.004	40	30	Ø20X50	87	2+1
TPP01Q.005	40	50	Ø20X50	107	2+1

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRTX2	VITE / SCREW	M3.5X6 TORX	
012L76	COLTELLO / KNIFE	7.6X12X1.5	
VRTX3	VITE / SCREW	M3.5X5 TORX	
012L30	COLTELLO / KNIFE	30X12X1.5	
09L40P	COLTELLO / KNIFE	40X9X1.5	
012L50	COLTELLO / KNIFE	50X12X1.5	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

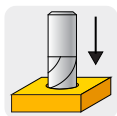
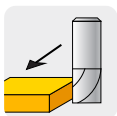
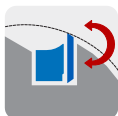
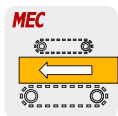
EN 847-1



TPP1Q

Punta portacoltelli per forare e contornare

CNC Router bit for boring e sizing



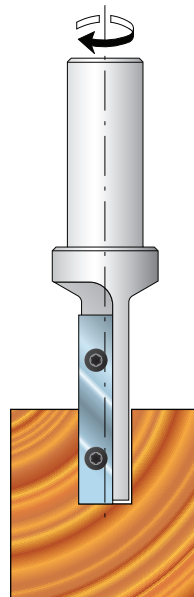
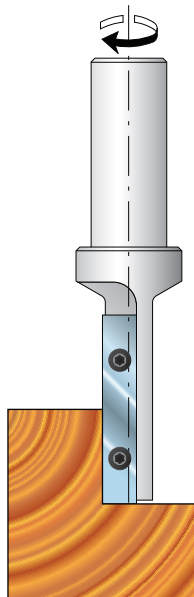
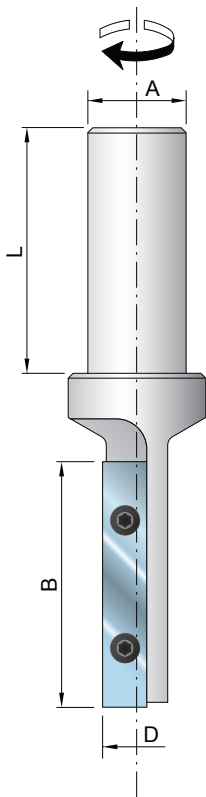
Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	B mm	A / L mm	Z
TPP1Q.001	14	30	Ø20X50	1
TPP1Q.002	14	50	Ø20X50	1
TPP1Q.003	16	30	Ø20X50	1
TPP1Q.004	16	50	Ø20X50	1
TPP1Q.005	18	30	Ø20X50	1
TPP1Q.006	18	50	Ø20X50	1
TPP1Q.007	20	30	Ø20X50	1
TPP1Q.008	20	50	Ø20X50	1
TPP1Q.011	12	30	Ø20X50	1
TPP1Q.012	12	50	Ø20X50	1

RIF.	CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
TPP1Q.001/002	VRTX2	VITE / SCREW	M3.5X6 TORX	
TPP1Q.003/004	09L30P	COLTELLO/KNIFE	30X9X1.5	
TPP1Q.011/012	09L50P	COLTELLO/KNIFE	50X9X1.5	
TPP1Q.005/006	VRTX3	VITE / SCREW	M3.5X5 TORX	
TPP1Q.007/008	012L30P	COLTELLO/KNIFE	30X12X1.5	
	012L30P	COLTELLO/KNIFE	50X12X1.5	

Q



TPP3Q

Punta portacoltelli reversibili per contornare

CNC Router bit with reversible knives for sizing

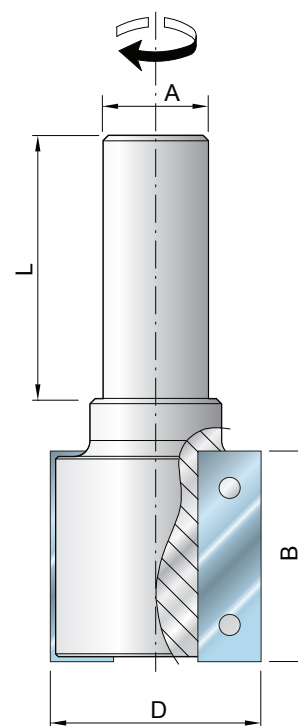
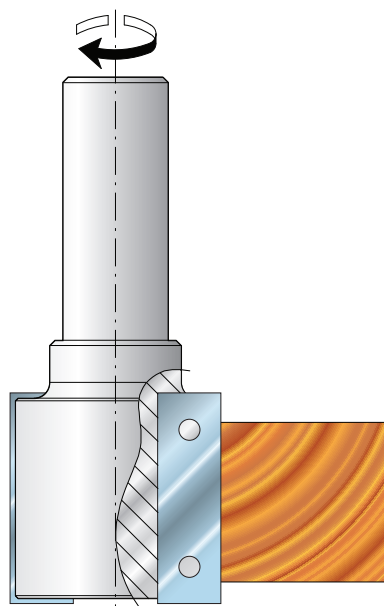


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	B mm	A / L mm	Z
TPP3Q.001	40	30	Ø20X50	2
TPP3Q.002	40	50	Ø20X50	2
TPP3Q.003	60	30	Ø20X50	2
TPP3Q.004	60	50	Ø20X50	2

Rif.	CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
TPP3Q.001/002	GRN3	VITE / SCREW	M8X12	
	LRTR	CUNEO / WEDGE	29mm	
	LRTR	CUNEO / WEDGE	49mm	
	012L30	COLTELLO / KNIFE	30X12X1.5	
	012L50	COLTELLO / KNIFE	50X12X1.5	
TPP3Q.003/004	GRN1DX-SX	VITE / SCREW	M8 - M6	
	OGV1SB	OGIVA / NUT	M8	
	T29SB	CUNEO / WEDGE	29mm	
	T49SB	CUNEO / WEDGE	49mm	
	012L30	COLTELLO / KNIFE	30X12X1.5	
	012L50	COLTELLO / KNIFE	50X12X1.5	



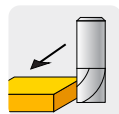
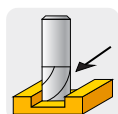
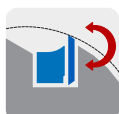
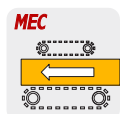
Q

CENTERINOX

TPP4Q

Punta portacoltelli per battute

CNC router bit for rebates

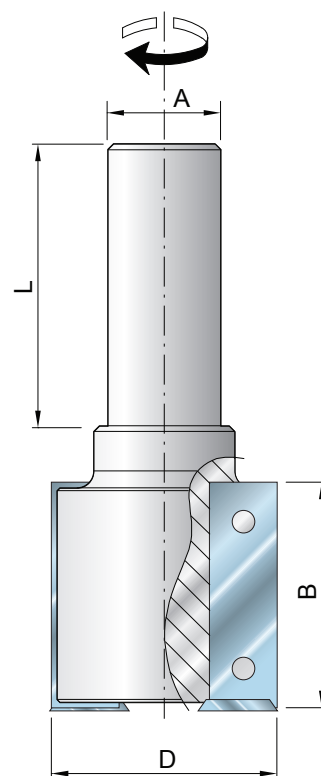
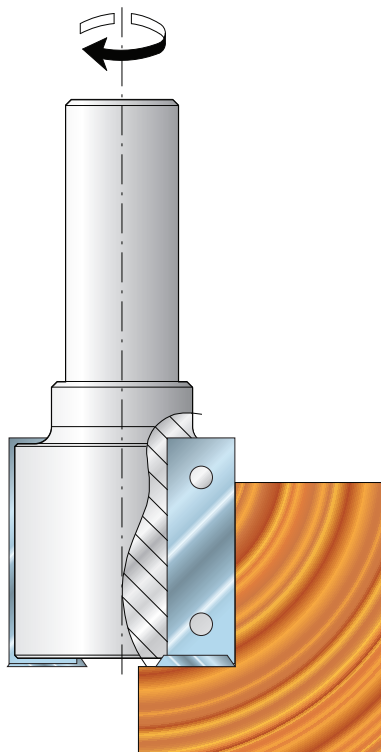


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	B mm	A / L mm	Z	V
TPP4Q.001	40	30	Ø20X50	2	2
TPP4Q.002	40	50	Ø20X50	2	2
TPP4Q.003	60	30	Ø20X50	2	2
TPP4Q.004	60	50	Ø20X50	2	2

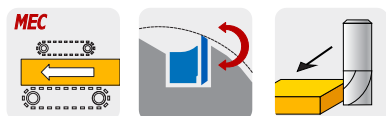
RIF.	CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
TPP4Q.001/002	VRS6	VITE / SCREW	M5X7	
TPP4Q.003/004	RSN2	RASANTE / SPUR	14X14X2	
	GRN3	VITE / SCREW	M8X12	
	LRTR29	CUNEO / WEDGE	29mm	
TPP4Q.001/002	LRTR49	CUNEO / WEDGE	49mm	
	012L30	COLTELLO / KNIFE	30X12X1.5	
	012L50	COLTELLO / KNIFE	50X12X1.5	
	GRN1DX-SX	VITE / SCREW	M8 - M6	
	OGV1SB	OGIVA / NUT	M8	
	T29SB	CUNEO / WEDGE	29mm	
TPP4Q.003/004	T49SB	CUNEO / WEDGE	49mm	
	012L30	COLTELLO / KNIFE	30X12X1.5	
	012L50	COLTELLO / KNIFE	50X12X1.5	



TPP5Q

Punta portacoltelli reversibili con supporti mobili per inserti

Disposable knives straight router bit with mobile supports for inserts

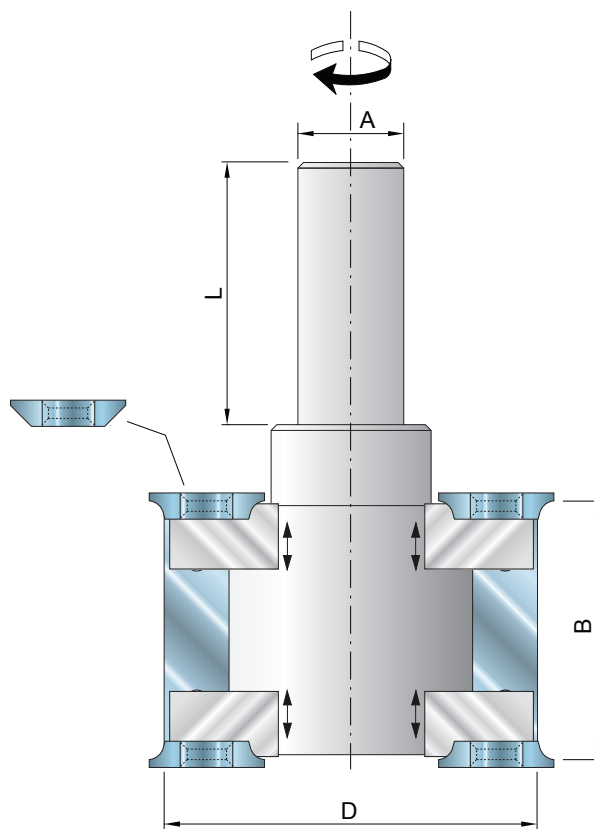
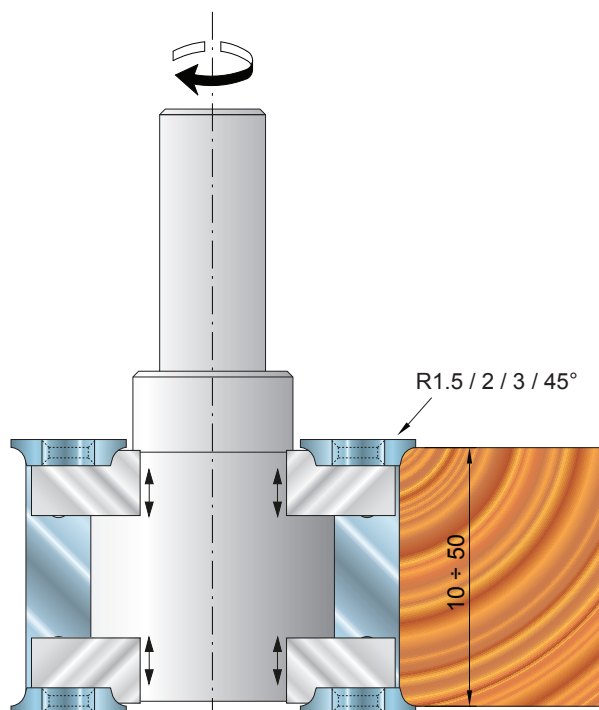


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	B mm	A / L mm	Z	LS
TPP5Q.001	80	30	Ø20X50	2	4
TPP5Q.002	80	50	Ø20X50	2	4

Rif.	CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
TPP5Q	TOR1346	VITE / SCREW	M6X14	
	SPG1	INSERTO/INSERT	45°	
	RGT1-2-3	INSERTO/INSERT	R1.5/2/3/	
	GRN1	VITE / SCREW	M5X10	
	CARRDX	SUPPORTOMOBILE	MOBILE SUPPORT	
	CARRSX	SUPPORTOMOBILE	MOBILE SUPPORT	
TPP5Q.001	GRN1DX-SX	VITE / SCREW	M8 - M6	
	OGV1SB	OGIVA / NUT	M8	
	T29SB	CUNEO / WEDGE	29mm	
	012L30	COLTELLO/KNIFE	30X12X1.5	
TPP5Q.002	GRN1DX-SX	VITE / SCREW	M8 - M6	
	OGV1SB	OGIVA / NUT	M8	
	T49SB	CUNEO / WEDGE	49mm	
	012L50	COLTELLO/KNIFE	50X12X1.5	



CENTERINOX

TPP8Q

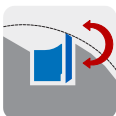
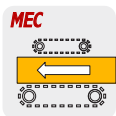
Punta multitagliente per sgrossare

CNC router bit for roughing



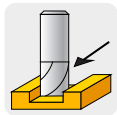
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TPP8Q.001	24	55	Ø20X50	6
TPP8Q.002	24	68	Ø20X50	7

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRTX2	VITE / SCREW	M3.5X6 TORX	
CLP8Q	COLTELLO / KNIFE	10.5X10.5X1.5	

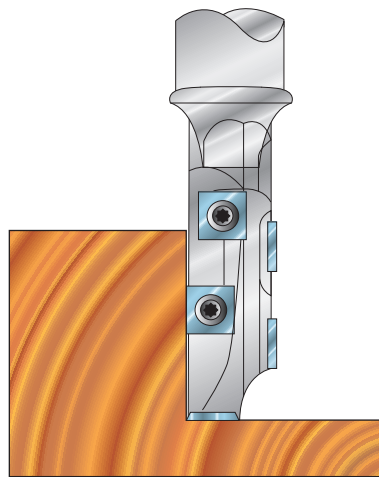
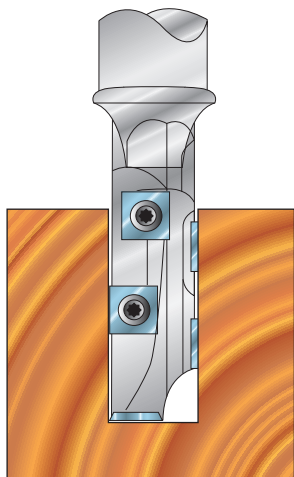
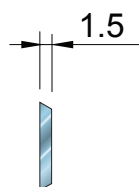
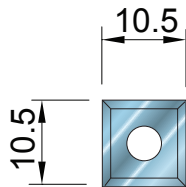
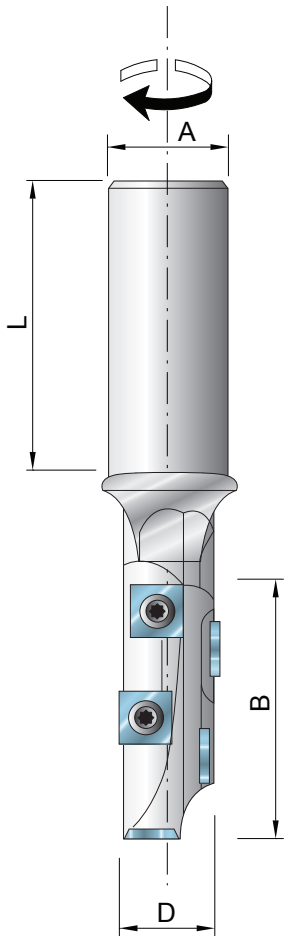


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



Q



TPP10Q

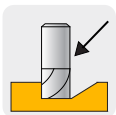
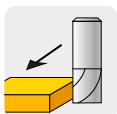
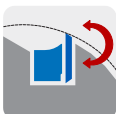
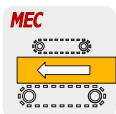
Punta multitaglienti per sgrossare

CNC router bit for roughing



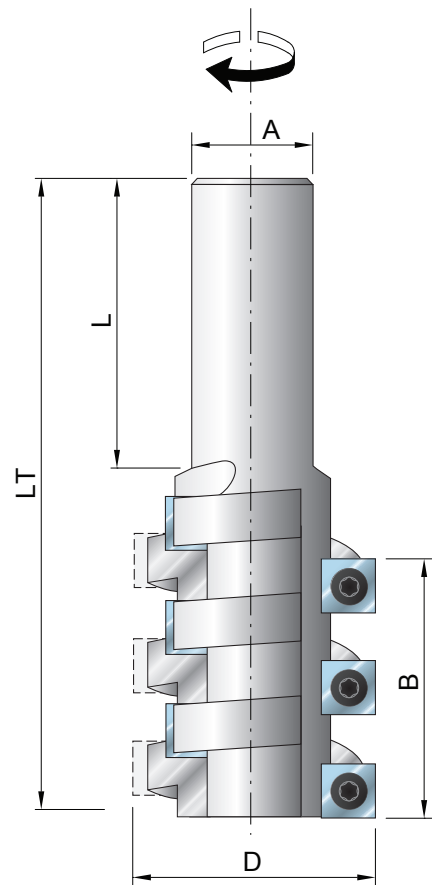
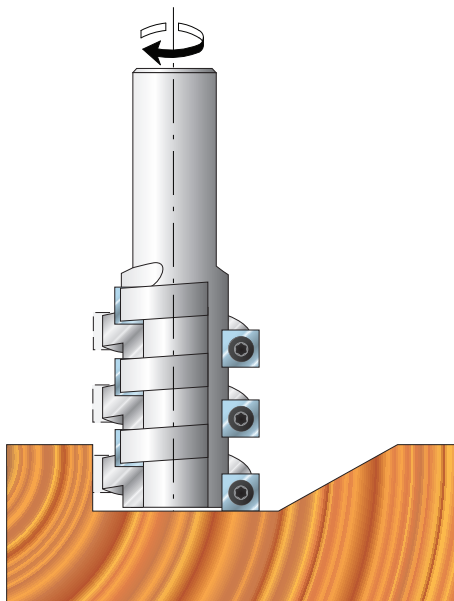
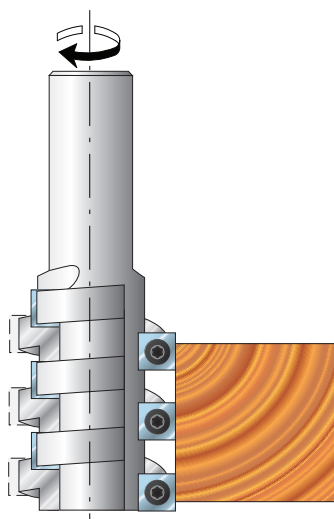
CODICE CODE	D mm	B mm	A / L mm	LT mm	Z
TPP10Q.001	50	74	Ø20X50	133	12
TPP10Q.002	50	86	Ø20X50	145	14
TPP10Q.003	50	62	Ø20X50	121	12

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VTPP10	VITE / SCREW	M6X7 CH.3mm	
CLP10	RASANTE / SPUR	14.3X14.3X2.5	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



Q

TPP11Q

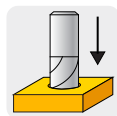
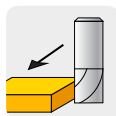
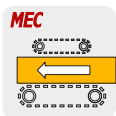
Punta portacoltelli orientabile

Adjustable router cutter



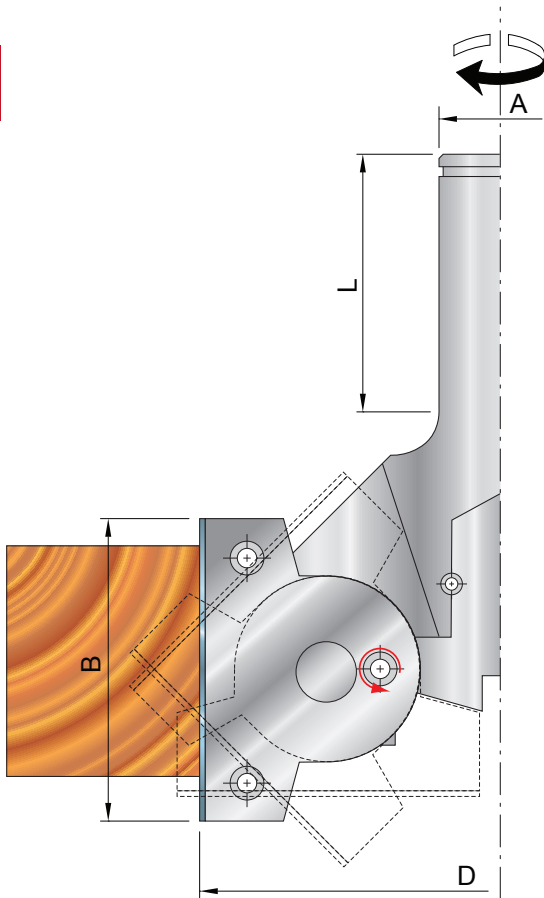
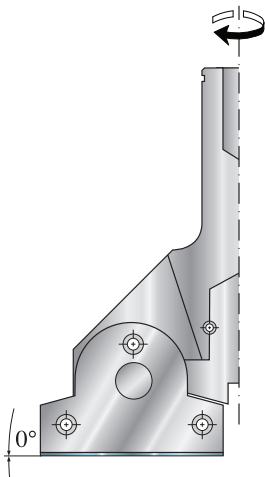
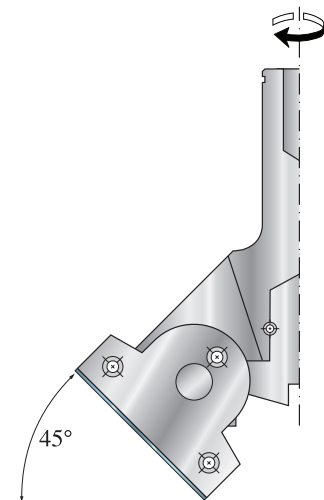
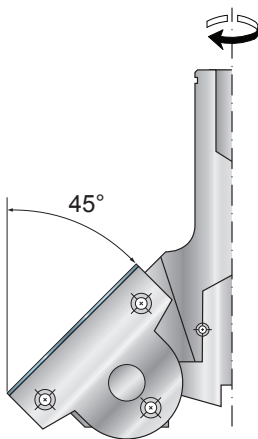
CODICE CODE	D mm	B mm	A / L mm	Z
TPP11Q.001	100	50	Ø20X50	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN5	VITE / SCREW	M6X12	
LRTR02	CUNEO / WEDGE	45mm	
012L50	COLTELLO / KNIFE	50X12X1.5	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



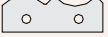
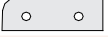
TPP12Q

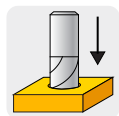
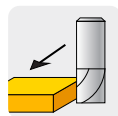
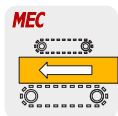
Punta portacoltelli orientabile multiprofilo

Adjustable multiprofile router cutter



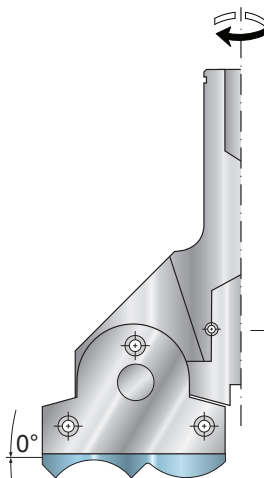
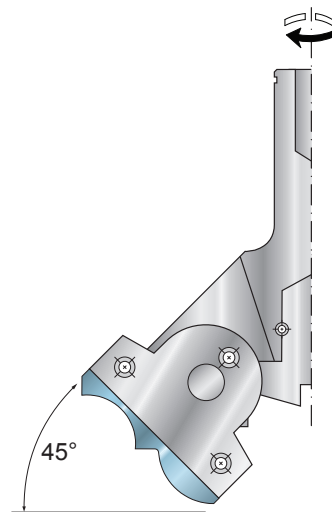
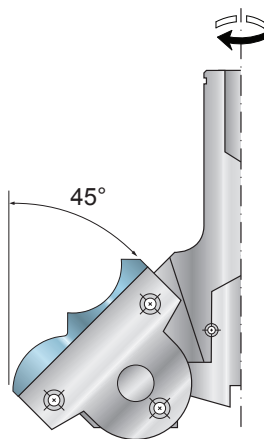
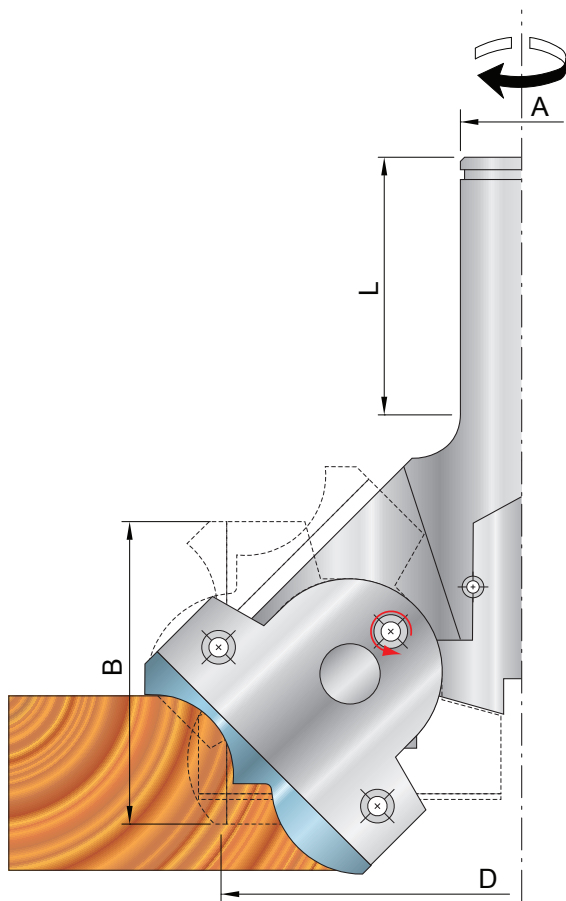
CODICE CODE	D mm	B mm	A / L mm	Z
TPP12Q.001	100	50	Ø20X50	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN5	VITE / SCREW	M6X12	
LRTR02	CUNEO / WEDGE	45mm	
012L50	COLTELLO / KNIFE	50X12X1.5	
CLP12/B	COLTELLO / KNIFE	50X18X2	
CLP12/C	COLTELLO / KNIFE	50X19X2	
CLP12/D	COLTELLO / KNIFE	50X19X2	

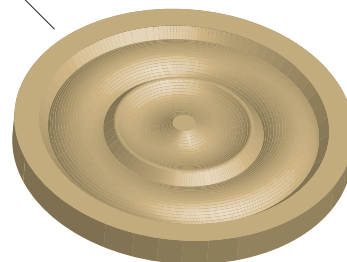


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



Lavorazione con entrata verticale a 0°



Q

CENTERINOX

TPP15Q

Punta portacoltelli multiprofilo

Multiprofile CNC router bit

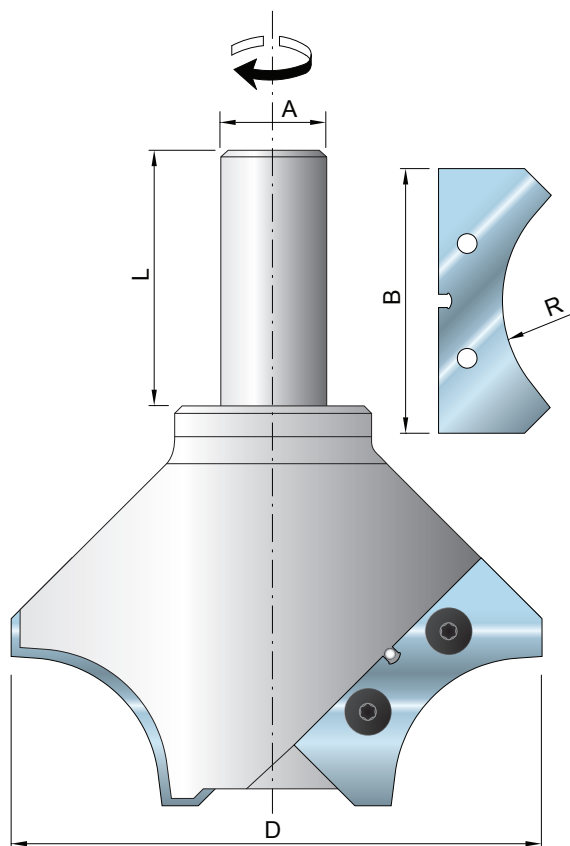


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	B mm	R mm	A / L mm	Z
TPP15Q.001	55	20	8/10	Ø20X50	2
TPP15Q.002	70	30	12/15	Ø20X50	2
TPP15Q.003	85	40	20/25	Ø20X50	2
TPP15Q.004	116	60	30/35	Ø20X50	2
TPP15Q.005	116	60	40/42.5	Ø20X50	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRTX1	VITE / SCREW	M4X6 TORX	
CLP15Q/8	COLTELLO / KNIFE	20X20X2 - R8	
CLP15Q/10	COLTELLO / KNIFE	20X20X2 - R10	
CLP15Q/12	COLTELLO / KNIFE	40X25X2 - R12	
CLP15Q/15	COLTELLO / KNIFE	40X25X2 - R15	
CLP15Q/20	COLTELLO / KNIFE	40X25X2 - R20	
CLP15Q/25	COLTELLO / KNIFE	40X25X2 - R25	
CLP15Q/30	COLTELLO / KNIFE	60X30X2 R30	
CLP15Q/35	COLTELLO / KNIFE	60X30X2 R35	
CLP15Q/40	COLTELLO / KNIFE	60X30X2 R40	
CLP15Q/42.5	COLTELLO / KNIFE	60X30X2 R42.5	



TPP16Q

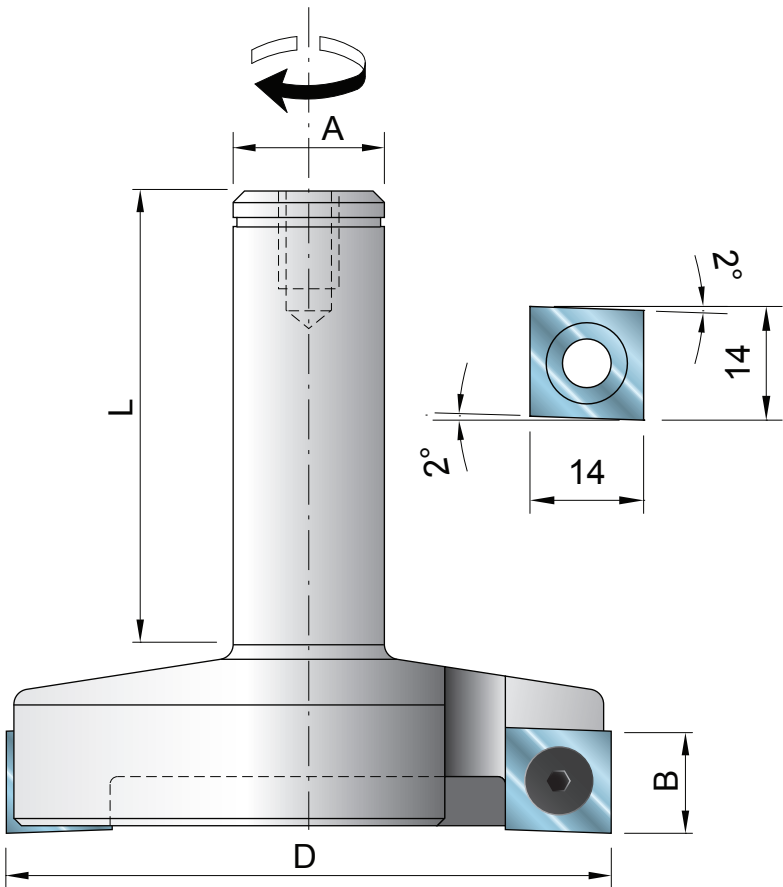
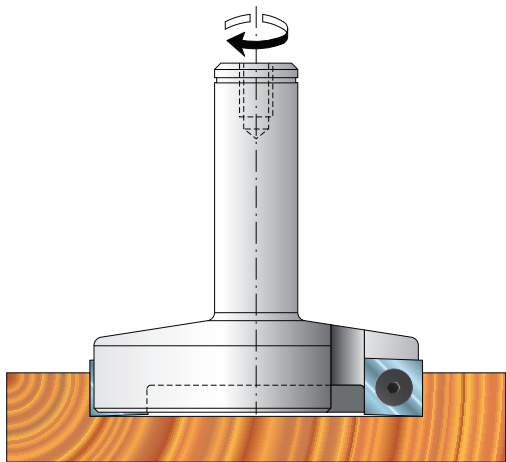
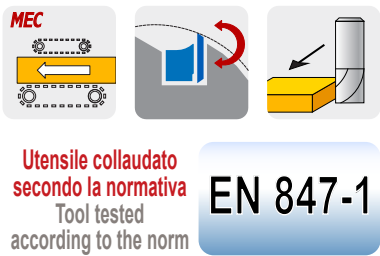
Punta portacoltelli per spianare

Planer router bit



CODICE CODE	D mm	B mm	A / L mm	Z
TPP16Q.001	40	14	Ø20X60	2
TPP16Q.002	70	14	Ø20X60	3
TPP16Q.003	80	14	Ø20X60	3
TPP16Q.004	100	14	Ø20X60	3

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRS6	VITE / SCREW	M5X7	
CLP16 (RSN2 MODIF.)	RASANTE / SPUR	14X14X2 / 2°	



TPP17Q

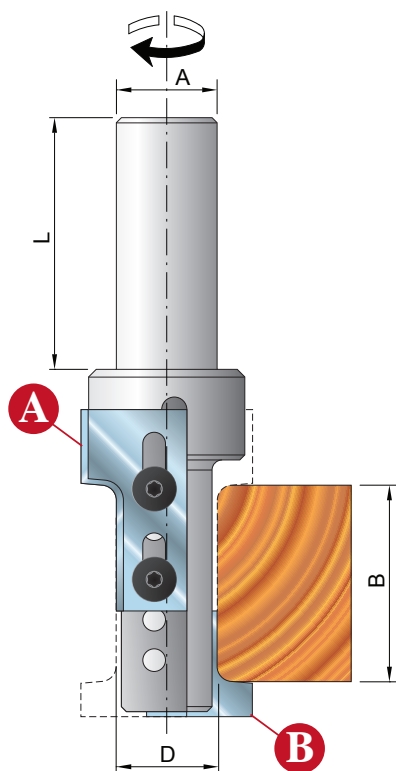
Punta portacoltelli regolabile multiprofilo

Multiprofile CNC Router bit



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



CODICE CODE	D mm	B mm	R mm	A / L mm	Z
TPP17Q.001	20	18÷41	3	Ø20X50	2
TPP17Q.002	20	18÷41	4	Ø20X50	2
TPP17Q.003	20	18÷41	5	Ø20X50	2
TPP17Q.004	20	18÷41	6	Ø20X50	2
TPP17Q.005	20	18÷41	45°	Ø20X50	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRTX1	VITE / SCREW	M4X6 TORX	
CLP17Q/3A	COLTELLO / KNIFE	40X20X2 - R3	
CLP17Q/3B	COLTELLO / KNIFE	40X20X2 - R3	
CLP17Q/4A	COLTELLO / KNIFE	40X20X2 - R4	
CLP17Q/4B	COLTELLO / KNIFE	40X20X2 - R4	
CLP17Q/5A	COLTELLO / KNIFE	40X20X2 - R5	
CLP17Q/5B	COLTELLO / KNIFE	40X20X2 - R5	
CLP17Q/6A	COLTELLO / KNIFE	40X20X2 - R6	
CLP17Q/6B	COLTELLO / KNIFE	40X20X2 - R6	
CLP17Q/45A	COLTELLO / KNIFE	40X20X2 - 45°	
CLP17Q/45B	COLTELLO / KNIFE	40X20X2 - 45°	
Un profilo a scelta / A profile to choice			

TPP18Q

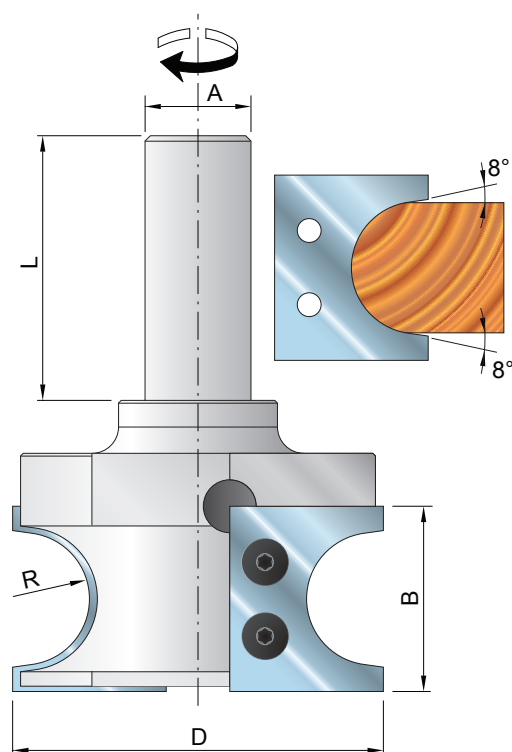
Punta portacoltelli sagomati per mezzi tondi

CNC router bit for half circles



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



CODICE CODE	D mm	B mm	R mm	A / L mm	Z
TPP18Q.001	50	25	6	Ø20X50	2
TPP18Q.002	60	25	8	Ø20X50	2
TPP18Q.003	60	25	9	Ø20X50	2
TPP18Q.004	60	30	10	Ø20X50	2
TPP18Q.005	70	35	12	Ø20X50	2
TPP18Q.006	70	35	12.5	Ø20X50	2
TPP18Q.007	80	40	15	Ø20X50	2
TPP18Q.008	90	50	20	Ø20X50	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRTX1	VITE / SCREW	M4X6 TORX	
CLP18Q/6	COLTELLO / KNIFE	25X25X2 - R6	
CLP18Q/8	COLTELLO / KNIFE	25X25X2 - R8	
CLP18Q/9	COLTELLO / KNIFE	25X25X2 - R9	
CLP18Q/10	COLTELLO / KNIFE	30X25X2 - R10	
CLP18Q/12	COLTELLO / KNIFE	35X30X2 - R12	
CLP18Q/12.5	COLTELLO / KNIFE	35X30X2 - R12.5	
CLP18Q/15	COLTELLO / KNIFE	40X30X2 - R15	
CLP18Q/20	COLTELLO / KNIFE	50X30X2 - R20	

Q

CENTERINOX

TPP19Q

Punta portacoltelli sagomati per quarti di tondo

CNC router bit for quarter circles

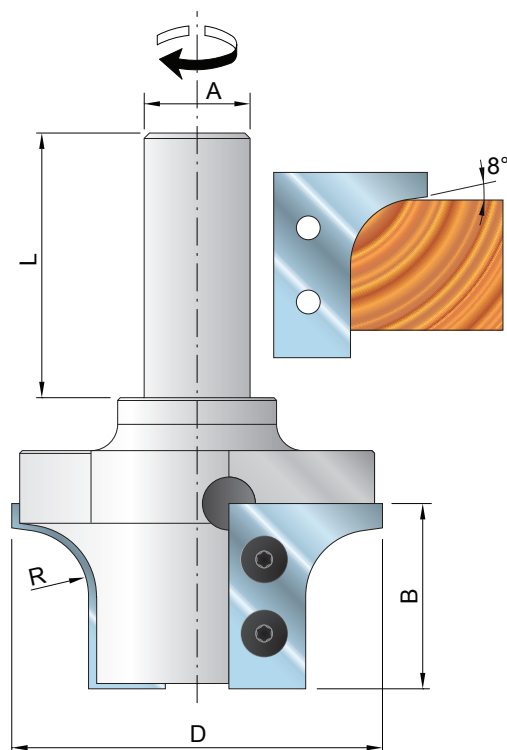


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	B mm	R mm	A / L mm	Z
TPP19Q.001	50	25	6	Ø20X50	2
TPP19Q.002	60	25	8	Ø20X50	2
TPP19Q.003	60	25	9	Ø20X50	2
TPP19Q.004	60	30	10	Ø20X50	2
TPP19Q.005	70	35	12	Ø20X50	2
TPP19Q.006	70	35	12.5	Ø20X50	2
TPP19Q.007	80	40	15	Ø20X50	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRTX1	VITE / SCREW	M4X6 TORX	
CLP19Q/6	COLTELLO / KNIFE	25X25X2 - R6	
CLP19Q/8	COLTELLO / KNIFE	25X25X2 - R8	
CLP19Q/9	COLTELLO / KNIFE	25X25X2 - R9	
CLP19Q/10	COLTELLO / KNIFE	30X25X2 - R10	
CLP19Q/12	COLTELLO / KNIFE	35X30X2 - R12	
CLP19Q/12.5	COLTELLO / KNIFE	35X30X2 - R12.5	
CLP19Q/15	COLTELLO / KNIFE	40X30X2 - R15	



TPP20Q

Punta per smussi a 45°

CNC router bit for 45° edge



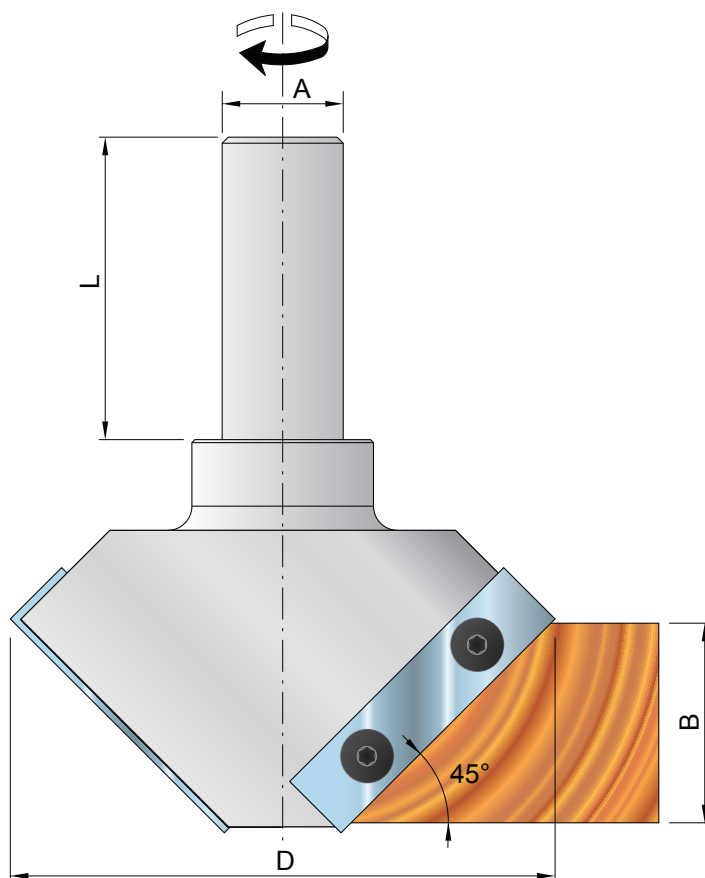
CODICE CODE	D mm	B mm	A / L mm	Z
TPP20Q.001	90	32	Ø20X50	2
TPP20Q.002	104	40	Ø20X50	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRTX1	VITE / SCREW	M4X6 TORX	
CLT16	COLTELLO / KNIFE	50X12X1.5	
CLT17	COLTELLO / KNIFE	60X12X1.5	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



Q

CENTERINOX

TPP21Q

Punta multiprofilo per sagomare

Multi-profile CNC router bit for shaping

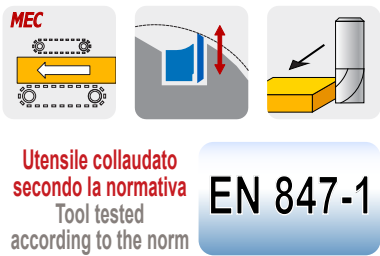


CODICE CODE	D mm	A / L mm	Z
TPP21Q.001	33	Ø20X50	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
VRTX1	VITE / SCREW	M4X6 TORX
CLP21Q/1	COLTELLO/KNIFE	27X20X2
CLP21Q/2	COLTELLO/KNIFE	27X20X2
CLP21Q/3	COLTELLO/KNIFE	27X20X2
CLP21Q/4	COLTELLO/KNIFE	27X20X2
CLP21Q/5	COLTELLO/KNIFE	27X20X2
CLP21Q/6	COLTELLO/KNIFE	27X20X2
CLP21Q/7	COLTELLO/KNIFE	27X20X2
CLP21Q/8	COLTELLO/KNIFE	27X20X2
CLP21Q/9	COLTELLO/KNIFE	27X20X2
CLP21Q/10	COLTELLO/KNIFE	27X20X2
CLP21Q/11	COLTELLO/KNIFE	27X20X2
CLP21Q/12	COLTELLO/KNIFE	27X20X2
CLP21Q/13	COLTELLO/KNIFE	27X20X2
CLP21Q/14	COLTELLO/KNIFE	27X20X2
CLP21Q/15	COLTELLO/KNIFE	27X20X2
CLP21Q/16	COLTELLO/KNIFE	27X20X2



SAGOME DISPONIBILI
IN FIG.1
SHAPES AVAILABLE
IN FIG.1



EN 847-1

Un profilo a scelta / A profile to choice

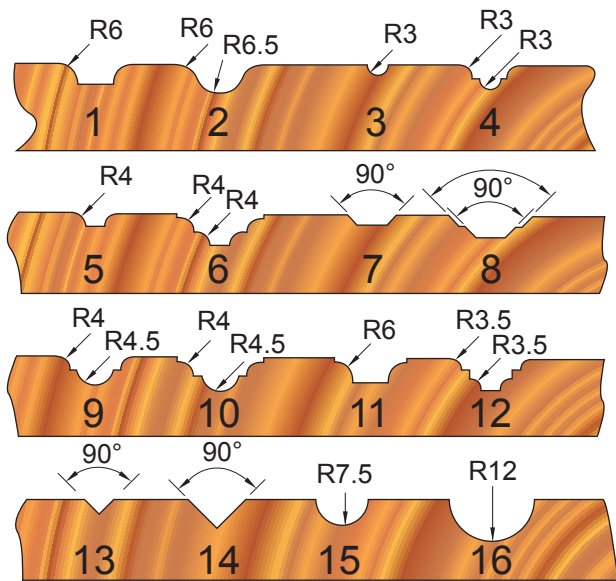
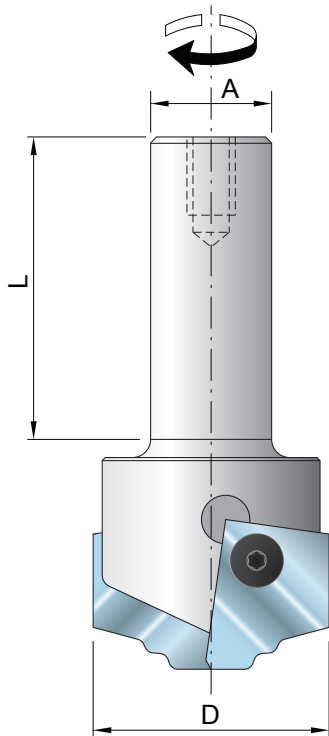
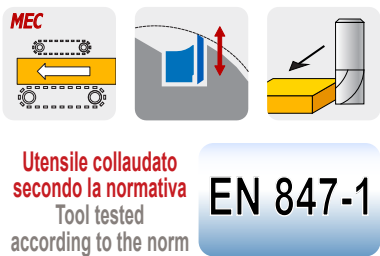


FIG.1

TPP22Q

Punta multiprofilo per sagomare

Multi-profile CNC router bit for shaping



CODICE CODE	D mm	A / L mm	Z
TPP22Q.001	33	Ø20X50	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRTX1	VITE / SCREW	M4X6 TORX	

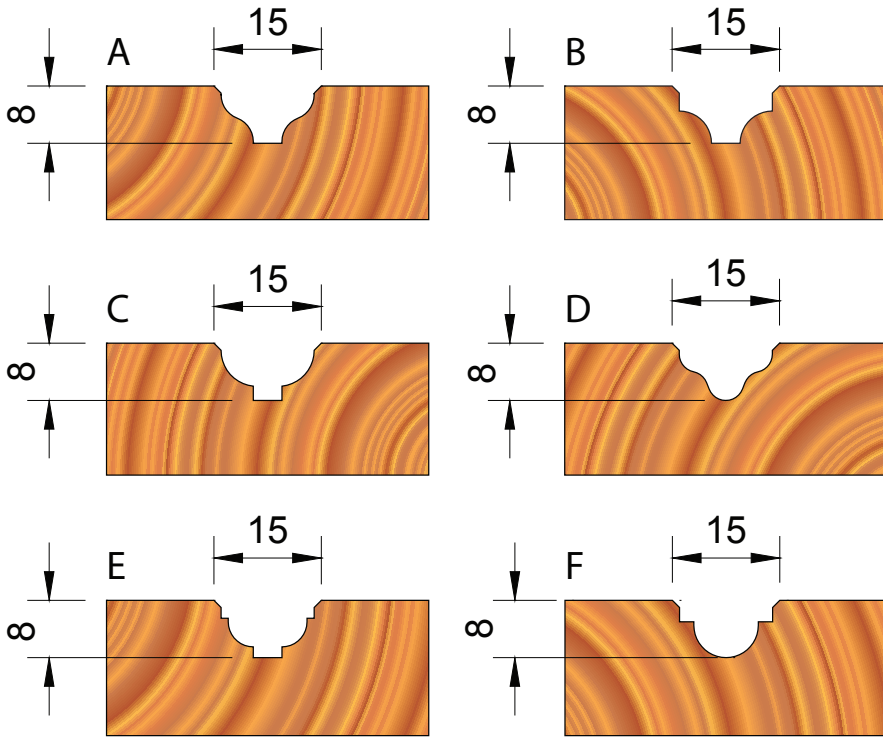
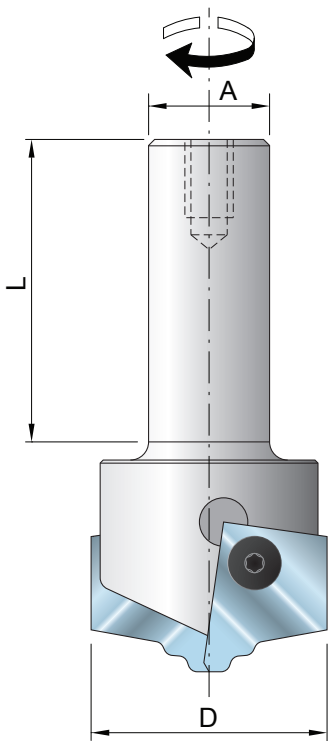


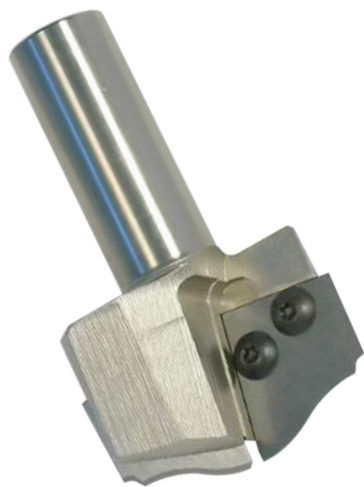
FIG.1



TPP23Q

Punta multiprofilo per sagomare

Multi-profile CNC router bit for shaping



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	A / L mm	Z
TPP23Q.001	52	Ø20X50	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
VRTX1	VITE / SCREW	M4X6 TORX
CLP23Q/A	COLTELLO/KNIFE	30X30X2
CLP23Q/B	COLTELLO/KNIFE	30X30X2
CLP23Q/C	COLTELLO/KNIFE	30X30X2
CLP23Q/D	COLTELLO/KNIFE	30X30X2
CLP23Q/E	COLTELLO/KNIFE	30X30X2
CLP23Q/F	COLTELLO/KNIFE	30X30X2

SAGOME DISPONIBILI
IN FIG.1
SHAPES AVAILABLE
IN FIG.1

Un profilo a scelta / A profile to choice

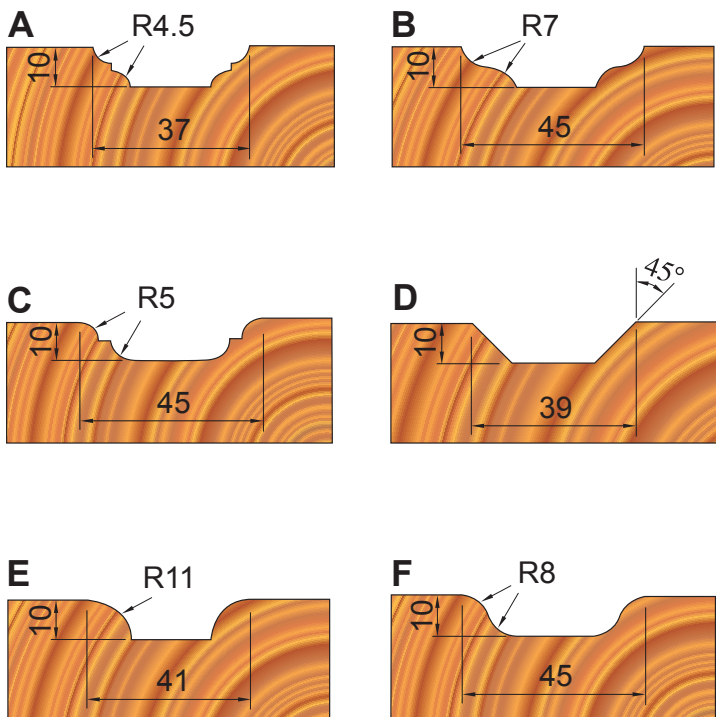
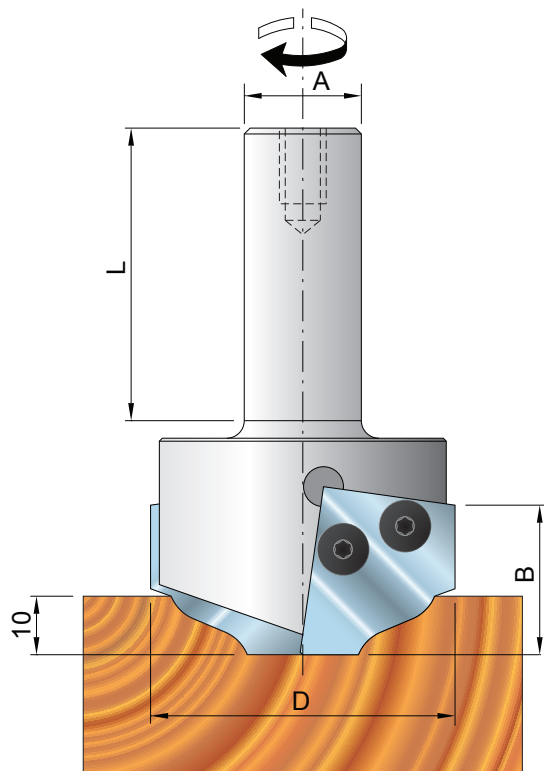
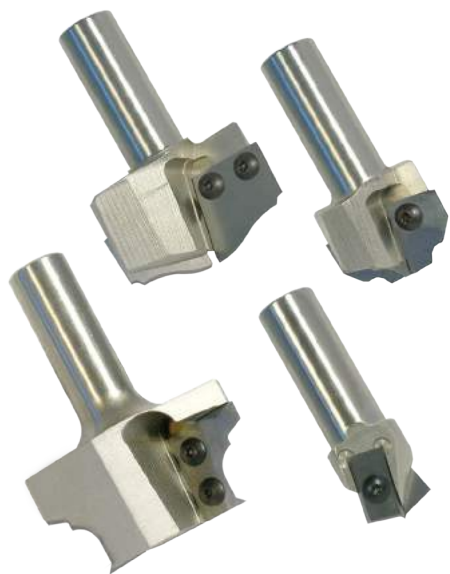


FIG.1

TPP26Q

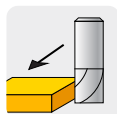
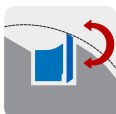
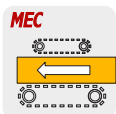
Set di punte sagomate per antine

Set of CNC router bits for cabinets



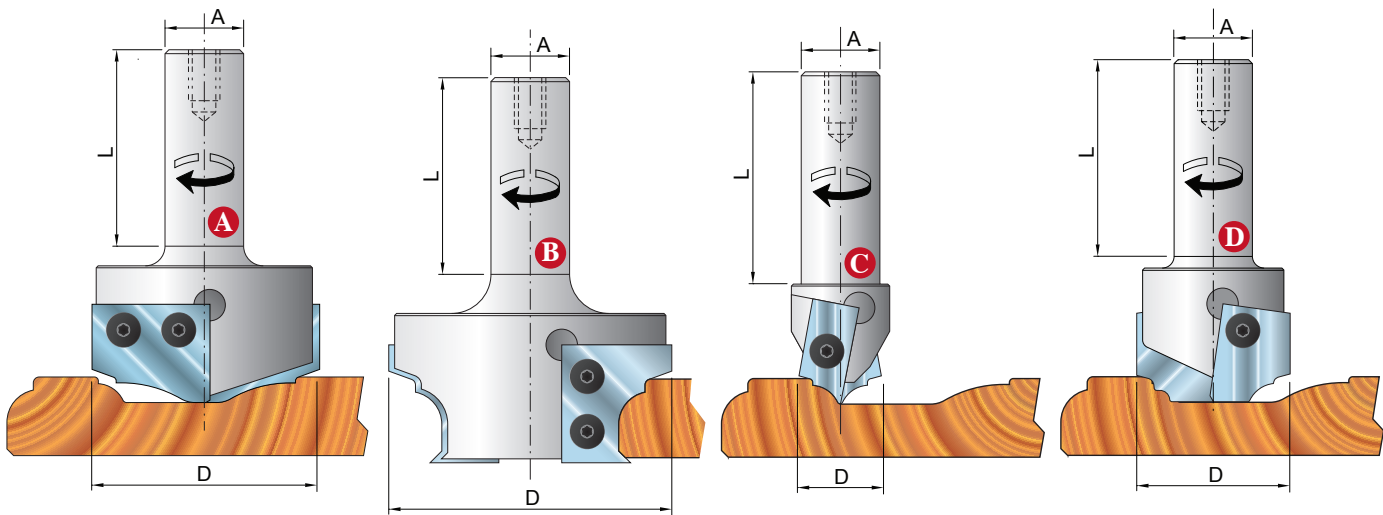
CODICE CODE	D mm	Rif.	A / L mm	Z
TPP26Q.001	57	A	Ø20X50	2
TPP26Q.002	72	B	Ø20X50	2
TPP26Q.003	21	C	Ø20X50	2
TPP26Q.004	37	D	Ø20X50	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			RIF.
VRTX3	VITE / SCREW	M3.5X5 TORX		C
VRTX1	VITE / SCREW	M4X6 TORX		A-B-D
CLP26Q/A	COLTELLO / KNIFE	30X30X2		A
CLP26Q/B	COLTELLO / KNIFE	30X30X2		B
CLP26Q/C	COLTELLO / KNIFE	25X12X1.5		C
CLP26Q/D	COLTELLO / KNIFE	27X20X2		D



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

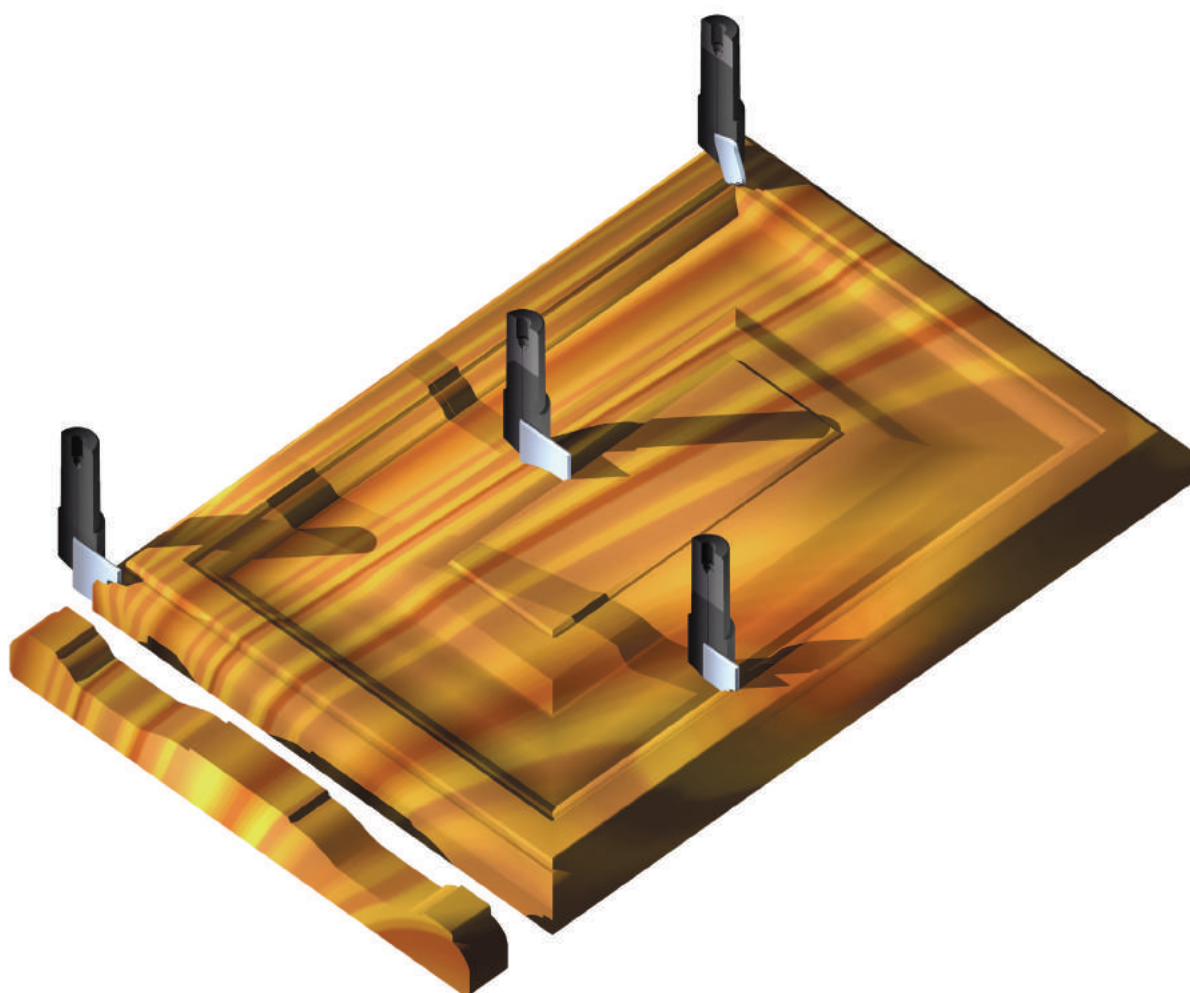
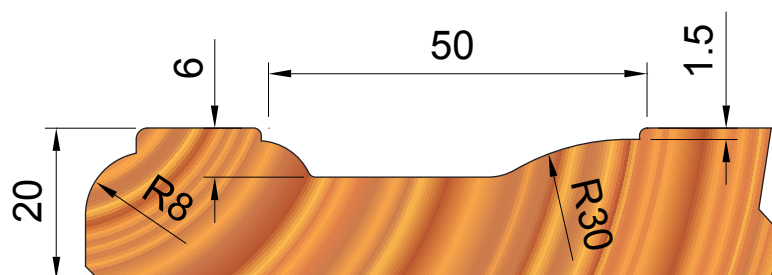
EN 847-1



TPP26Q

Set di punte sagomate per antine

Set of CNC router bits for cabinets



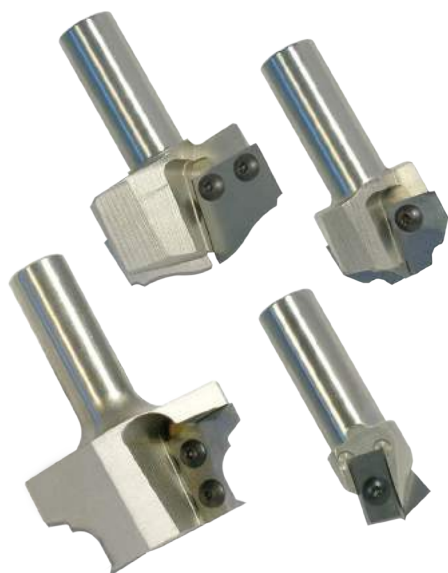
Q

CENTERINOX

TPP27Q

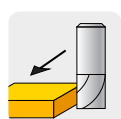
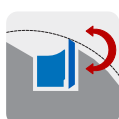
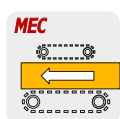
Set di punte sagomate per antine

Set of CNC router bits for cabinets



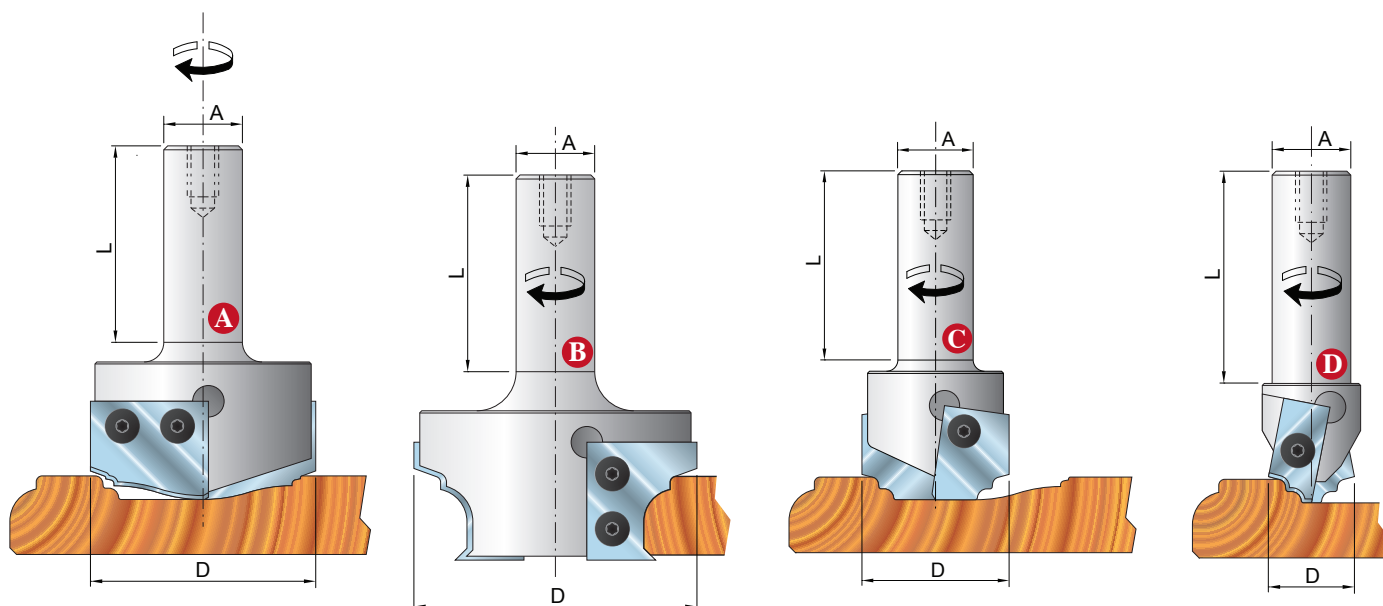
CODICE CODE	D mm	Rif.	A / L mm	Z
TPP27Q.001	57	A	Ø20X50	2
TPP27Q.002	72	B	Ø20X50	2
TPP27Q.003	21	C	Ø20X50	2
TPP27Q.004	37	D	Ø20X50	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			RIF.
VRTX3	VITE / SCREW	M3.5X5 TORX		D
VRTX1	VITE / SCREW	M4X6 TORX		A-B-C
CLP27Q/A	COLTELLO / KNIFE	30X30X2		A
CLP27Q/B	COLTELLO / KNIFE	30X30X2		B
CLP27Q/C	COLTELLO / KNIFE	25X12X1.5		D
CLP27Q/D	COLTELLO / KNIFE	27X20X2		C



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



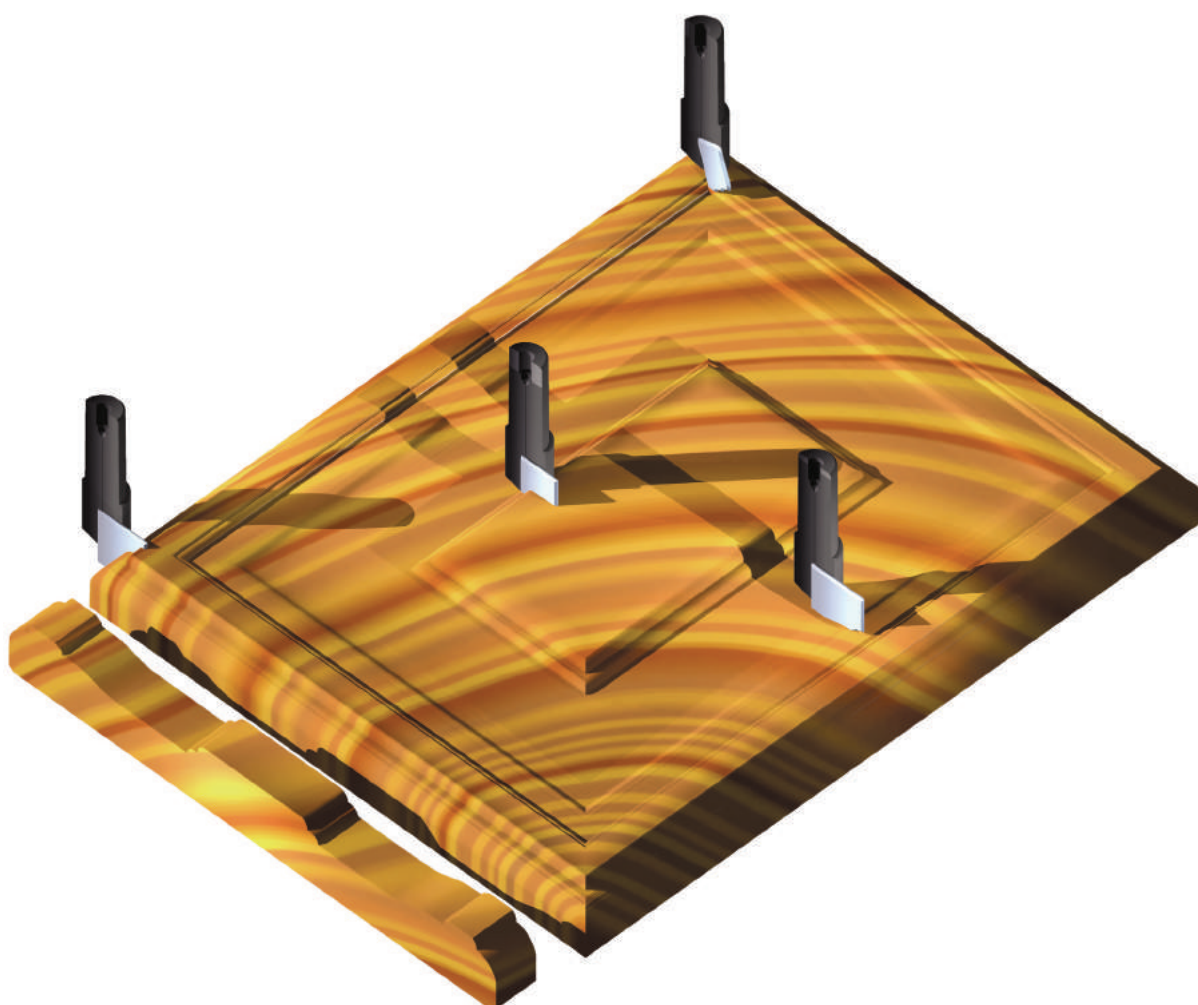
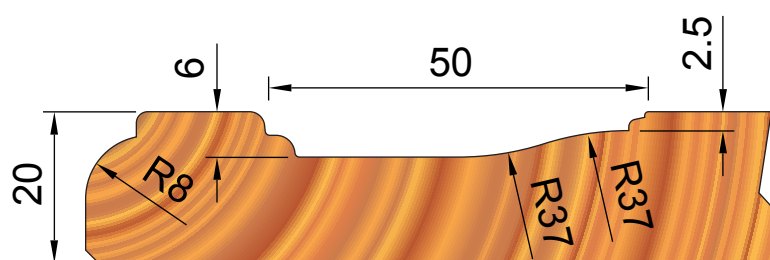
Q

CENTERINOX

TPP27Q

Set di punte sagomate per antine

Set of CNC router bits for cabinets



Q

TPP47Q

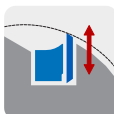
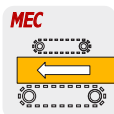
Set di punte sagomate per antine

Set of CNC router bits for cabinets



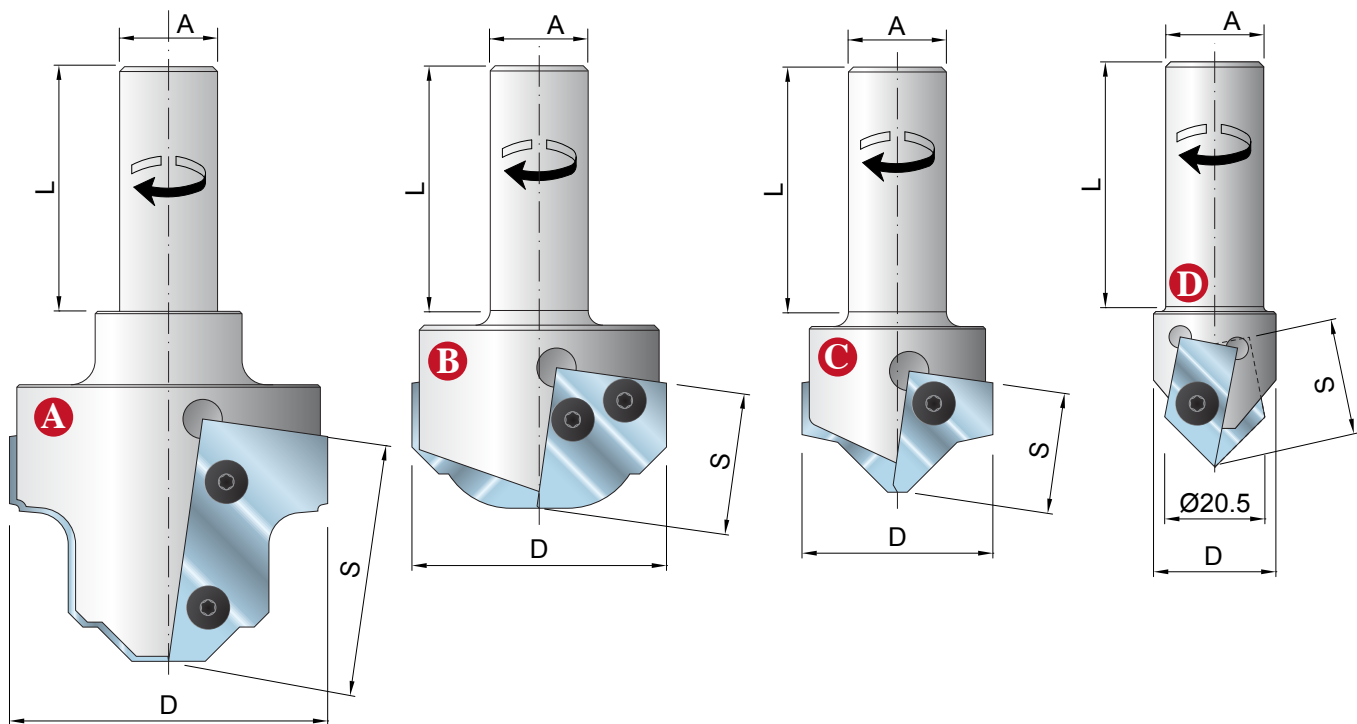
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TPP47Q.002	52	30	20X50	2	B
TPP47Q.003	39	25	20X50	2	C
TPP47Q.004	20.5	25	20X50	2	D

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VRTX3	VITE / SCREW	M3.5X5		D
VRTX1	VITE / SCREW	M4X6		A-B-C
CLP47Q.001	COLTELLO/KNIFE	50X30X2		A
CLP47Q.002	COLTELLO/KNIFE	30X30X2		B
CLP47Q.003	COLTELLO/KNIFE	27X20X2		C
CLP47Q.004	COLTELLO/KNIFE	25X12X1.5		D



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



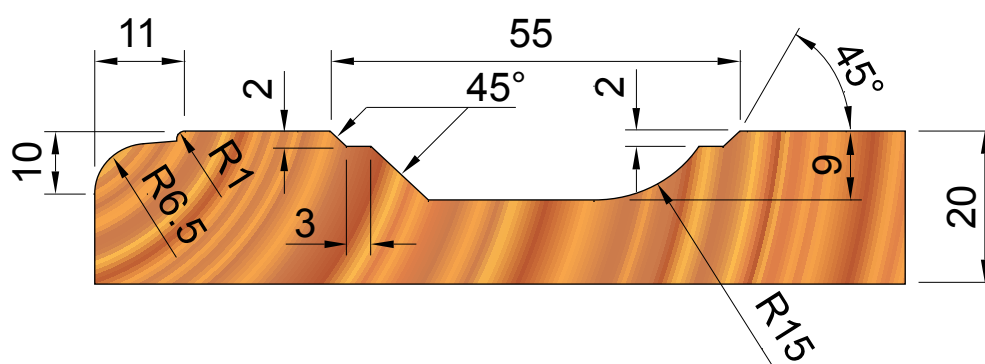
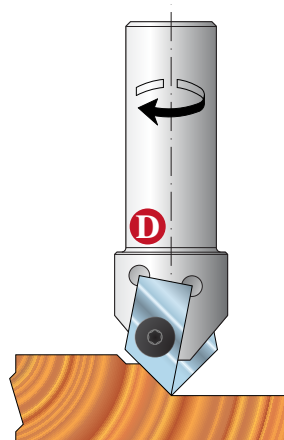
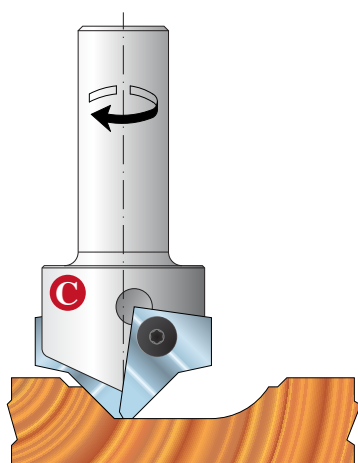
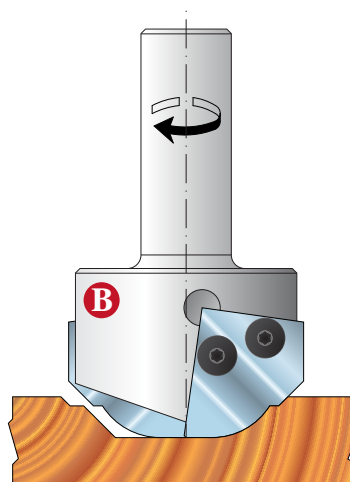
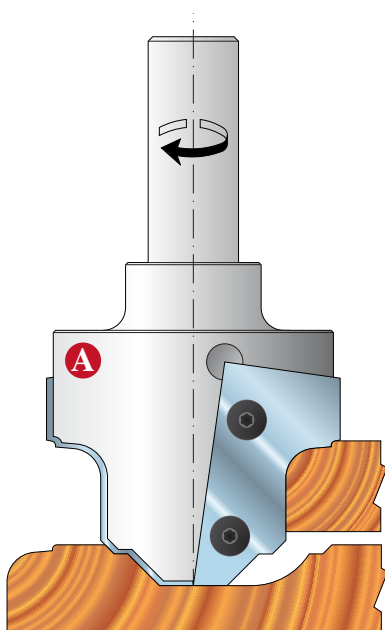
Q

CENTERINOX

TPP47Q

Set di punte sagomate per antine

Set of CNC router bits for cabinets



TPP48Q

Set di punte sagomate per antine

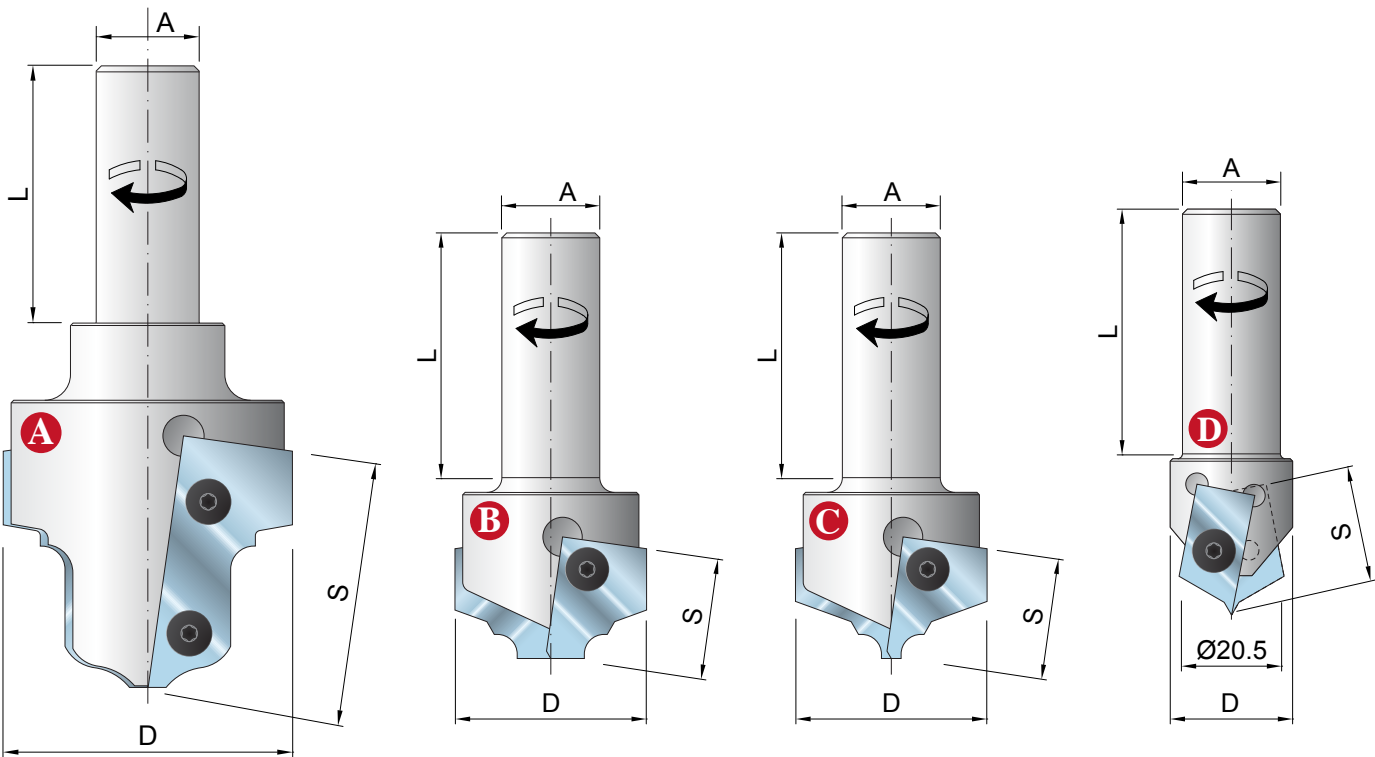
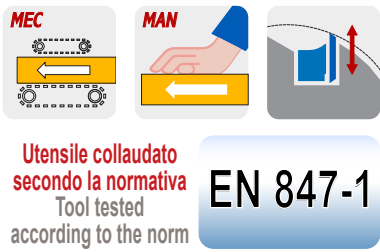
Set of CNC router bits for cabinets



CODICE CODE	D mm	S mm	A / L mm	Z	RIF.
TPP48Q.001	56	50	20x50	2	A
TPP48Q.002	39	25	20X50	2	B
TPP48Q.003	39	25	20X50	2	C
TPP48Q.004	25	25	20X50	2	D

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VRTX3	VITE / SCREW	M3.5X5		D
VRTX1	VITE / SCREW	M4X6		A-B-C

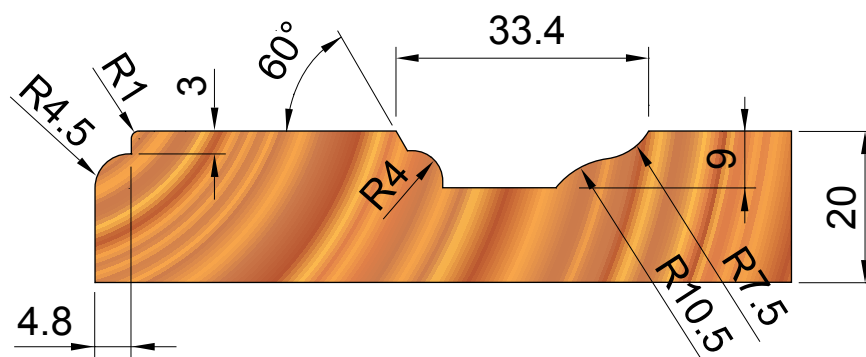
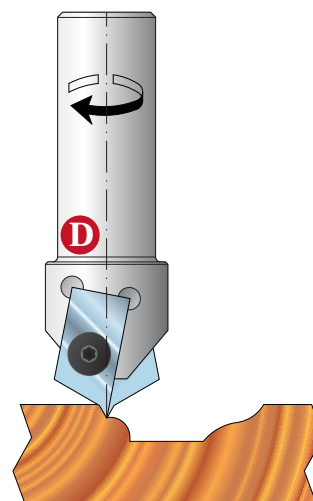
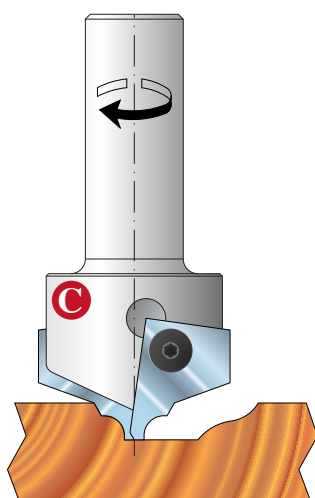
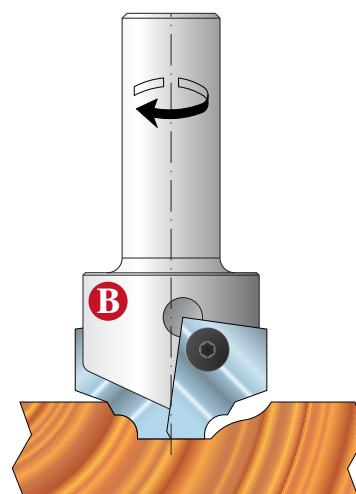
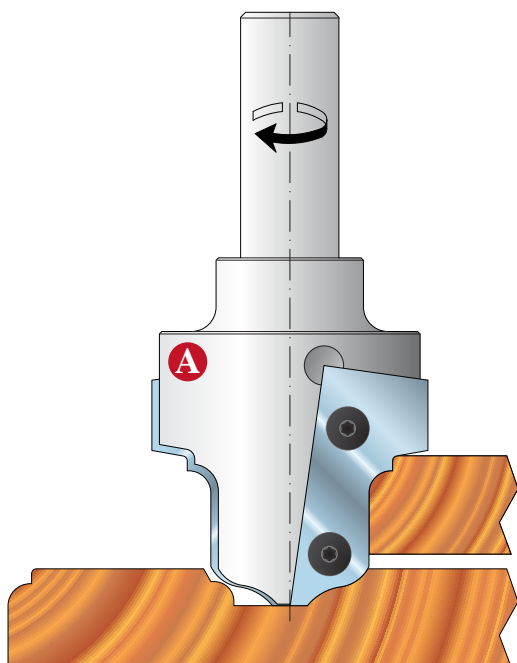
CLP48Q.001	COLTELLO/KNIFE	50X30X2		A
CLP48Q.002	COLTELLO/KNIFE	27X20X2		B
CLP48Q.003	COLTELLO/KNIFE	27X20X2		C
CLP48Q.004	COLTELLO/KNIFE	25X12X1.5		D



TPP48Q

Set di punte sagomate per antine

Set of CNC router bits for cabinets



TPP49Q

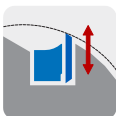
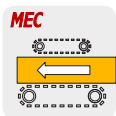
Set di punte sagomate per antine

Set of CNC router bits for cabinets



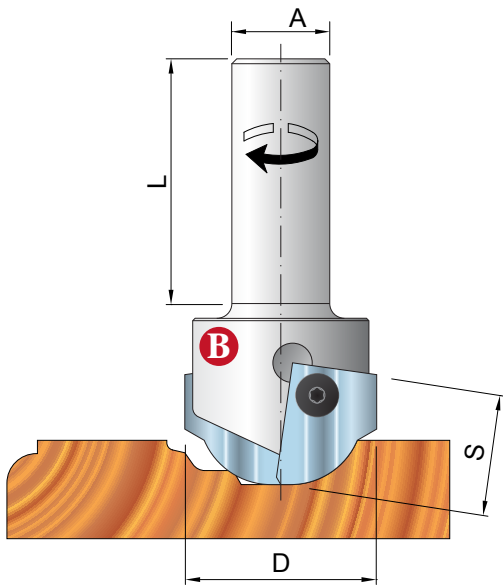
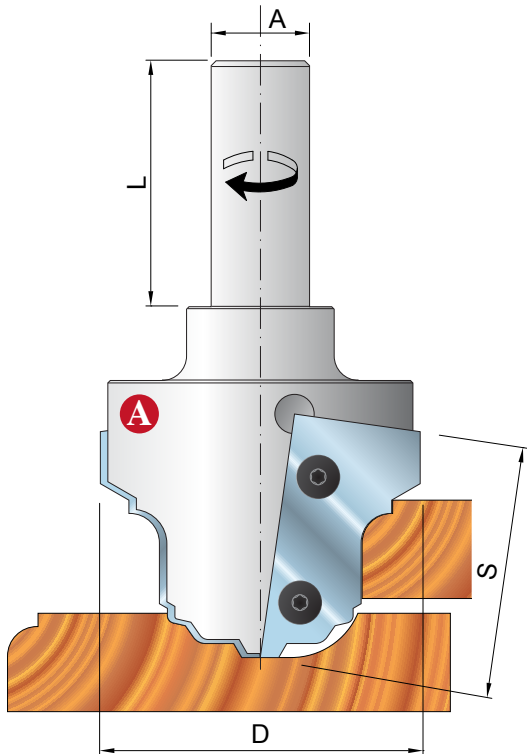
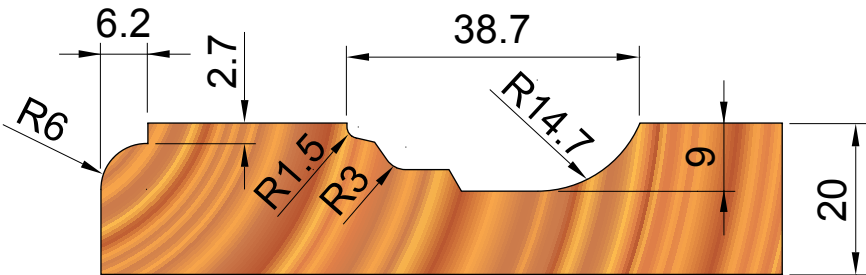
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TPP49Q.001	65	50	20x50	2	A
TPP49Q.002	39	25	20X50	2	B

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VRTX1	VITE / SCREW	M4X6		A-B
CLP48Q.001	COLTELLO/KNIFE	50X30X2		A
CLP48Q.002	COLTELLO/KNIFE	27X20X2		B



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

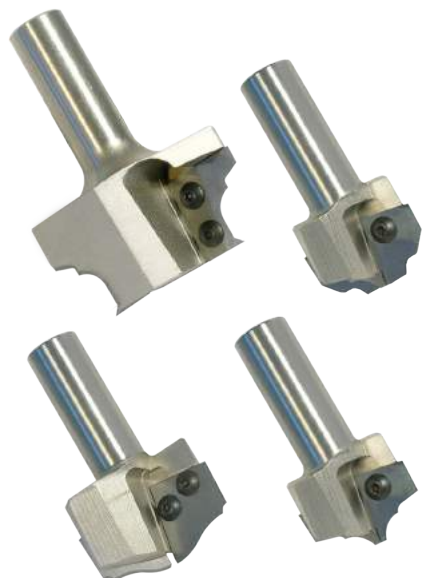
EN 847-1



TPP50Q

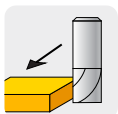
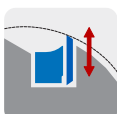
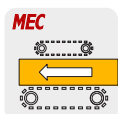
Set di punte sagomate per antine

Set of CNC router bits for cabinets



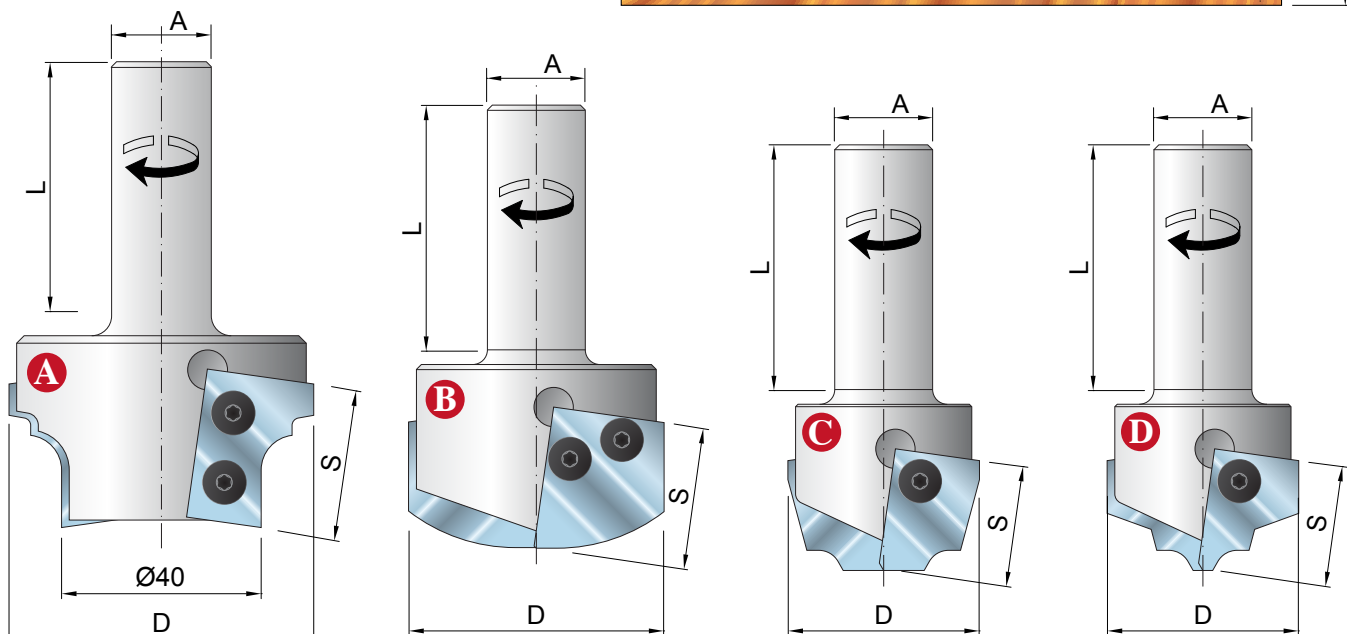
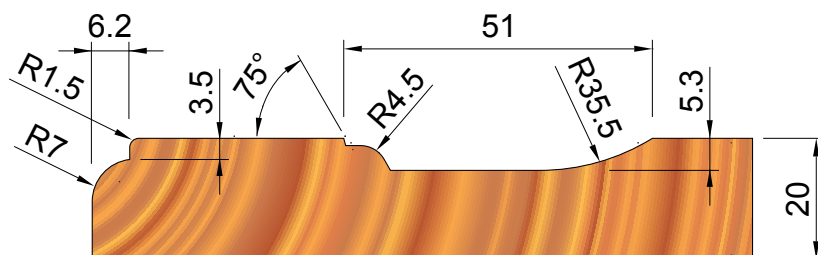
CODICE CODE	D mm	S mm	A / L mm	Z	RIF.
TPP50Q.001	61	30	20x50	2	A
TPP50Q.002	52	30	20X50	2	B
TPP50Q.003	39	25	20X50	2	C
TPP50Q.004	39	25	20X50	2	D

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VRTX1	VITE / SCREW	M4X6		A-B-C-D
CLP50Q.001	COLTELLO/KNIFE	30X25X2		A
CLP50Q.002	COLTELLO/KNIFE	30X30X2		B
CLP50Q.003	COLTELLO/KNIFE	27X20X2		C
CLP50Q.004	COLTELLO/KNIFE	27X20X2		D



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TPP51Q

Set di punte sagomate per antine

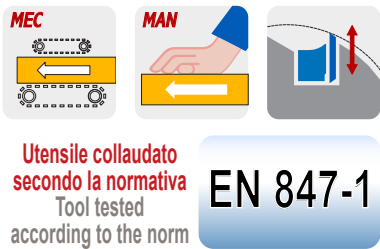
Set of CNC router bits for cabinets



CODICE CODE	D mm	S mm	A / L mm	Z	RIF.
TPP51Q.001	61	50	20x50	2	A
TPP51Q.002	54	25	20X50	2	B
TPP51Q.003	39	25	20X50	2	C
TPP51Q.004	25	25	20X50	2	D

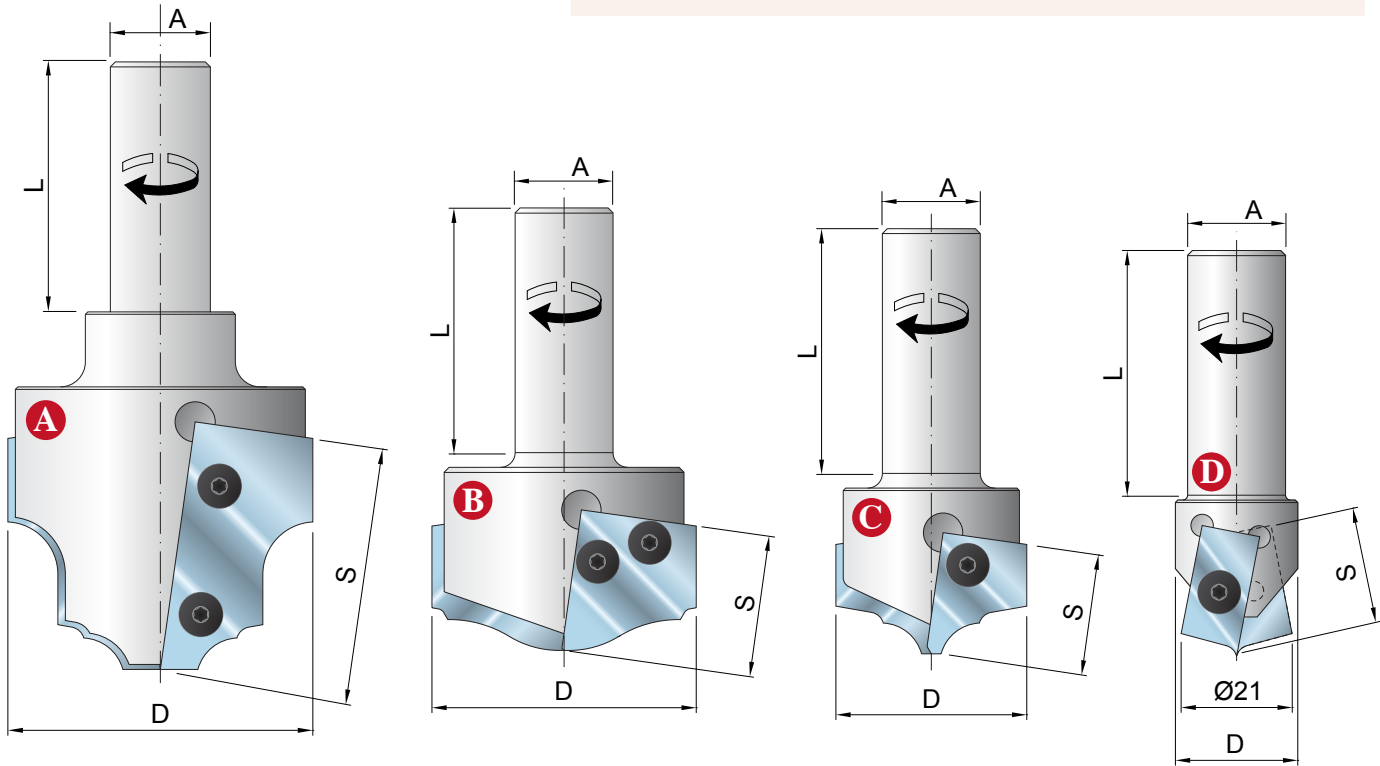
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VRTX3	VITE / SCREW	M3.5X5		D
VRTX1	VITE / SCREW	M4X6		A-B-C-D

CLP51Q.001	COLTELLO/KNIFE	50X30X2		A
CLP51Q.002	COLTELLO/KNIFE	30X30X2		B
CLP51Q.003	COLTELLO/KNIFE	27X20X2		C
CLP51Q.004	COLTELLO/KNIFE	25X12X1.5		D



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

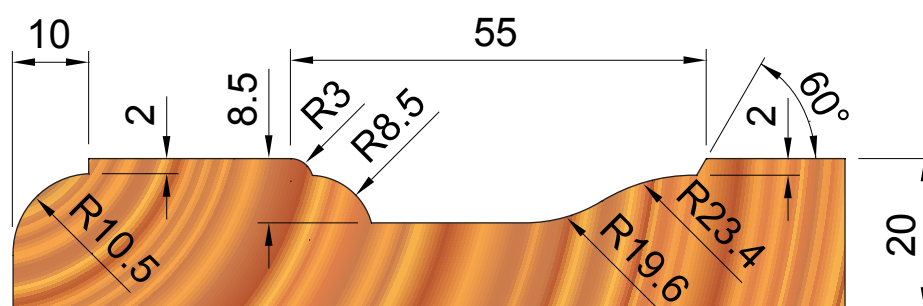
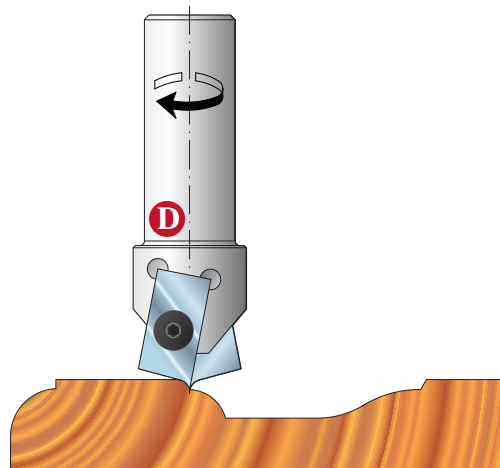
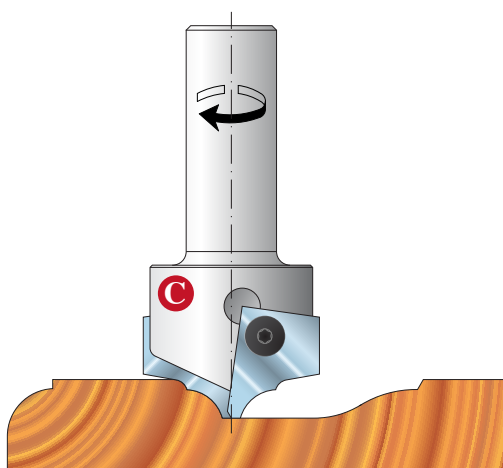
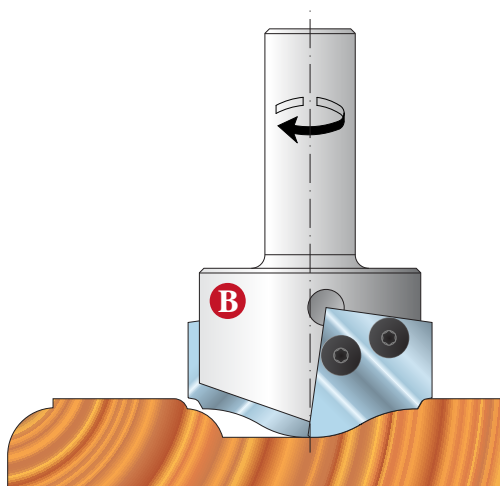
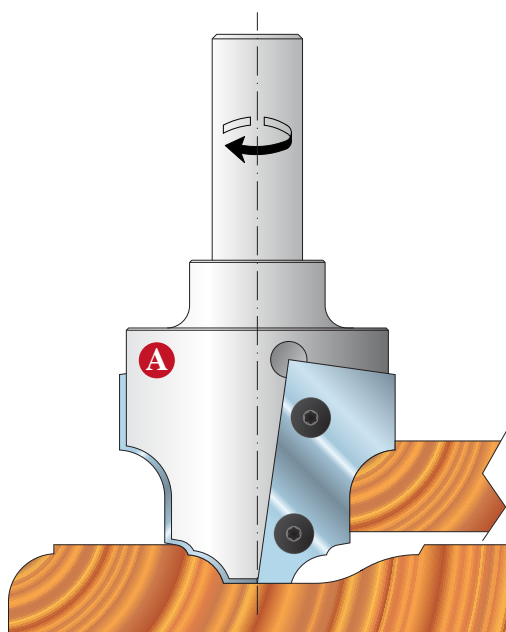
EN 847-1



TPP51Q

Set di punte sagomate per antine

Set of CNC router bits for cabinets



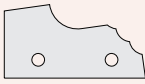
TPP52Q

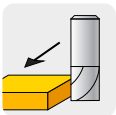
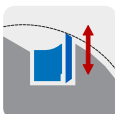
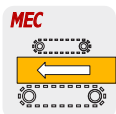
Set di punte sagomate per antine

Set of CNC router bits for cabinets



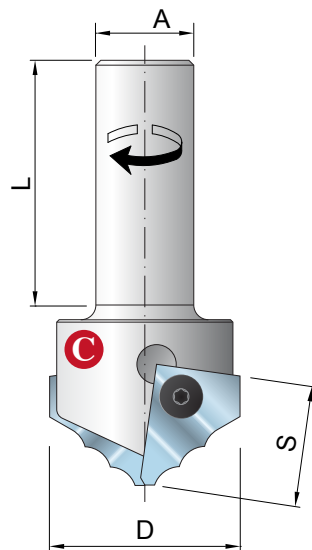
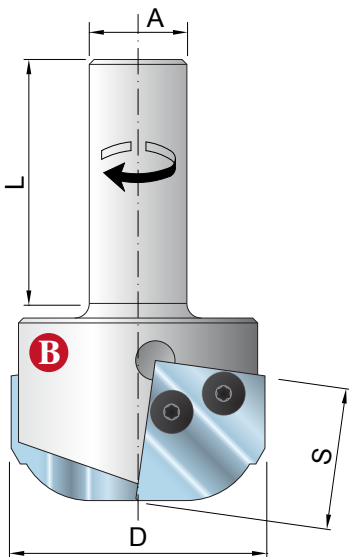
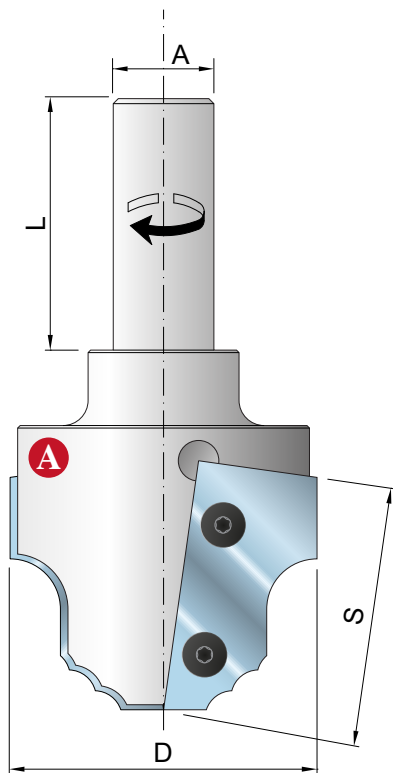
CODICE CODE	D mm	S mm	A / L mm	Z	RIF.
TPP52Q.001	61	50	20x50	2	A
TPP52Q.002	52	25	20X50	2	B
TPP52Q.003	39	25	20X50	2	C

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VRTX1	VITE / SCREW	M4X6		A-B-C
CLP52Q.001	COLTELLO/KNIFE	50X30X2		A
CLP52Q.002	COLTELLO/KNIFE	30X30X2		B
CLP52Q.003	COLTELLO/KNIFE	27X20X2		C



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



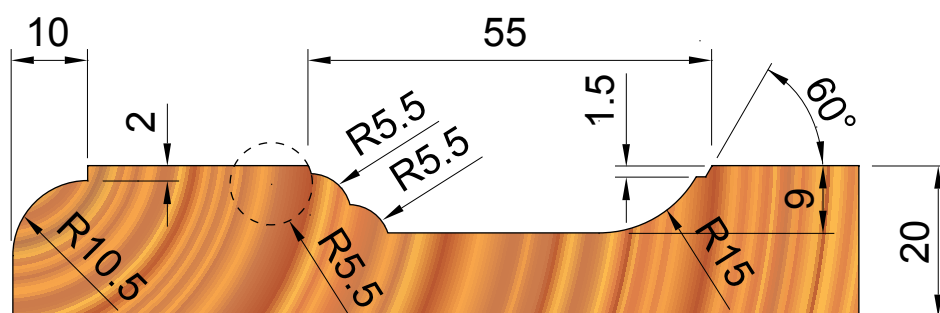
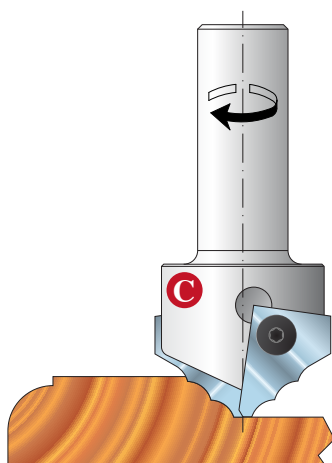
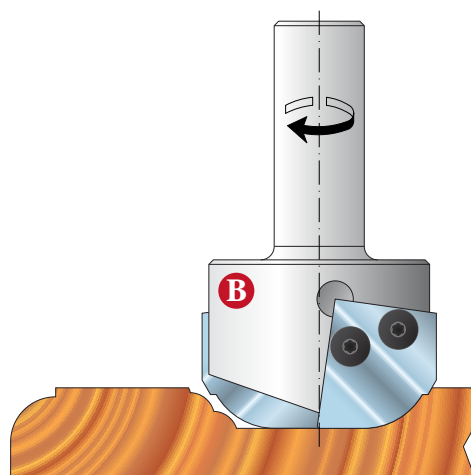
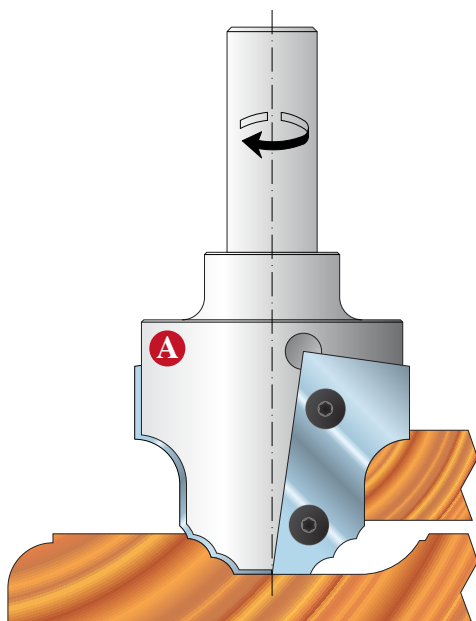
Q

CENTERINOX

TPP52Q

Set di punte sagomate per antine

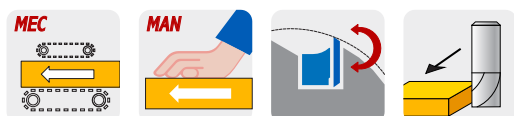
Set of CNC router bits for cabinets



TPP32Q

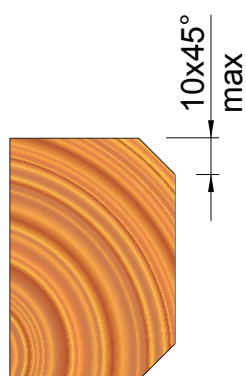
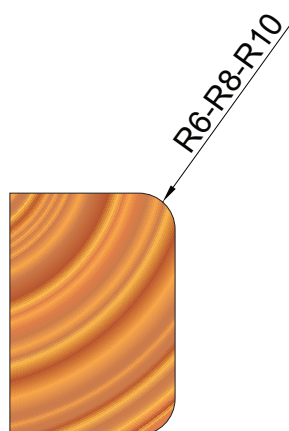
Gruppo regolabile per profilatura

Adjustable CNC router cutter for profile



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



CODICE CODE	RIF. FRESA RIF. TOOLS	D mm	D1 mm	B mm	A mm	Z
TPP32Q.001	TPP32Q/A	122	-	-	HSK63F	2
	TPP32Q/B	122	-	-		2
	TPP32Q/30	-	100	30		2
TPP32Q.002	TPP32Q/A	122	-	-	ISO30	2
	TPP32Q/B	122	-	-		2
	TPP32Q/50	-	100	50		2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			FRESA TOOL
GRN1DX-SX	VITE / SCREW	M8-M6		TPP32Q
OGIVA	OGIVA / NUT	M8		
T19	CUNEO / WEDGE	19mm		TPP32Q/A TPP32Q/C
T29	CUNEO / WEDGE	29mm		TPP32Q/30
T49	CUNEO / WEDGE	49mm		TPP32Q/50
CLT14	COLTELLO / KNIFE	30X12X1.5		TPP32Q/30
CLT16	COLTELLO / KNIFE	50X12X1.5		TPP32Q/50
CLP32Q/10A	COLTELLO / KNIFE	20X30X2 - R10		TPP32Q/A
CLP32Q/10C	COLTELLO / KNIFE	20X30X2 - R10		TPP32Q/C
CLP32Q/8A	COLTELLO / KNIFE	20X30X2 - R8		TPP32Q/A
CLP32Q/8C	COLTELLO / KNIFE	20X30X2 - R8		TPP32Q/C
CLP32Q/6A	COLTELLO / KNIFE	20X30X2 - R6		TPP32Q/A
CLP32Q/6C	COLTELLO / KNIFE	20X30X2 - R6		TPP32Q/C
CLP32Q/45A	COLTELLO / KNIFE	20X30X2 - 45°		TPP32Q/A
CLP32Q/45C	COLTELLO / KNIFE	20X30X2 - 45°		TPP32Q/C

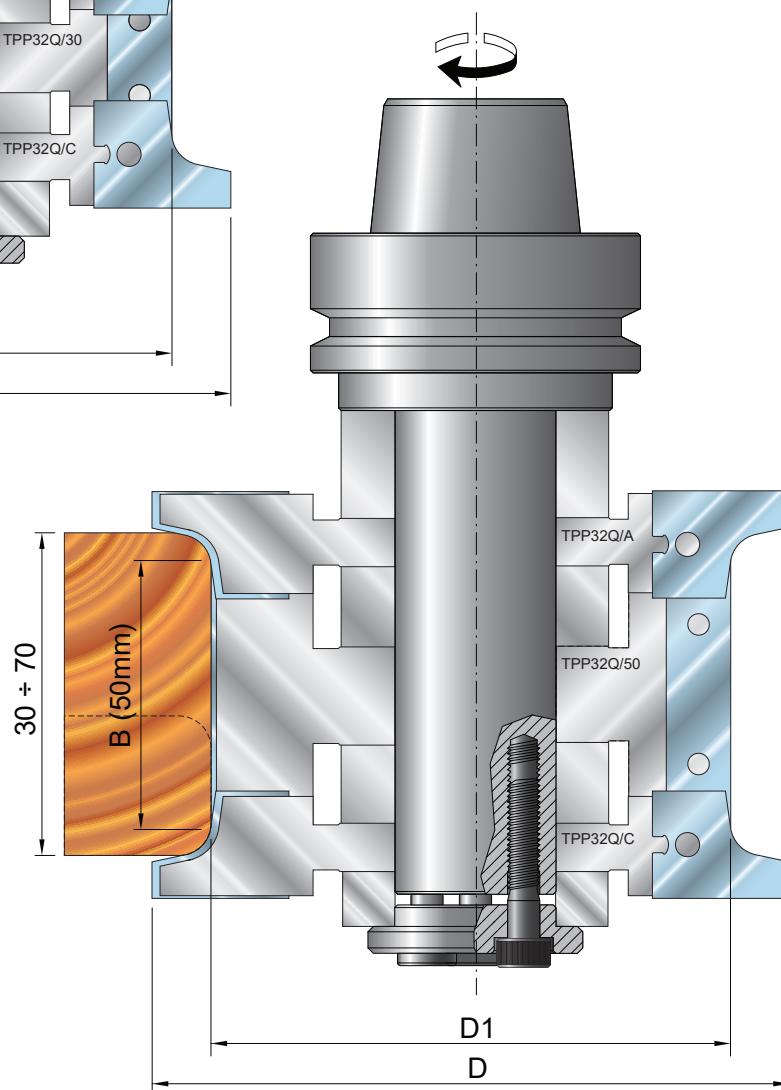
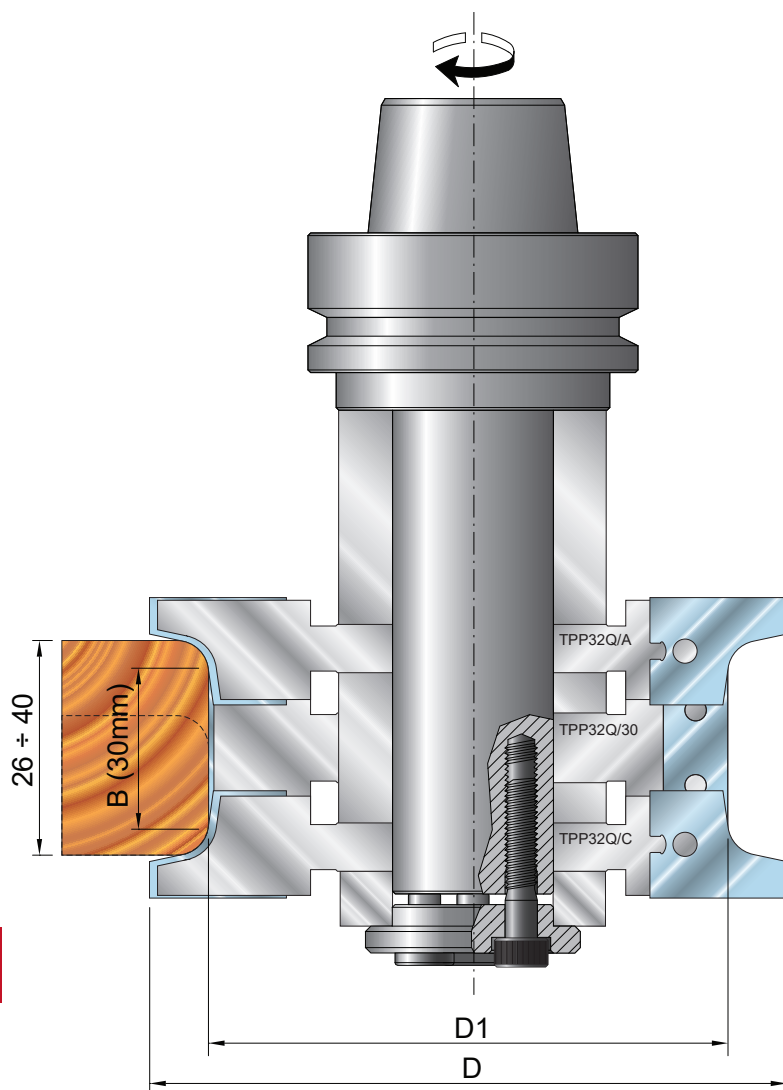
Un profilo a scelta / A profile to choice



TPP32Q

Gruppo regolabile per profilatura

Adjustable CNC router cutter for profile



TPP33Q

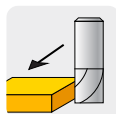
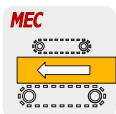
Punta portacoltelli per bordatura

Router bit for edge



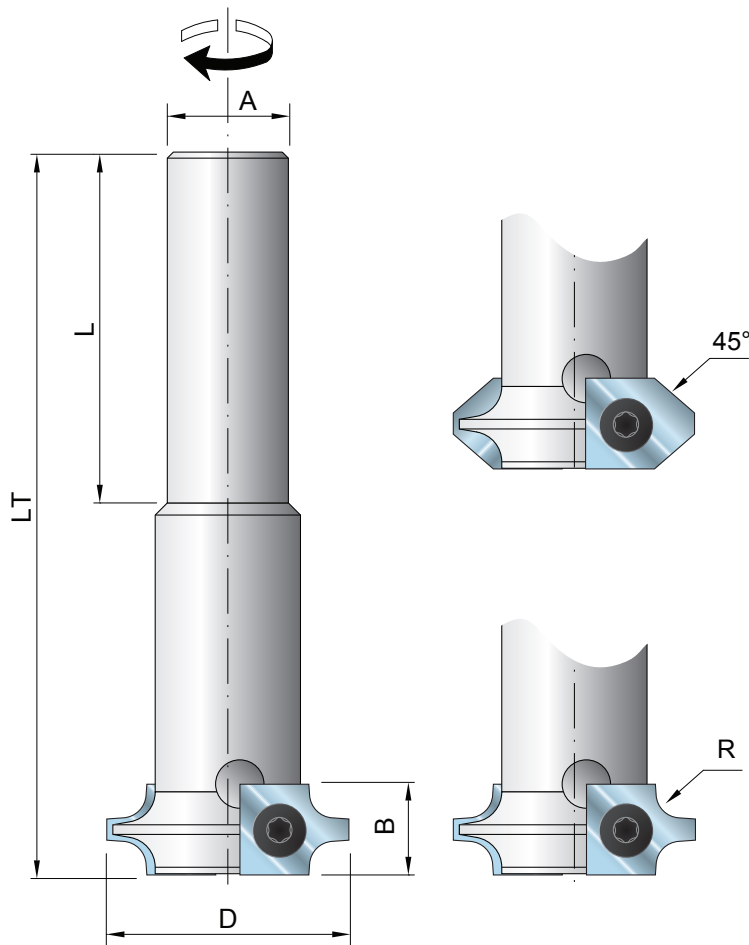
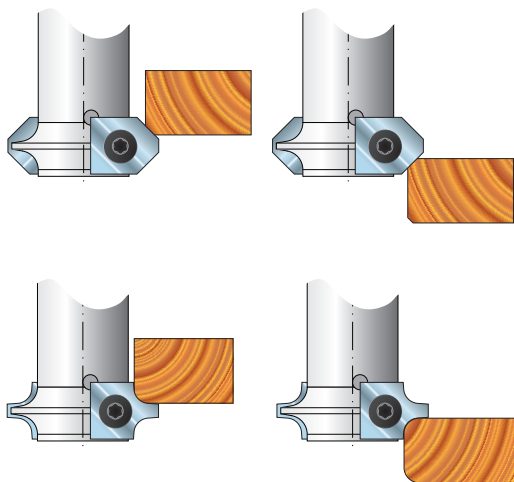
CODICE CODE	D mm	B mm	A/L mm	LT mm	Z
TPP33Q.001	40	15	Ø20X50	120	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRTX1	VITE / SCREW	M4X6 TORX	
CLP33Q/R2	COLTELLO / KNIFE	15X20X2 R=2	
CLP33Q/R3	COLTELLO / KNIFE	15X20X2 R=3	
CLP33Q/R4	COLTELLO / KNIFE	15X20X2 R=4	
CLP33Q/R5	COLTELLO / KNIFE	15X20X2 R=5	
CLP33Q/R6	COLTELLO / KNIFE	15X20X2 R=6	
CLP33Q/45	COLTELLO / KNIFE	15X20X2 45°	
Un profilo a scelta / A profile to choice			



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



Q

CENTERINOX

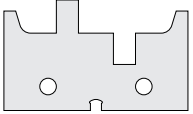
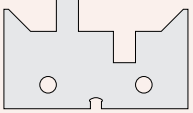
TPP34Q

Punta portacoltelli per perline

Router bit for paneling



CODICE CODE	D mm	B mm	A mm	Z
TPP34Q.001	105	50	Ø20X50	2

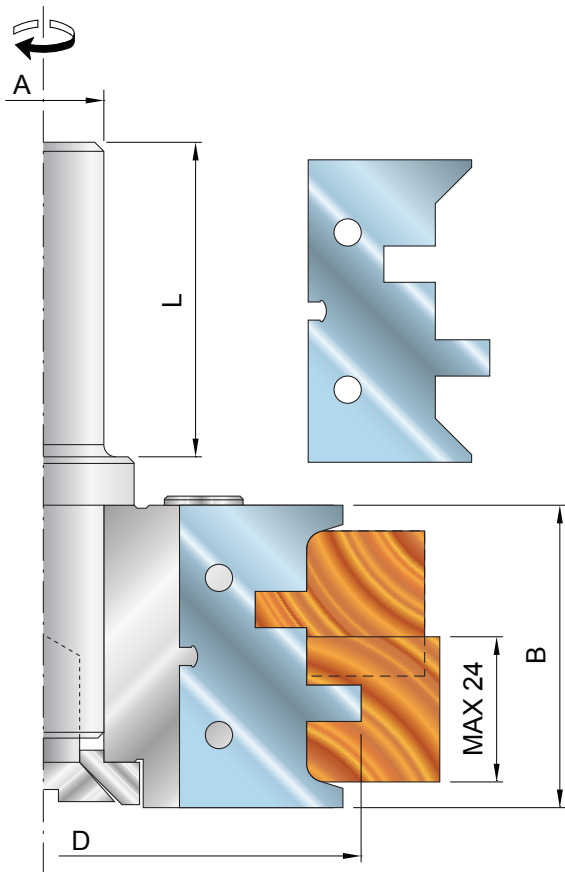
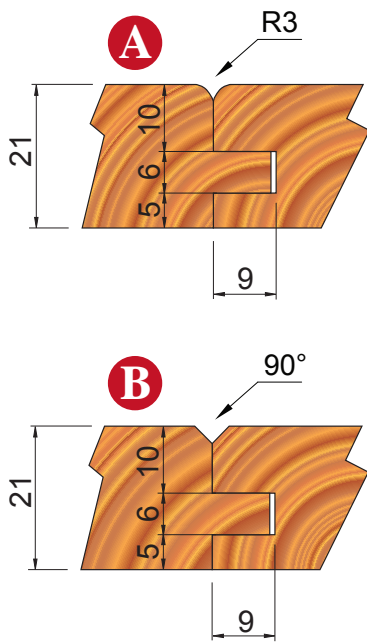
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN3	VITE / SCREW	M8X12	
T49SB	CUNEO / WEDGE	49mm	
CLP34Q/A	COLTELLO / KNIFE	50X30X2	
CLP34Q/B	COLTELLO / KNIFE	50X30X2	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

Un profilo a scelta / A profile to choice



TPP35Q

Gruppo regolabile per giunzioni

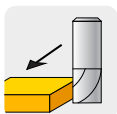
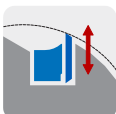
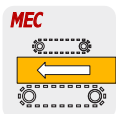
Adjustable CNC router cutter for joints



CODICE CODE	D mm	B mm	A mm	Z
TPP35Q.001	120	20+80	HSK63-F - ISO30	2+2

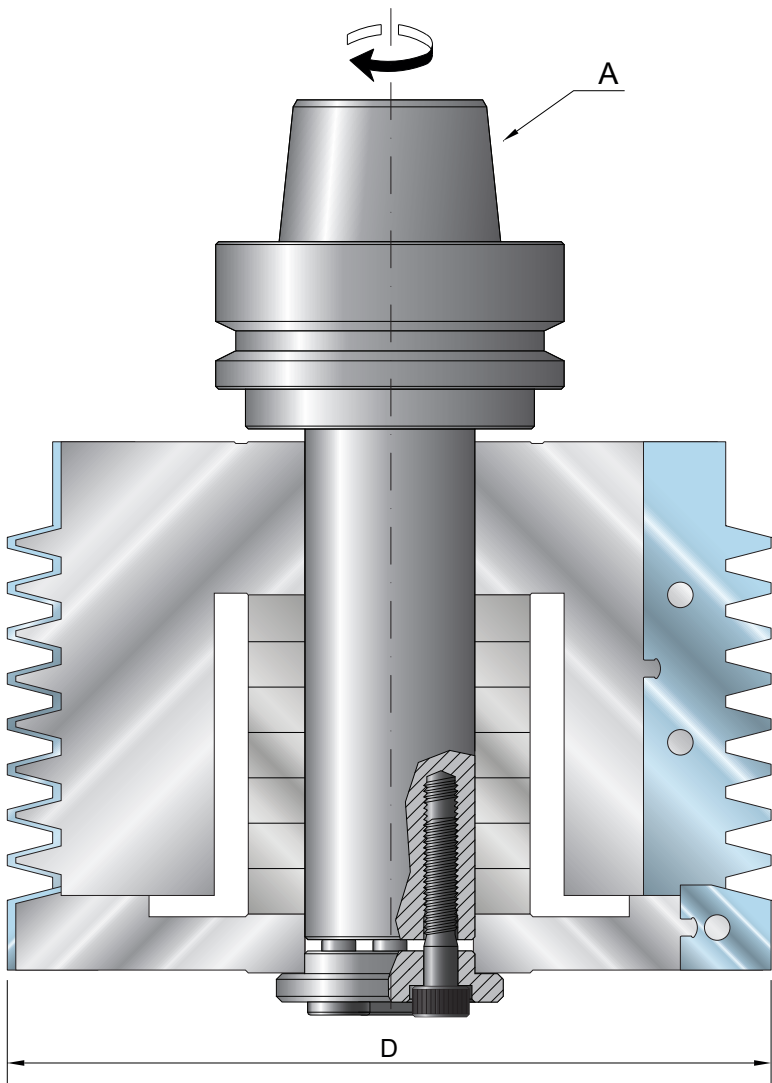
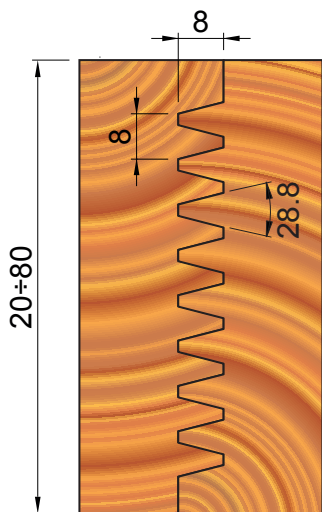
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T19SB	CUNEO / WEDGE	19mm	
T79SB	CUNEO / WEDGE	79mm	
CLP35Q/A	COLTELLO / KNIFE	15X20X2	
CLP35Q/B	COLTELLO / KNIFE	80X25X2	

Costruzione alluminio / Aluminium made



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



Q

CENTERINOX

TPP36Q

Punta multiprofilo per bugne

Multi-profile raised panel router bit



CODICE CODE	D mm	d mm	A/L mm	Z
TPP36Q.001	124	20	Ø20X50	2+2

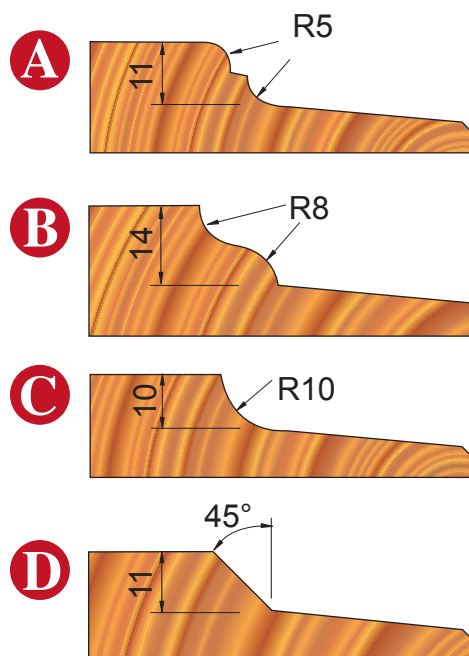
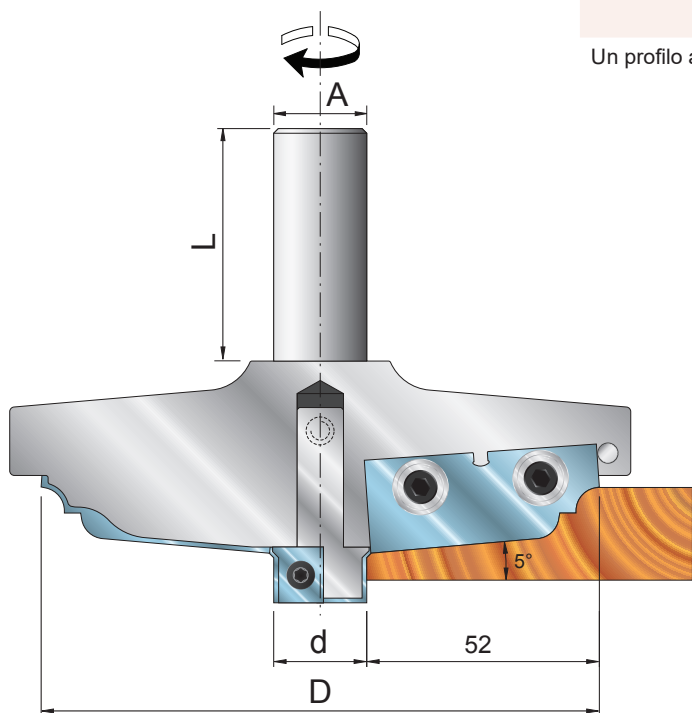
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRTX2	VITE / SCREW	M3.5X6 TORX	
VTC36Q	VITE / SCREW	M4X6 TCEI	
GHR36Q	GHIERA / NUT	12x2.5	
CLP36Q/X	COLTELLO / KNIFE	12X12X1.5	
CLP36Q/A	COLTELLO / KNIFE	50X30X2	
CLP36Q/B	COLTELLO / KNIFE	50X30X2	
CLP36Q/C	COLTELLO / KNIFE	50X30X2	
CLP36Q/D	COLTELLO / KNIFE	50X30X2	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

Un profilo a scelta / A profile to choice



TPP37Q

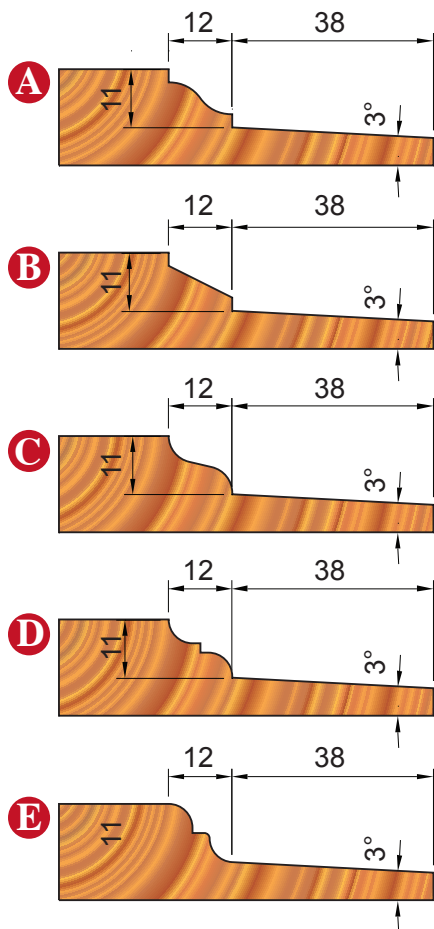
Punta multiprofilo per bugne

Multi-profile raised panel router bit



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

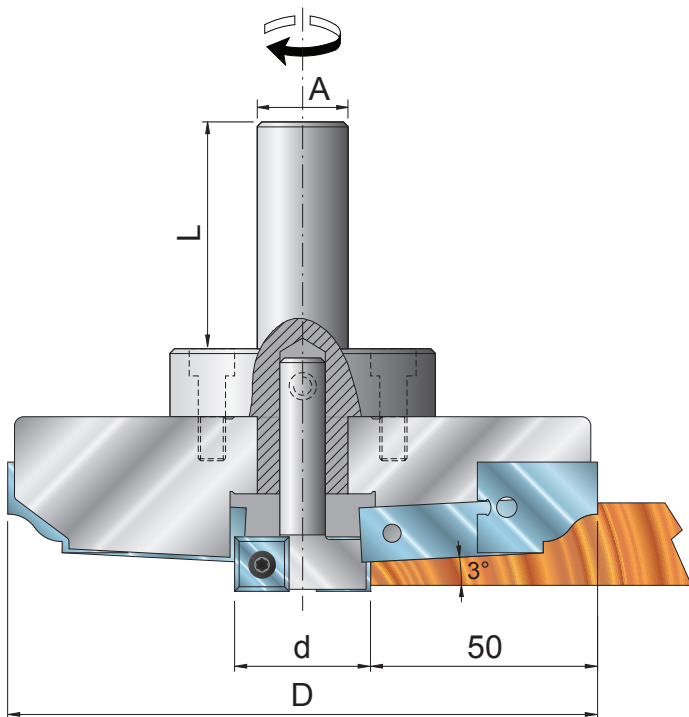
EN 847-1



CODICE CODE	D mm	d mm	A/L mm	Z
TPP37Q.001	126	30	Ø20X50	2+2+2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRTX2	VITE / SCREW	M3.5X6 TORX	
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T24SB	CUNEO / WEDGE	24mm	
T39SB	CUNEO / WEDGE	39mm	
012L12	COLTELLO / KNIFE	12X12X1.5	
012L40	COLTELLO / KNIFE	40X12X1.5	
CLP37Q/A	COLTELLO / KNIFE	20X25X2	
CLP37Q/B	COLTELLO / KNIFE	20X25X2	
CLP37Q/C	COLTELLO / KNIFE	20X25X2	
CLP37Q/D	COLTELLO / KNIFE	20X25X2	
CLP37Q/E	COLTELLO / KNIFE	20X25X2	

Un profilo a scelta / A profile to choice



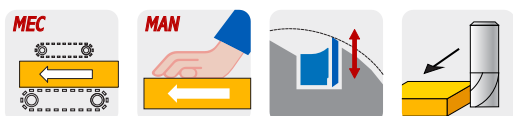
Q

CENTERINOX

TPP38Q

Punta multiprofilo per bugne

Multi-profile raised panel router bit



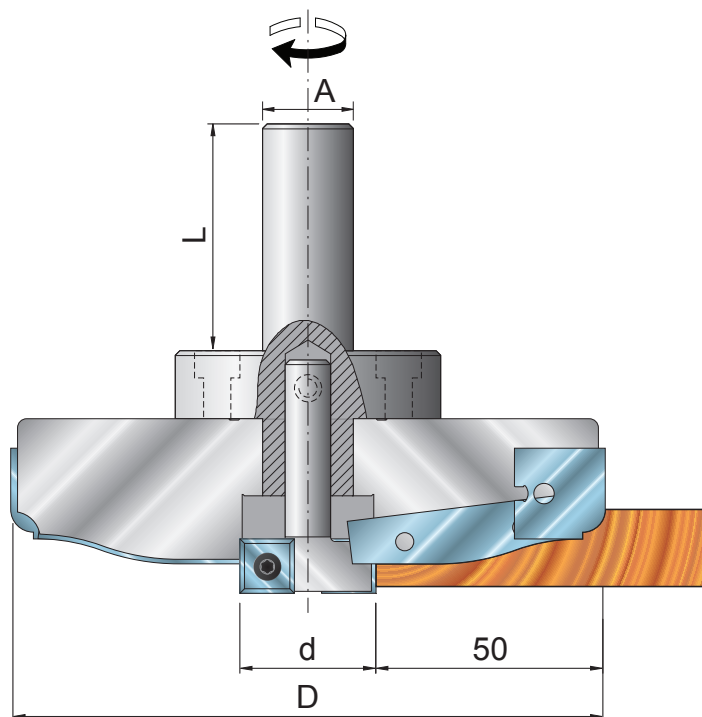
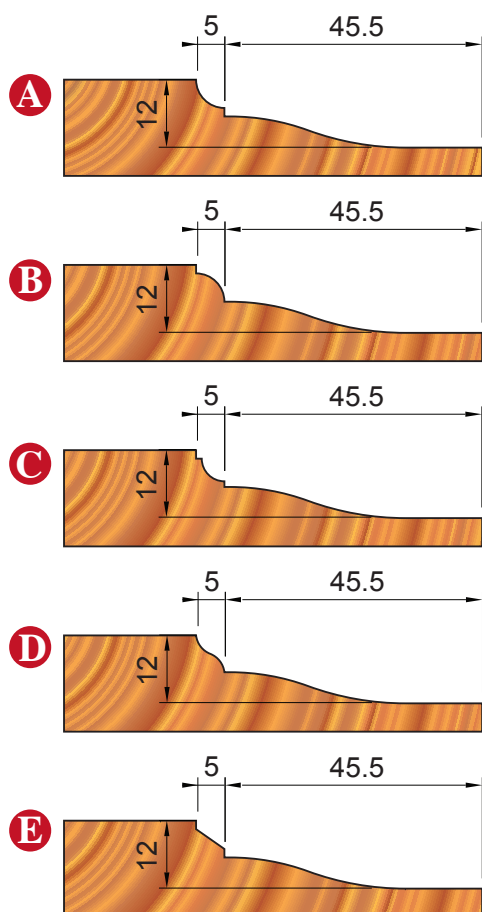
Utensile collaudato
secondo la normativa
Tool tested
according to the norm

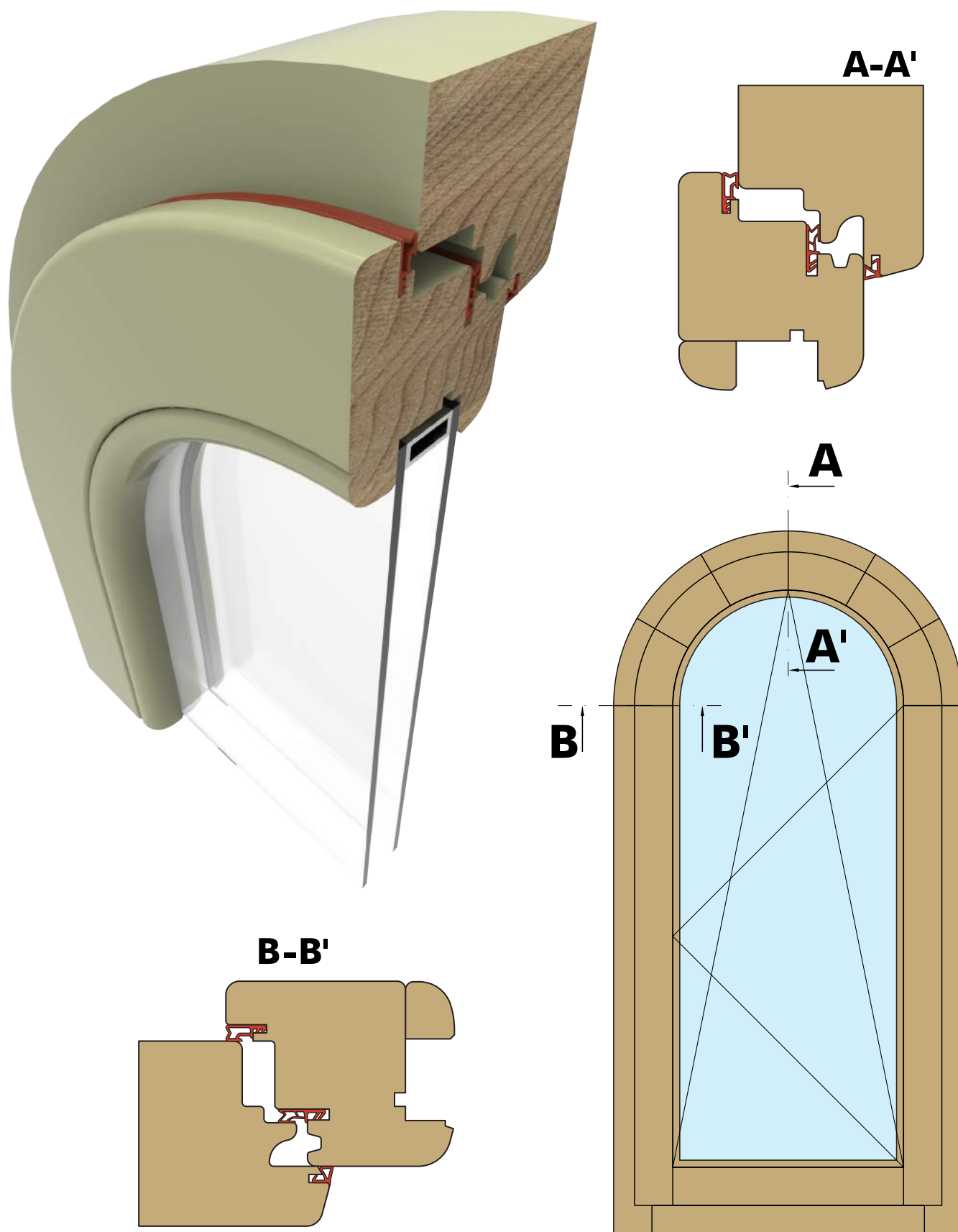
EN 847-1

CODICE CODE	D mm	d mm	A/L mm	Z
TPP38Q.001	131	30	Ø20X50	2+2+2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRTX2	VITE / SCREW	M3.5X6 TORX	
GRN1DX-SX	VITE / SCREW	M8-M6	
OGV1SB	OGIVA / NUT	M8	
T24SB	CUNEO / WEDGE	24mm	
T39SB	CUNEO / WEDGE	39mm	
012L12	COLTELLO / KNIFE	12X12X1.5	
CLT38Q/X	COLTELLO / KNIFE	40X12X1.5	
CLP38Q/A	COLTELLO / KNIFE	20X25X2	
CLP38Q/B	COLTELLO / KNIFE	20X25X2	
CLP38Q/C	COLTELLO / KNIFE	20X25X2	
CLP38Q/D	COLTELLO / KNIFE	20X25X2	
CLP38Q/E	COLTELLO / KNIFE	20X25X2	

Un profilo a scelta / A profile to choice

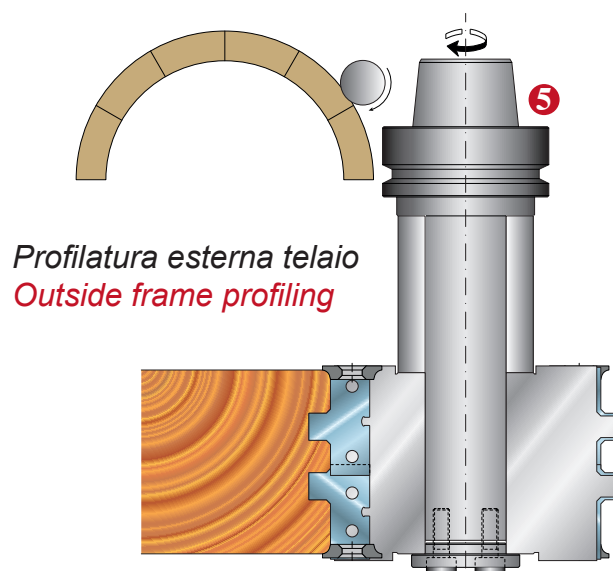
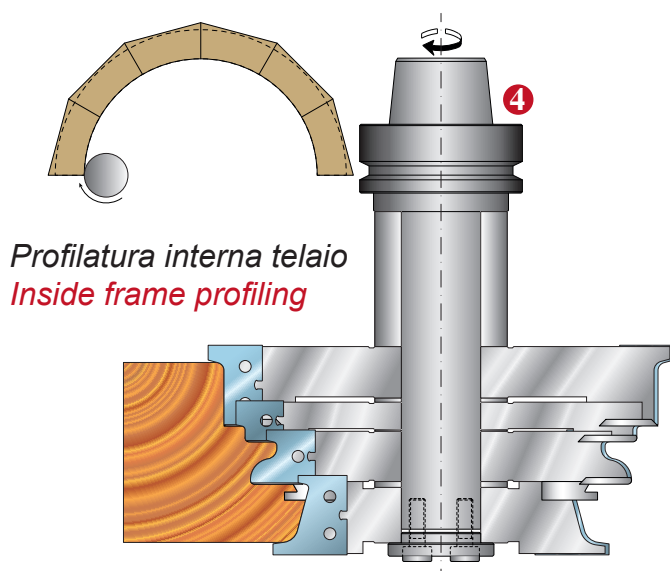
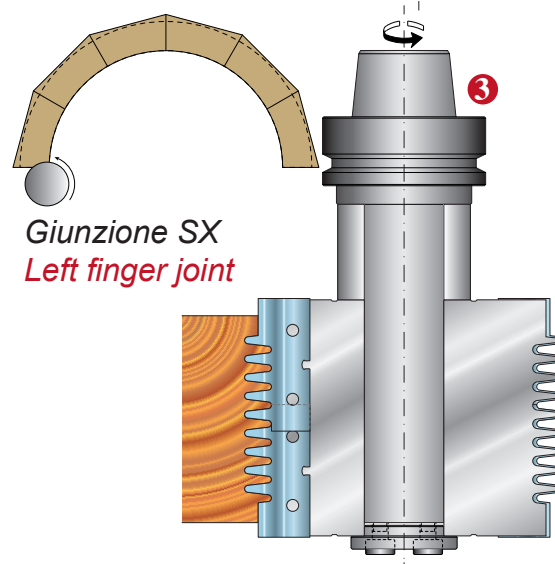
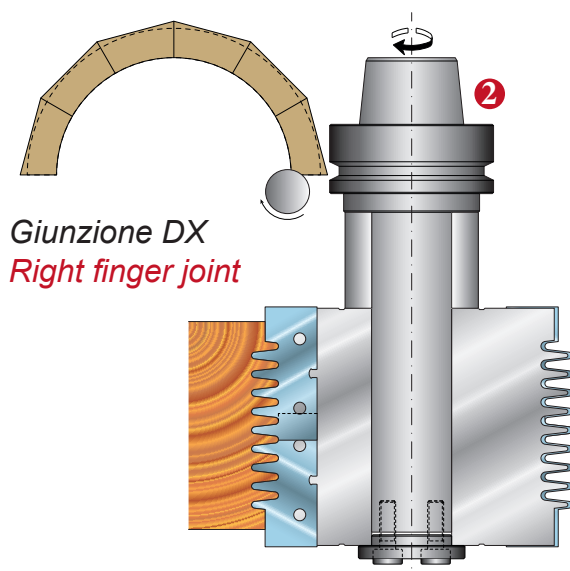
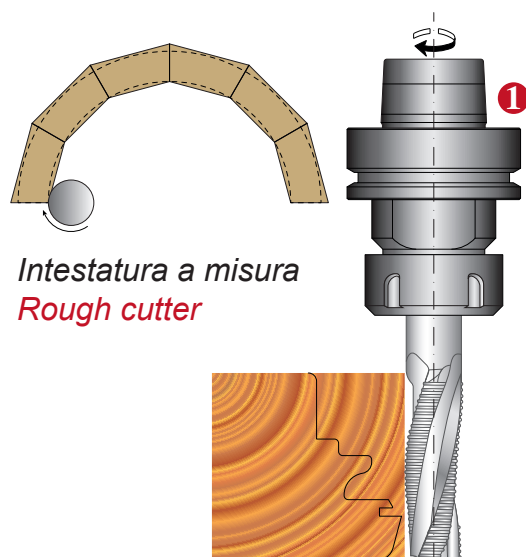




Produzione del Telaio

Frame process

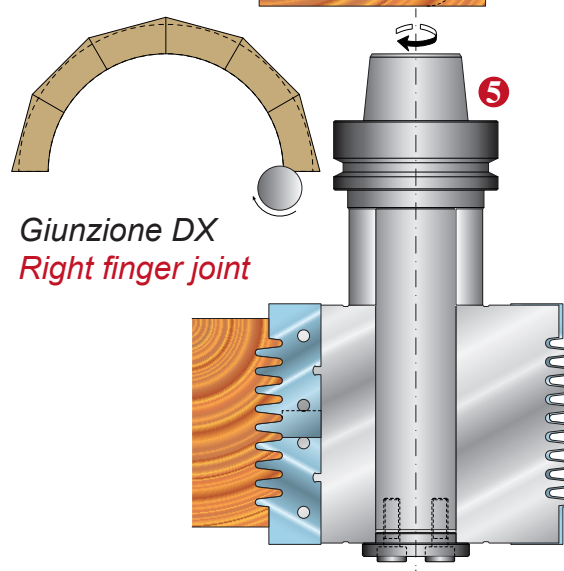
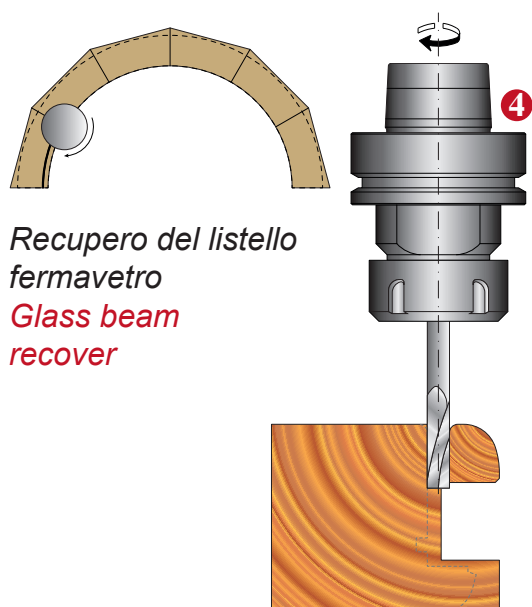
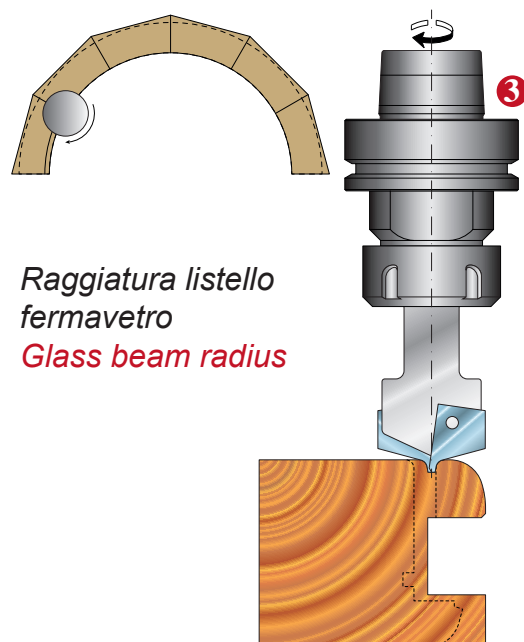
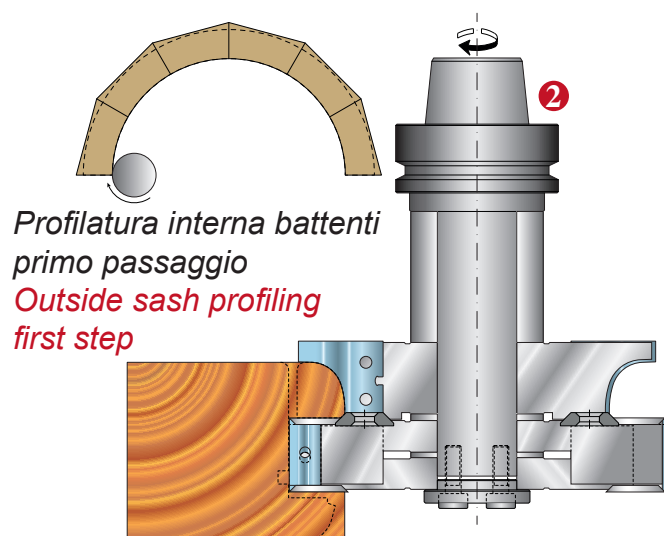
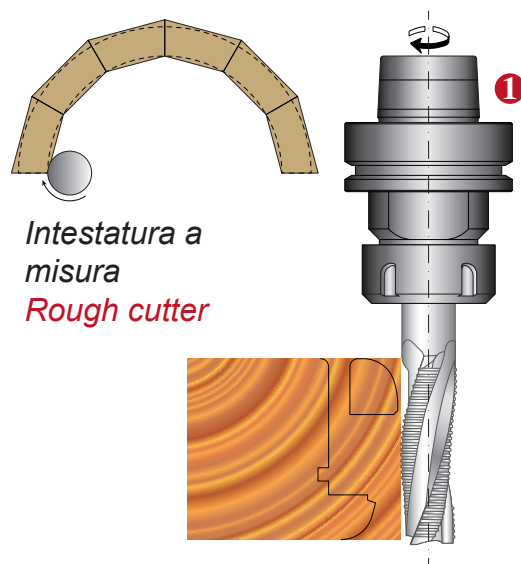
CODICE CODE	DENOMINAZIONE Name	Numero Number
TPP39Q.001	INTESTATURAAMISURA	1
TPP39Q.002	GIUNZIONE DX	2
TPP39Q.003	GIUNZIONE SX	3
TPP39Q.004	TELAIO INTERNO	4
TPP39Q.005	TELAIO ESTERNO	5



Produzione del Battente Sash process

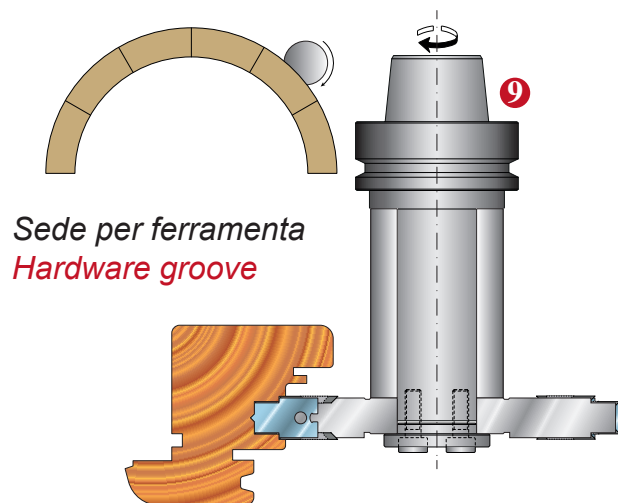
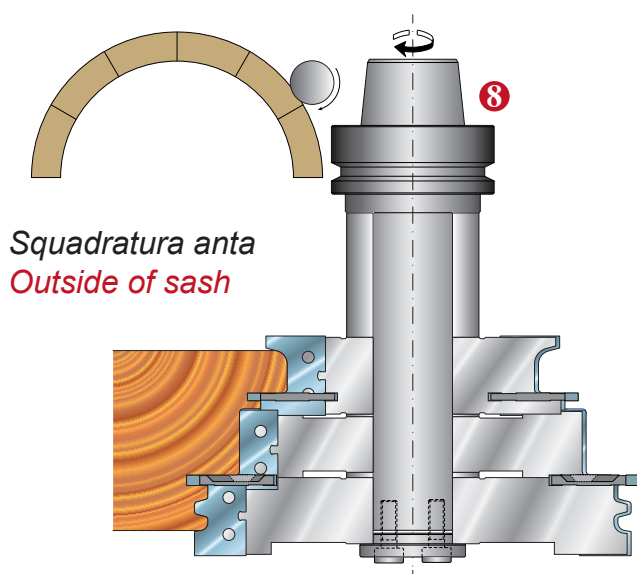
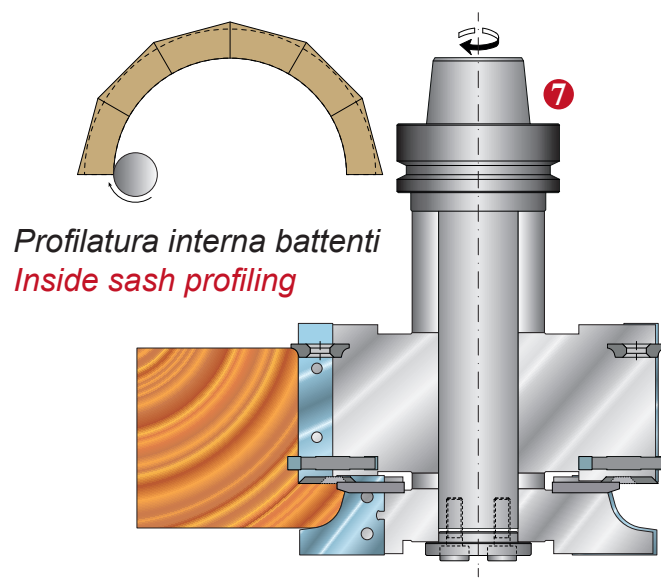
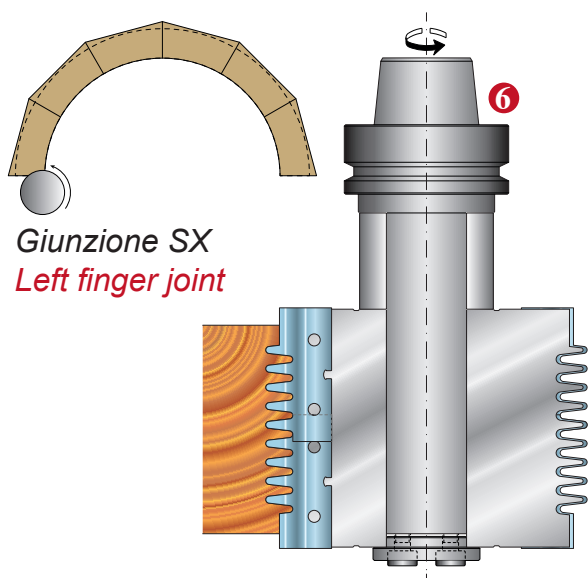
CNC groups to process arched windows

CODICE CODE	DENOMINAZIONE Name	Numero Number
TPP39Q.006	INTESTATURA A MISURA	1
TPP39Q.007	PROFILATURA INTERNA BATTENTI PRIMO PASSAGGIO	2
TPP39Q.008	RAGGIATURA LISTELLO FERMAVETRO	3
TPP39Q.009	RECUPERO DEL LISTELLO FERMAVETRO	4
TPP39Q.010	GIUNZIONE DX	5
TPP39Q.011	GIUNZIONE SX	6
TPP39Q.012	PROFILATURA INTERNA BATTENTI	7
TPP39Q.013	SQUADRATURA ANTA	8
TPP39Q.014	SEDE PER FERRAMENTA	9



Q

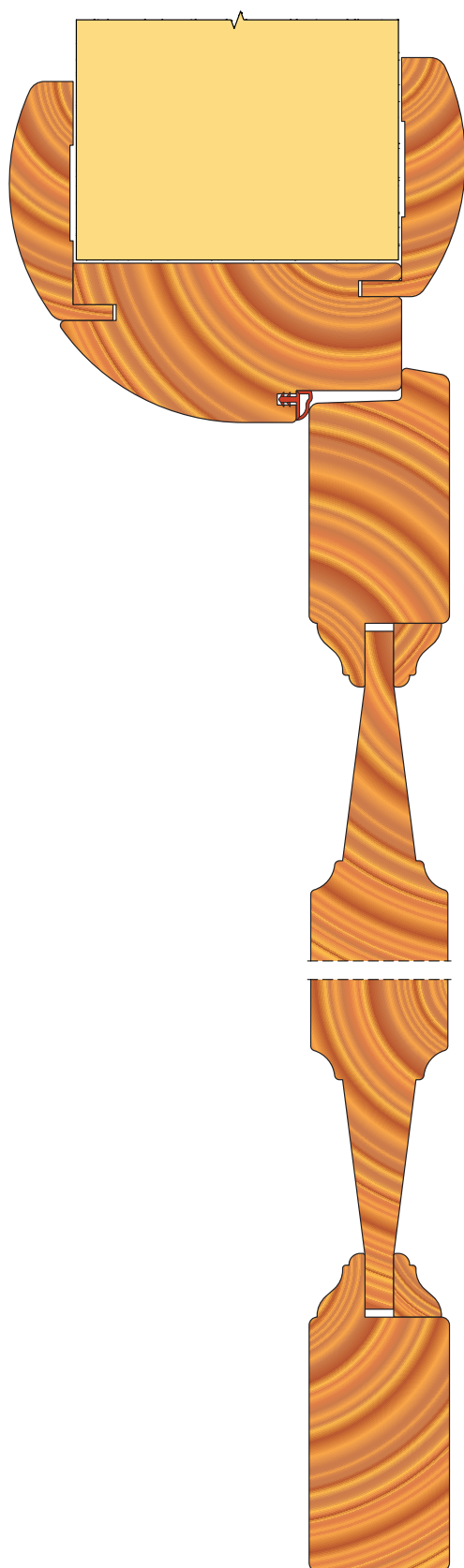
CENTERINOX



TPP40Q

Gruppi per esecuzione di porte

CNC groups to process doors



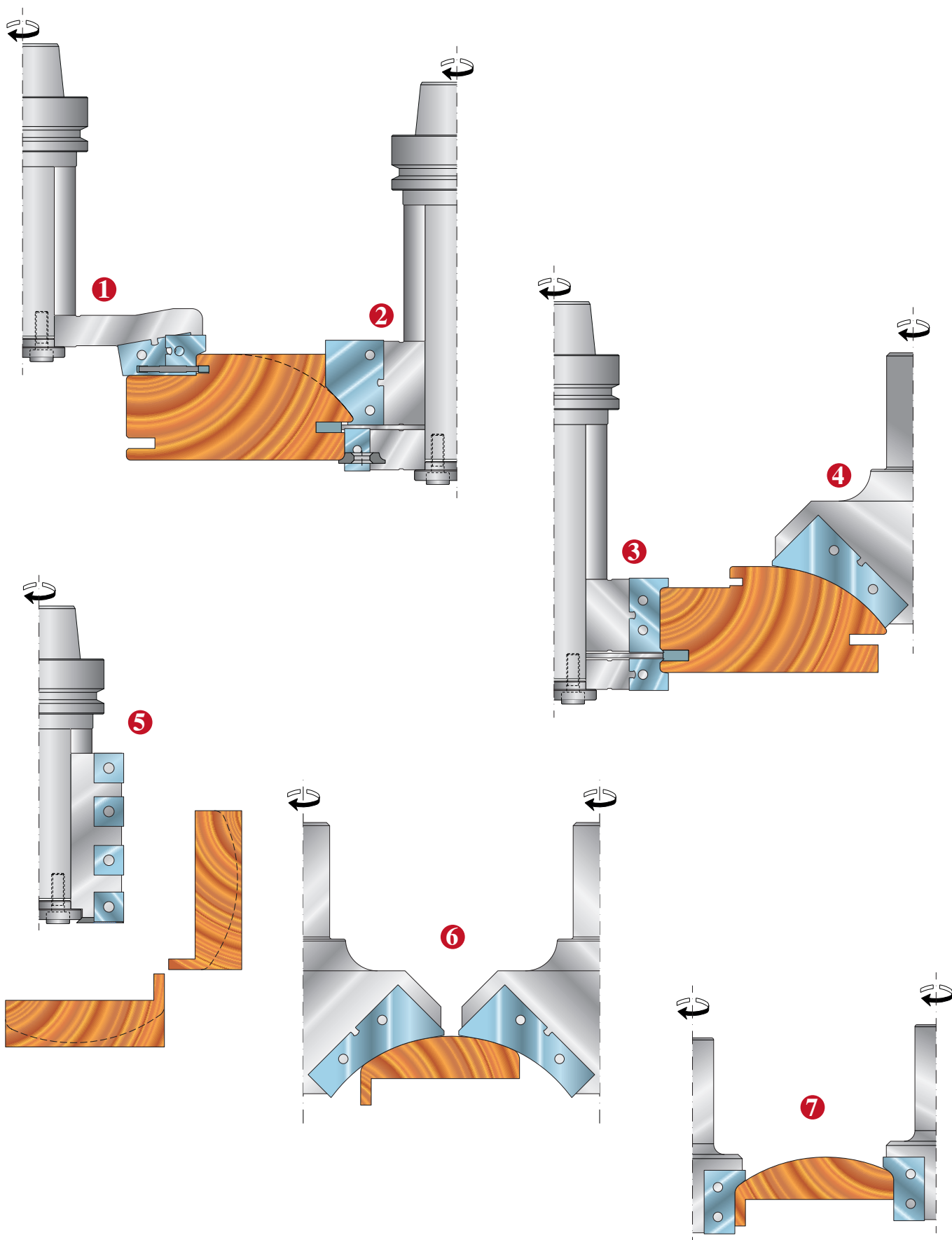
CODICE CODE	DENOMINAZIONE Name	Numero Number
TPP40Q.001	PROFILATURA TELAIO	1
TPP40Q.002	PROFILATURA TELAIO	2
TPP40Q.003	PROFILATURA TELAIO	3
TPP40Q.004	PROFILATURA TELAIO	4
TPP40Q.005	PROFILATURA MOSTRINA	5
TPP40Q.006	PROFILATURA MOSTRINA	6
TPP40Q.007	PROFILATURA MOSTRINA	7
TPP40Q.008	GIUNZIONE TELAIO	8
TPP40Q.009	PROFILATURA PORTA	9
TPP40Q.010	PROFILATURA PORTA	10
TPP40Q.011	CONTROPROFILO PORTA	11
TPP40Q.012	RAGGIATURA LISTELLO	12
TPP40Q.013	TAGLIO LISTELLO	13
TPP40Q.014	RAGGIATURA PORTA	14
TPP40Q.015	SQUADRATURA PORTA	15
TPP40Q.016	PROFILATURA BUGNA	16
TPP40Q.017	SEDE MANIGLIA	17
TPP40Q.018	SEDE SERRATURA	18
TPP40Q.019	TAGLIO LISTELLO	19



TPP40Q

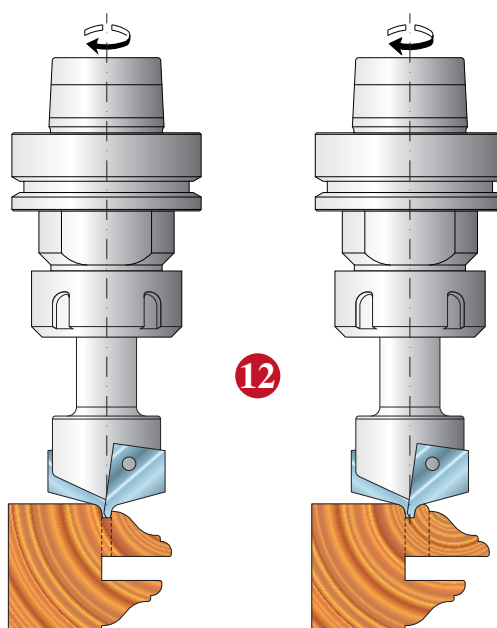
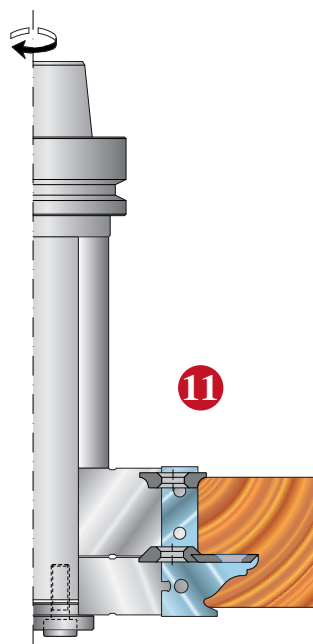
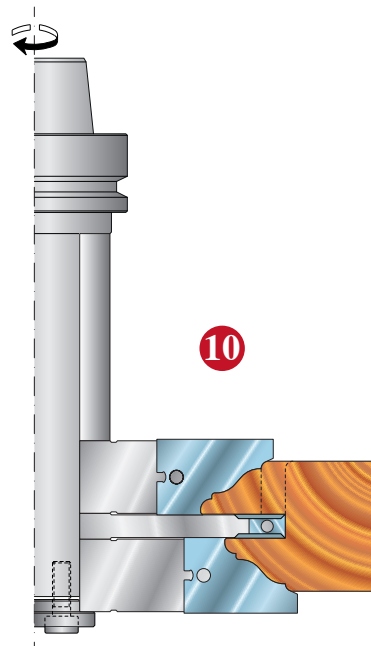
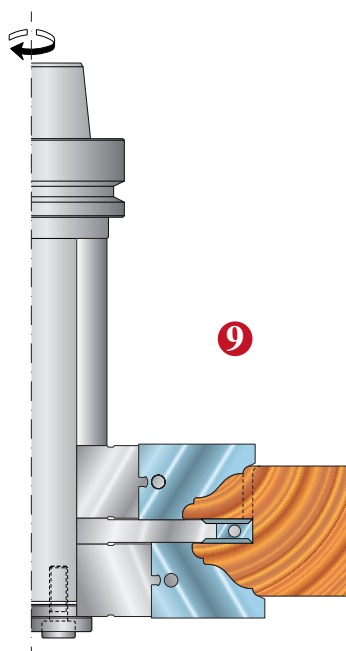
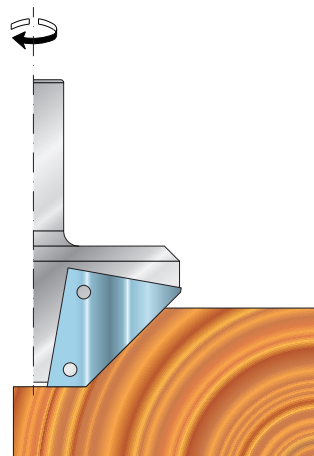
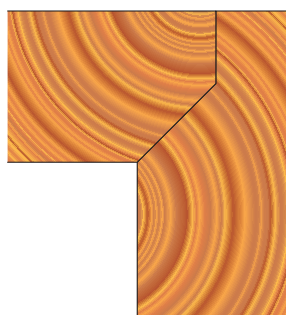
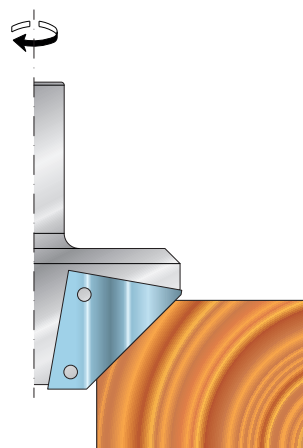
Gruppi per esecuzione di porte

CNC groups to process doors



Q

CENTERINOX

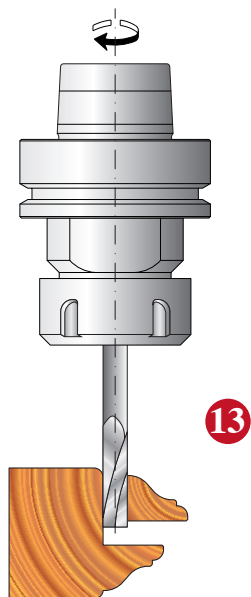


Q

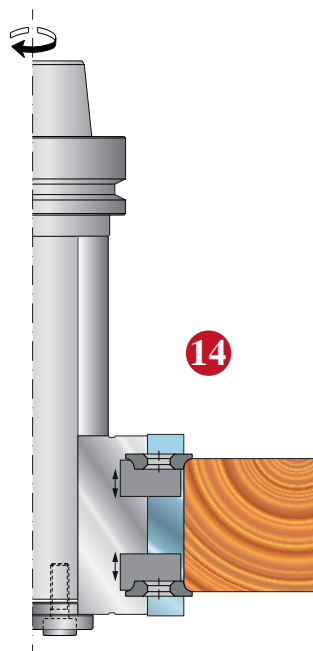
TPP40Q

Gruppi per esecuzione di porte

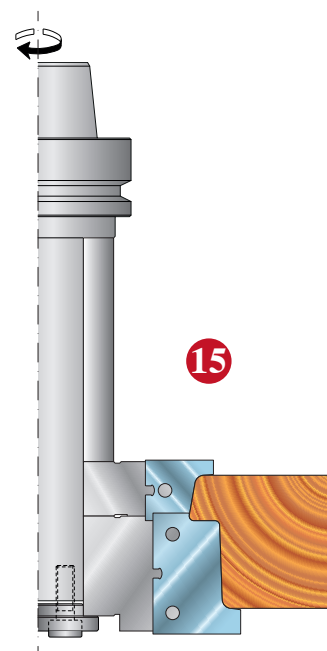
CNC groups to process doors



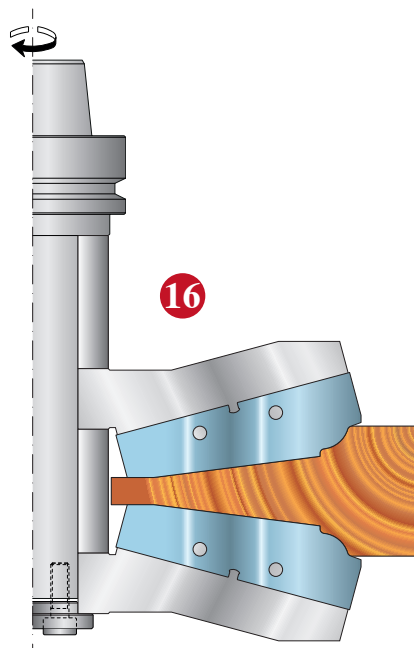
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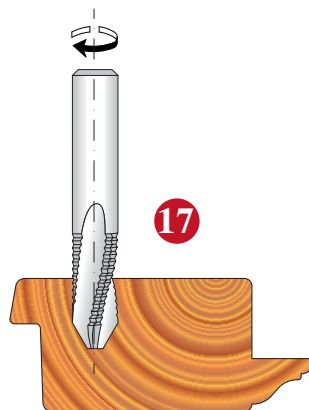
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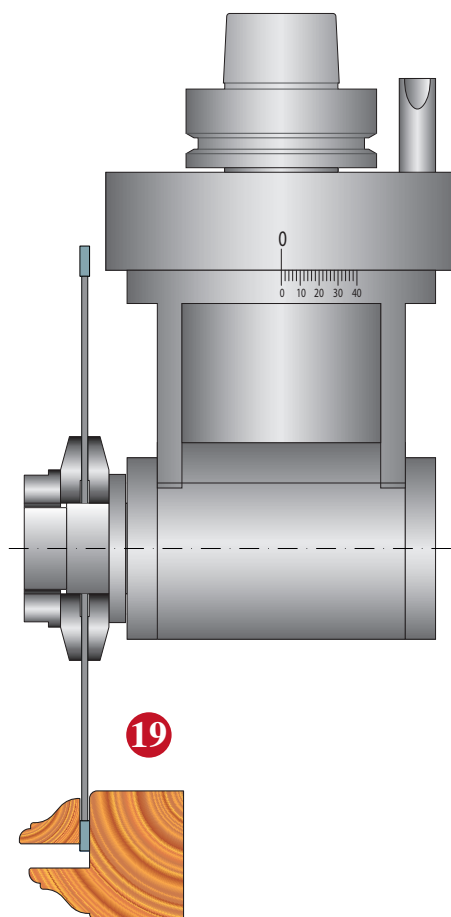
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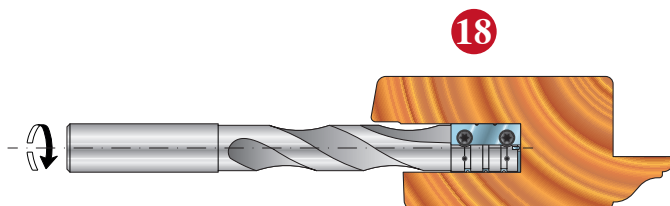
16



17



19

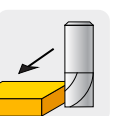
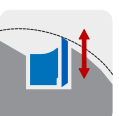
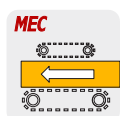


18

TPP41Q

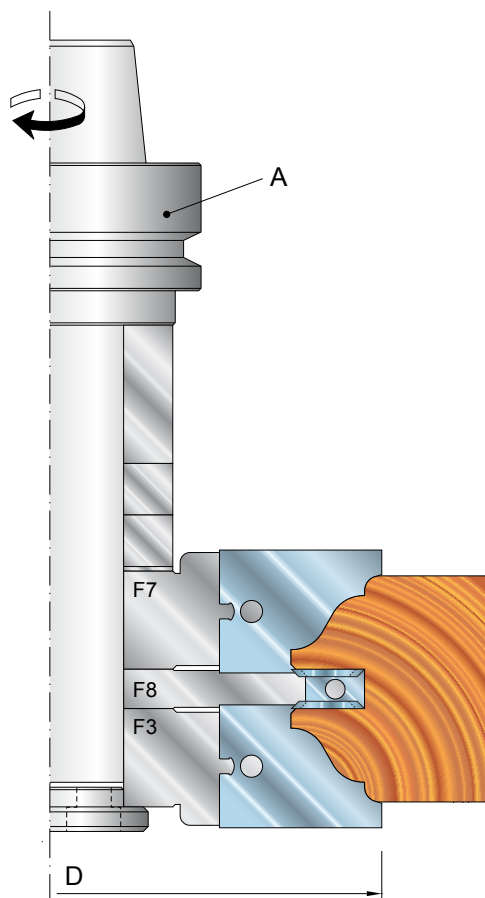
Gruppo per sagoma di porte con bugna a infilare

CNC group for profile of doors without bead recovery



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



CODICE CODE	D mm	A mm	Z
TPP41Q.001	135	HSK63-F - ISO30	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VRS6	VITE / SCREW	M5X7		F8
RSN2	RASANTE / SPUR	14X14X2		F8
GRN2DX-SX	VITE / SCREW	M6 - M6		F8
LR.1	CUNEO / WEDGE	7.3mm		F8
012L75	COLTELLO / KNIFE	7.5X12X1.5		F8
GRN1DX-SX	VITE / SCREW	M8-M6		F3-F7
OGV1SB	OGIVA / NUT	M8		F3-F7
T24SB	CUNEO / WEDGE	24mm		F3-F7
CLP41Q/A1	COLTELLO / KNIFE	25X35X2		F7
CLP41Q/A2	COLTELLO / KNIFE	25X35X2		F3
CLP41Q/B1	COLTELLO / KNIFE	25X35X2		F7
CLP41Q/B2	COLTELLO / KNIFE	25X35X2		F3
CLP41Q/C1	COLTELLO / KNIFE	25X35X2		F7
CLP41Q/C2	COLTELLO / KNIFE	25X35X2		F3
CLP41Q/D1	COLTELLO / KNIFE	25X35X2		F7
CLP41Q/D2	COLTELLO / KNIFE	25X35X2		F3

Un profilo a scelta / A profile to choice

Q

CENTERINOX

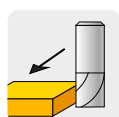
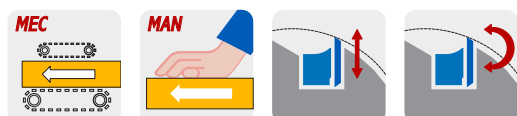
TPP41Q

Gruppo per controsagoma di porte con bugna a infilare

CNC group for counterprofile of doors without bead recovery



CODICE CODE	D mm	A/L mm	Z
TPP41Q.002	140	HSK63-F - ISO30	2

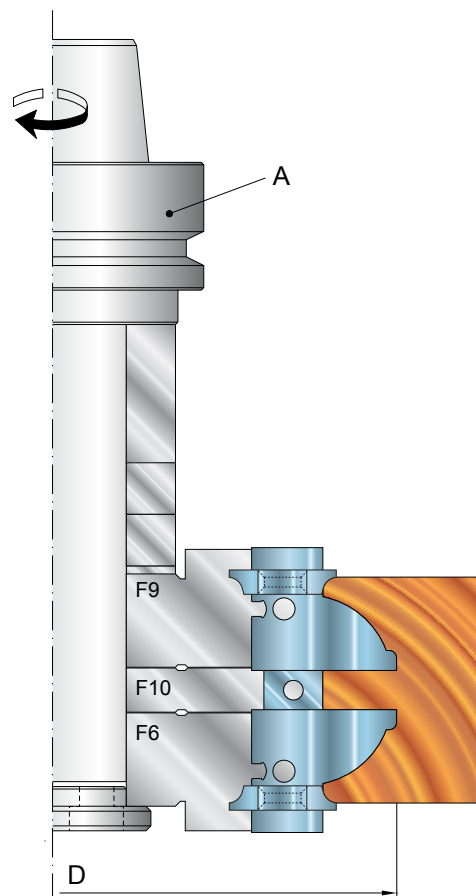


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

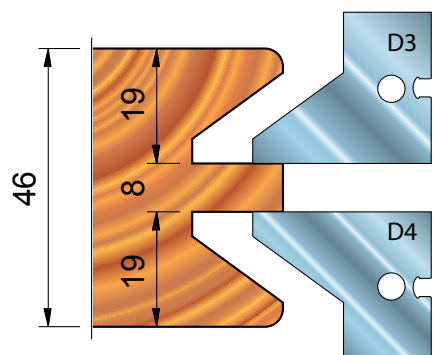
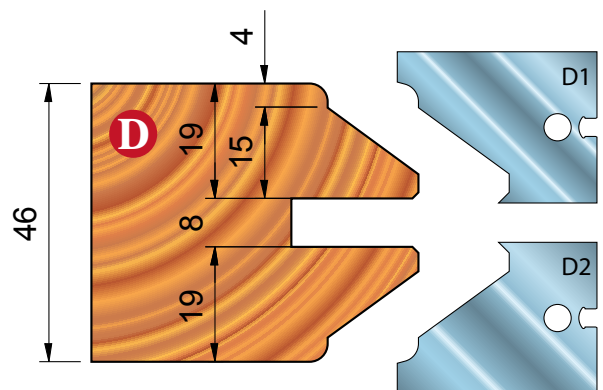
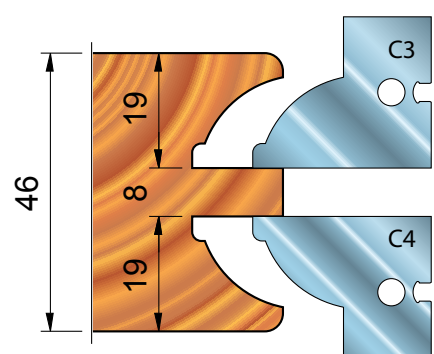
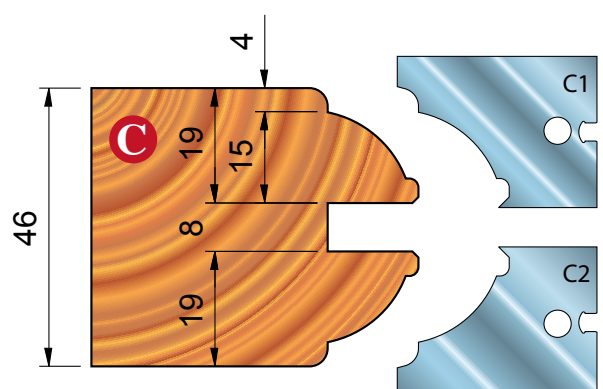
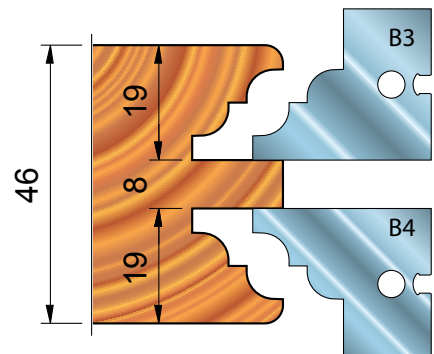
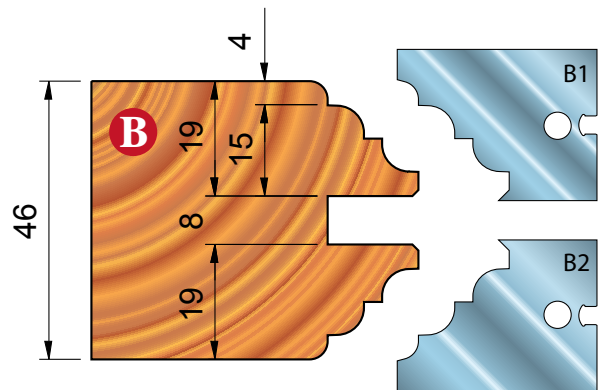
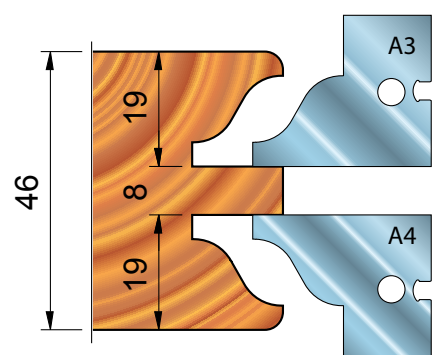
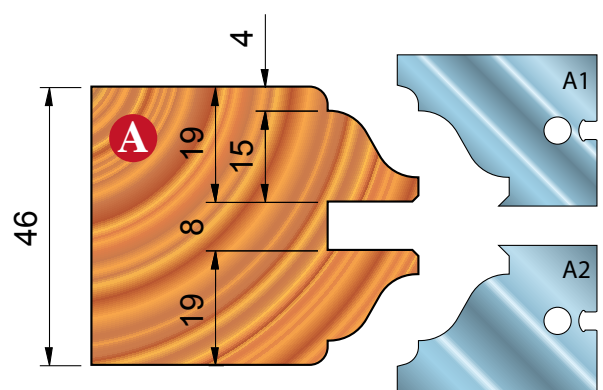
EN 847-1

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VINS3	VITE / SCREW	M5X10		F6-F9
RGT3	INSERTO / INSERT	R3		F6-F9
GRN2DX-SX	VITE / SCREW	M6 - M6		F10
LR.1	CUNEO / WEDGE	7.3mm		F10
012L96	COLTELLO / KNIFE	9.6X12X1.5		F10
GRN1DX-SX	VITE / SCREW	M8-M6		F6-F9
OGV1SB	OGIVA / NUT	M8		F6-F9
T24SB	CUNEO / WEDGE	24mm		F6-F9
CLP41Q/A3	COLTELLO / KNIFE	25X35X2		F9
CLP41Q/A4	COLTELLO / KNIFE	25X35X2		F6
CLP41Q/B3	COLTELLO / KNIFE	25X35X2		F9
CLP41Q/B4	COLTELLO / KNIFE	25X35X2		F6
CLP41Q/C3	COLTELLO / KNIFE	25X35X2		F9
CLP41Q/C4	COLTELLO / KNIFE	25X35X2		F6
CLP41Q/D3	COLTELLO / KNIFE	25X35X2		F9
CLP41Q/D4	COLTELLO / KNIFE	25X35X2		F6

Un profilo a scelta / A profile to choice



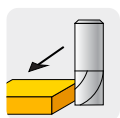
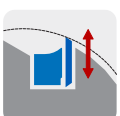
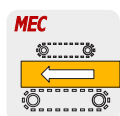
TPP41Q



TPP41Q

Gruppo per sagoma di porte con bugna riportata

CNC group for profile of doors with bead recovery



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

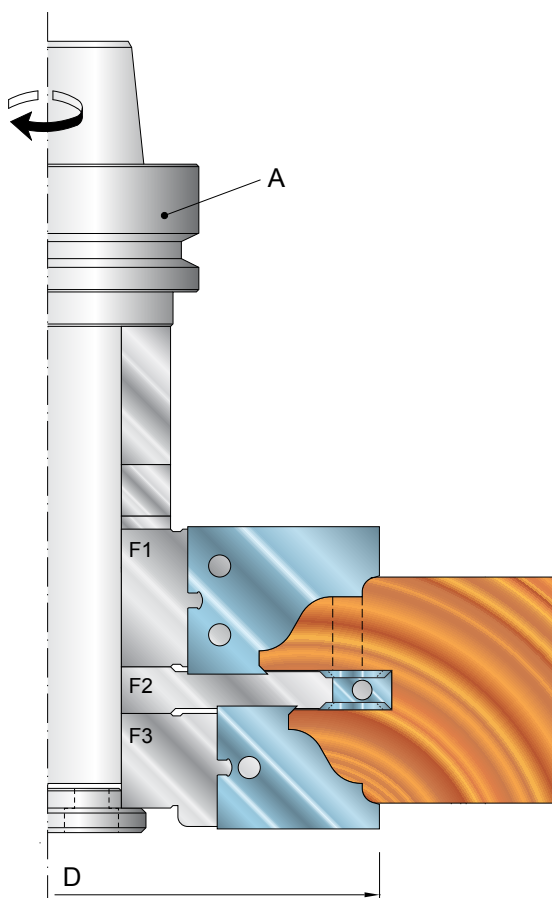
EN 847-1

CODICE CODE	D mm	A mm	Z
TPP41Q.003	140	HSK63-F - ISO30	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VRS6	VITE / SCREW	M5X7		F2
RSN2	RASANTE / SPUR	14X14X2		F2
GRN2DX-SX	VITE / SCREW	M6 - M6		F2
LR.1	CUNEO / WEDGE	7.3mm		F2
012L96	COLTELLO / KNIFE	9.6X12X1.5		F2
GRN1DX-SX	VITE / SCREW	M8-M6		F1-F3
OGIVA	OGIVA / NUT	M8		F1-F3
T24SB	CUNEO / WEDGE	24mm		F3
T29SB	CUNEO / WEDGE	29mm		F1
CLP41Q/A5	COLTELLO / KNIFE	30X35X2		F1
CLP41Q/A6	COLTELLO / KNIFE	25X35X2		F3
CLP41Q/B5	COLTELLO / KNIFE	30X35X2		F1
CLP41Q/B6	COLTELLO / KNIFE	25X35X2		F3
CLP41Q/C5	COLTELLO / KNIFE	30X35X2		F1
CLP41Q/C6	COLTELLO / KNIFE	25X35X2		F3
CLP41Q/D5	COLTELLO / KNIFE	30X35X2		F1
CLP41Q/D6	COLTELLO / KNIFE	25X35X2		F3

Un profilo a scelta / A profile to choice

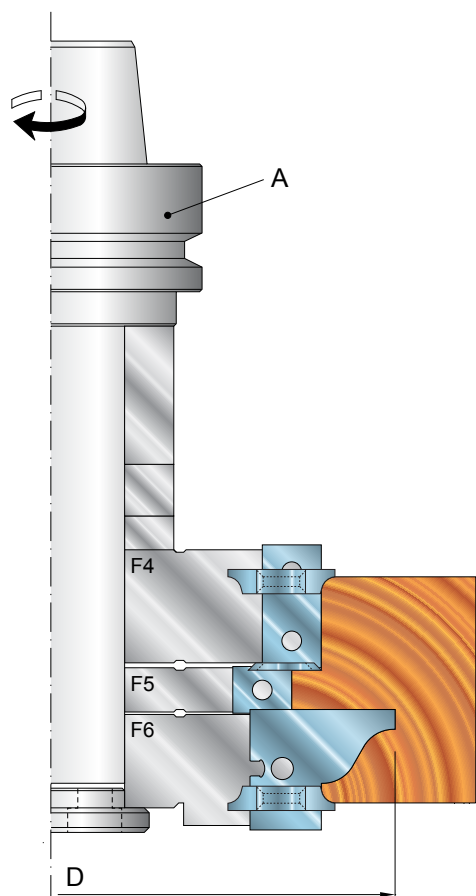
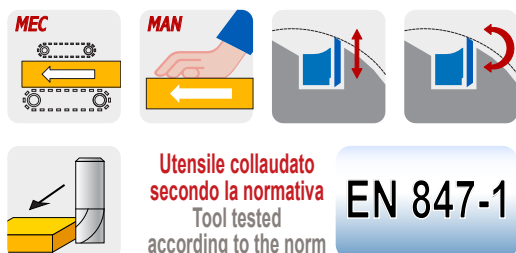
Q



TPP41Q

Gruppo per controsagoma di porte con bugna riportata

CNC group for counterprofile of doors with bead recovery

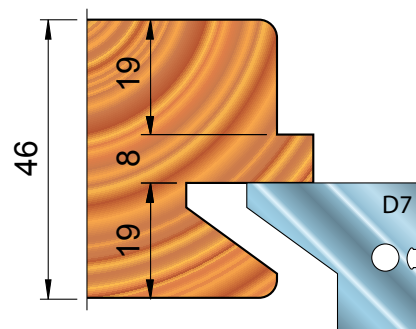
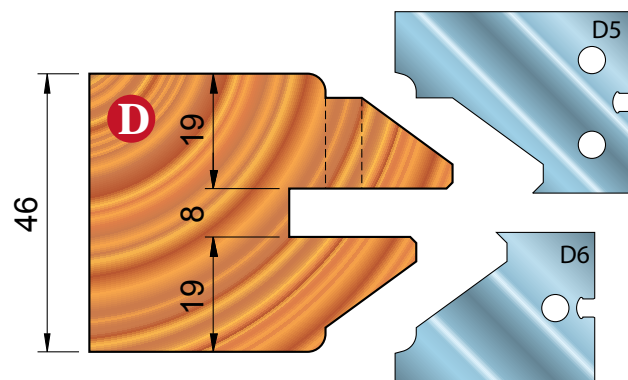
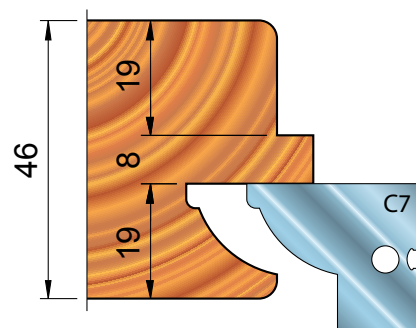
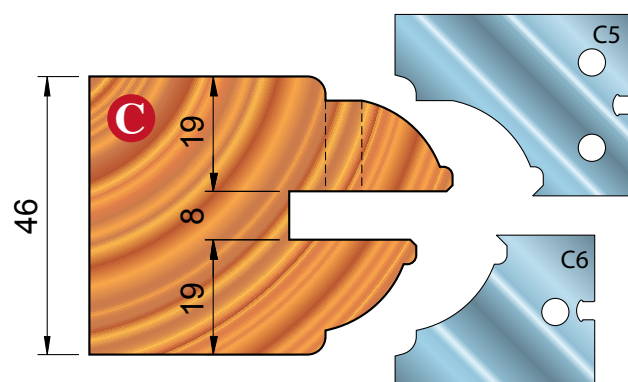
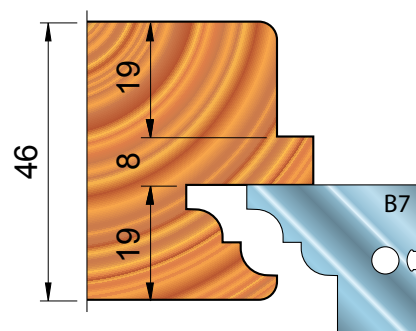
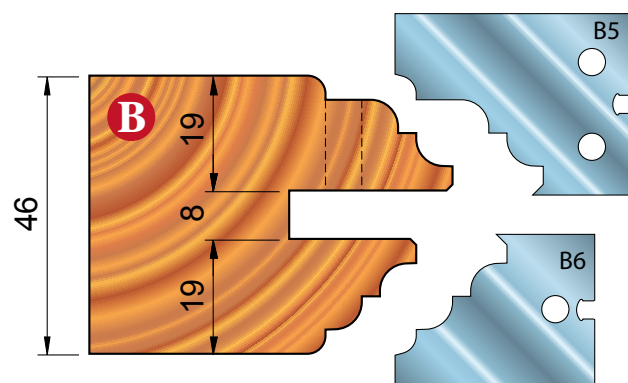
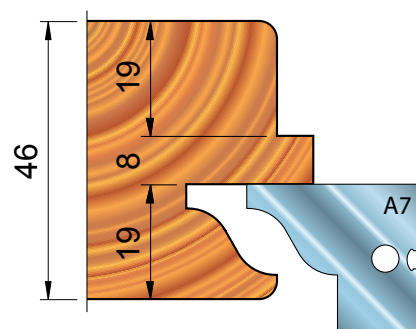
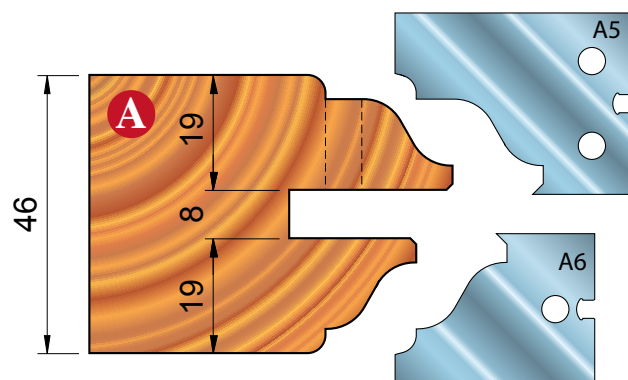


CODICE CODE	D mm	A mm	Z
TPP41Q.004	140	HSK63-F - ISO30	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
TOR1346	VITE / SCREW	M6X14		F4
RGT3	INSERTO/INSERT	R3		F4
GRN1	VITE / SCREW	M5X10		F4
CARRSX	SUPPORTOMOBILE	MOBILE SUPPORT		F4
GRN2DX-SX	VITE / SCREW	M6 - M6		F5
LR.1	CUNEO / WEDGE	7.3mm		F5
012L95	COLTELLO/KNIFE	9.6X12X1.5		F5
012L25	COLTELLO/KNIFE	25X12X1.5		F4
GRN1DX-SX	VITE / SCREW	M8-M6		F4-F6
OGV1SB	OGIVA / NUT	M8		F4-F6
T24SB	CUNEO / WEDGE	24mm		F4-F6
CLP41Q/A7	COLTELLO/KNIFE	25X35X2		F6
CLP41Q/B7	COLTELLO/KNIFE	25X35X2		F6
CLP41Q/C7	COLTELLO/KNIFE	25X35X2		F6
CLP41Q/D7	COLTELLO/KNIFE	25X35X2		F6

Un profilo a scelta / A profile to choice

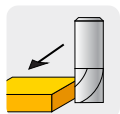
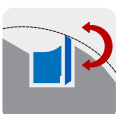
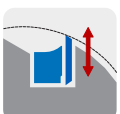
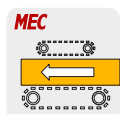




TPP42Q

Gruppo per squadature di porte

CNC group for profile doors frame

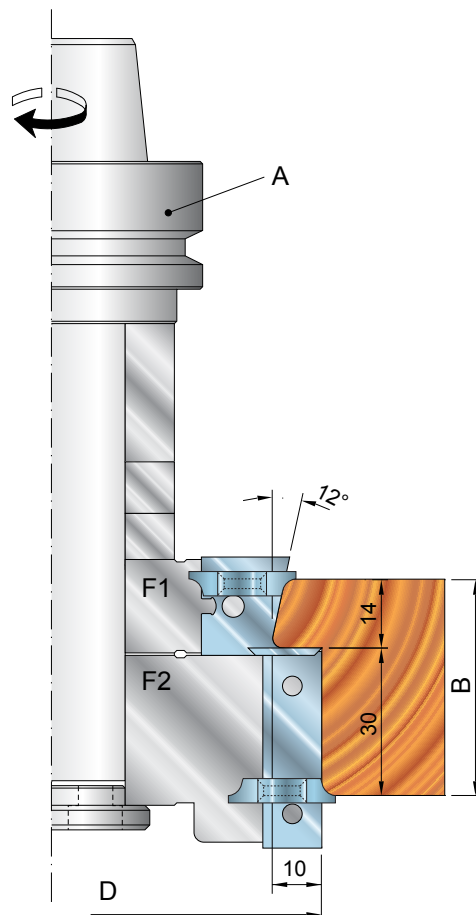


Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	D mm	B mm	A mm	Z
TPP42Q.001	100	44	HSK63-F - ISO30	2+2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VRS6	VITE / SCREW	M5X7		F2
RSN2	RASANTE / SPUR	14X14X2		F2
VINS3	VITE / SCREW	M5X10		F1
TOR1346	VITE / SCREW	M6X14		F2
RGT3	INSERTO/INSERT	R3		F1-F2
GRN3	VITE / SCREW	M8X12		F1-F2
T19SB	CUNEO / WEDGE	19mm		F1
T39SB	CUNEO / WEDGE	39mm		F2
012L40	COLTELLO/KNIFE	40X12X1.5		F2
CLP42Q	COLTELLO/KNIFE	20X20X2		F1



Q

CENTERINOX

TPP43Q

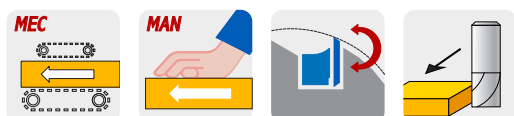
Gruppo per sede ferramenta

CNC group for hardware groove



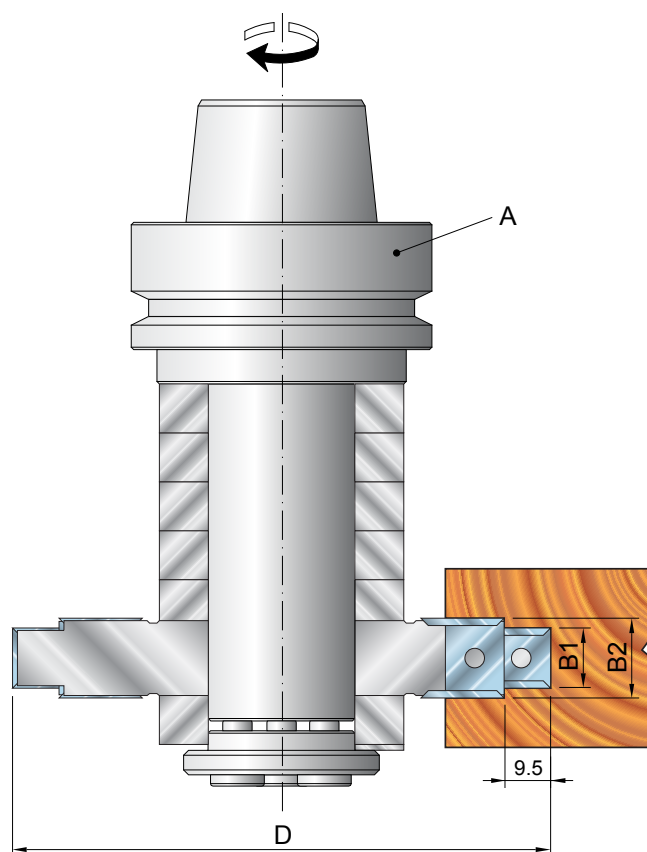
CODICE CODE	D mm	B1 mm	B2 mm	A	Z	V
TPP43Q.001	110	12.3	16.3	HSK63-F - ISO30	2+2	8

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRS6	VITE / SCREW	M5X7	
RSN2	RASANTE / SPUR	14X14X2	
GRN1DX-SX	VITE / SCREW	M8 - M6	
LR.2	CUNEO / WEDGE	10.8mm	
012L12	COLTELLO / KNIFE	12X12X1.5	
LR.3	CUNEO / WEDGE	13.7mm	
012L15	COLTELLO / KNIFE	15X12X1.5	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TPP44Q

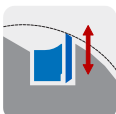
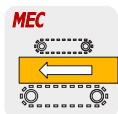
Punta per incisioni Z=2

CNC router bit for engravings Z=2



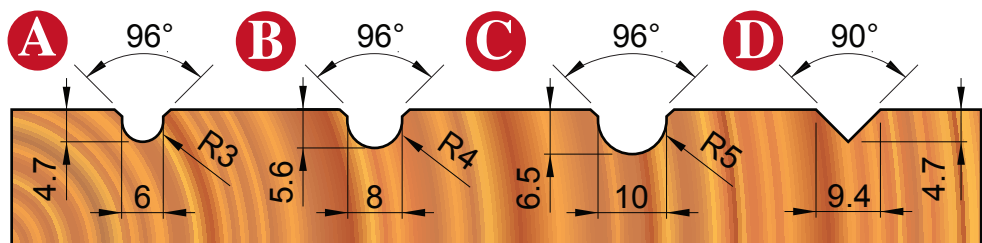
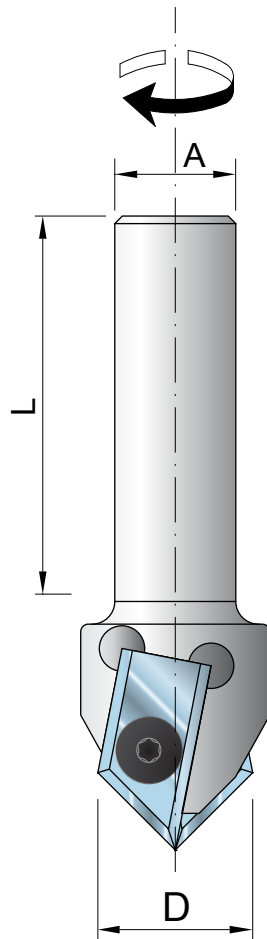
CODICE CODE	D mm	A / L mm	Z
TPP44Q.001	20	16x50	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRTX3	VITE / SCREW	M3.5X5	
CLP44Q/A	COLTELLO/KNIFE	20X12X1.5 - R3	
CLP44Q/B	COLTELLO/KNIFE	20X12X1.5 - R4	
CLP44Q/C	COLTELLO/KNIFE	20X12X1.5 - R5	
CLP44Q/D	COLTELLO/KNIFE	20X12X1.5 - 90°	
Un profilo a scelta / A profile to choice			



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



Q

CENTERINOX

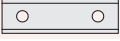
TPP70Q

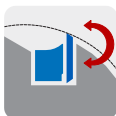
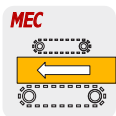
Punta per folding Z1+1

CNC router bit for folding Z1+1



CODICE CODE	D mm	B mm	A/L mm	LT	Z	RIF.
TPP70Q.001	42	18	20x50	80	1+1	A
TPP70Q.002	71	32	20x50	110	1+1	B
TPP70Q.003	85	39	25x50	130	1+1	C

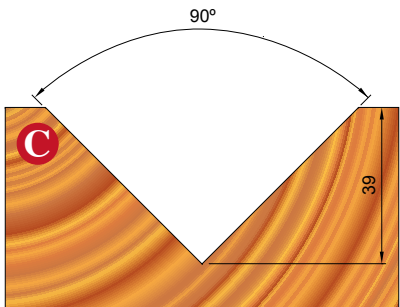
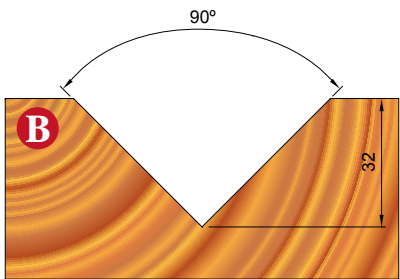
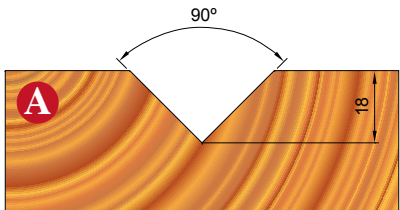
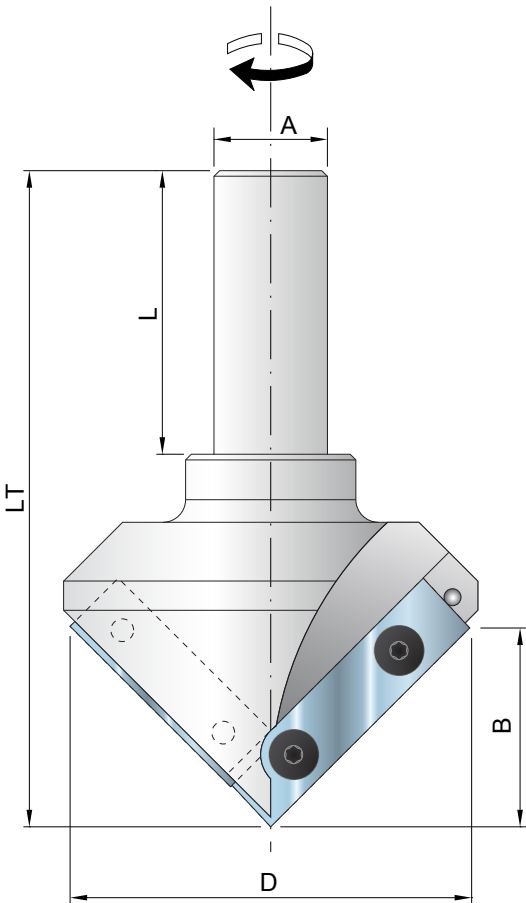
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
VRTX1	VITE / SCREW	M4X6 TORX		A-B-C
012L20	COLTELLO/KNIFE	20X12X1.5		A
012L30	COLTELLO/KNIFE	30X12X1.5		A
012L40	COLTELLO/KNIFE	40X12X1.5		B
012L50	COLTELLO/KNIFE	50X12X1.5		B-C
012L60	COLTELLO/KNIFE	60X12X1.5		C



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

Q



TPP71Q

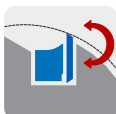
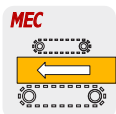
Punta per folding Z1

CNC router bit for folding Z1



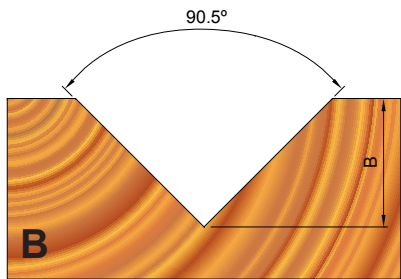
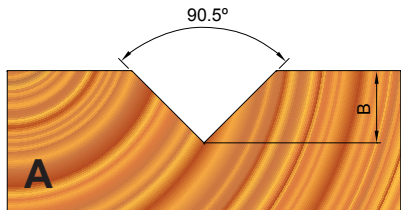
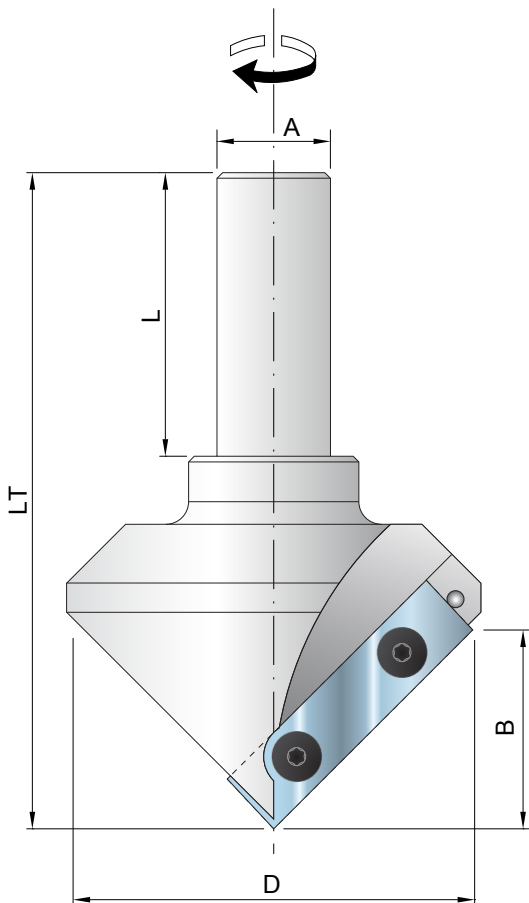
CODICE CODE	D mm	B mm	A/L mm	LT	Z	RIF.
TPP71Q.001	38	19	20x50	80	1	A
TPP71Q.002	65	34	25x50	110	1	B

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		Rif.
VRTX1	VITE / SCREW	M4X6 TORX 	A-B
012L30	COLTELLO/KNIFE	30X12X1.5 	A
012L50	COLTELLO/KNIFE	50X12X1.5 	B



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



Q

CENTERINOX

TPP72Q

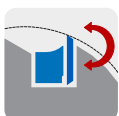
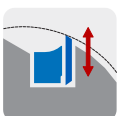
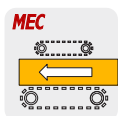
Punta per incisioni Z1

CNC router bit for engravings Z1



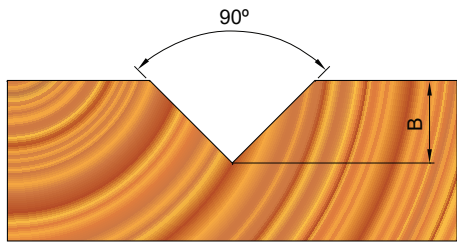
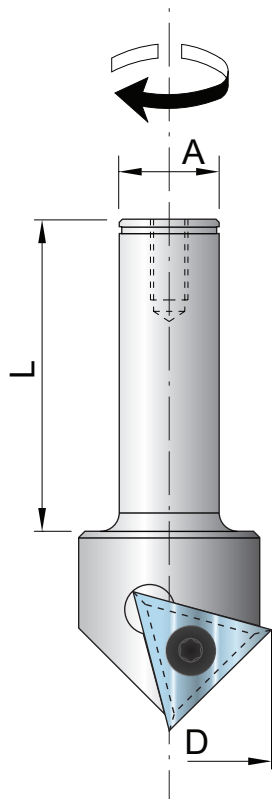
CODICE CODE	D mm	B mm	A/L mm	Z
TPP72Q.001	32.5	15	Ø20X50	1

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VRS6	VITE / SCREW	M5X7	
RSN4	RASANTE / SPUR	22.9X19.8X2.5	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



TPP73Q

Punta per incastri a coda di rondine

CNC router bit for dovetail



CODICE CODE	D mm	A/L mm	LT	Z	RIF.
TPP73Q.001	38	20x50	80	2	A
TPP73Q.002	65	25x50	110	2	B

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		Rif.
VRTX3	VITE / SCREW	M3.5X5 TORX 	A-B
012L30	COLTELLO/KNIFE	30X12X1.5 	A
012L50	COLTELLO/KNIFE	50X12X1.5 	B

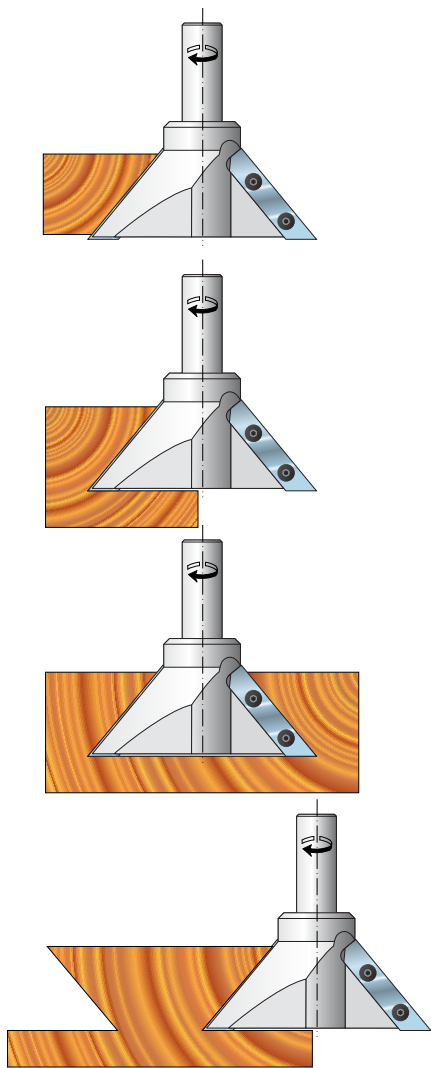
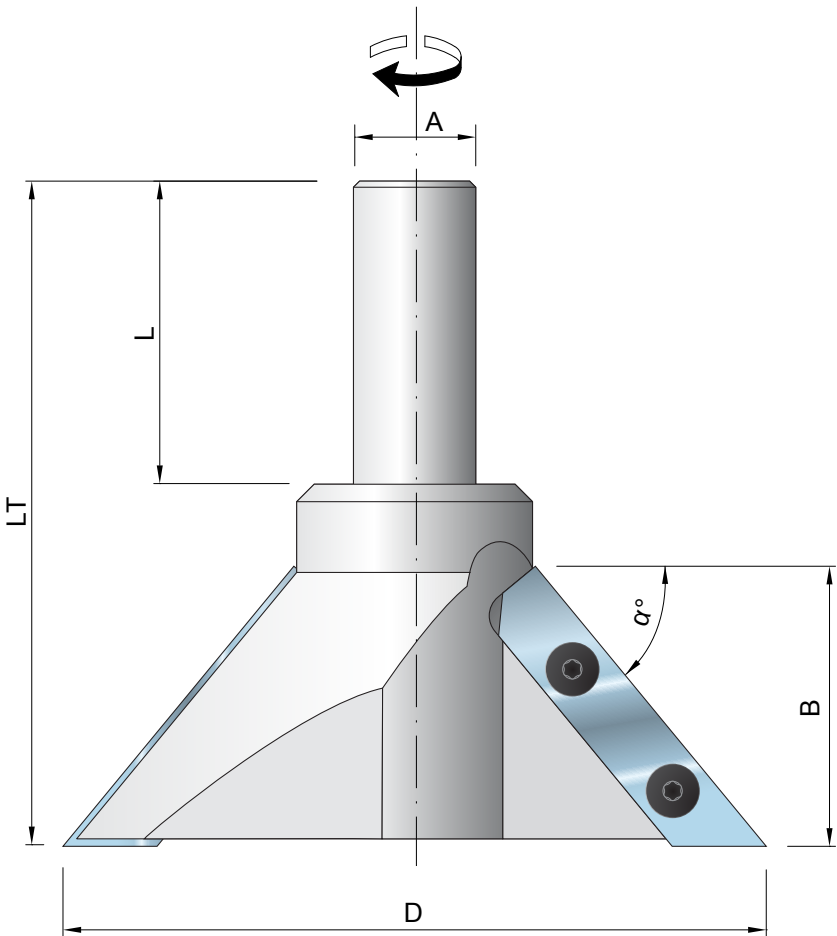
Misura (α) e (B) sta specificare in fase d'ordine

(α) and (B) dimension to be specified at the order



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



Q

CENTERINOX

TPP74Q

Punta per guida in alluminio

CNC router bit for aluminium guides



CODICE CODE	D mm	B mm	A/L mm	Z	Rif.
TPP74Q.001	27	27	Ø20X50	1	A
TPP74Q.002	30.1	27	Ø20X50	1	B
TPP74Q.003	25.8	27	Ø20X50	1	C
TPP74Q.004	27	27	Ø20X50	1	D
TPP74Q.005	27	27	Ø20X50	1	E
TPP74Q.006	24.2	27	Ø20X50	1	F

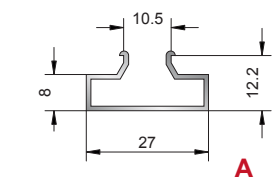
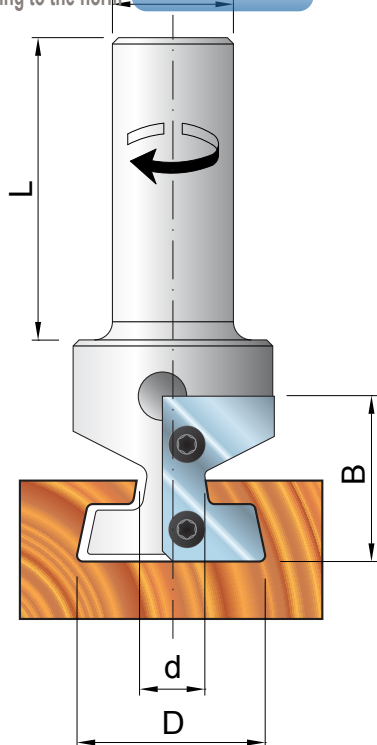
Un profilo a scelta / A profile to choice



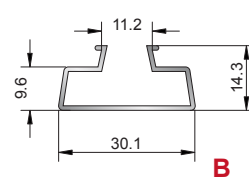
Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

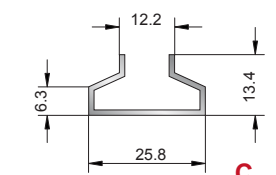
A



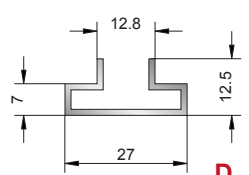
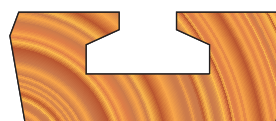
A



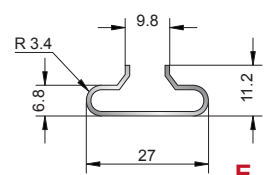
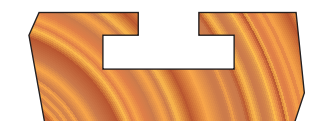
B



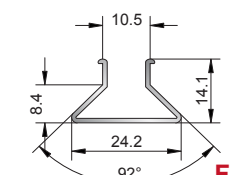
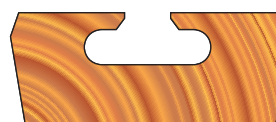
C



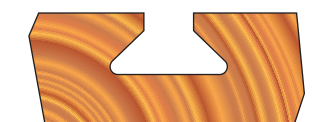
D



E



F



TPP75Q

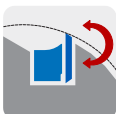
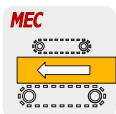
Punta per contornatura di pannelli impiallacciati

CNC Router bit for coated panels



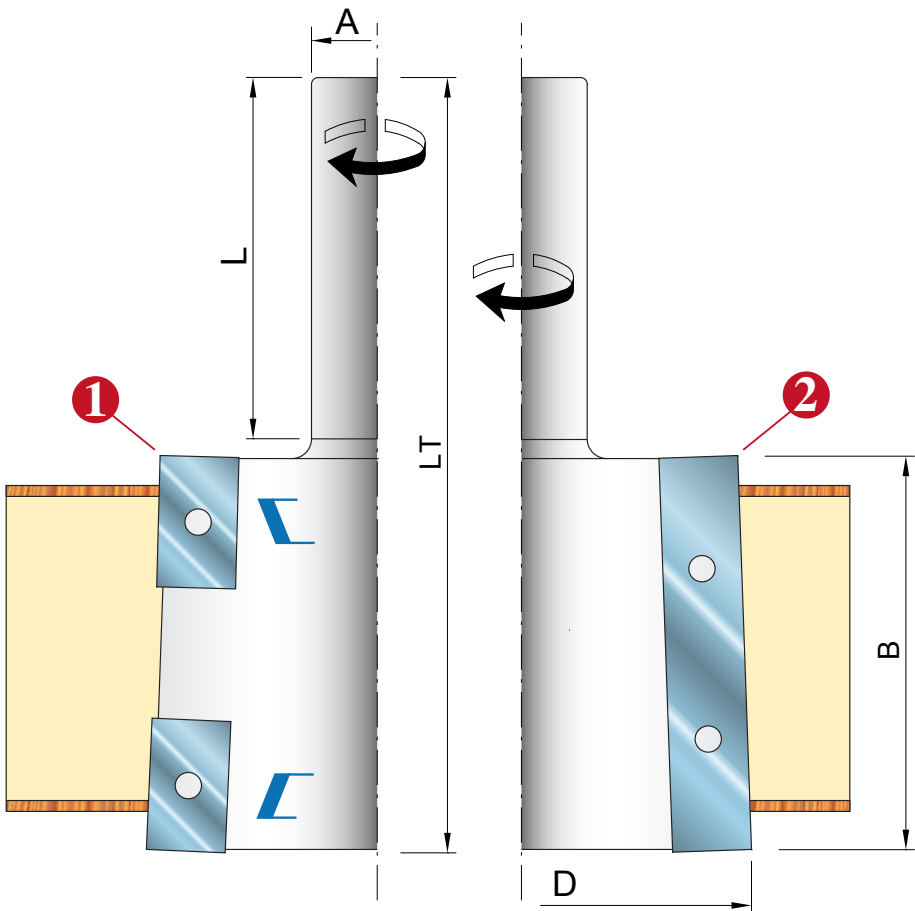
CODICE CODE	D mm	B mm	A/L mm	LT	Z
TPP75Q.001	70	60	20X50	118	2+4

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
GRN2	VITE / SCREW	M8X16		1-2
T19SB	CUNEO / WEDGE	19mm		1
T59SB	CUNEO / WEDGE	59mm		2
012L20	COLTELLO / KNIFE	20X12X1.5		1
012L60	COLTELLO / KNIFE	60X12X1.5		2



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



Q

TPP76Q

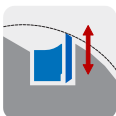
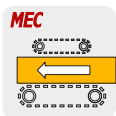
Punta porta coltelli zigrinati da 8mm

Serrated 8mm CNC router bits



CODICE CODE	D mm	B mm	A/L mm	LT	Z	Rif.
TPP76Q.001	78	40	Ø25X55	105	2	A
TPP76Q.002	78	60	Ø25X55	125	2	B
TPP76Q.003	78	80	Ø25X55	145	2	C

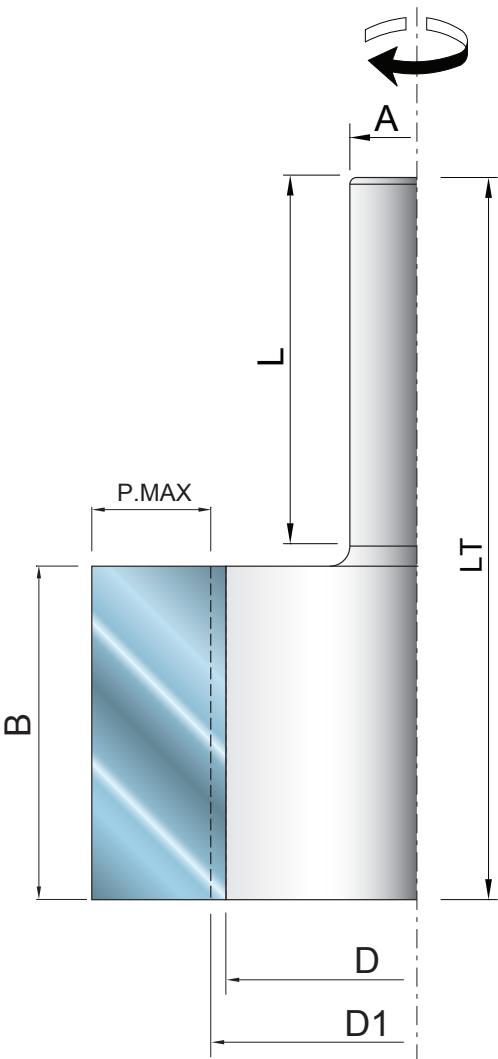
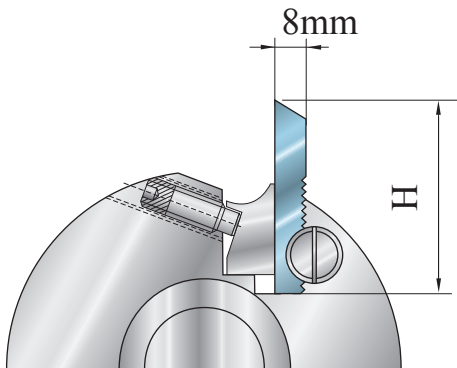
CODICE CODE	PARTI DI RICAMBIO SPARE PARTS			Rif.
GRN2	VITE / SCREW	M8X16		A-B-C
LAR40	CUNEO / WEDGE	L=40mm		A
LAR60	CUNEO / WEDGE	L=60mm		B
LAR80	CUNEO / WEDGE	L=80mm		C



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

Q



H mm	P.MAX mm	D1 mm
50	12	80
50	12	80
60	20	80
60	20	80
70	30	80
70	30	80

TPP78Q

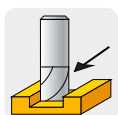
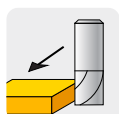
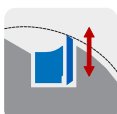
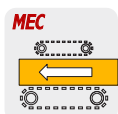
Fresa in acciaio antivibrazioni per serrature

Heavy-steel cutter for locks



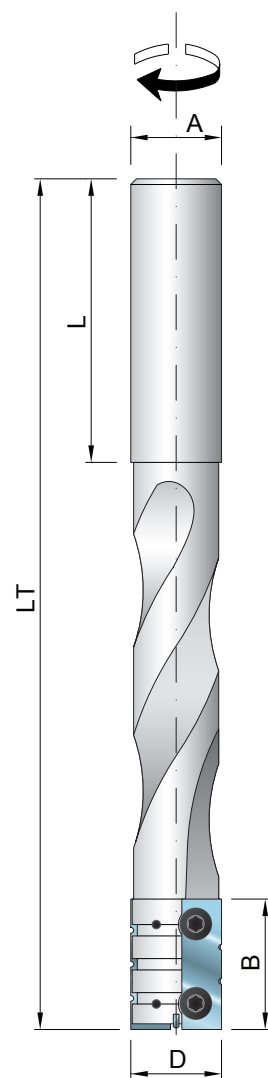
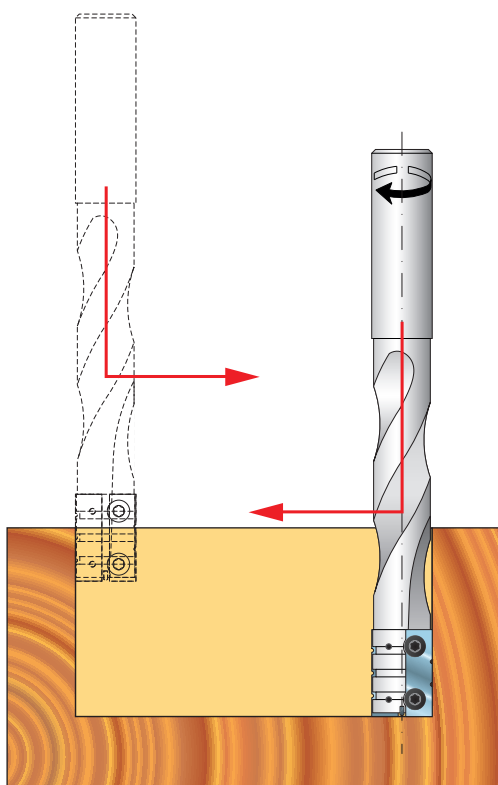
CODICE CODE	D mm	B mm	A/L mm	LT mm	Z
TPP78Q.001	16	16	Ø16X50	150	2
TPP78Q.002	16	23	Ø16X50	150	2
TPP78Q.003	18	28	Ø18X50	150	2

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS		
VT028	VITE / SCREW	M3X4 TORX	
CLP78Q/A1	COLTELLO / KNIFE	16X7X1.5	
CLP78Q/A2	COLTELLO / KNIFE	16X7X1.5	
CLP78Q/B1	COLTELLO / KNIFE	23X7X1.5	
CLP78Q/B2	COLTELLO / KNIFE	23X7X1.5	
CLP78Q/C1	COLTELLO / KNIFE	28X7X1.5	
CLP78Q/C2	COLTELLO / KNIFE	28X7X1.5	



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



Q

CENTERINOX

TPP79Q

Punta con coltelli sagomati su carrelli regolabili

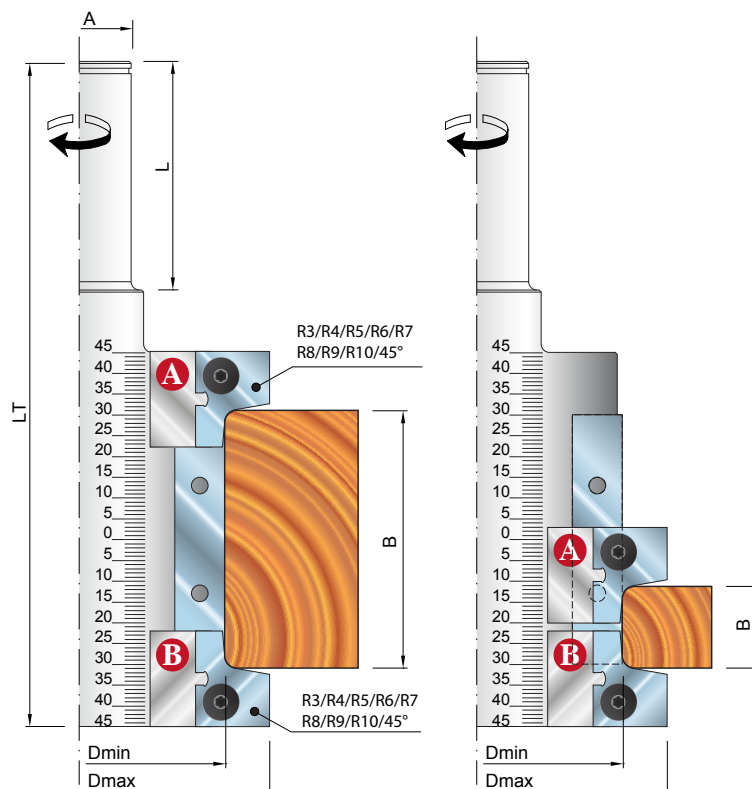
Router bit with adjustable profiled knives



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

CODICE CODE	Dmin mm	Dmax mm	A/L mm	LT	Z
TPP79.001	70	92	20x50	160	2



Q

CODICE CODE	PARTI DI RICAMBIO SPARE PARTS	
GRN6	VITE / SCREW	M8X20
CARR4-A	SUPPORTO MOBILE	
CARR4-B	SUPPORTO MOBILE	
GRN1DX-SX	VITE / SCREW	M8-M6
T59SB	CUNEO / WEDGE	59mm
012L50	COLTELLO / KNIFE	50X12X1.5
VRTX1	VITE / SCREW	M4X6 TORX

TABELLA PROGRAMMAZIONE / PLANNING TABLE

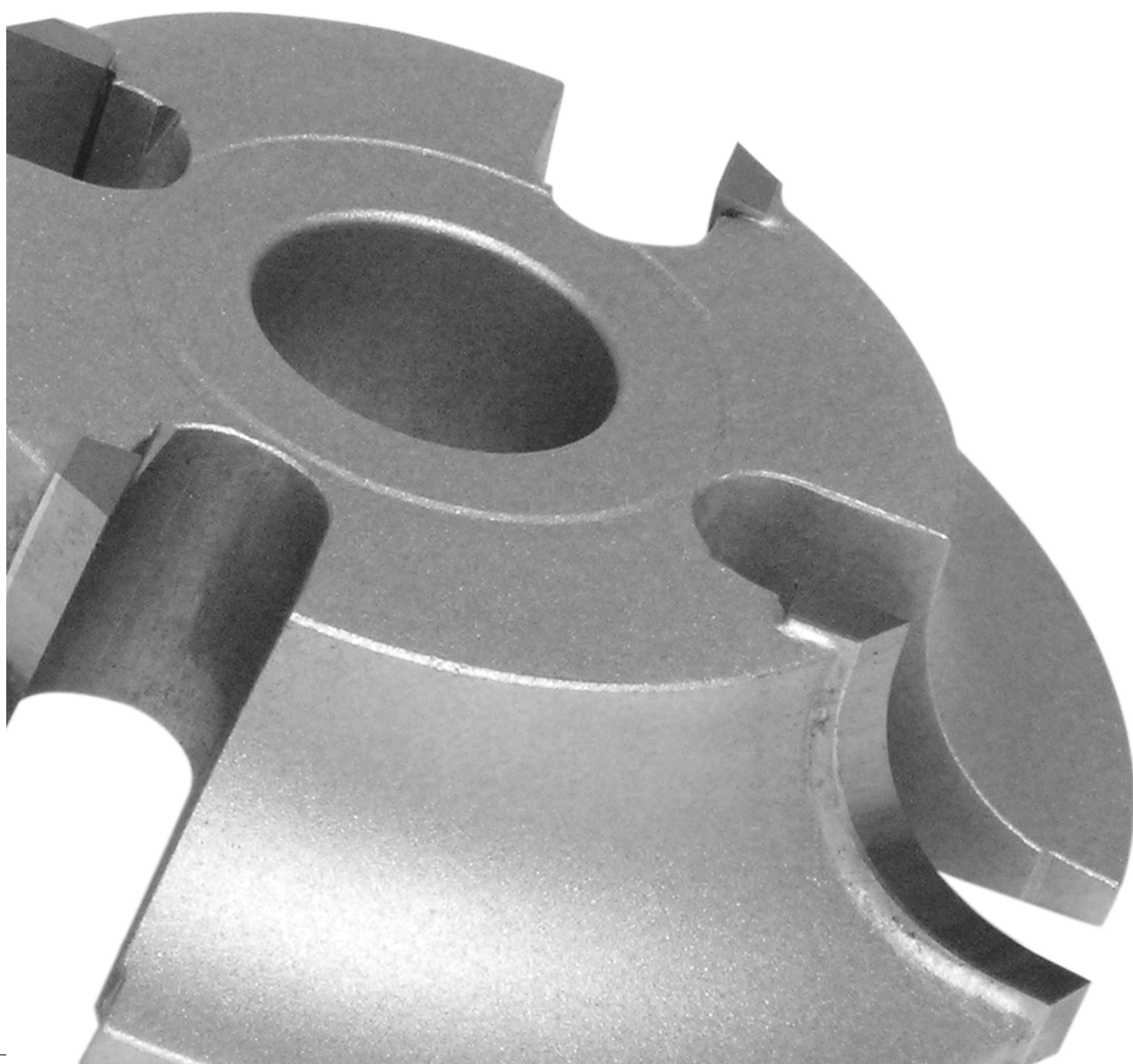
RAGGIO RADIUS	Bmin mm	Bmax mm
3	20	64
4	22	64
5	22	64
6	23	65
7	23	65
8	24	66
9	24	66
10	25	67
45°	24 (8.5X45°)	66

CODICE CODE	COLT. KNIFE	R	RIF	CODICE CODE	COLT. KNIFE	R	RIF
CLP79Q/R3B 27X20X2		3	B	CLT112D/R3A 27X20X2		3	A
CLP79Q/R4B 27X20X2		4	B	CLT112D/R4A 27X20X2		4	A
CLP79Q/R5B 27X20X2		5	B	CLT112D/R5A 27X20X2		5	A
CLP79Q/R6B 27X20X2		6	B	CLT112D/R6A 27X20X2		6	A
CLP79Q/R7B 27X20X2		7	B	CLT112D/R7A 27X20X2		7	A
CLP79Q/R8B 27X20X2		8	B	CLT112D/R8A 27X20X2		8	A
CLP79Q/R9B 27X20X2		9	B	CLT112D/R9A 27X20X2		9	A
CLP79Q/R10B 27X20X2		10	B	CLT112D/R10A 27X20X2		10	A
CLP79Q/45B 27X20X2		45°	B	CLT112D/45A 27X20X2		45°	A



FRESE SALDOBRASATE
BRAZED CUTTERHEADS

SEZIONE R
SECTION R





Fresa per incastri senza rasanti
Cutter for grooves without trimmers

FSB1R
pag.300



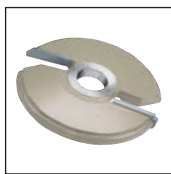
Fresa per incastri con rasanti
Cutter for grooves with trimmers

FSB2R
pag.301



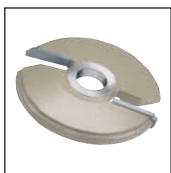
Fresa per incastri regolabili con anelli
Cutter for adjustable grooves with rings

FSB3R
pag.302



Fresa per piattabande
Panel raising cutterhead

FSB11R
pag.303



Fresa per piattabande
Panel raising cutterhead

FSB12R
pag.304



Frese concave per quarti di tondo
Concave cutters for quarter circles

FSB13R
pag.305



Frese convesse per quarti di tondo
Convex cutters for quarter circles

FSB14R
pag.306



Frese concave per mezzi tondi
Concave cutterheads for half circles

FSB15R
pag.307



Frese convesse per mezzi tondi
Convex cutters for half circles

FSB16R
pag.308

FSB1R

Fresa per incastri senza rasanti

Cutter for grooves without trimmers

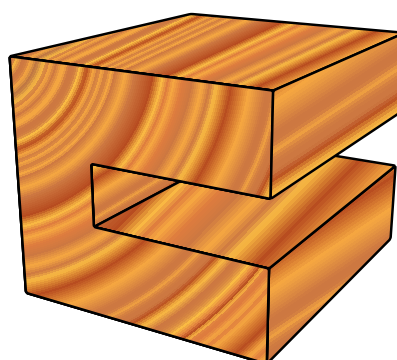
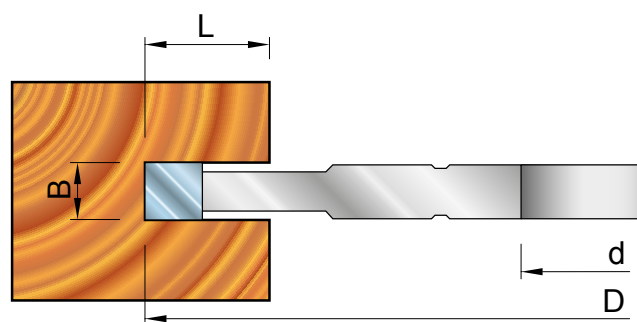


CODICE CODE	D mm	B mm	d mm	L mm	Z
FSB1R.001	150	4	35/40	0÷40	6
FSB1R.002	150	5	35/40	0÷40	6
FSB1R.003	150	6	35/40	0÷40	6
FSB1R.004	150	8	35/40	0÷40	6
FSB1R.005	150	10	35/40	0÷40	6
FSB1R.006	150	12	35/40	0÷40	6
FSB1R.007	150	14	35/40	0÷40	6
FSB1R.008	150	16	35/40	0÷40	6
FSB1R.009	150	18	35/40	0÷40	6
FSB1R.010	150	20	35/40	0÷40	6



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



FSB2R

Fresa per incastri con rasanti

Cutter for grooves with trimmers

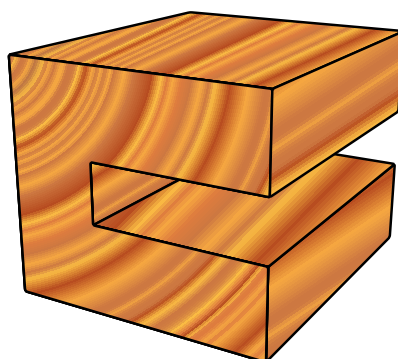
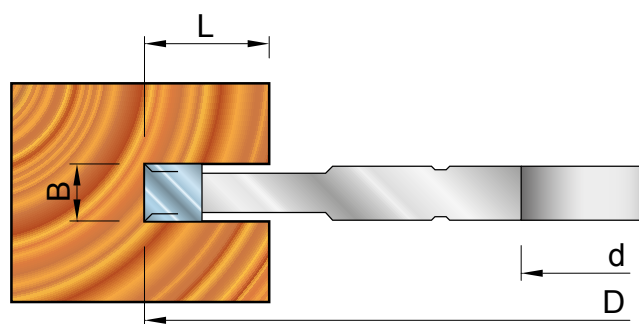


CODICE CODE	D mm	B mm	d mm	L mm	Z
FSB2R.001	150	4	35/40	0÷40	4+4
FSB2R.002	150	5	35/40	0÷40	4+4
FSB2R.003	150	6	35/40	0÷40	4+4
FSB2R.004	150	8	35/40	0÷40	4+4
FSB2R.005	150	10	35/40	0÷40	4+4
FSB2R.006	150	12	35/40	0÷40	4+4
FSB2R.007	150	14	35/40	0÷40	4+4
FSB2R.008	150	16	35/40	0÷40	4+4
FSB2R.009	150	18	35/40	0÷40	4+4
FSB2R.010	150	20	35/40	0÷40	4+4



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



FSB3R

Fresa per incastri regolabili con anelli

Cutter for adjustable grooves with rings

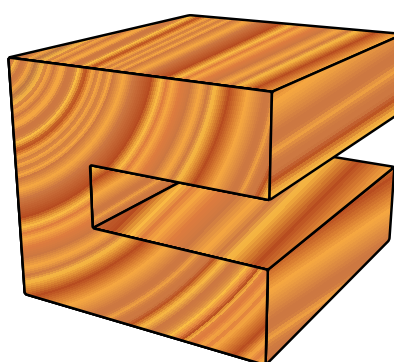
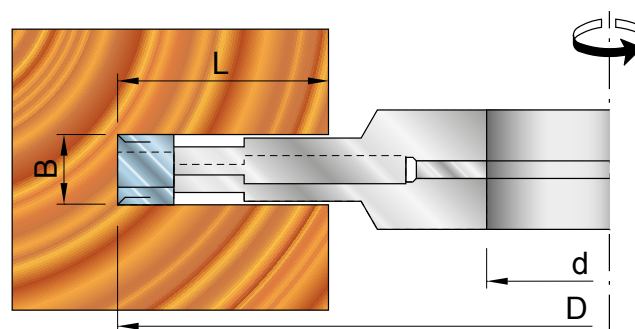


CODICE CODE	D mm	B mm	d mm	L mm	Z
FSB3R.002	150	4÷7.5	35/40	0÷40	4+4
FSB3R.003	150	7.5÷14.5	35/40	0÷40	4+4
FSB3R.004	160	10÷19	35/40	0÷45	4+4



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

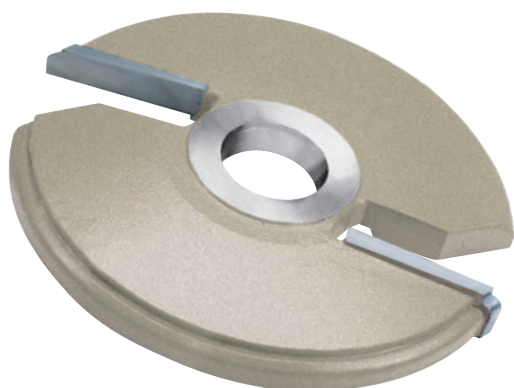


R

FSB11R

Fresa per piattabande

Panel raising cutterhead

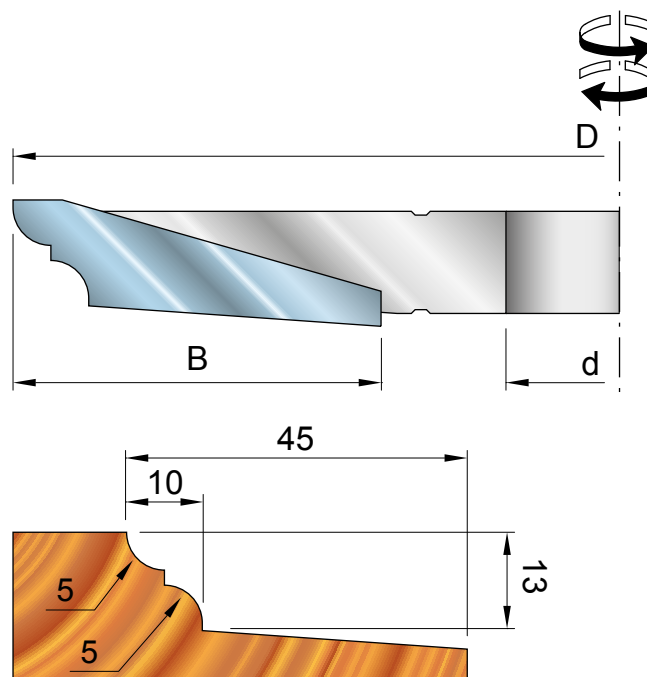


CODICE CODE	D mm	B mm	d mm	Z	Rotazione Rotation	RIF
FSB11R.001	160	50	35/40	2		A
FSB11R.002	160	50	35/40	2		B



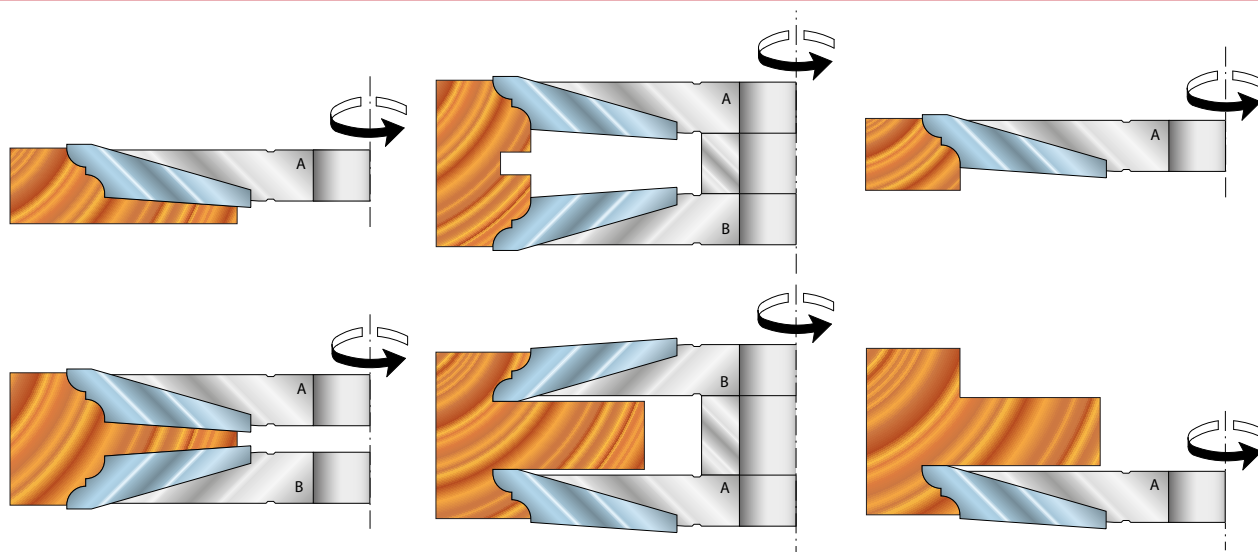
Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



R

Esempi di lavorazione

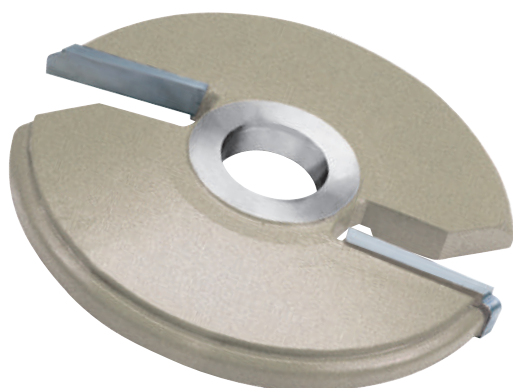


CENTERINOX

FSB12R

Fresa per piattabande

Panel raising cutterhead

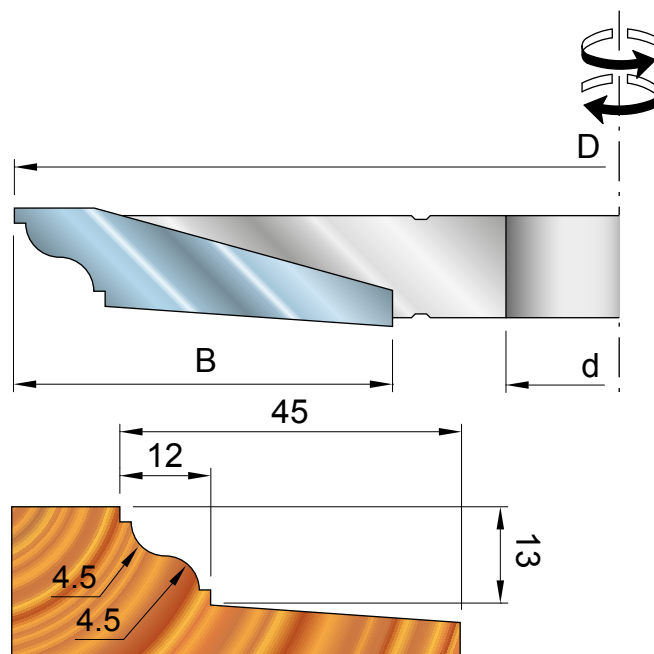


CODICE CODE	D mm	B mm	d mm	Z	Rotazione Rotation	RIF
FSB12R.001	160	50	35/40	2		A
FSB12R.002	160	50	35/40	2		B



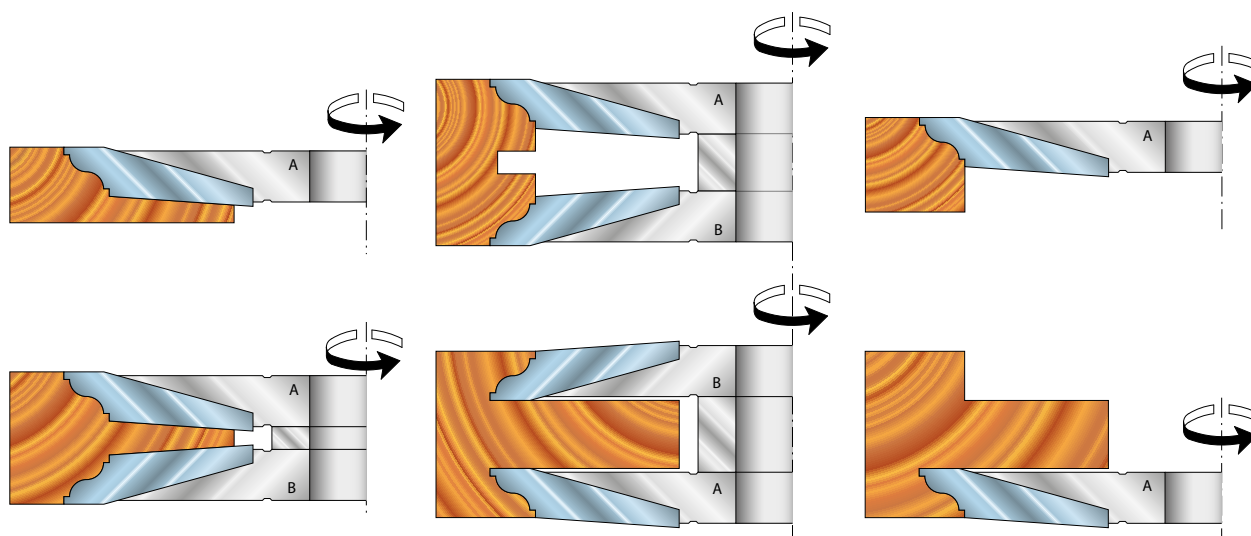
Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



R

Esempi di lavorazione



FSB13R

Frese concave per quarti di tondo

Concave cutters for quarter circles



CODICE CODE	D mm	R mm	d mm	Z
FSB13R.001	140	5	35/40	4
FSB13R.002	140	7.5	35/40	4
FSB13R.003	140	10	35/40	4
FSB13R.004	140	12.5	35/40	4
FSB13R.005	140	15	35/40	4
FSB13R.006	140	20	35/40	4
FSB13R.007	160	25	35/40	4
FSB13R.008	160	30	35/40	4
FSB13R.009	180	35	35/40	4
FSB13R.010	180	40	35/40	4
FSB13R.011	200	50	35/40	4

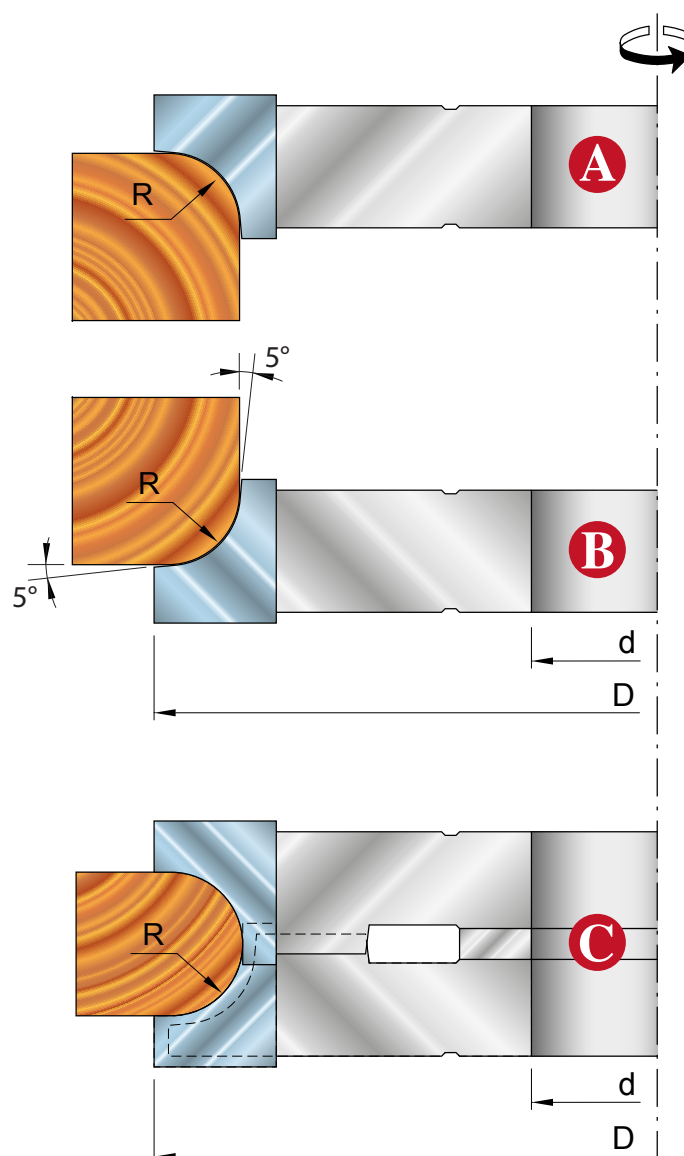
* In fase di ordine precisare posizione A - B - C

* When ordering indicate type A - B - C



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



R

CENTERINOX

FSB14R

Frese convesse per quarti di tondo

Convex cutters for quarter circles



CODICE CODE	D mm	R mm	d mm	Z
FSB14R.001	140	5	35/40	4
FSB14R.002	140	7.5	35/40	4
FSB14R.003	140	10	35/40	4
FSB14R.004	140	12.5	35/40	4
FSB14R.005	140	15	35/40	4
FSB14R.006	140	20	35/40	4
FSB14R.007	160	25	35/40	4
FSB14R.008	160	30	35/40	4
FSB14R.009	160	35	35/40	4
FSB14R.010	160	40	35/40	4
FSB14R.011	180	50	35/40	4

* In fase di ordine precisare posizione A - B

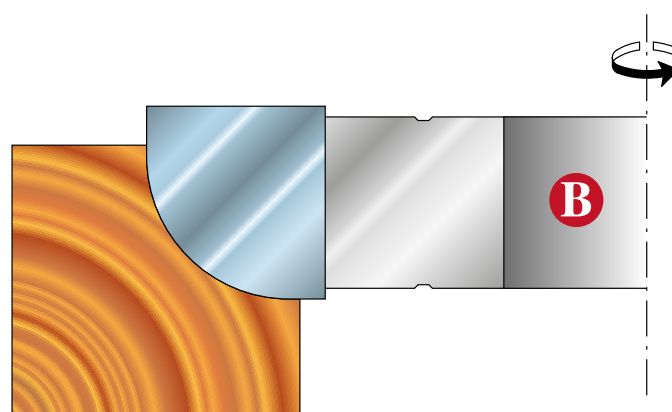
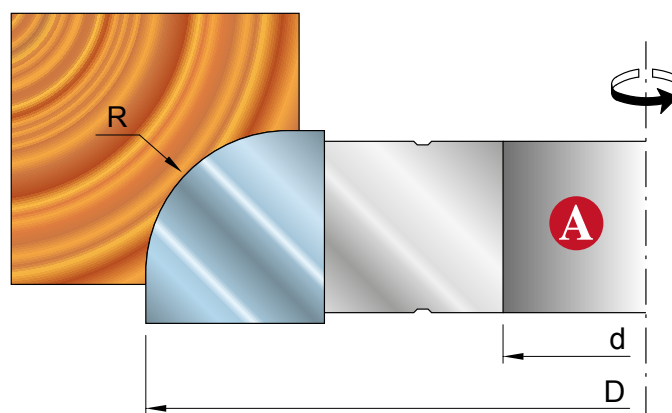
* When ordering indicate type A - B



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1

R



FSB15R

Frese concave per mezzi tondi

Concave cutterheads for half circles

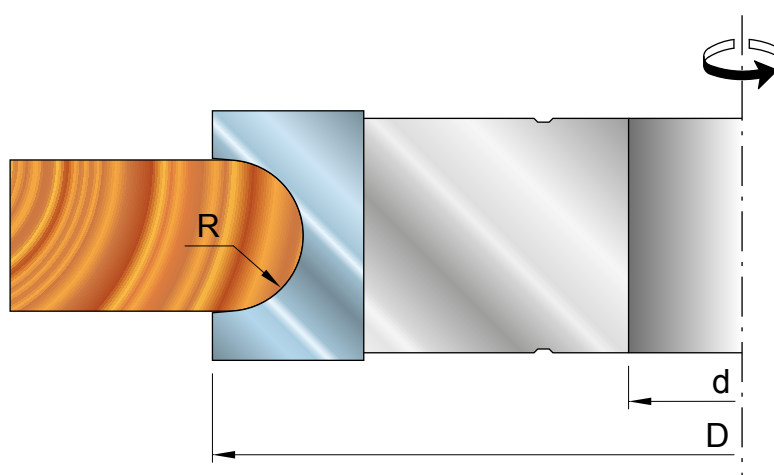


CODICE CODE	D mm	R mm	d mm	Z
FSB15R.001	140	4	35/40	4
FSB15R.002	140	5	35/40	4
FSB15R.003	140	5.5	35/40	4
FSB15R.004	140	6	35/40	4
FSB15R.005	140	7.5	35/40	4
FSB15R.006	140	10	35/40	4
FSB15R.007	140	12.5	35/40	4
FSB15R.008	140	15	35/40	4
FSB15R.009	140	20	35/40	4



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



R

FSB16R

Frese convesse per mezzi tondi

Convex cutters for half circles

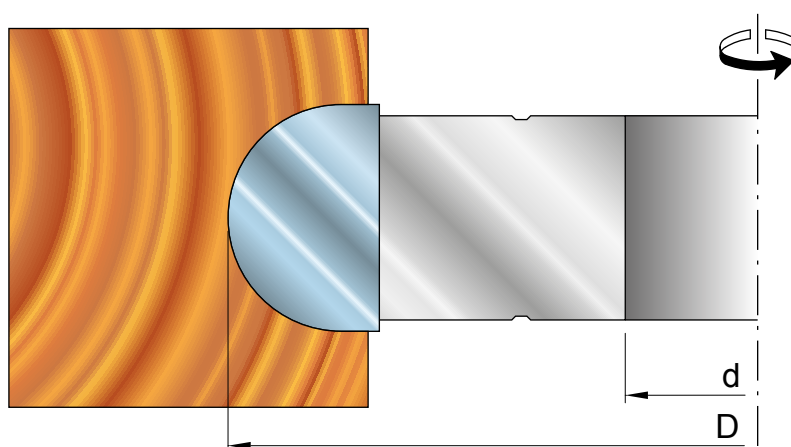


CODICE CODE	D mm	R mm	d mm	Z
FSB16R.001	140	4	35/40	4
FSB16R.002	140	5	35/40	4
FSB16R.003	140	5.5	35/40	4
FSB16R.004	140	6	35/40	4
FSB16R.005	140	7.5	35/40	4
FSB16R.006	140	10	35/40	4
FSB16R.007	140	12.5	35/40	4
FSB16R.008	140	15	35/40	4
FSB16R.009	140	20	35/40	4



Utensile collaudato
secondo la normativa
Tool tested
according to the norm

EN 847-1



R

Soluzioni Individuali Individual Solutions per il Tuo Serramento for Your Window

L'infisso è il componente più importante della struttura abitativa è importante quindi avere una finestra ad alte prestazioni con un basso valore di trasmittanza termica (U_w), al fine di minimizzare perdite di energia.

Nel caso di interventi di riqualificazione energetica, per ottenere i risultati desiderati, non è sufficiente acquistare le finestre con un rendimento elevato ma occorre la collaborazione di un'azienda specializzata nel proporre il design e i materiali del serramento in base alla zona climatica d'appartenenza.

Le caratteristiche che dovrebbe avere un infisso per garantire il comfort interno ottimale sono :

- buon controllo della luce naturale (vetro)
- resistenza agli agenti atmosferici
- buon isolamento termico (basso valore U_w)
- buon isolamento acustico
- durata nel tempo

Le prestazioni di una finestra non dipendono soltanto dal materiale utilizzato per la sua costruzione (legno , alluminio , PVC) ma anche dalla scelta del vetro da montare. Investire in nuove finestre con doppi vetri è una scelta che verrà ripagata con una sensibile riduzione dei consumi energetici.

E' inoltre importante affidarsi ad aziende specializzate in installazione di serramenti, per non compromettere l'obiettivo finale che si voleva ottenere in termini di isolamento termico e acustico.

L'infisso

Window concept

Windows are the most crucial component of the building envelope, because they are usually responsible of the heat losses.

It is important to have high performance window with a low thermal transmittance value of U_w , in order to minimize heat losses.

In the case of redevelopment energy, to achieve the desired results, however, is not enough buy windows with an high performance, but it also calls for proper installation, which must be done by specialized company, able to guide you in choosing the right windows and doors themselves.

An incorrect installation can compromise the ultimate goal in terms of thermal / acoustic insulation that you wanted to get.

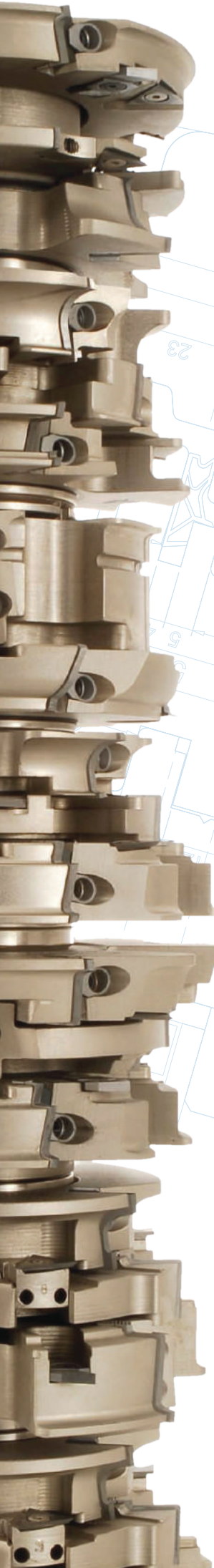
With specialized company who guide you to choice the right way to design window and material for build, it you can reach not only a good thermal insulation but also for the acoustic .

The features that should have the doors and windows to ensure optimum indoor comfort are:

- good control of natural light
- Resistance to atmospheric agents
- good thermal insulation (low U_w -value)
- good sound insulation
- Long life

The performance of a window, does not only depend on the material used for its construction (wood, aluminum, PVC) but also by the type of glass inserted.

Investing in new windows and double glazing is a choice that is repaid by the reduction of energy consumption .



L'infisso
Window concept

Modelli di infisso
Window type

Sophia 68/78

Sophia 92

Alba 68/78

Alba 68/78 L-A

Lisa 2217

Legal 68

IV 58

IV 68

IV 78

IV 78/88

IV 92

Modello Inglese

Modello Spagnolo

Modello Scandinavo

Modello Francese

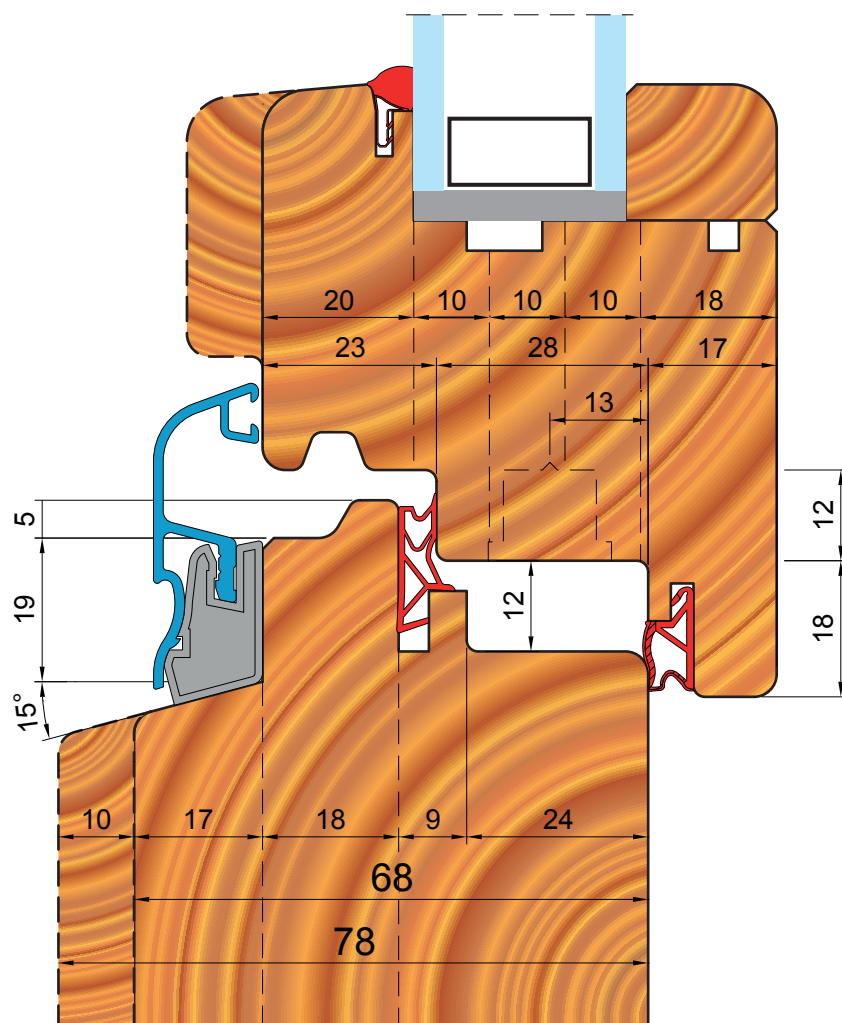
Modello Svizzero

Modello Portoghese

SOPHIA 68-78

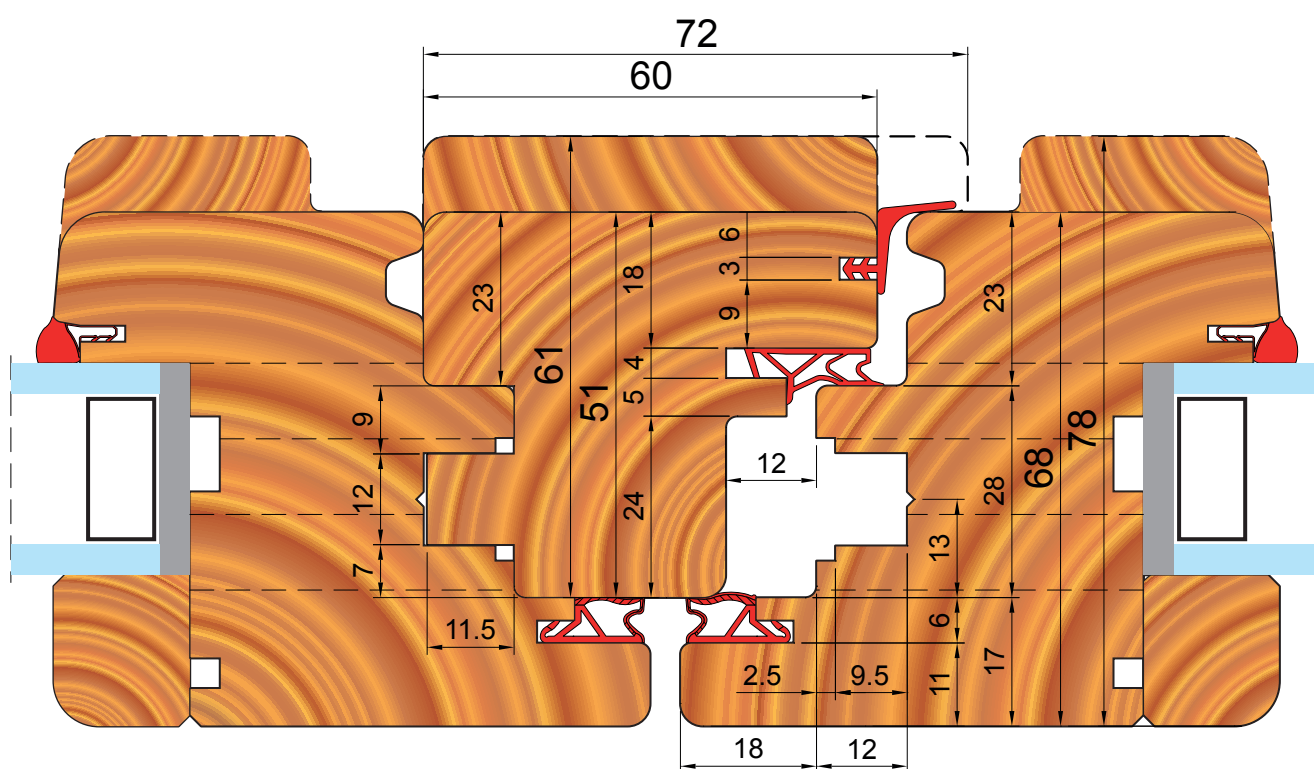
SEZIONE VERTICALE VERTICAL SECTION

Battente e telaio 68/78 mm.
Doppia spina sul battente e spina singola sul telaio.
Guarnizione acustica sul battente e guarnizione di tenuta sul vetro.
Ferramenta asse 13.
Tenoncino di tenuta sul battente.
Femmina del telaio superiore ed inferiore uguale.
Soglia portabalcone con taglio termico
Possibilità di realizzare versione tutto legno.



SOPHIA68-78

SEZIONE ORIZZONTALE MONTANTINO AGGIUNTO
HORIZONTAL SECTION ADDITIONAL JAMB



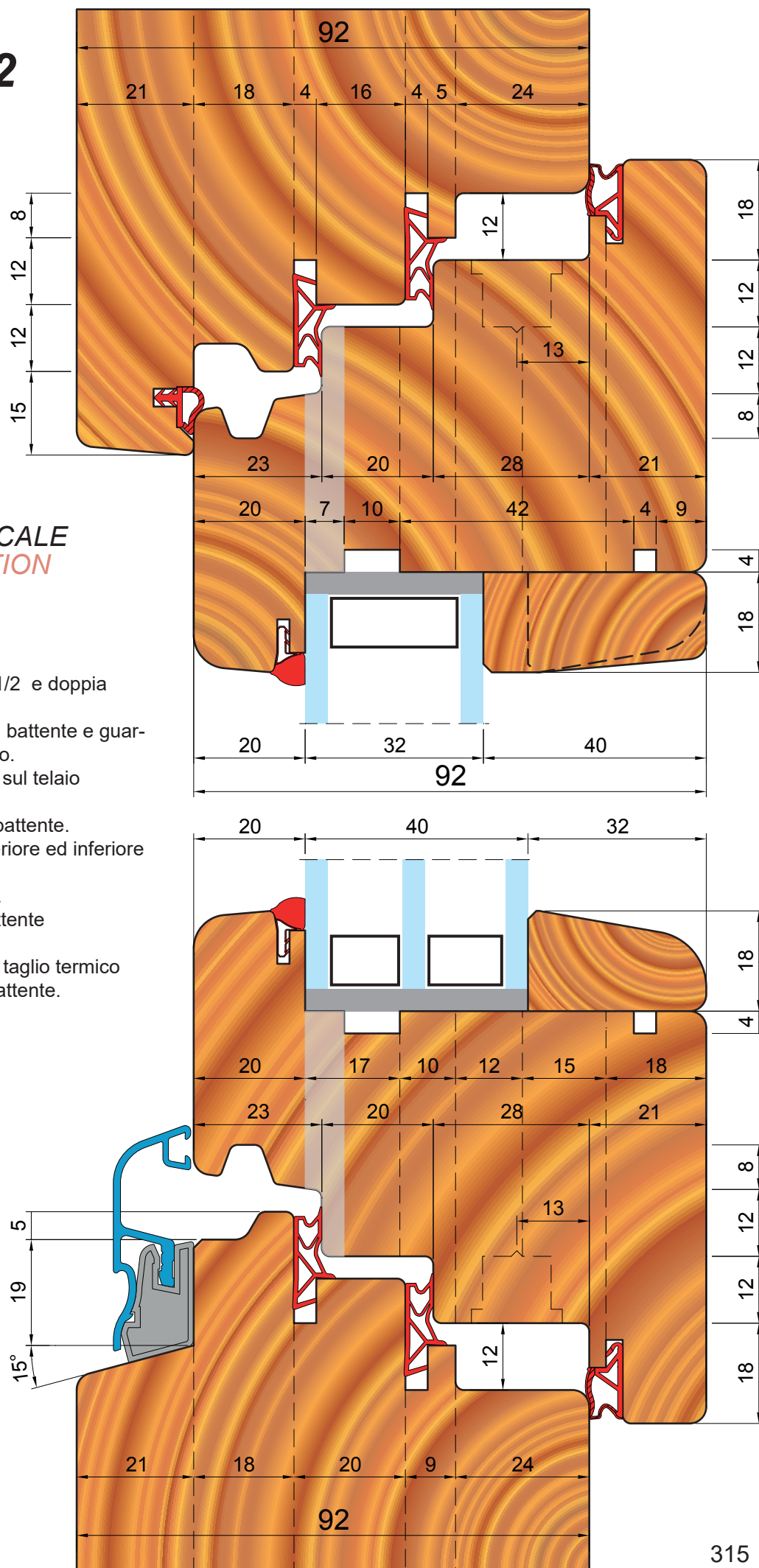
SEZIONE VERTICALE PORTA FINESTRA
VERTICAL SECTION FRENCH DOOR



SOPHIA92

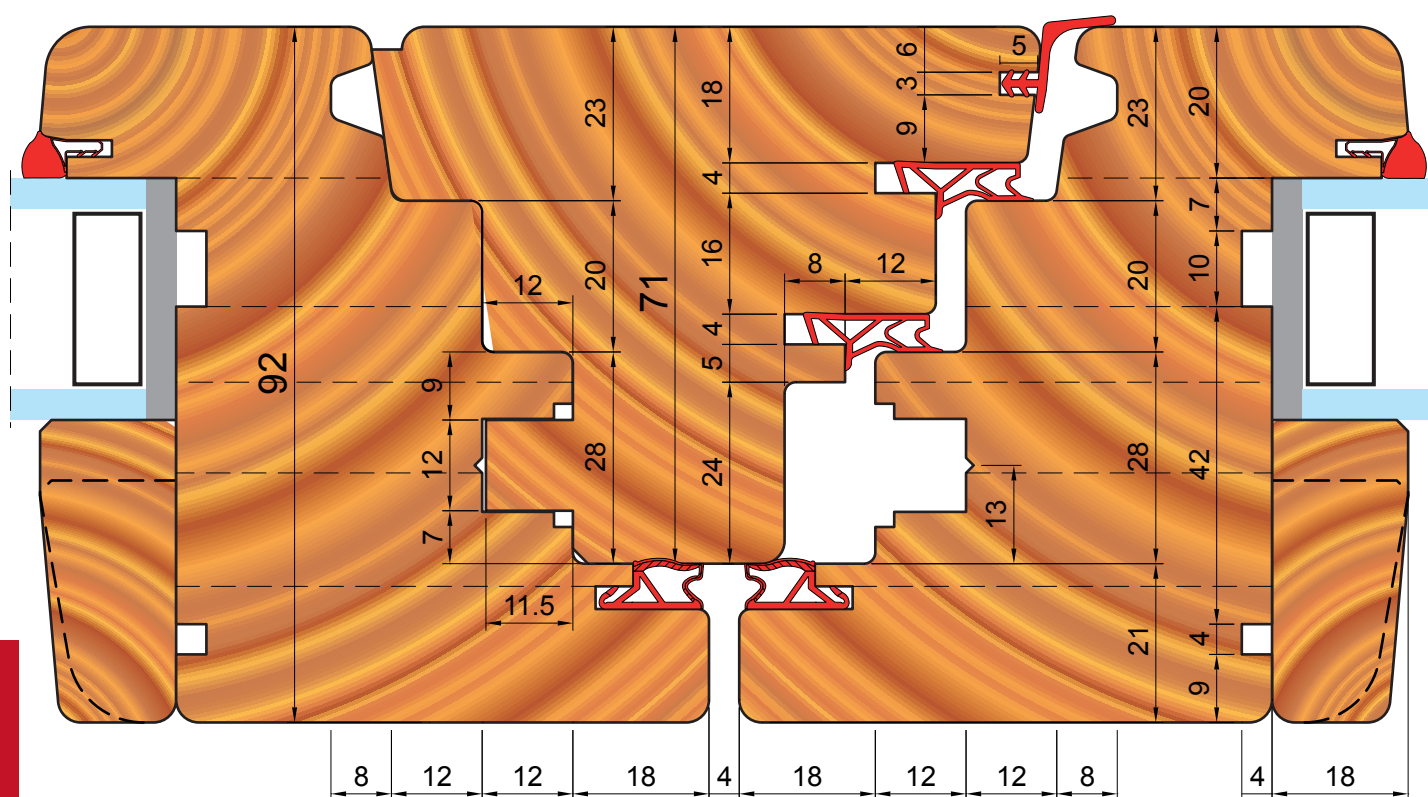
SEZIONE VERTICALE
VERTICAL SECTION

Battente e telaio 92 mm.
Battente con due spine 1/2 e doppia
spina sul telaio.
Guarnizione acustica sul battente e guar-
nizione di tenuta sul vetro.
Tre guarnizioni di tenuta sul telaio
Ferramenta asse 13.
Tenoncino di tenuta sul battente.
Femmina del telaio superiore ed inferiore
uguale.
Vetro da 32mm a 40mm.
Scarico passante sul battente
anti-condensa.
Soglia portabalcone con taglio termico
Sagome opzionali sul battente.



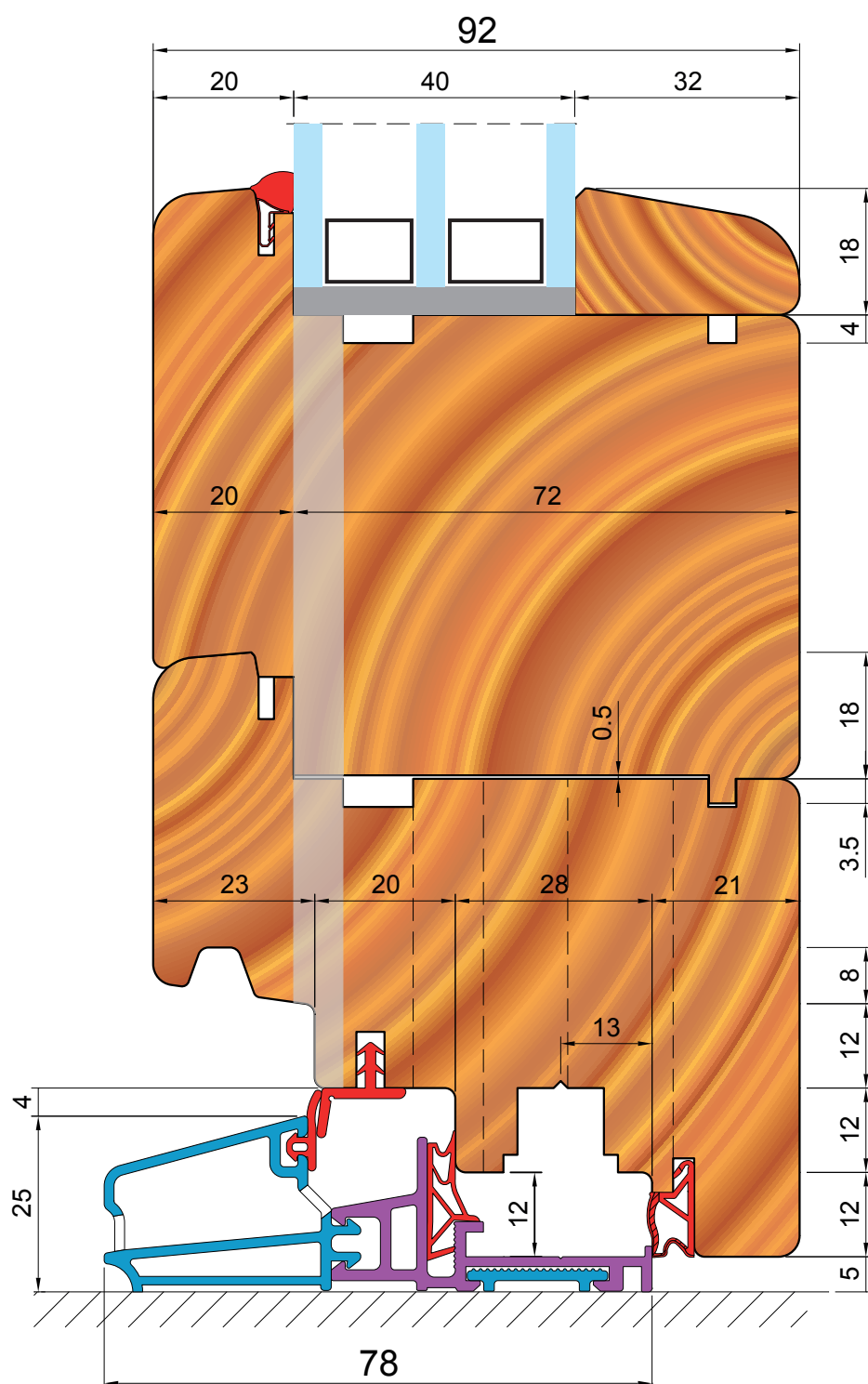
SOPHIA 92

SEZIONE ORIZZONTALE MONTANTINO AGGIUNTO
HORIZONTAL SECTION ADDITIONAL JAMB



SOPHIA92

SEZIONE VERTICALE PORTA FINESTRA
VERTICAL SECTION FRENCH DOOR



Infissi / Windows

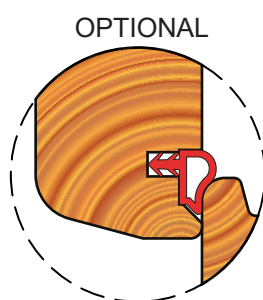
CENTERINOX

ALBA 68-78

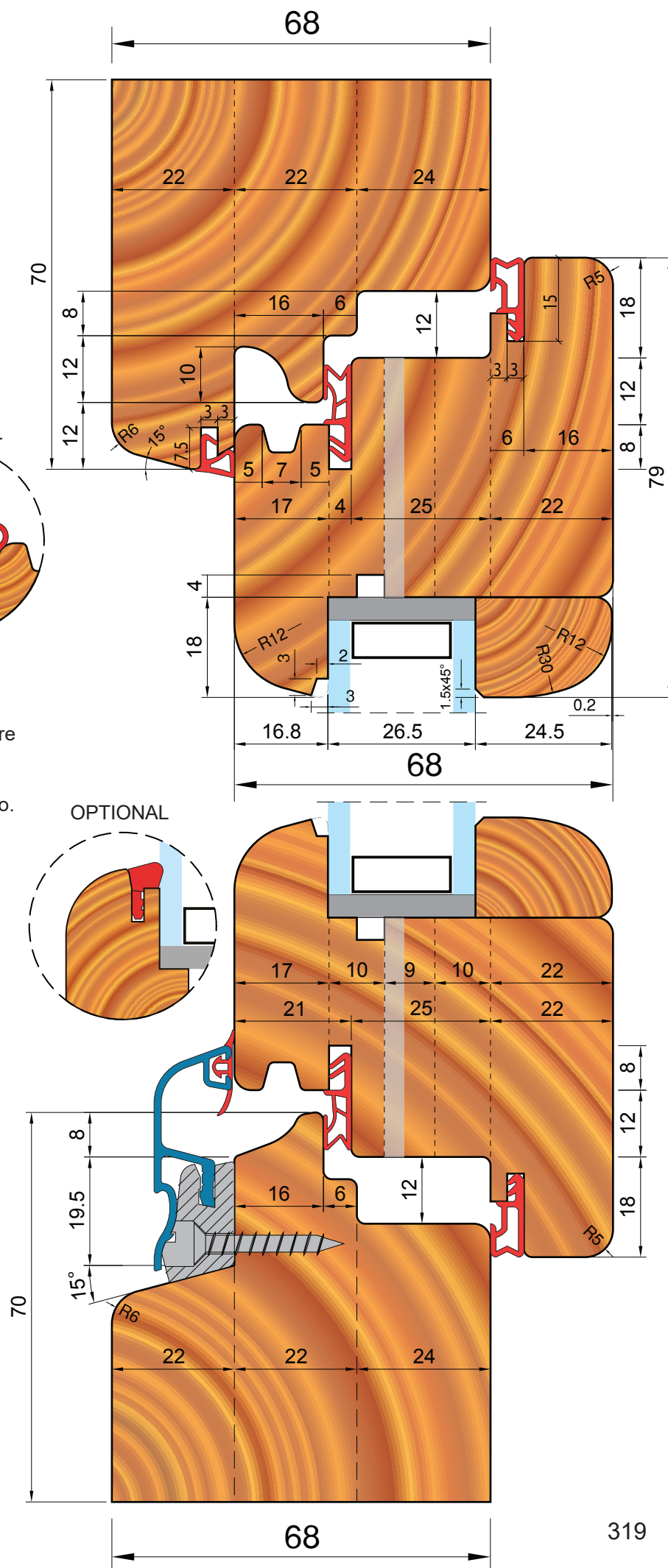


ALBA 68-78

SEZIONE VERTICALE VERTICAL SECTION



Battente 68mm/78mm e telaio 68mm.
Versione tutto legno o traverso inferiore
con alluminio a clip.
Doppia guarnizione sul battente e
optional guarnizione di tenuta sul vetro.
Ferramenta asse 13.
Vetro regolabile.
Scarico passante sul battente
anti-condensa.
Sagome opzionali sul battente.
Alluminio con taglio termico
su portafinestra.



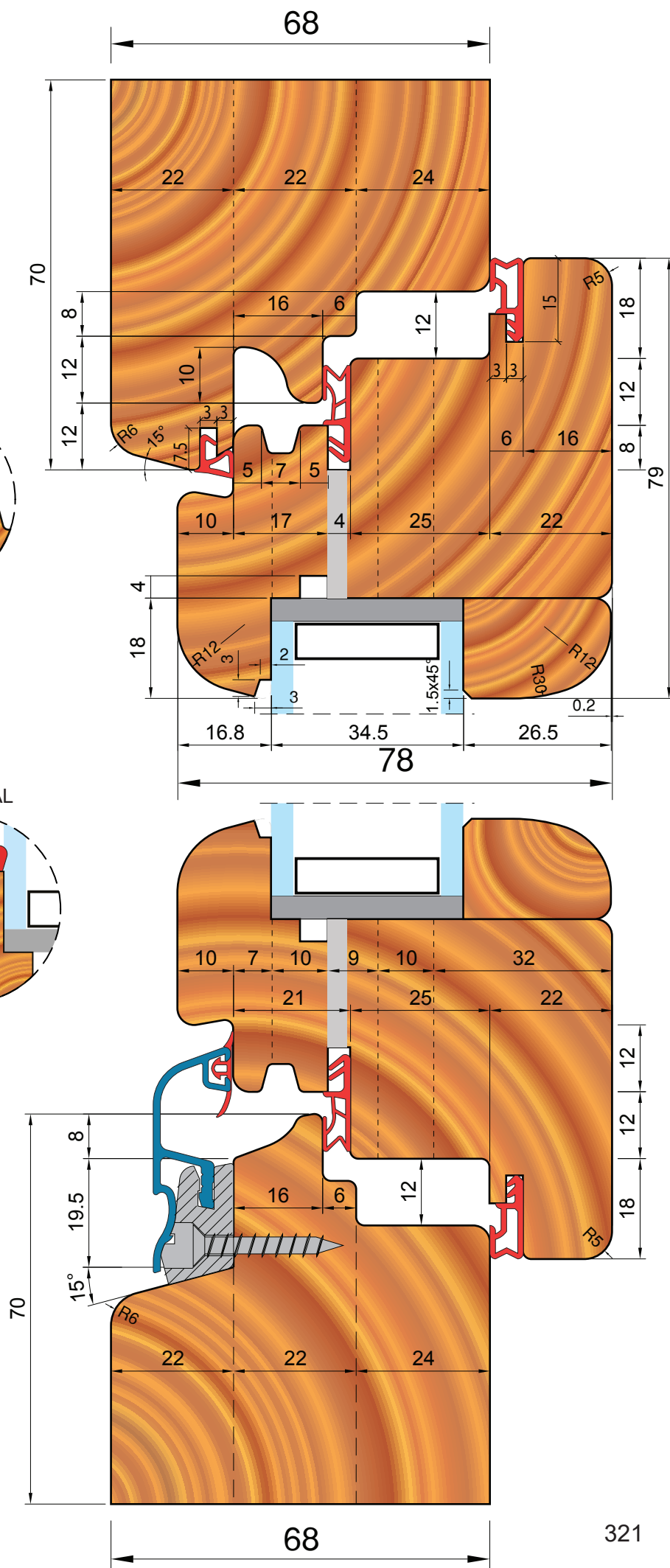
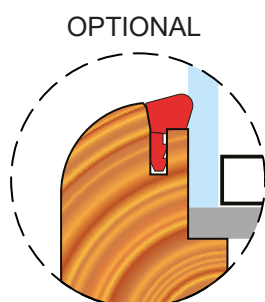
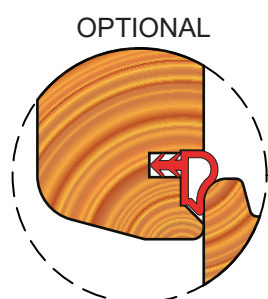
ALBA 68-78



Infissi / Windows

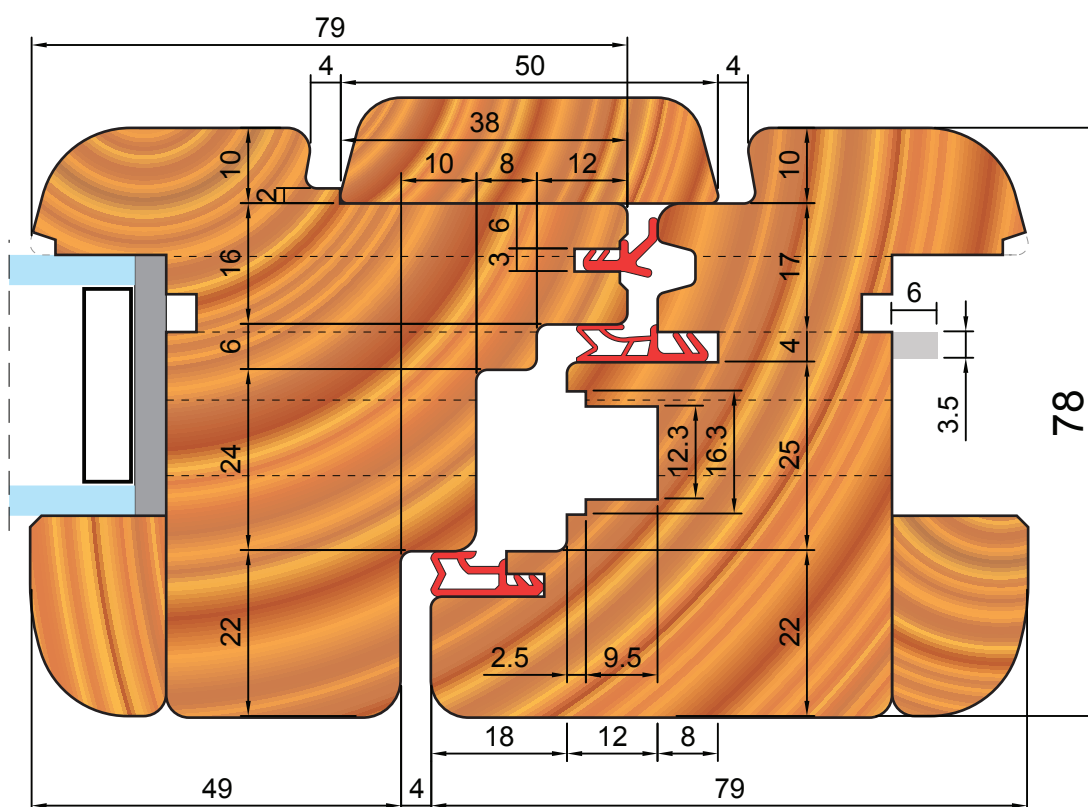
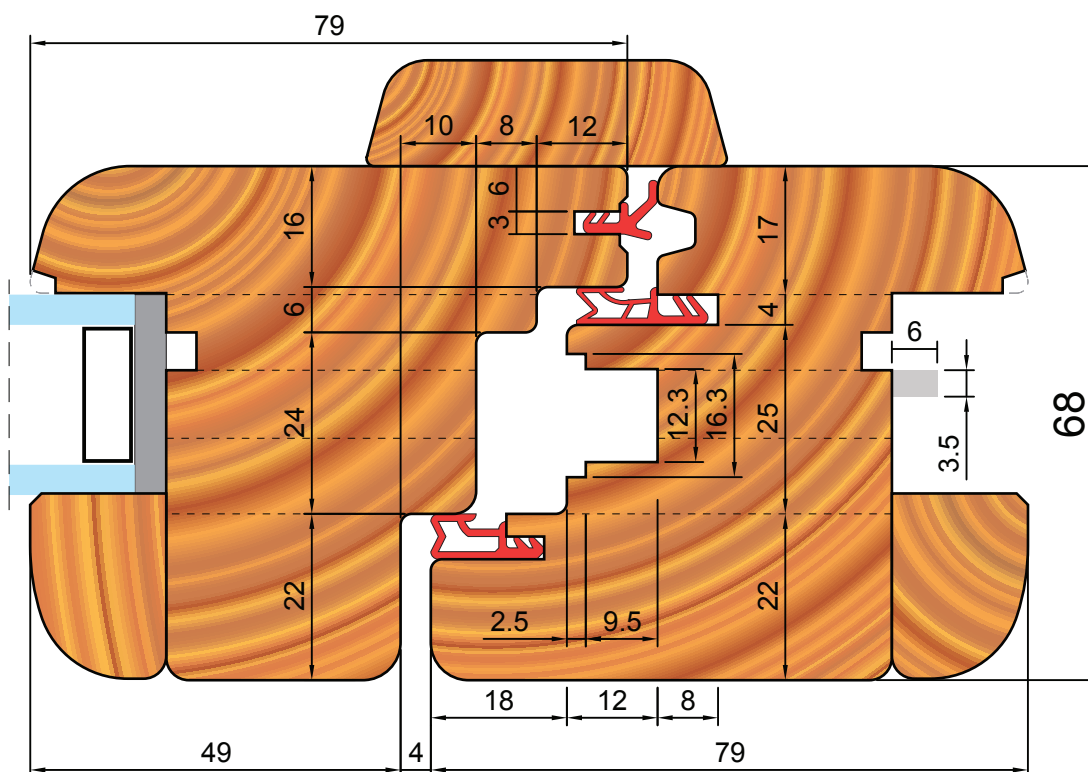
ALBA 68-78

SEZIONE VERTICALE
VERTICAL SECTION



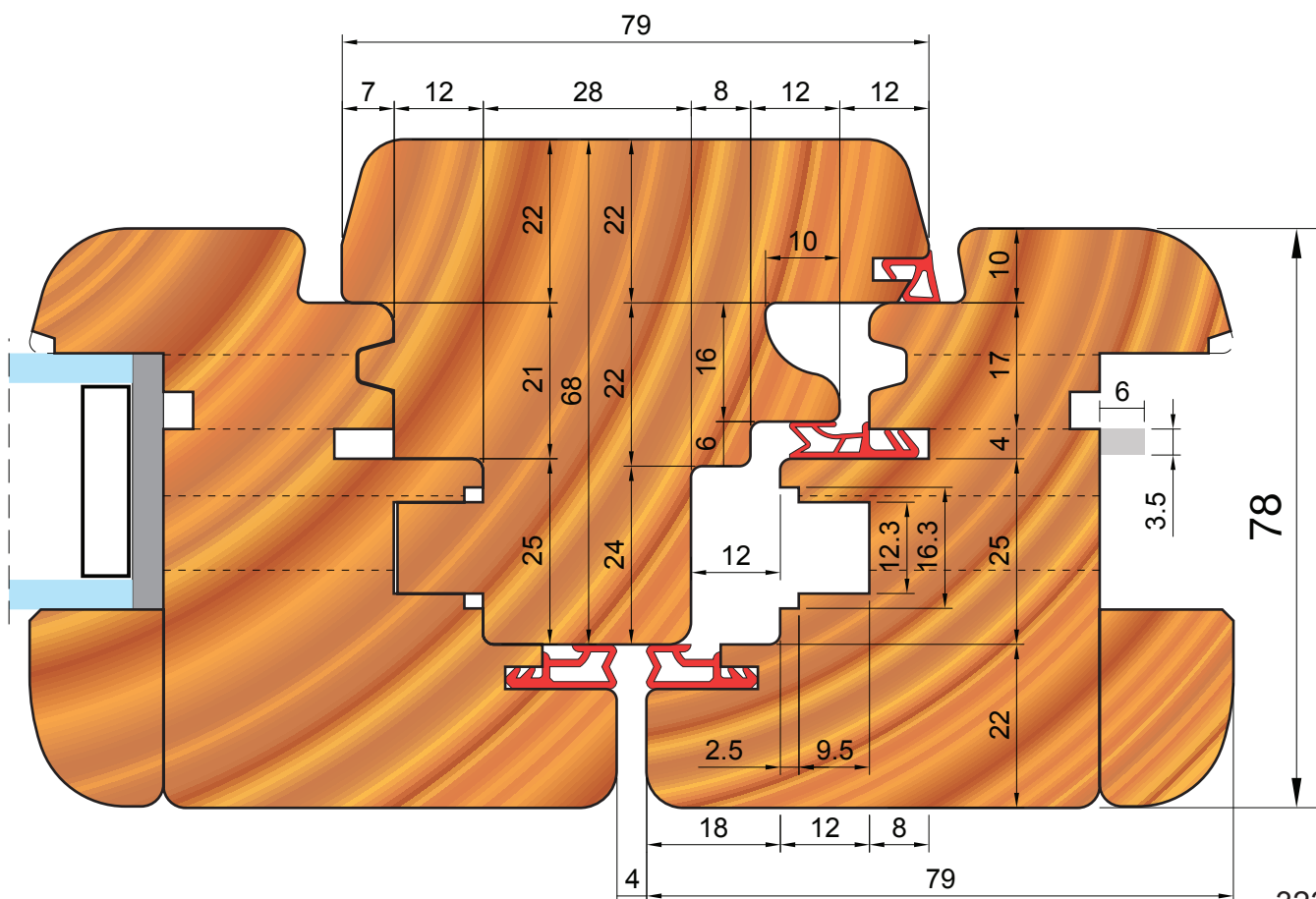
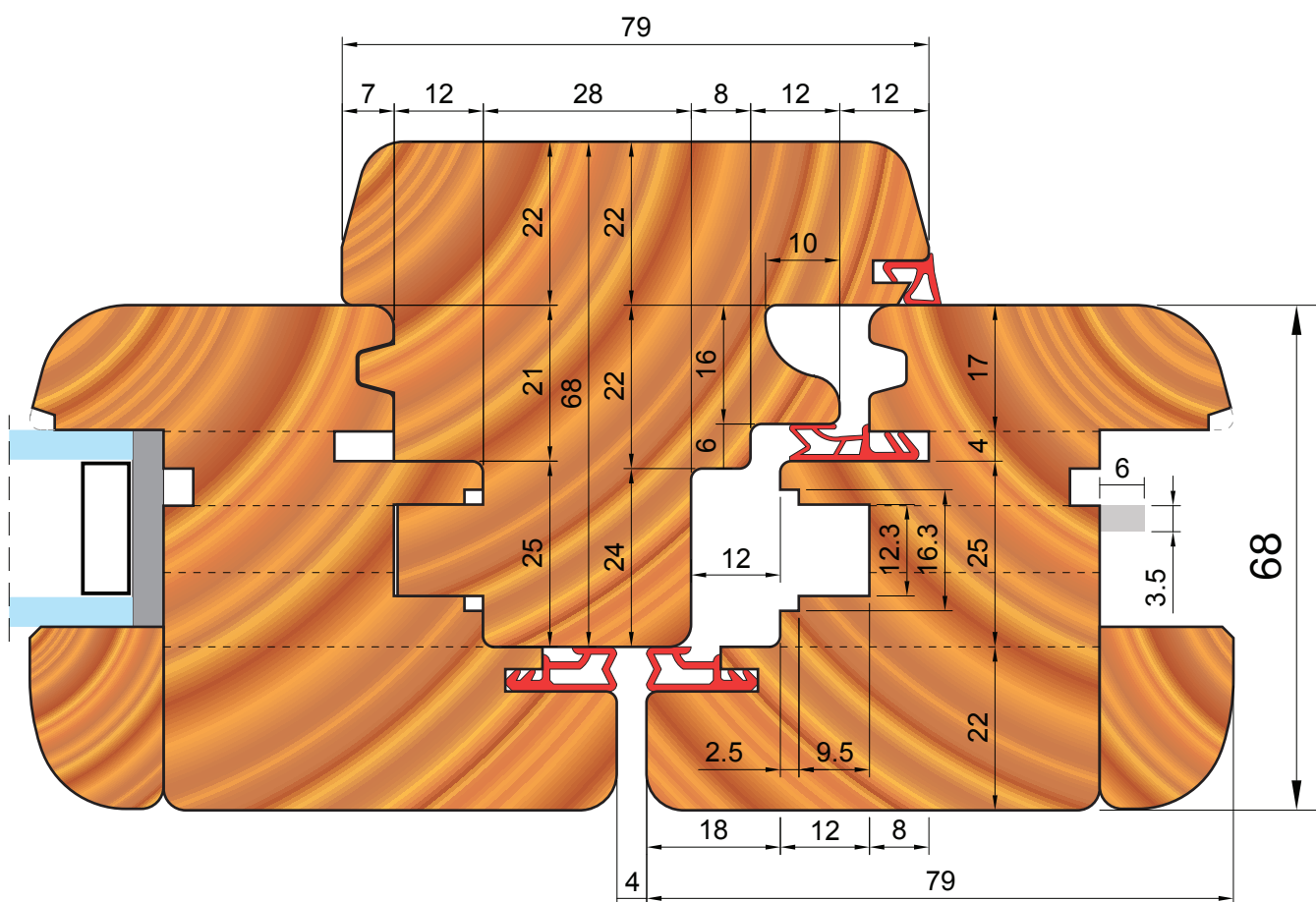
ALBA 68-78

SEZIONE ORIZZONTALE CHIUSURA CENTRALE HORIZONTAL SECTION CENTRAL CLOSURE



ALBA 68-78

SEZIONE ORIZZONTALE MONTANTINO AGGIUNTO HORIZONTAL SECTION ADDITIONAL JAMB



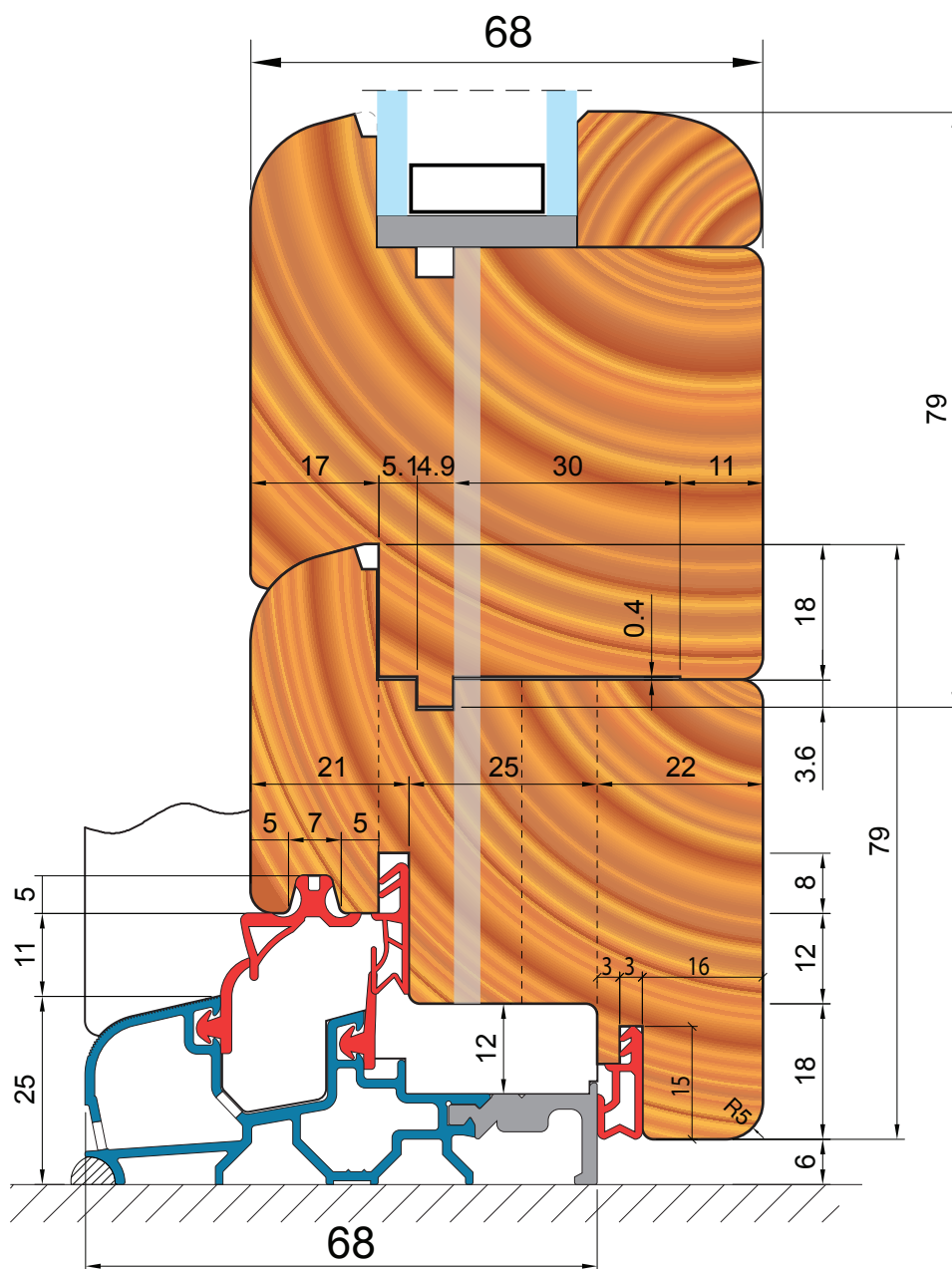
323

Infissi / Windows

CENTERINOX

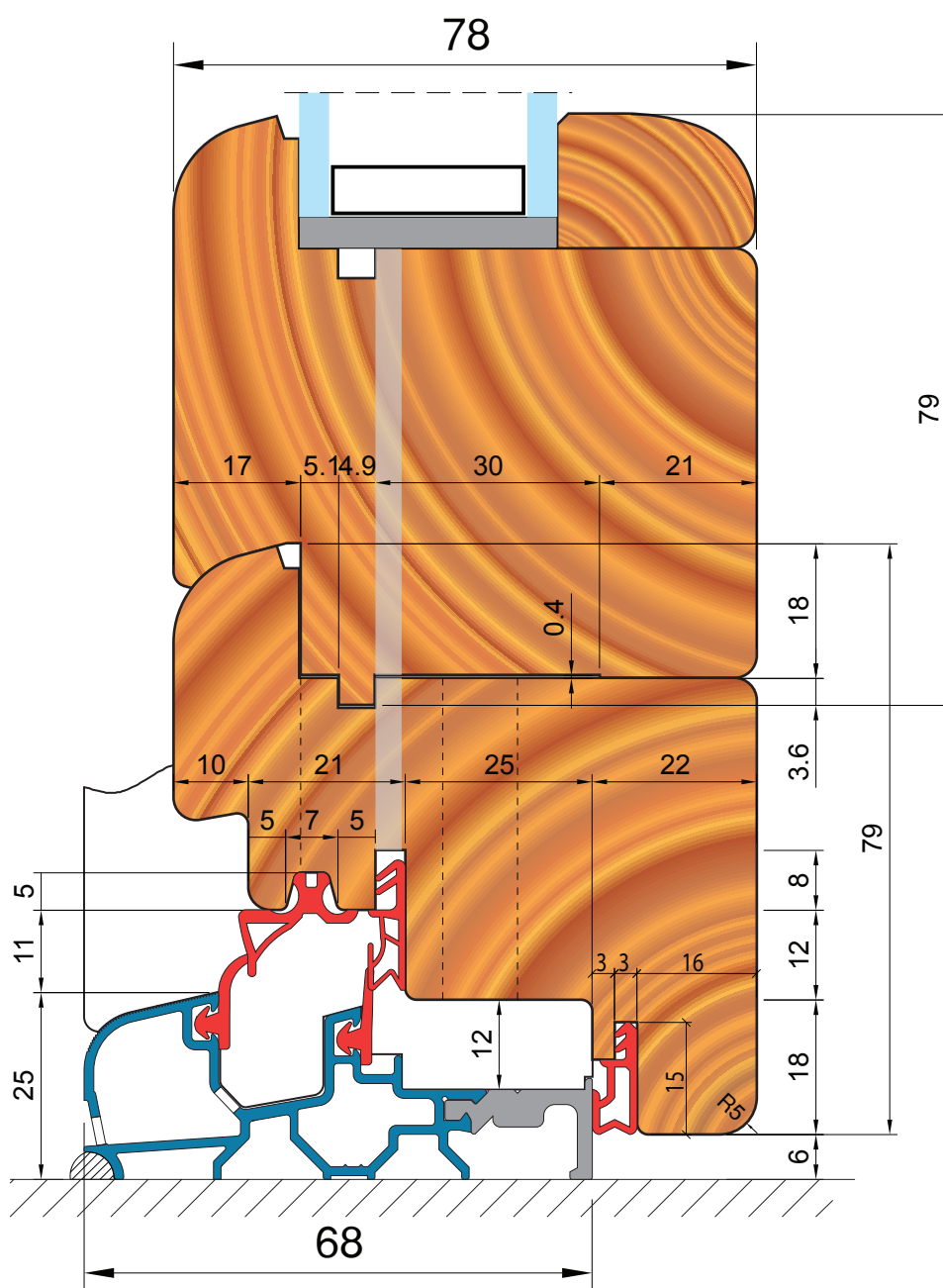
ALBA 68-78

SEZIONE VERTICALE PORTA FINESTRA VERTICAL SECTION FRENCH DOOR



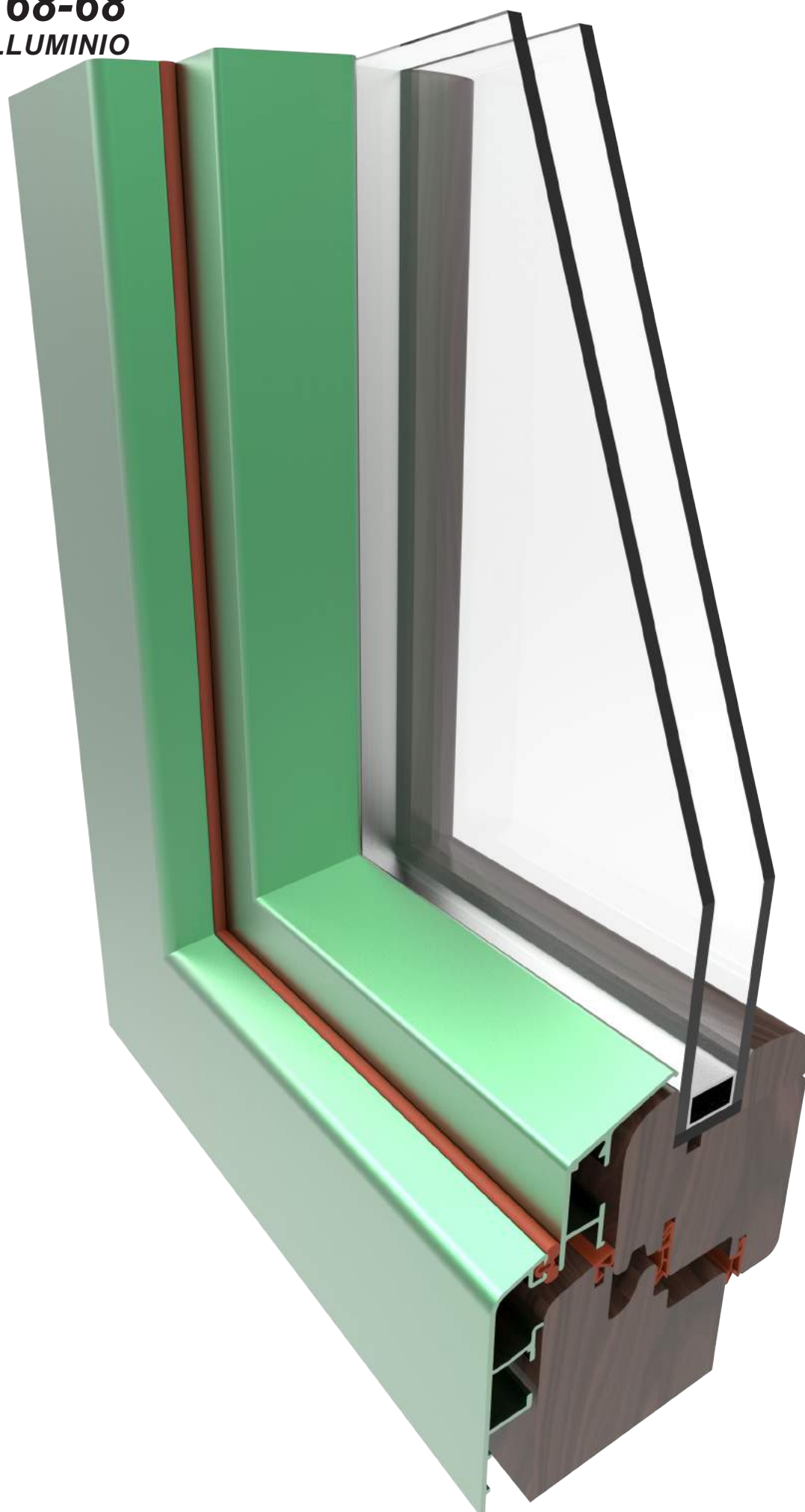
ALBA 68-78

SEZIONE VERTICALE PORTA FINESTRA VERTICAL SECTION FRENCH DOOR



ALBA 68-68

LEGNO-ALLUMINIO



Infissi / Windows

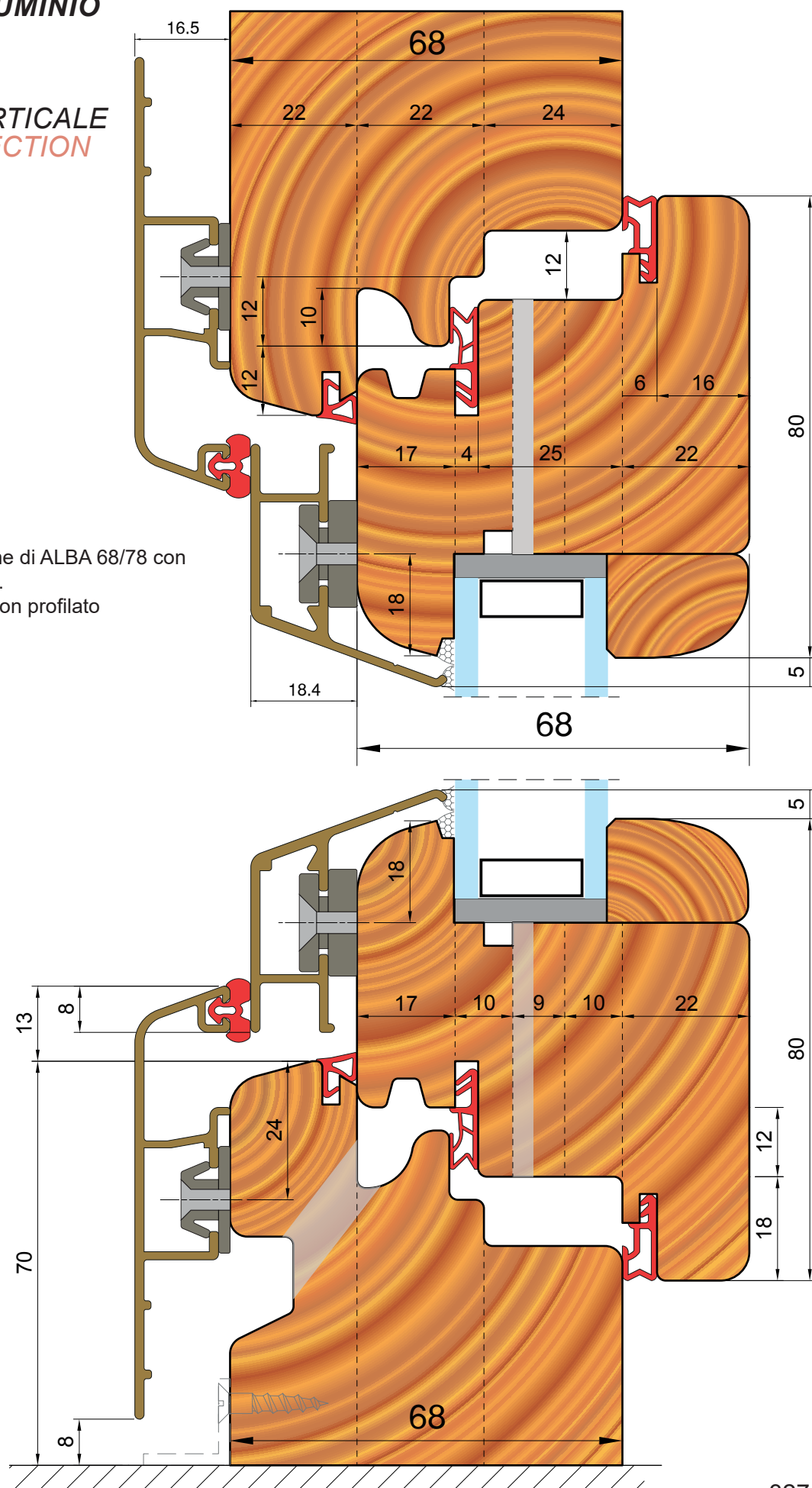
CENTERINOX

ALBA 68-68

LEGNO-ALLUMINIO

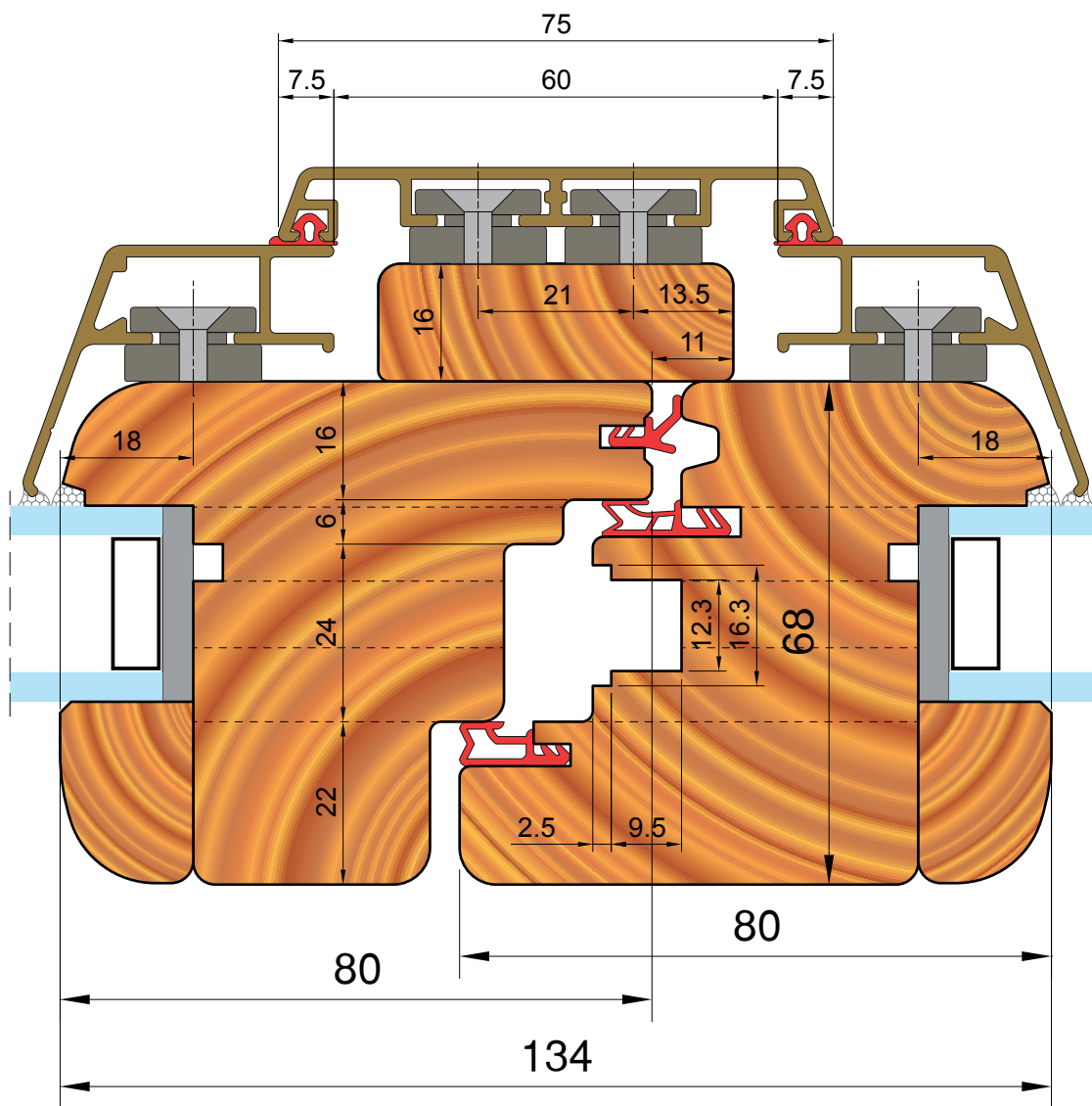
SEZIONE VERTICALE VERTICAL SECTION

Stesse caratteristiche di ALBA 68/78 con
battente solo 68mm.
Copertura esterna con profilato
in alluminio.



ALBA 68-68
LEGNO-ALLUMINIO

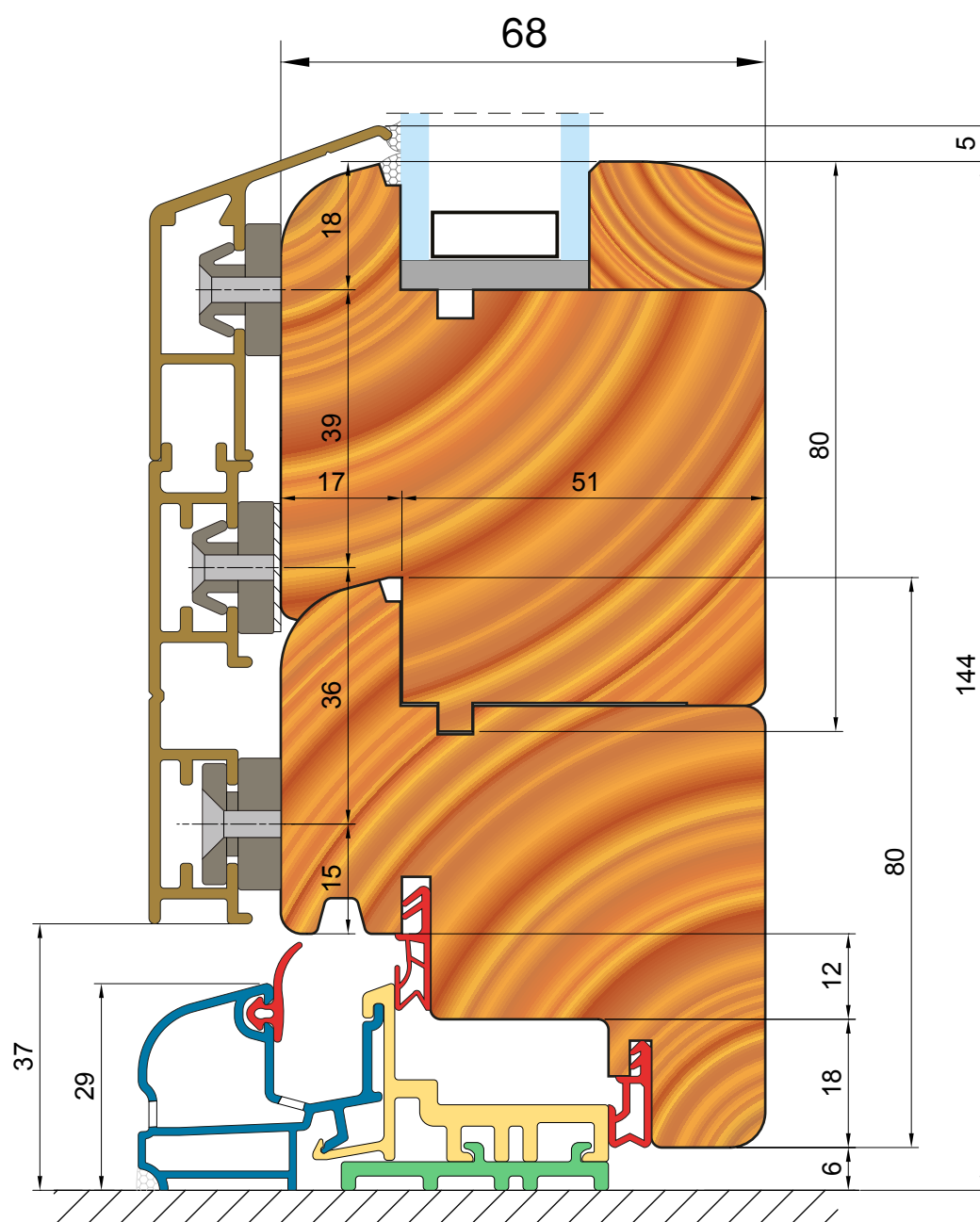
SEZIONE ORIZZONTALE CHIUSURA CENTRALE
HORIZONTAL SECTION CENTRAL CLOSURE



ALBA 68-68

LEGNO-ALLUMINIO

SEZIONE VERTICALE PORTAFINESTRA VERTICAL SECTION FRENCH DOOR



LISA 2217

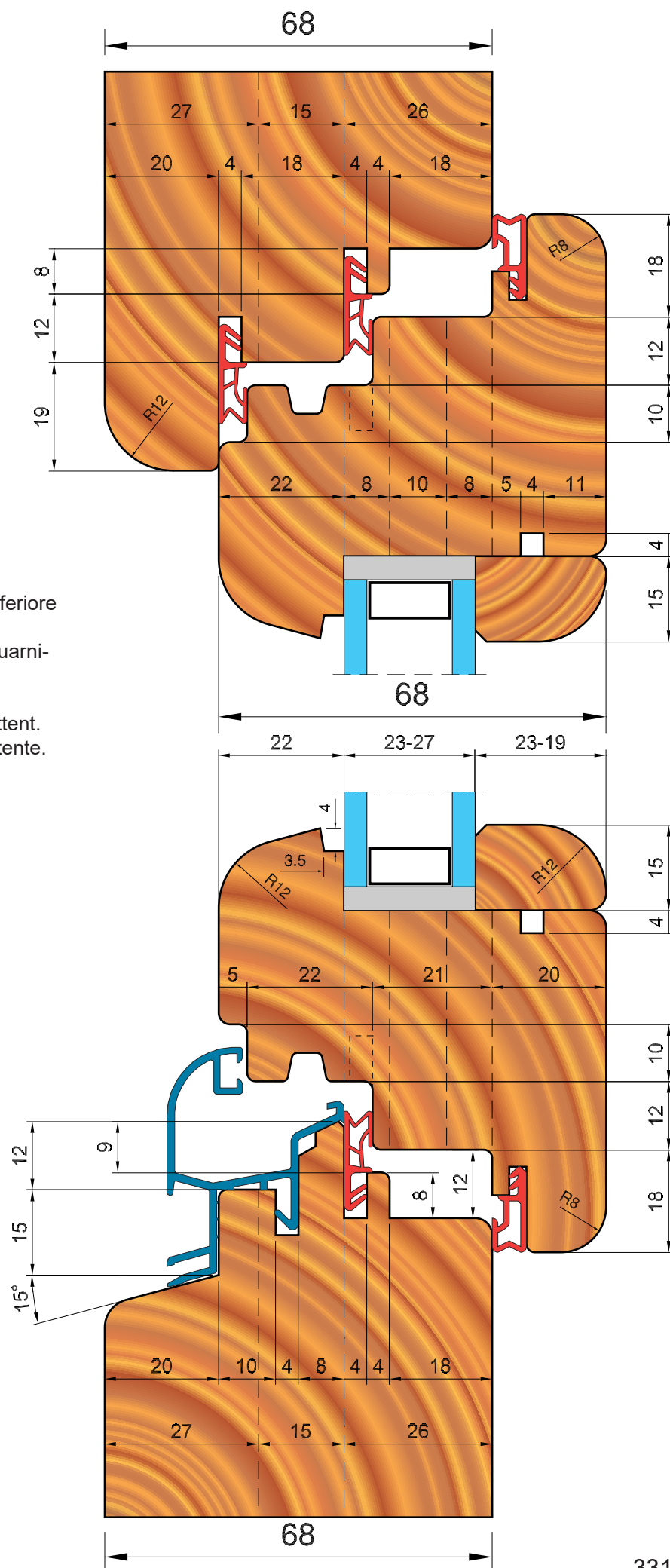


Infissi / Windows

LISA 2217

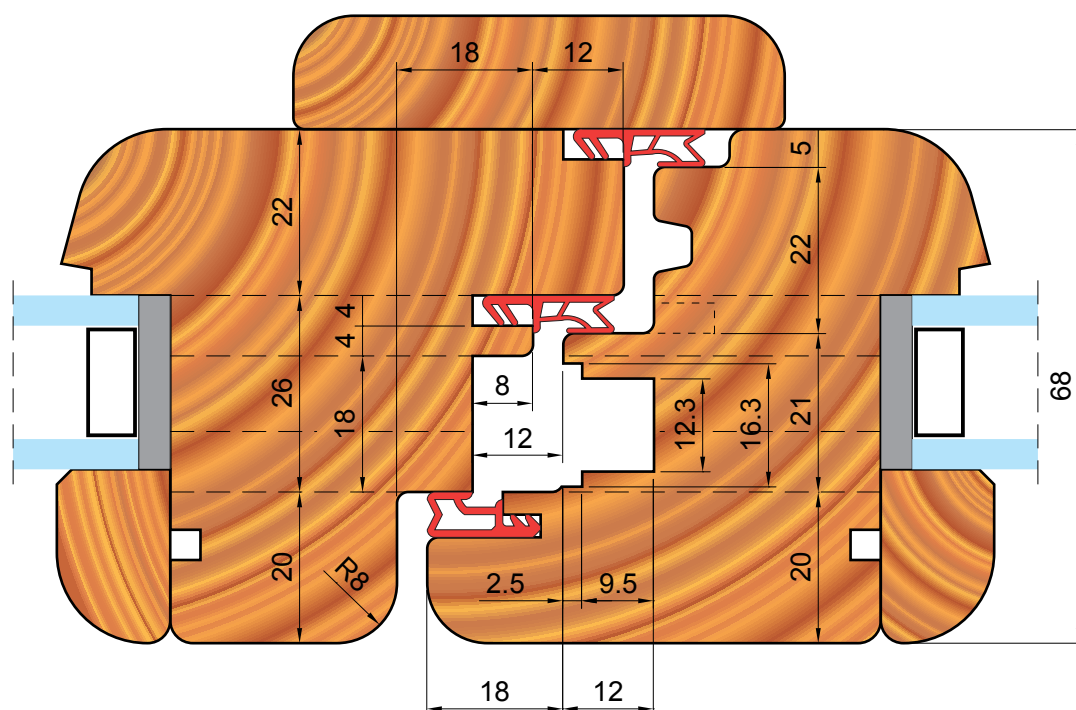
SEZIONE VERTICALE VERTICAL SECTION

Battente e telaio 68mm.
Versione tutto legno o traverso inferiore
con alluminio avvitato.
Doppia guarnizione sul telaio e guarni-
zione acustica sul battente.
Vetro regolabile.
Profilo arrotondato su telaio e battent.
Sagome opzionali su telaio e battente.

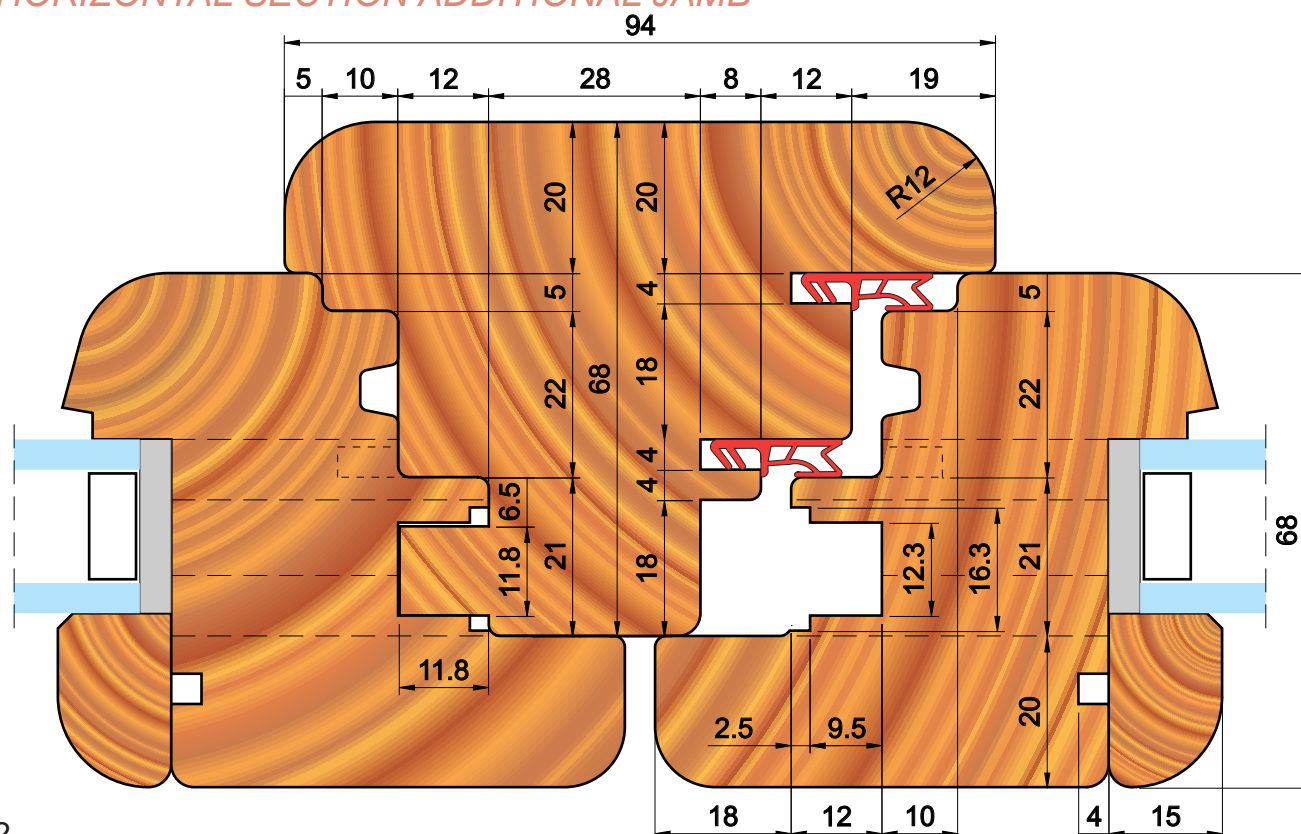


LISA 2217

SEZIONE ORIZZONTALE CHIUSURA CENTRALE HORIZONTAL SECTION CENTRAL CLOSURE

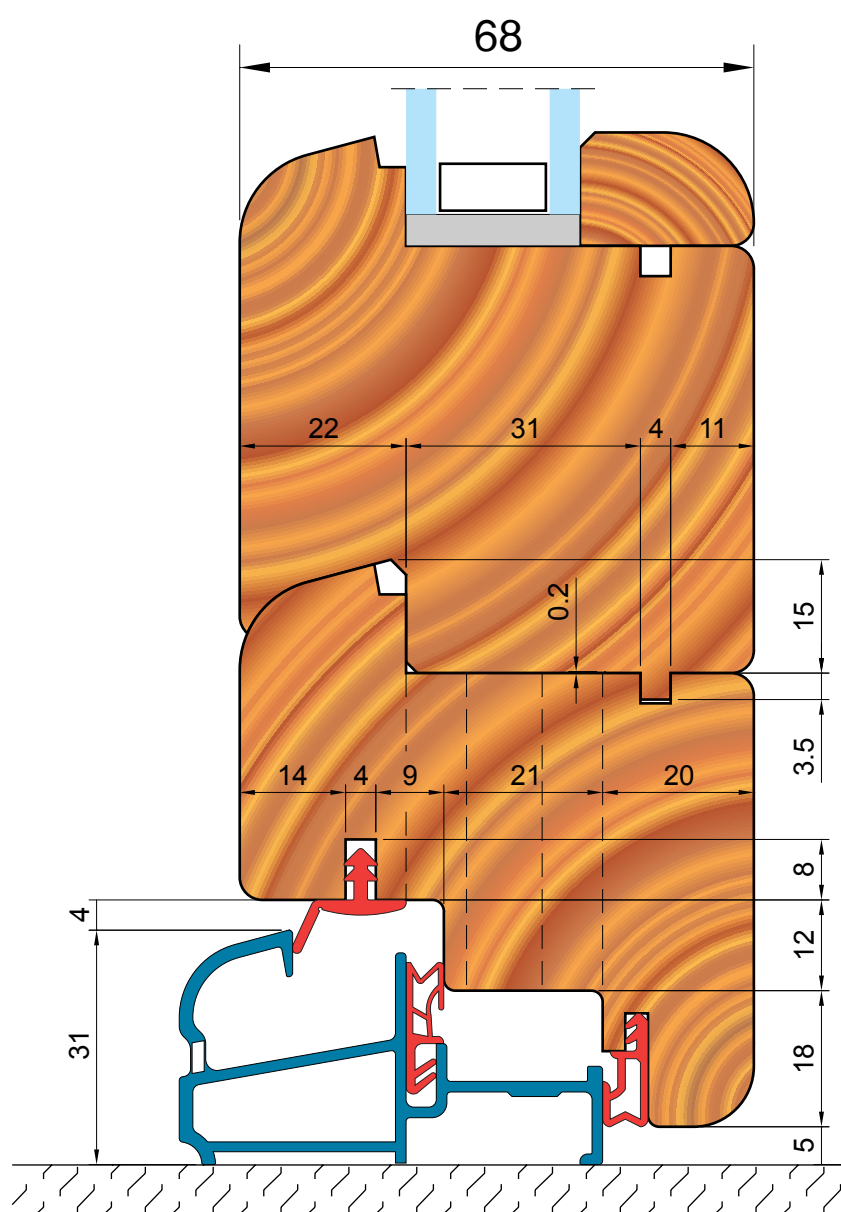


SEZIONE ORIZZONTALE MONTANTINO AGGIUNTO HORIZONTAL SECTION ADDITIONAL JAMB

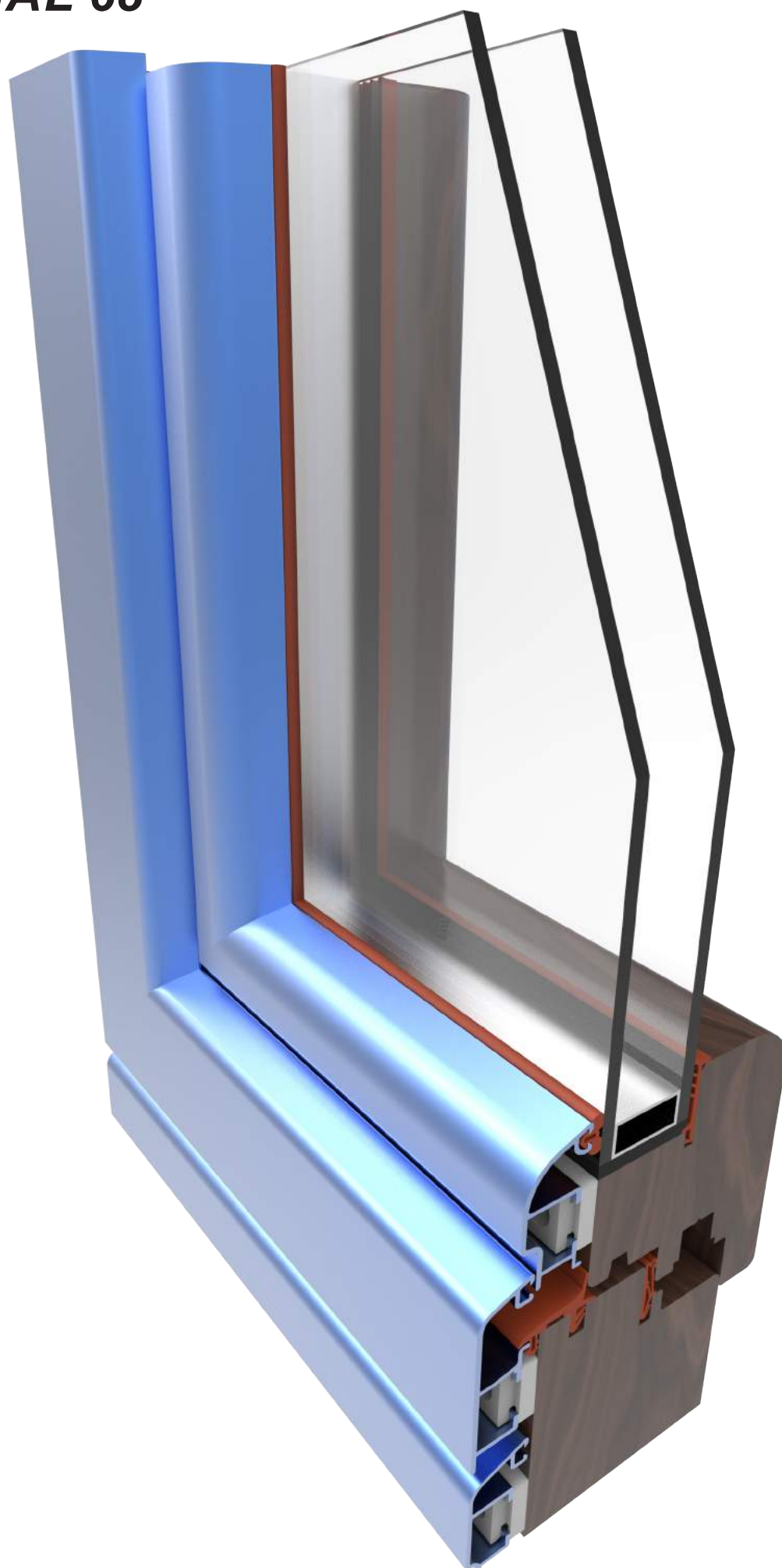


LISA 2217

SEZIONE VERTICALE PORTA FINESTRA VERTICAL SECTION FRENCH DOOR



LEGAL 68



SEZIONE VERTICALE
VERTICAL SECTION

68

SEZIONE VERTICALE

mm.

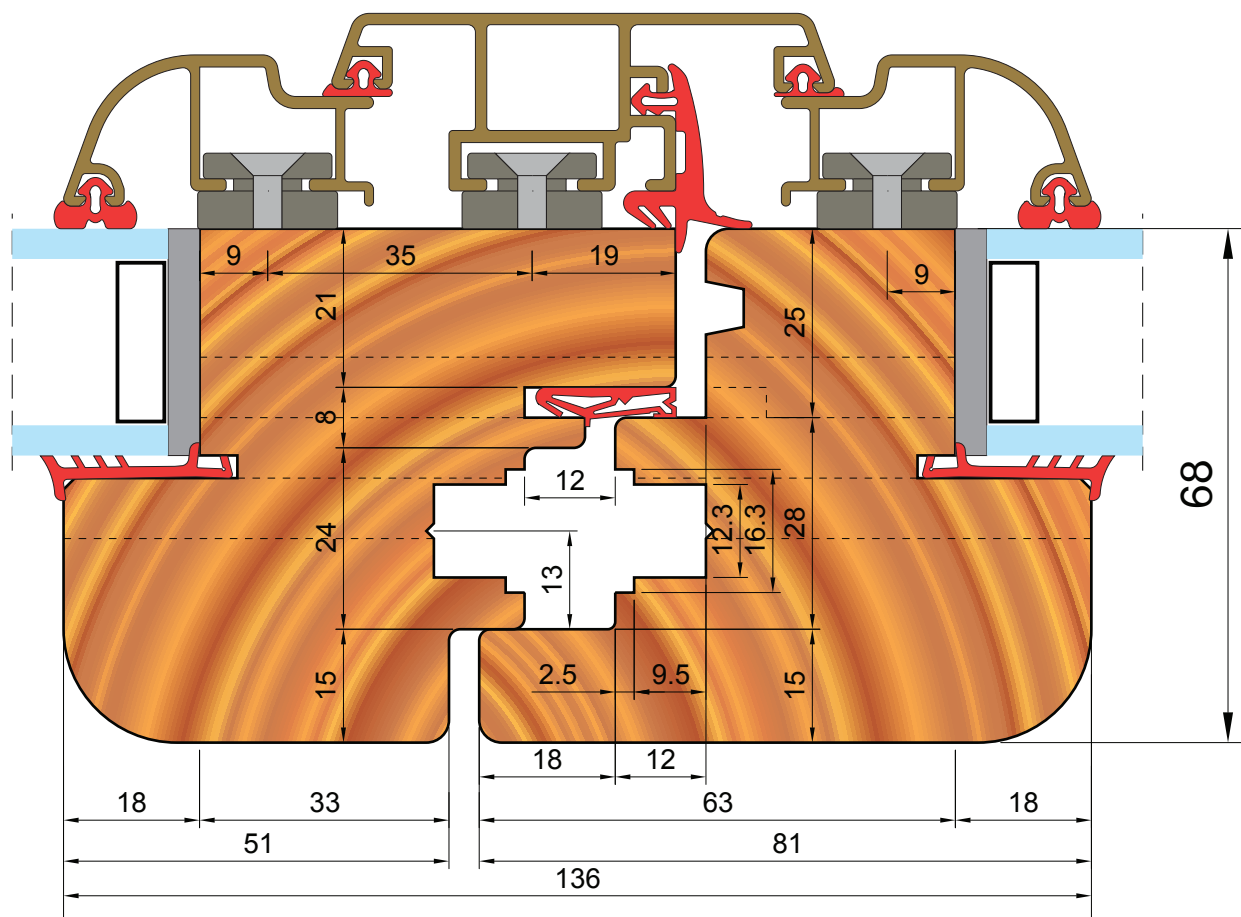
cerno battente

ul battente.
con clips.
agome

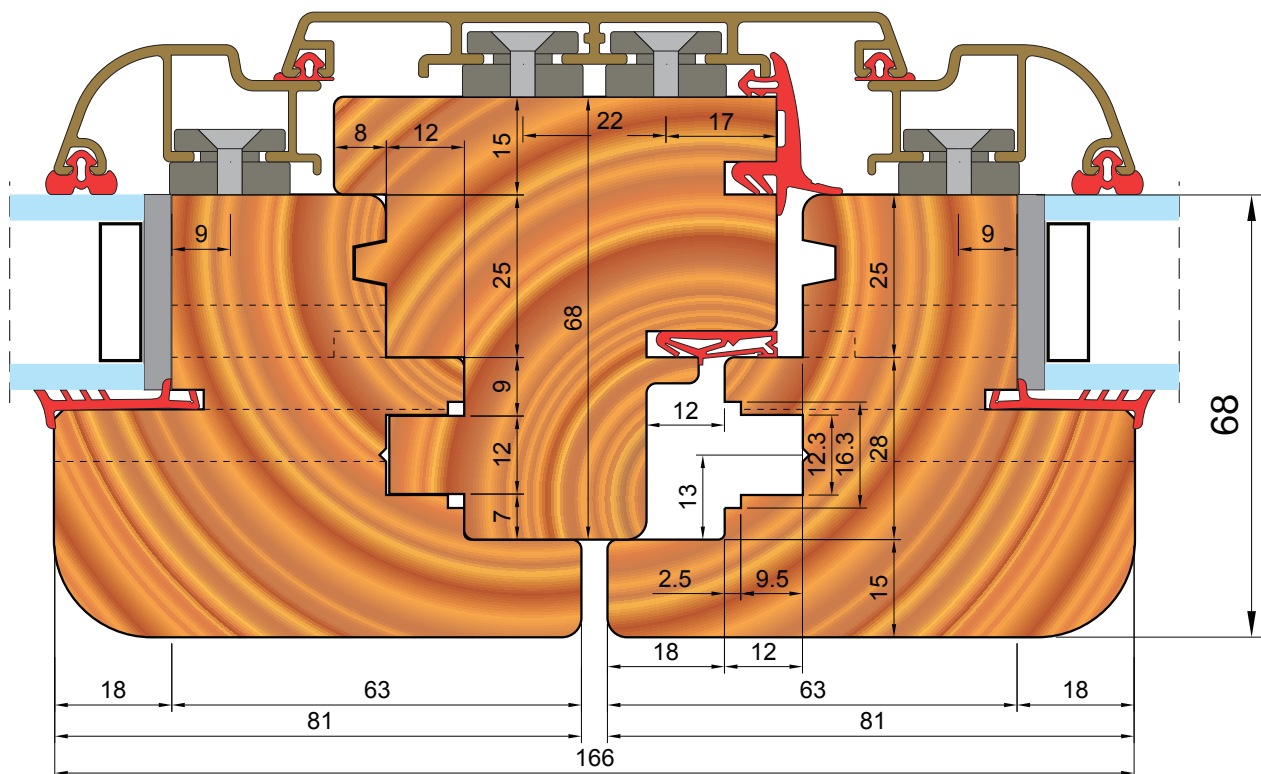
The drawing shows a vertical section (top) and a horizontal section (bottom) of a door hinge assembly. The vertical section shows the hinge plate (68) and the door edge (18) with dimensions: 19.5, 22, 22, 24, 5, 21, 4, 4, 17, 12, 20, 6, 25, 28, 15, 9, 18, 68. The horizontal section shows the hinge plate (68) and the door edge (81) with dimensions: 20, 3, 30, 3, 35, 9, 17, 8, 8, 8, 27, 25, 28, 15, 7, 7, 11, 13, 17, 8, 12, 8, 12, 10, 5, 21, 8, 22, 22, 24, 68, 12. Two circular insets show the door edge profile with dimensions: 15, 12, 3, 30°, R5, and R15.

LEGAL 68

SEZIONE ORIZZONTALE CHIUSURA CENTRALE HORIZONTAL SECTION CENTRAL CLOSURE



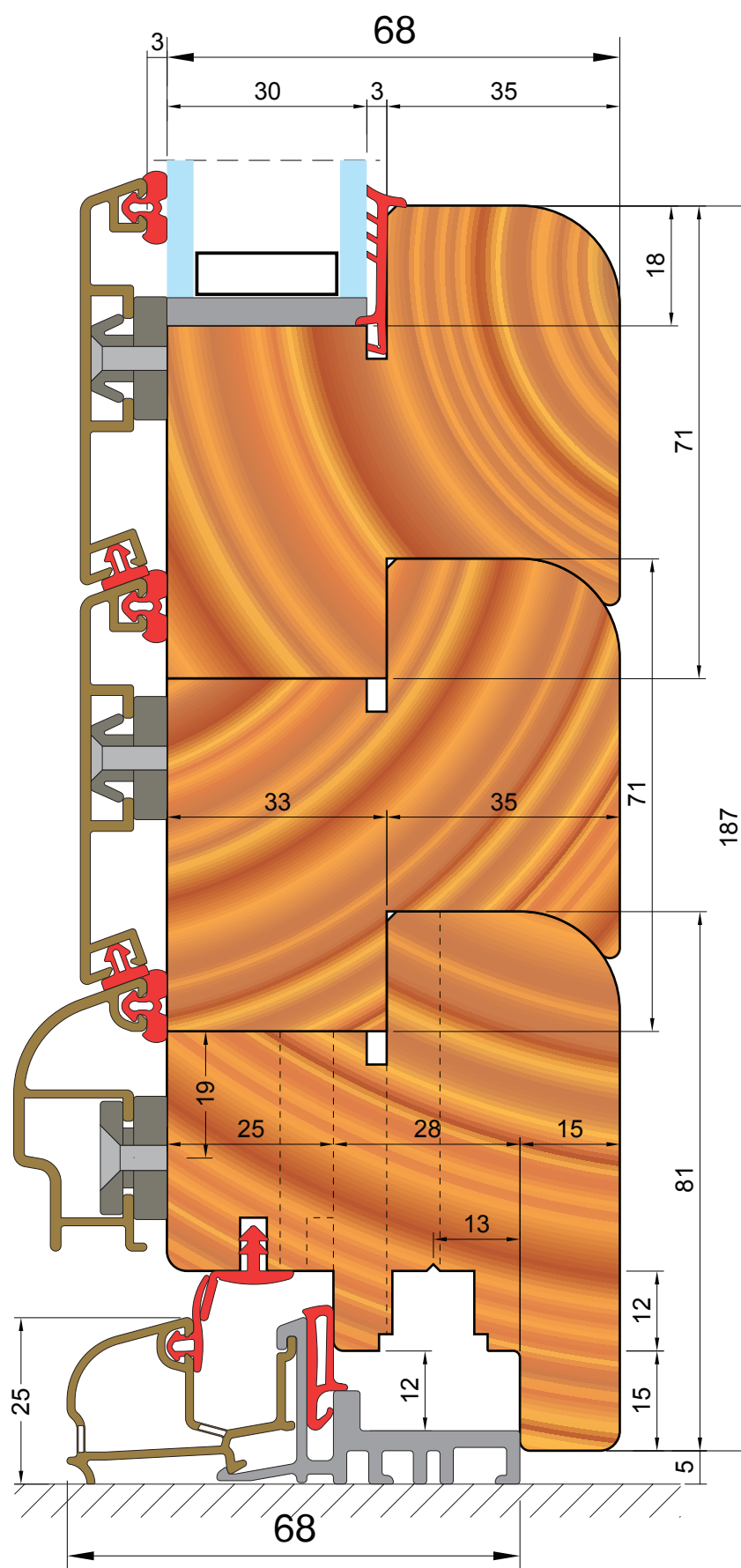
SEZIONE ORIZZONTALE MONTANTINO AGGIUNTO HORIZONTAL SECTION ADDITIONAL JAMB



LEGAL 68

SEZIONE VERTICALE
PORTAFINESTRA

VERTICAL SECTION
FRENCH DOOR



IV 58



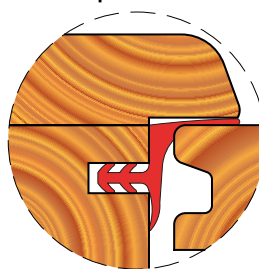
SEZIONE VERTICALE
VERTICAL SECTION

[illegible]

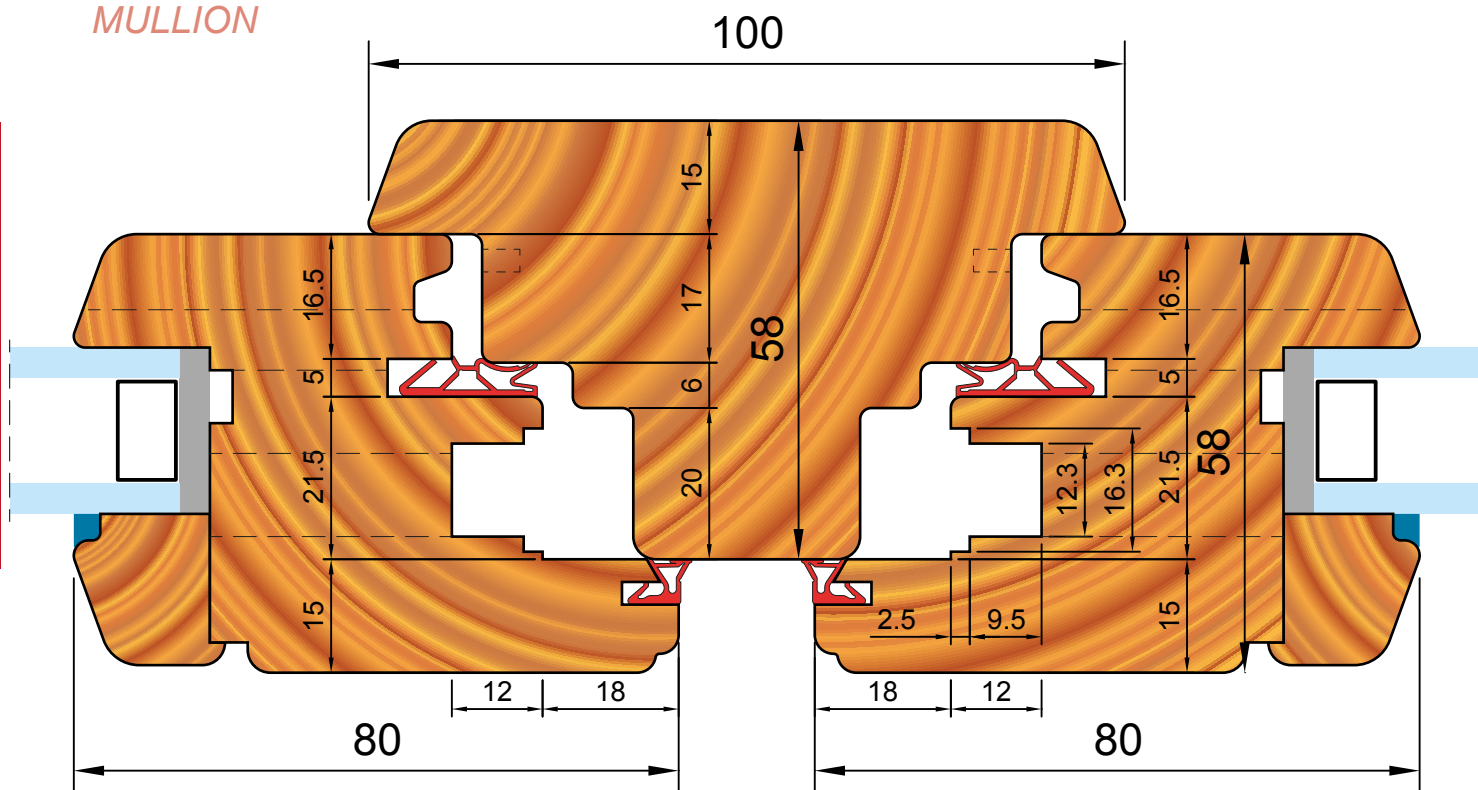
IV 58

SEZIONE ORIZZONTALE
CHIUSURA CENTRALE
HORIZONTAL SECTION
CENTRAL CLOSURE

optional

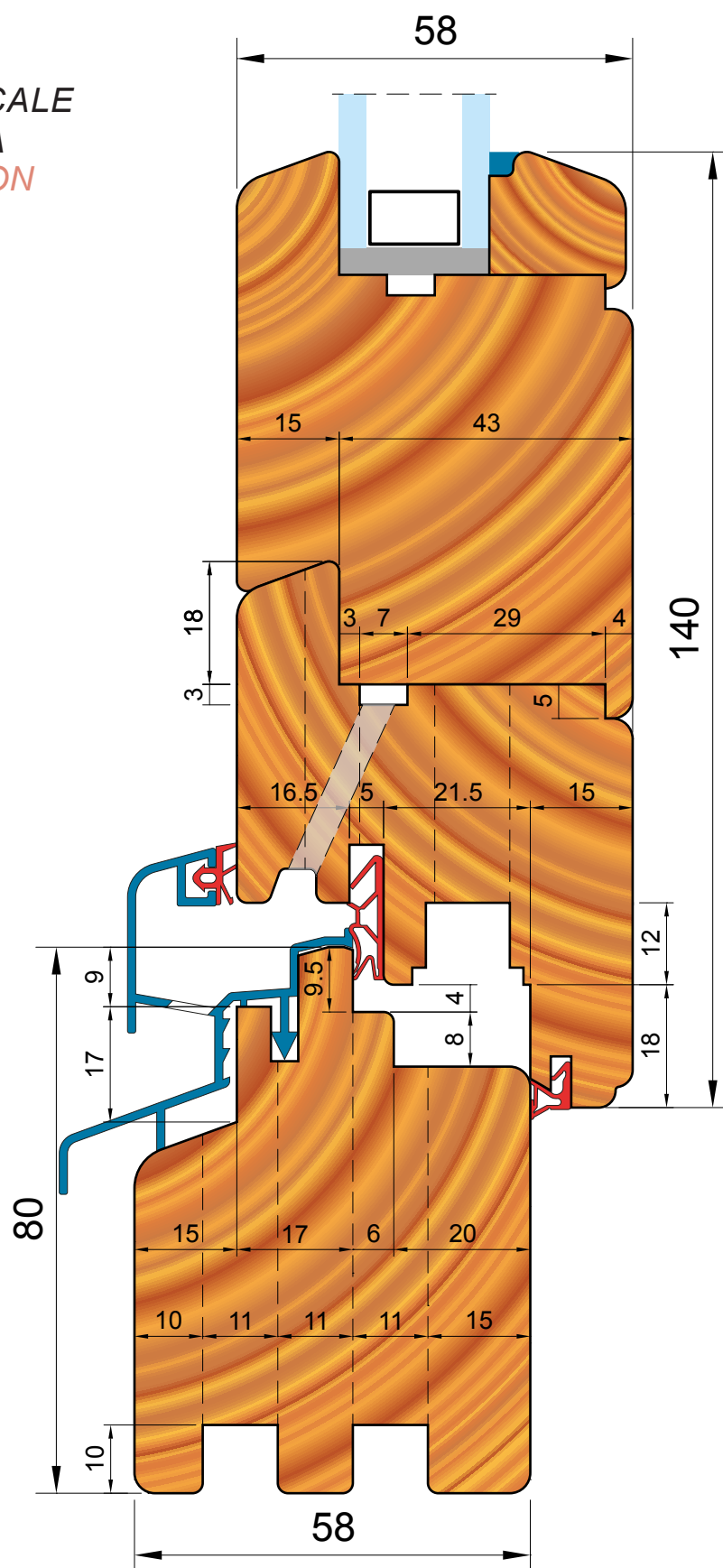


MONTANTE INTERMEDIO TELAIO
MULLION



IV 58

SEZIONE VERTICALE
PORTAFINESTRA
VERTICAL SECTION
FRENCH DOOR



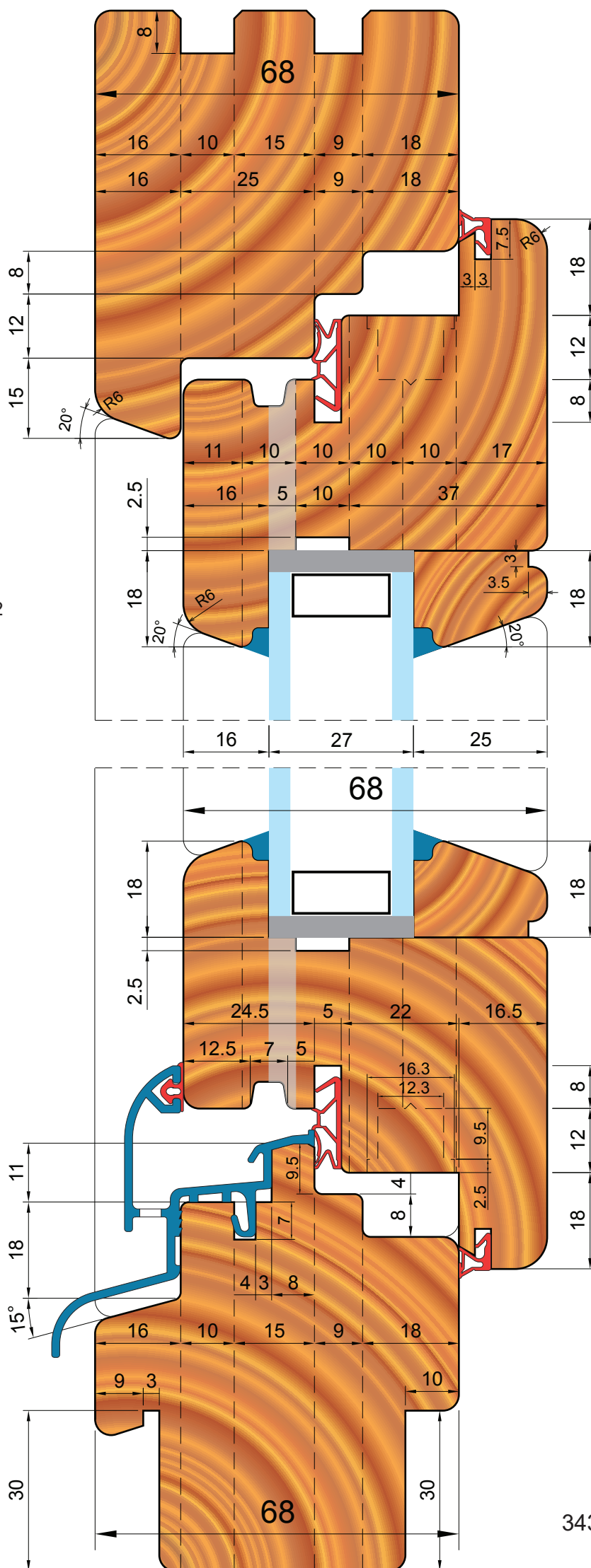
IV 68



IV 68

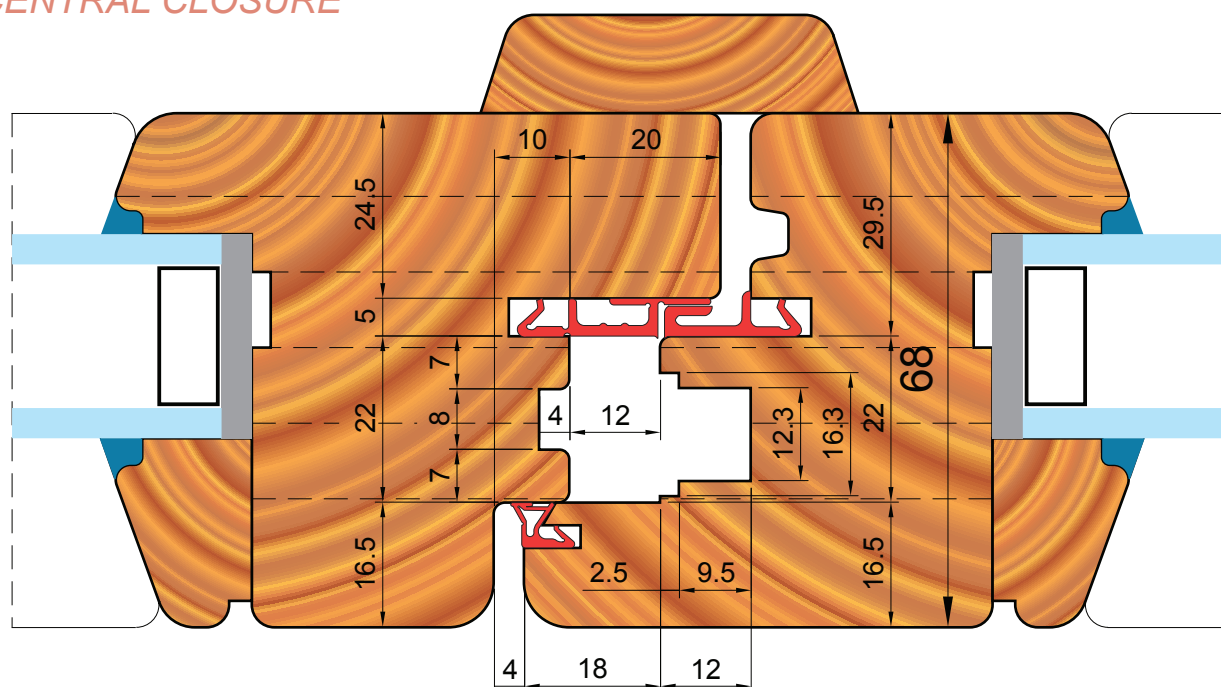
SEZIONE VERTICALE VERTICAL SECTION

Battente 68mm e telaio 68mm.
Vetro regolabile.
Doppia spina sul telaio e due spine 1/2
sul battente.
Sagome opzionali su telaio e battente.
Squadratura centrale con doppia
guarnizione.

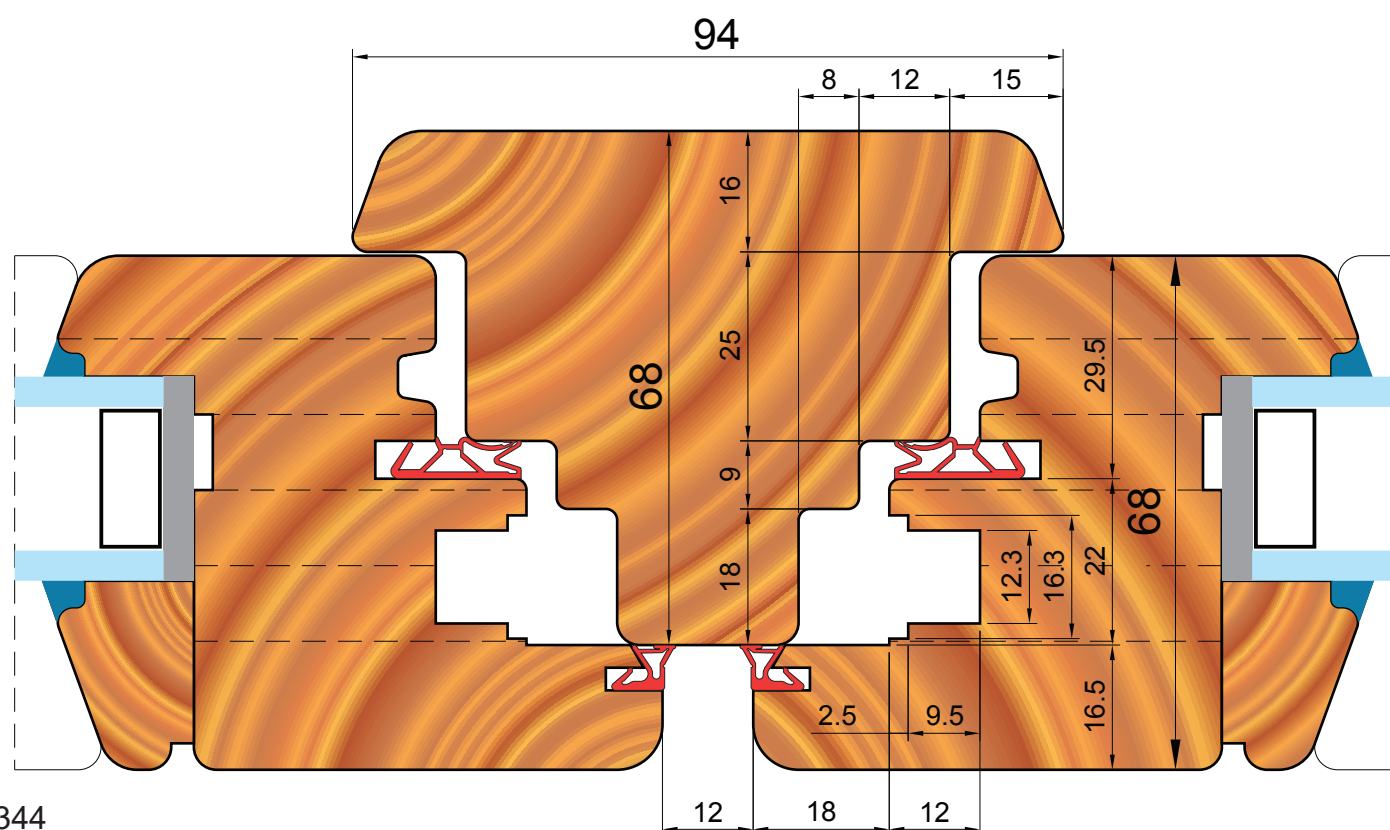


IV 68

SEZIONE ORIZZONTALE CHIUSURA CENTRALE HORIZONTAL SECTION CENTRAL CLOSURE



MONTANTE INTERMEDIO TELAIO MULLION



SEZIONE VERTICALE
PORTAFINESTRA
VERTICAL SECTION
FRENCH DOOR



IV 78



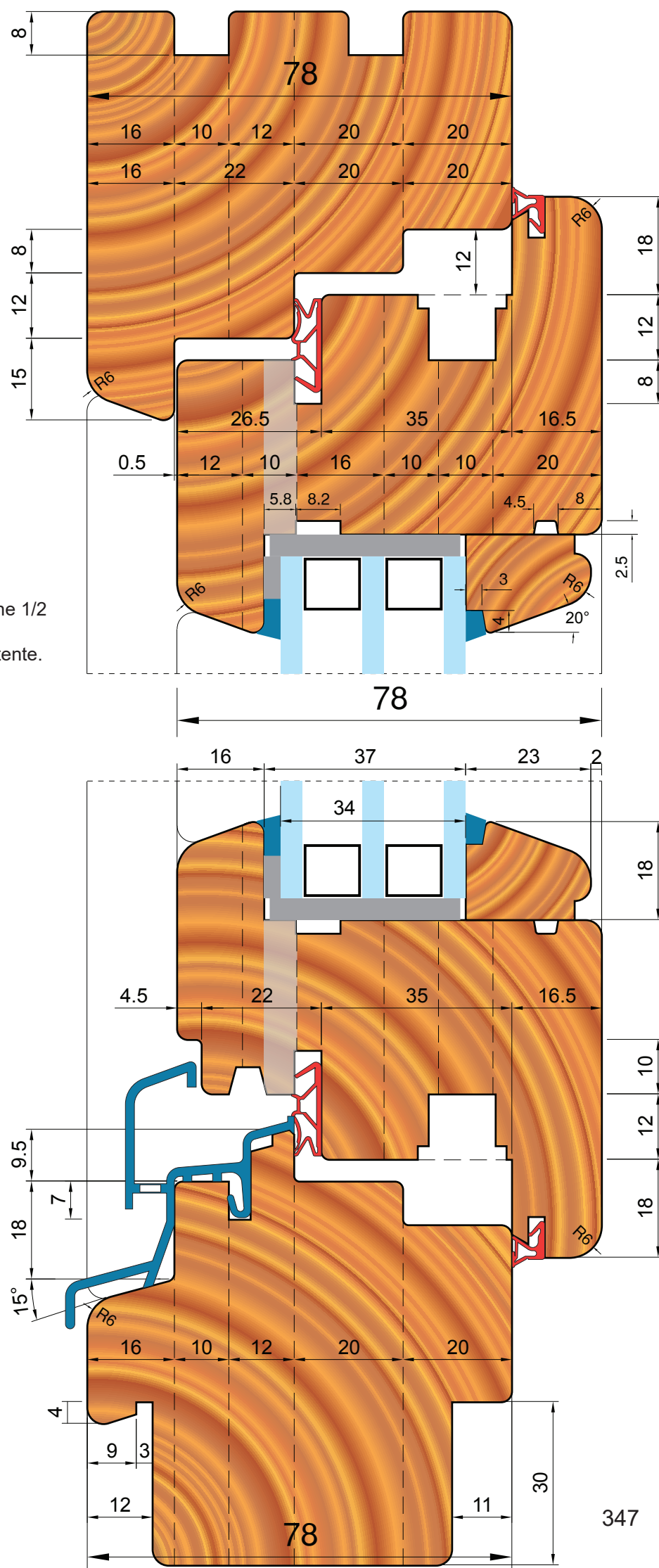
Infissi / Windows

CENTERINOX

IV 78

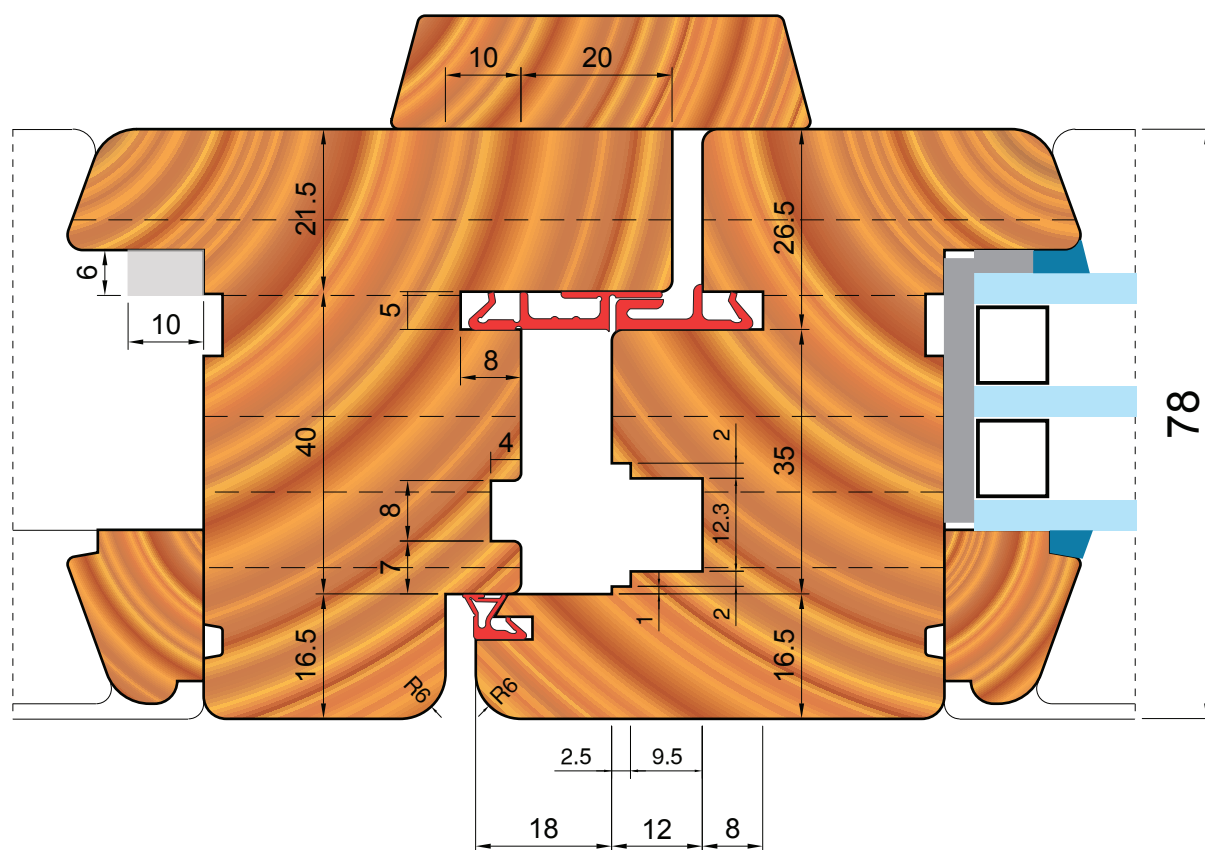
SEZIONE VERTICALE VERTICAL SECTION

Battente 78mm e telaio 78mm.
Vetro regolabile.
Doppia spina sul telaio e due spine 1/2
sul battente.
Sagome opzionali su telaio e battente.
Squadratura centrale con doppia
guarnizione.

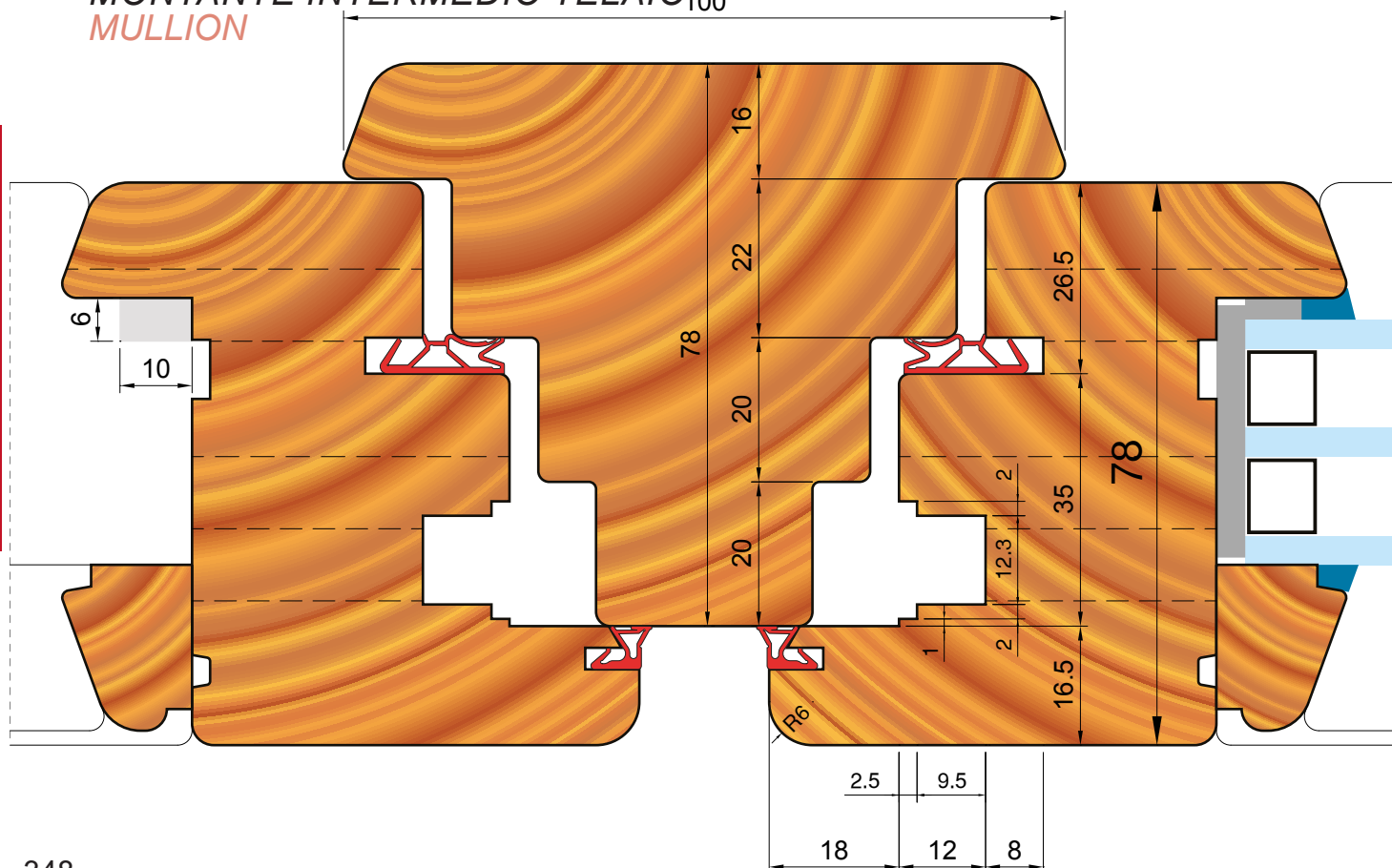


IV 78

SEZIONE ORIZZONTALE CHIUSURA CENTRALE HORIZONTAL SECTION CENTRAL CLOSURE

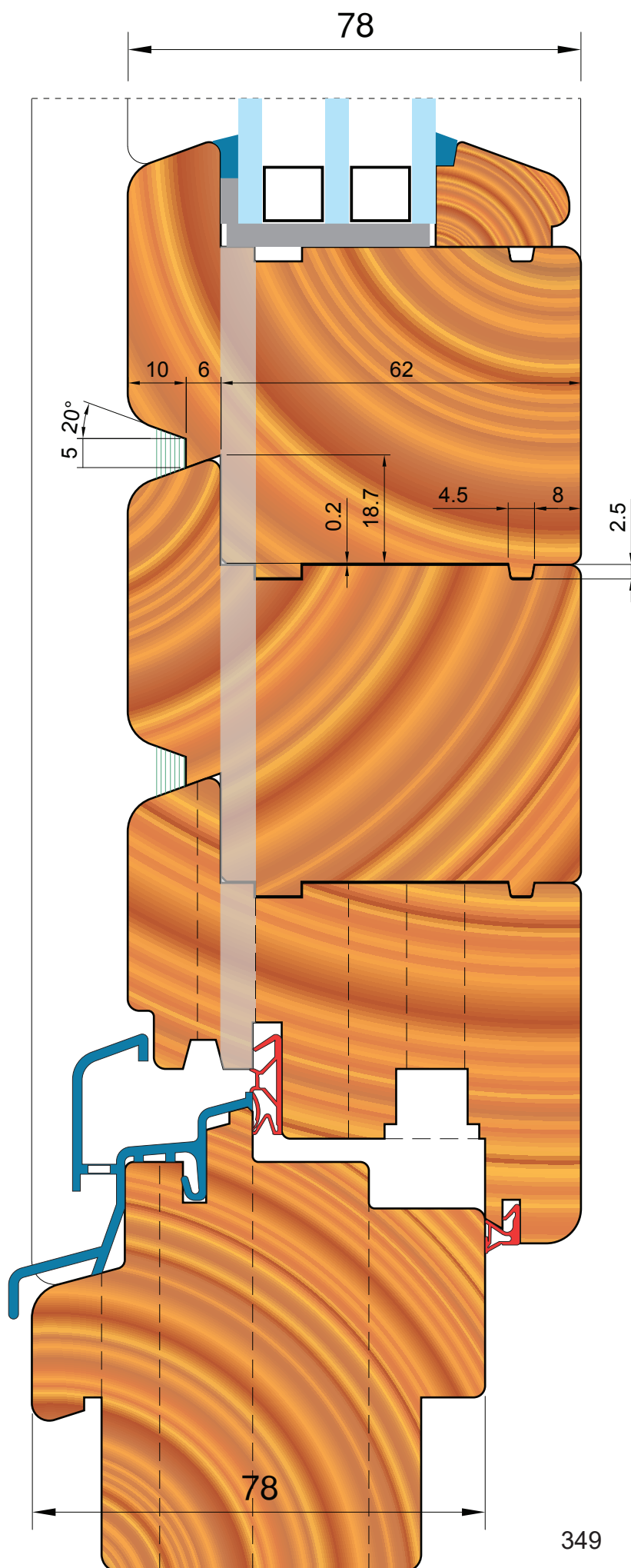


MONTANTE INTERMEDIO TELAIO₁₀₀ MULLION



IV 78

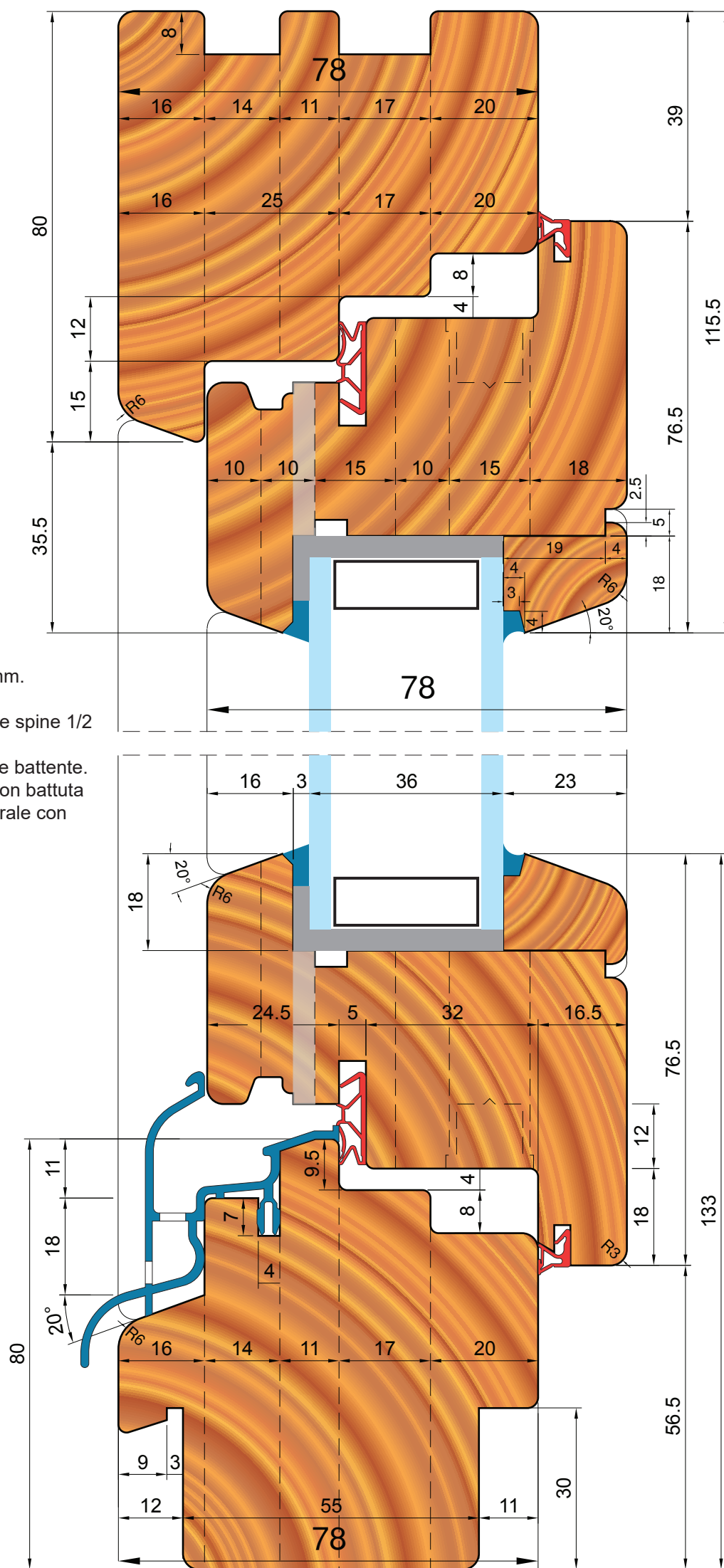
SEZIONE VERTICALE
PORTAFINESTRA
VERTICAL SECTION
FRENCH DOOR



IV 78-88

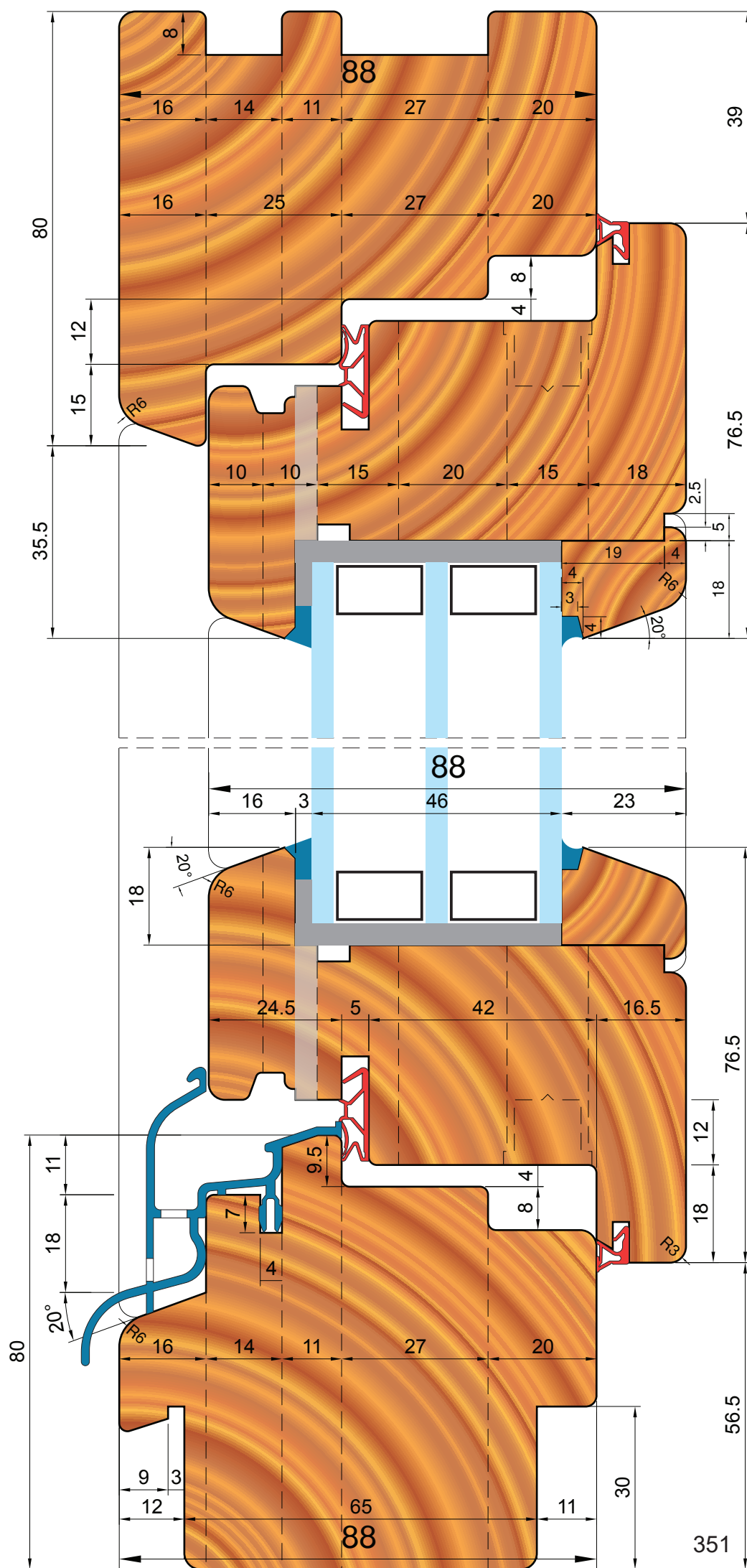
SEZIONE VERTICALE VERTICAL SECTION

Battente e telaio 78mm/88mm.
Vetro regolabile.
Doppia spina sul telaio e due spine 1/2
sul battente.
Sagome opzionali su telaio e battente.
Listello fermavetro interno con battuta
per sigillo, squadatura centrale con
doppia guarnizione.



IV 78-88

SEZIONE
VERTICALE
VERTICAL
SECTION

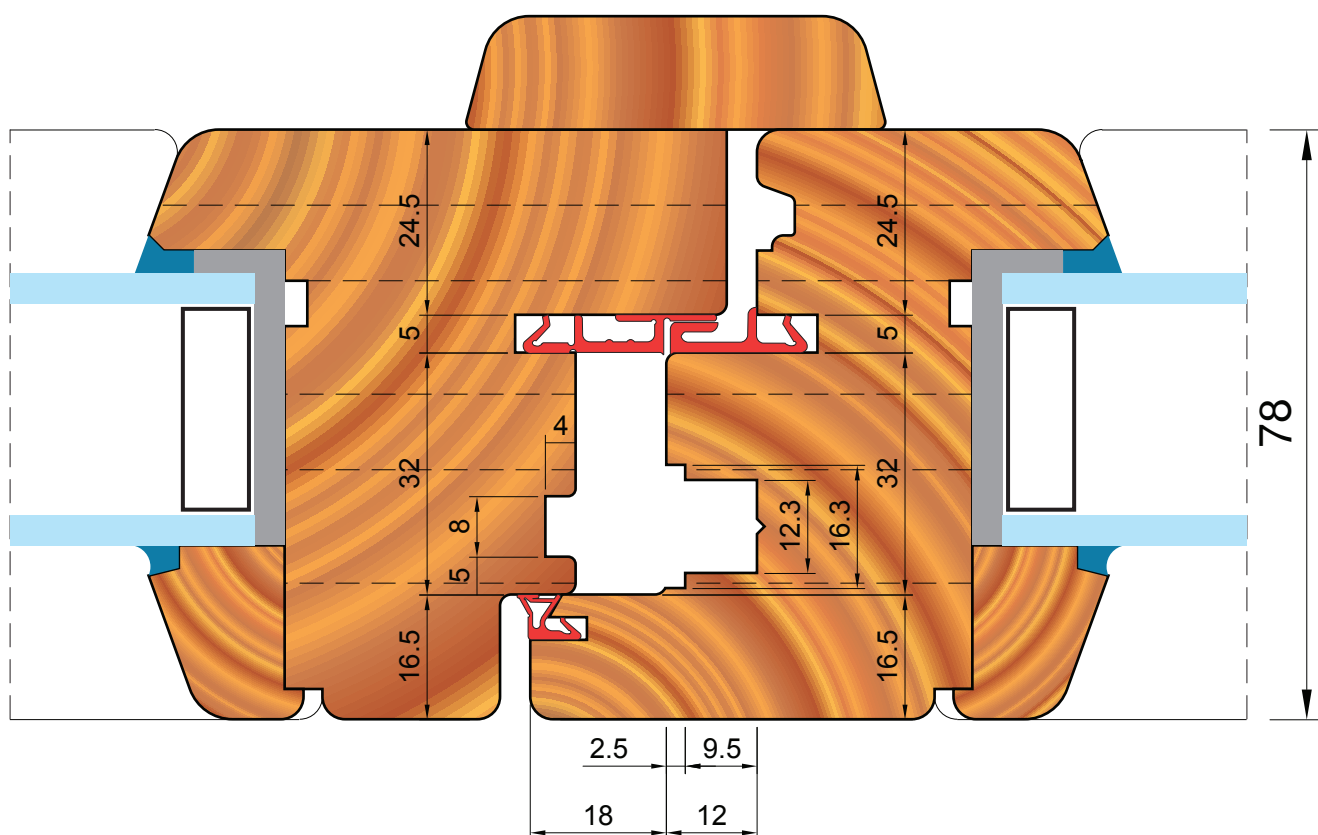


Infissi / Windows

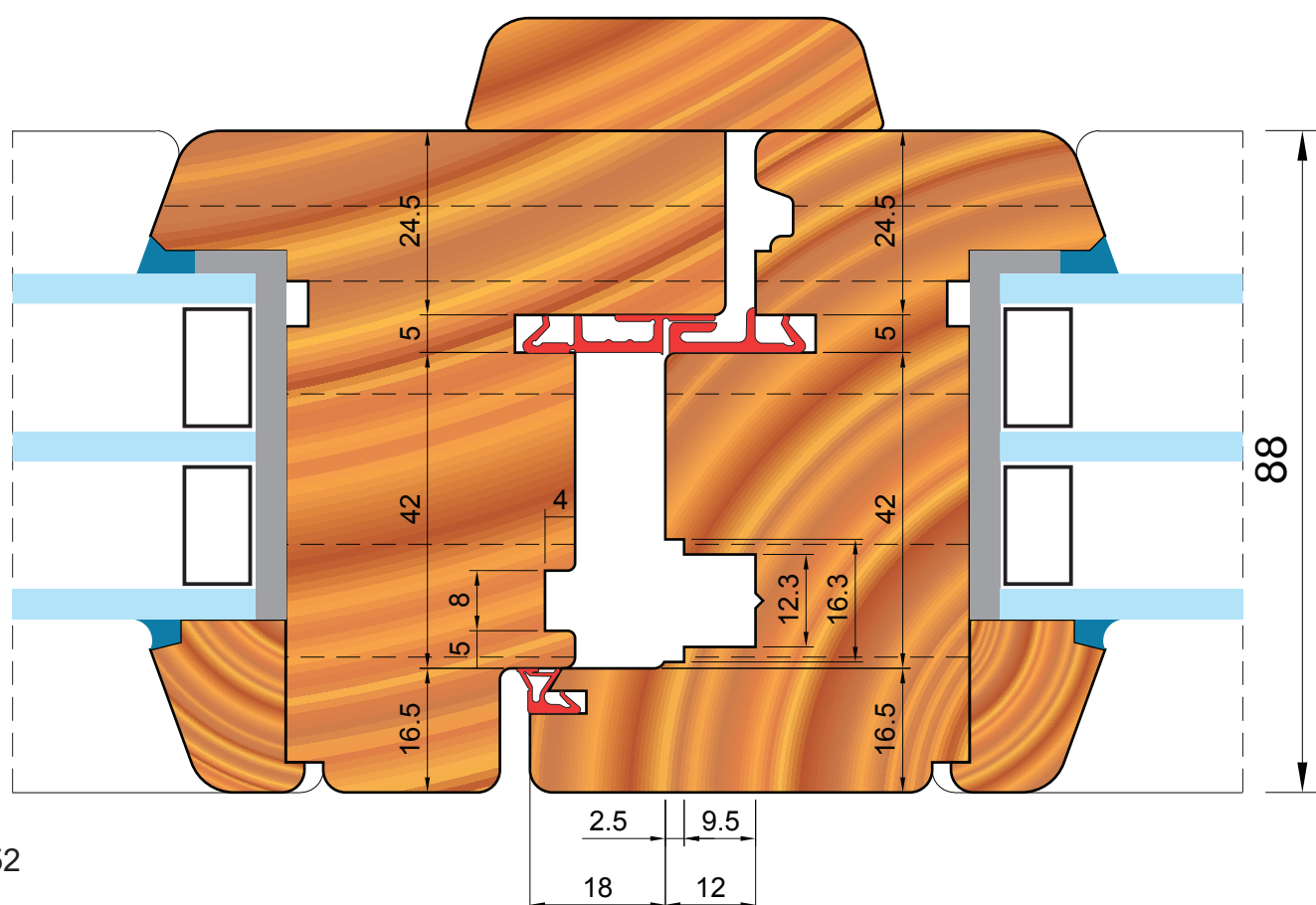
CENTERINOX

IV 78-88

SEZIONE ORIZZONTALE CHIUSURA CENTRALE
HORIZONTAL SECTION CENTRAL CLOSURE

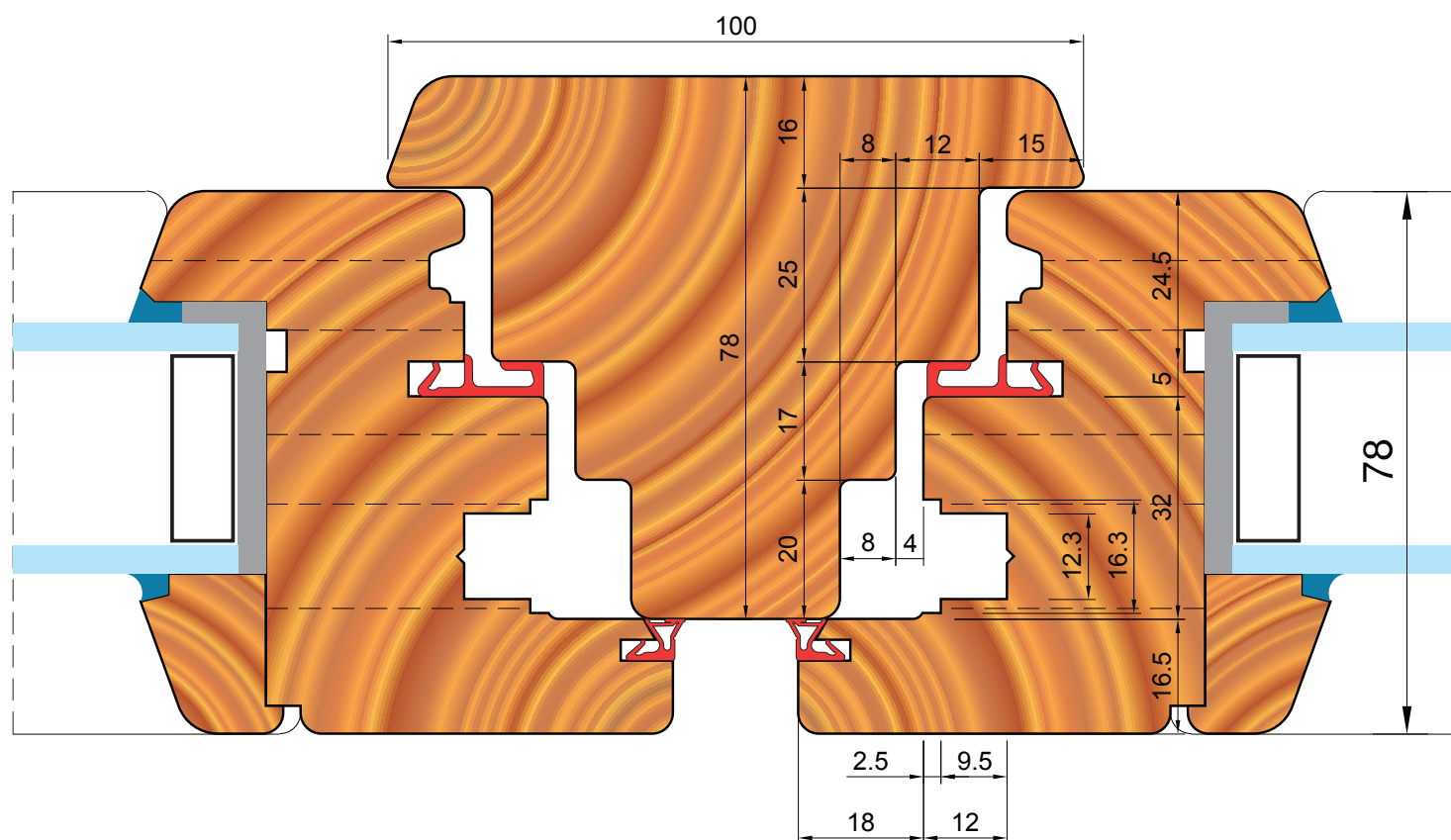


SEZIONE ORIZZONTALE CHIUSURA CENTRALE
HORIZONTAL SECTION CENTRAL CLOSURE

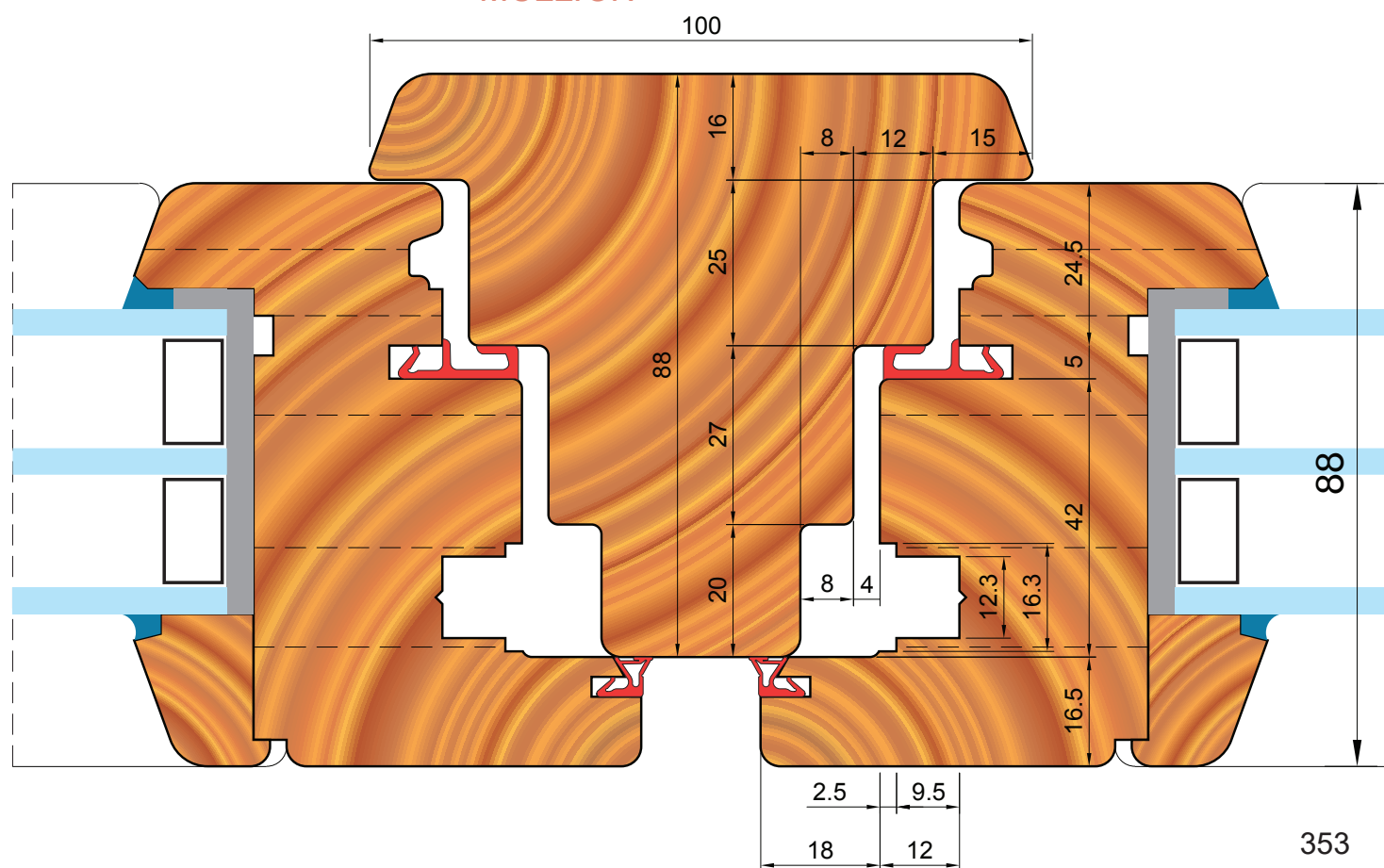


IV 78-88

MONTANTE INTERMEDIO TELAIO MULLION



MONTANTE INTERMEDIO TELAIO MULLION



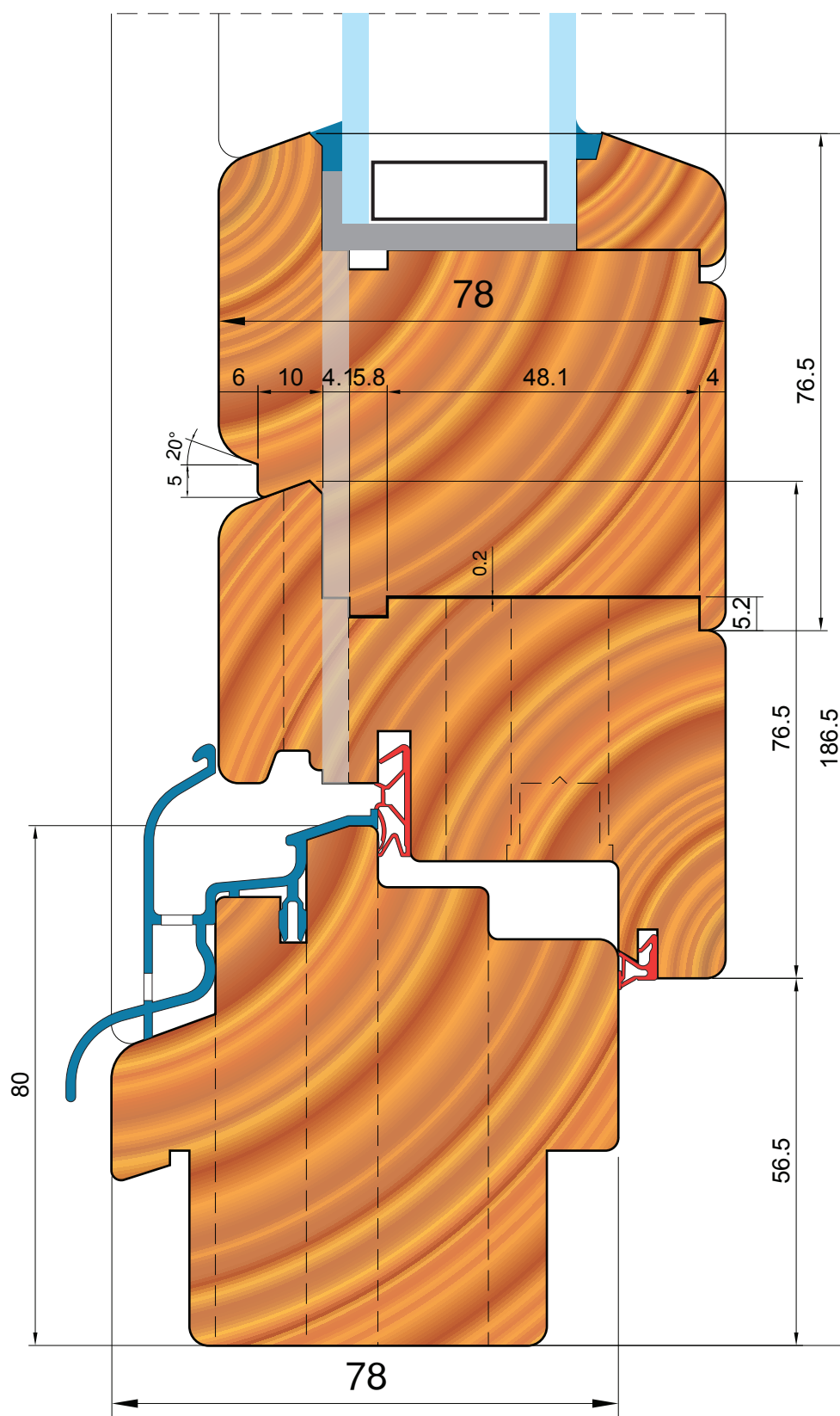
Infissi / Windows

CENTERINOX

353

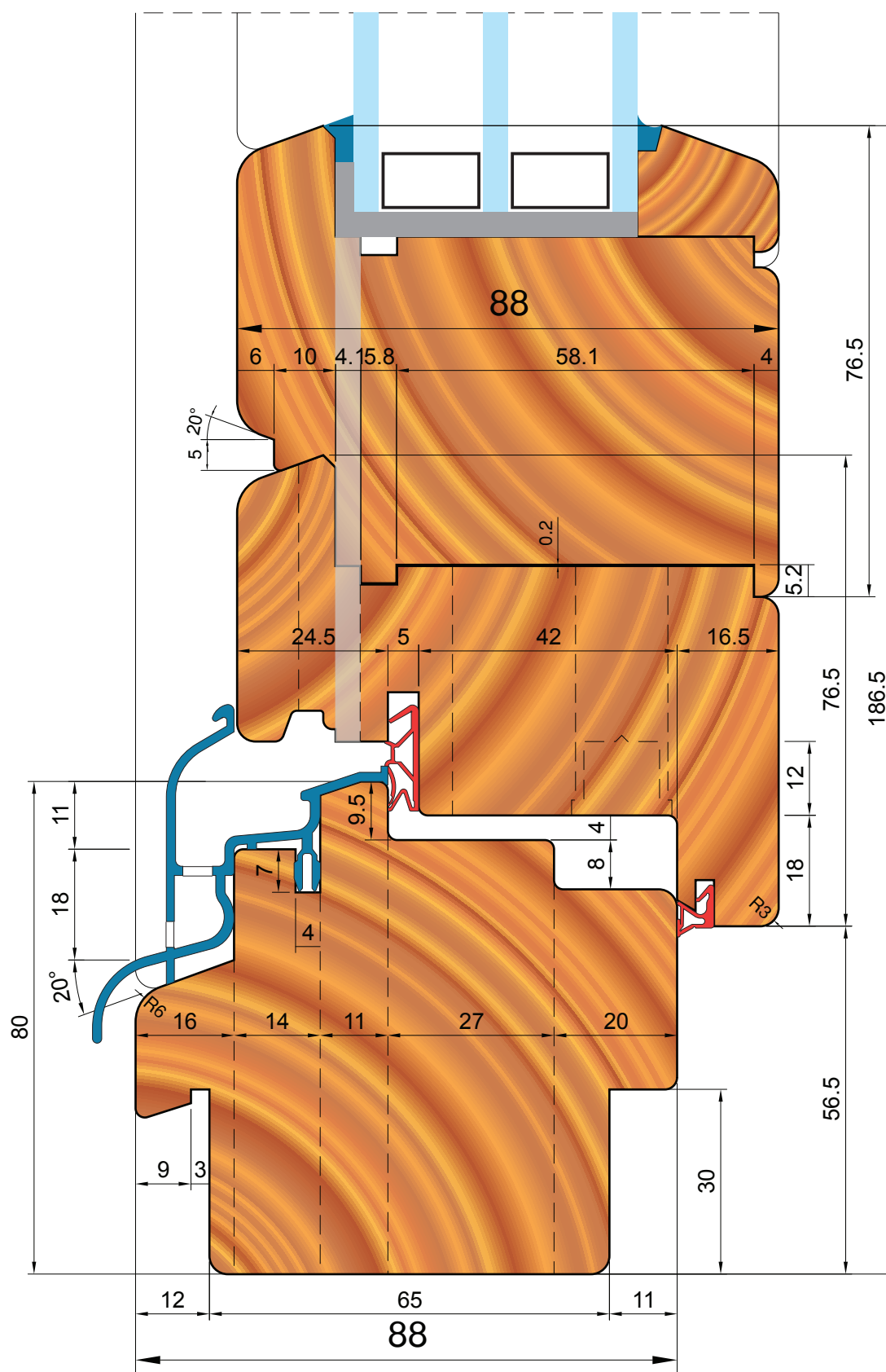
IV 78-88

SEZIONE VERTICALE PORTA FINESTRA VERTICAL SECTION FRENCH DOOR



IV 78-88

SEZIONE VERTICALE PORTA FINESTRA
VERTICAL SECTION FRENCH DOOR



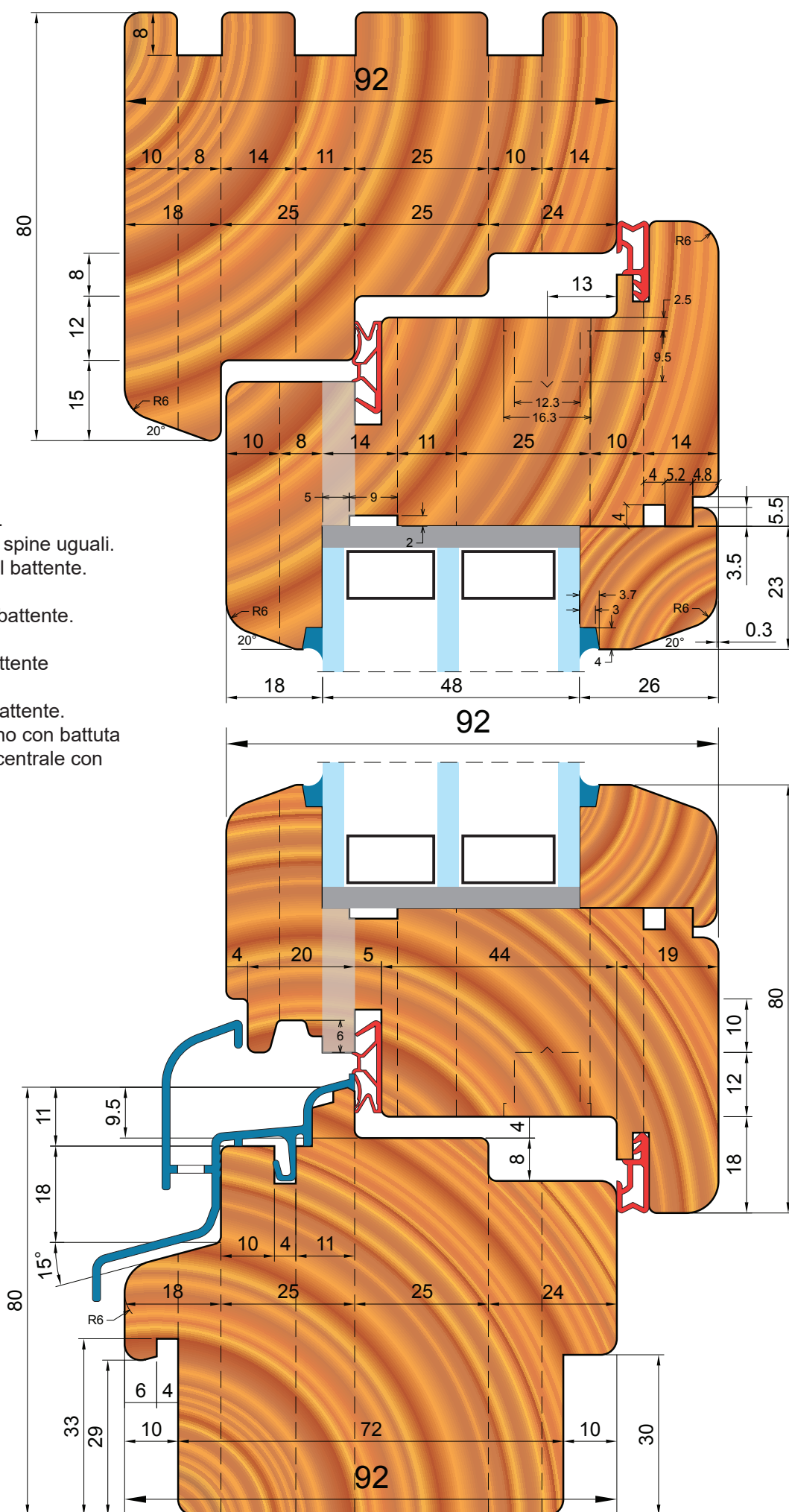
IV 92



IV 92

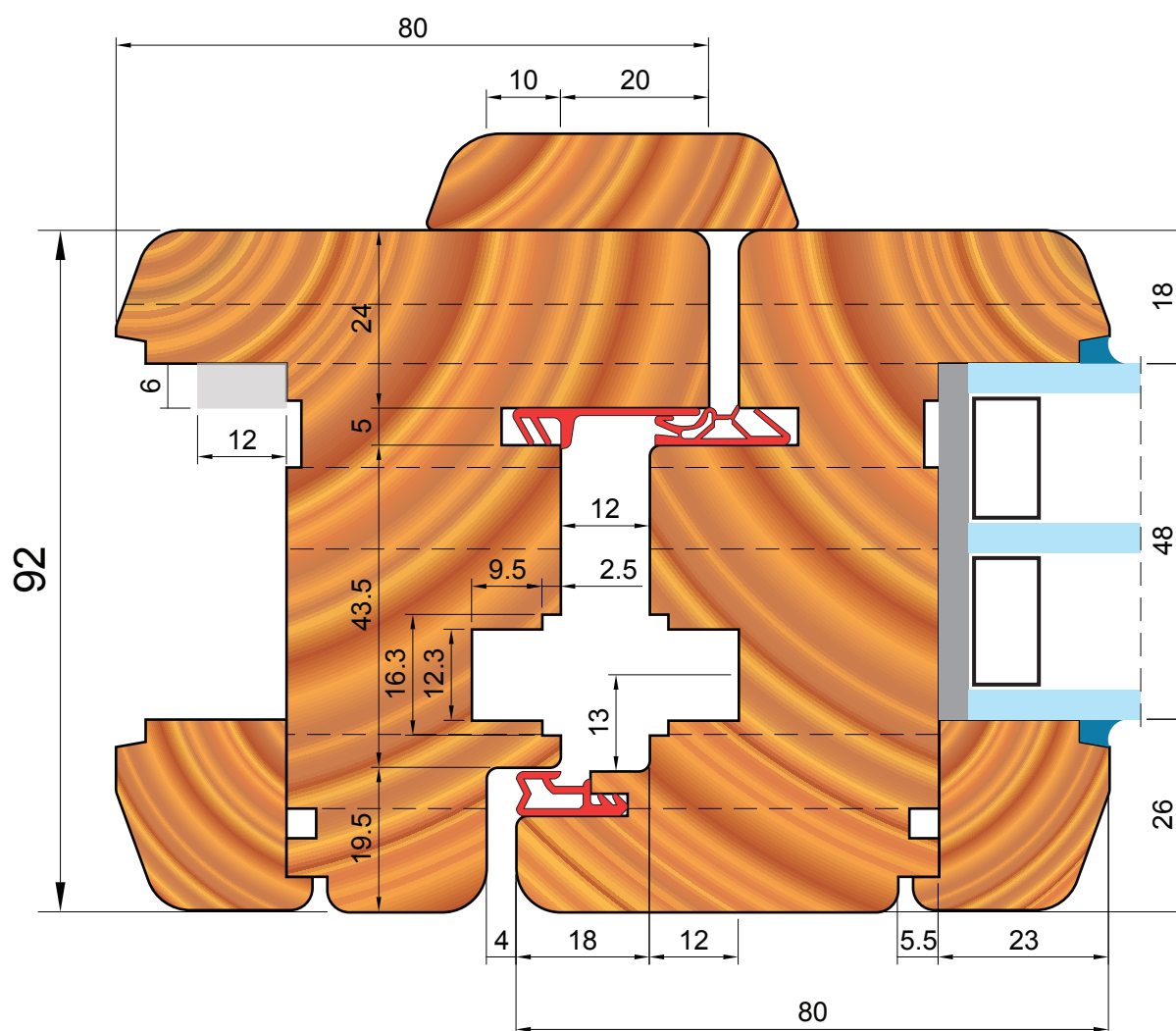
SEZIONE VERTICALE VERTICAL SECTION

Battente e telaio 92 mm.
Battente e telaio con tre spine uguali.
Guarnizione acustica sul battente.
Ferramenta asse 13.
Tenoncino di tenuta sul battente.
Vetro regolabile.
Scarico passante sul battente
anti-condensa.
Sagome opzionali sul battente.
Listello fermavetro interno con battuta
per sigillo, squadratura centrale con
doppia guarnizione.



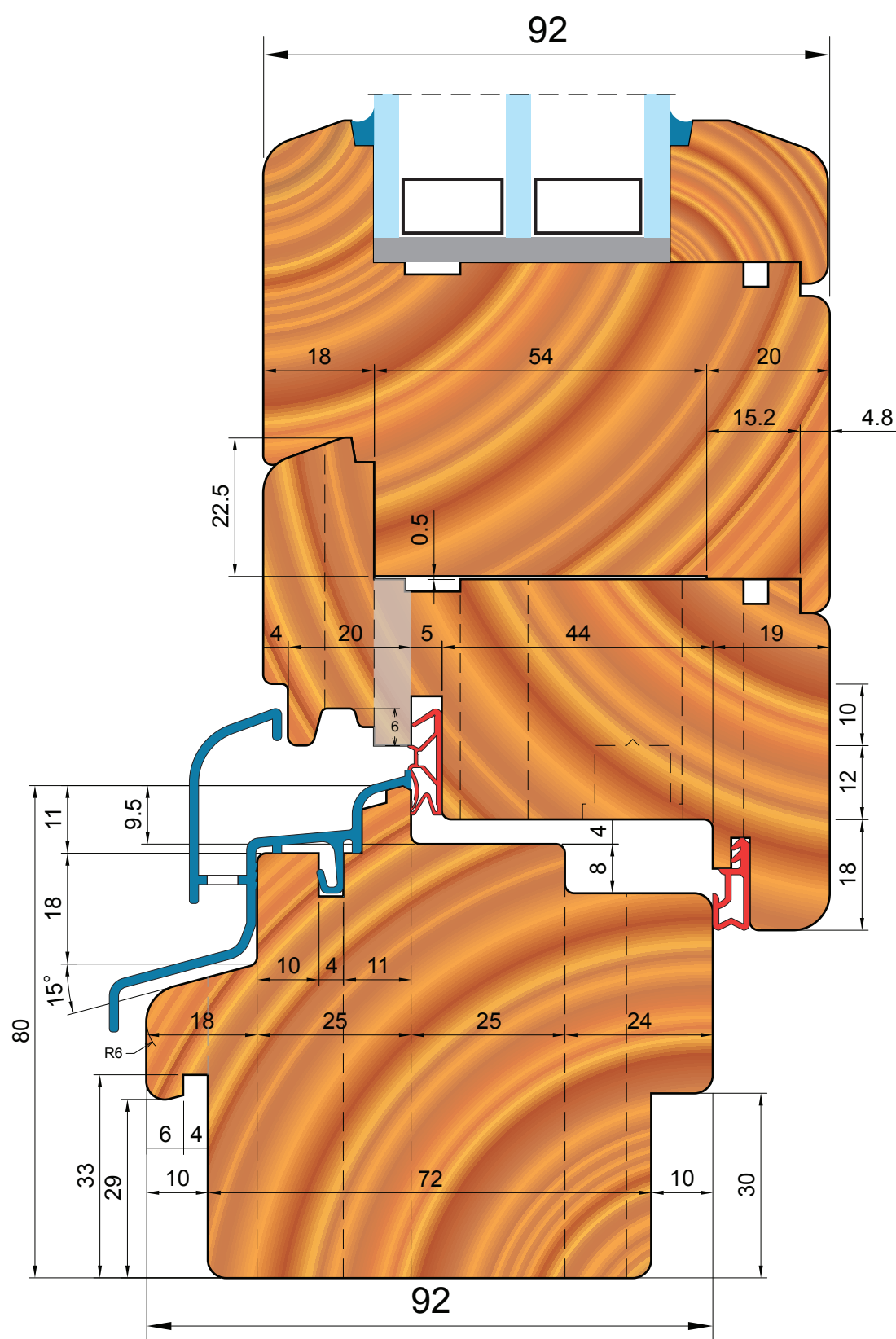
IV 92

SEZIONE ORIZZONTALE CHIUSURA CENTRALE HORIZONTAL SECTION CENTRAL CLOSURE



IV 92

SEZIONE VERTICALE PORTA FINESTRA VERTICAL SECTION FRENCH DOOR



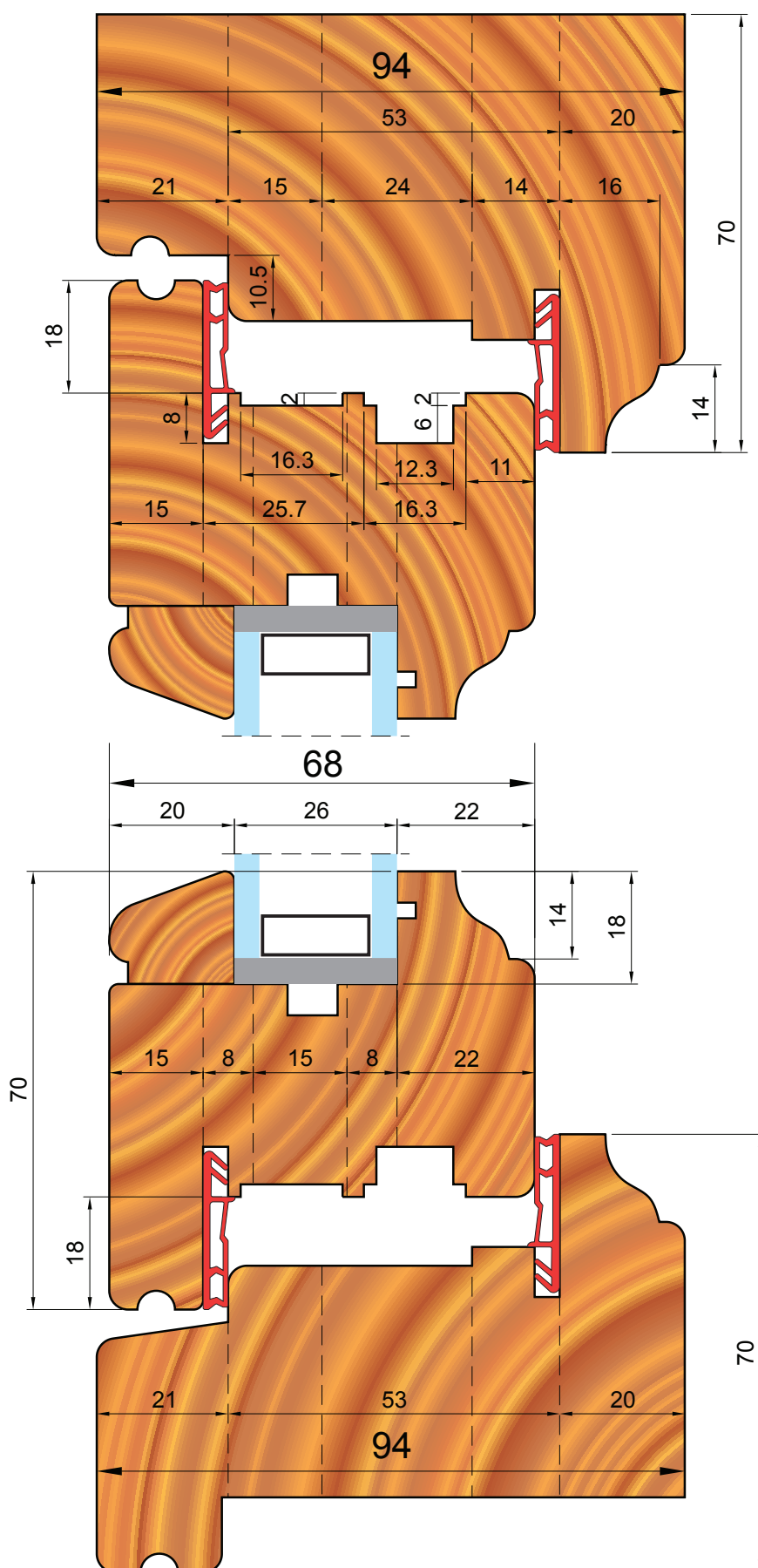
Infissi / Windows

CENTERINOX

SERRAMENTO MODELLO INGLESE

WINDOW ENGLISH MODEL

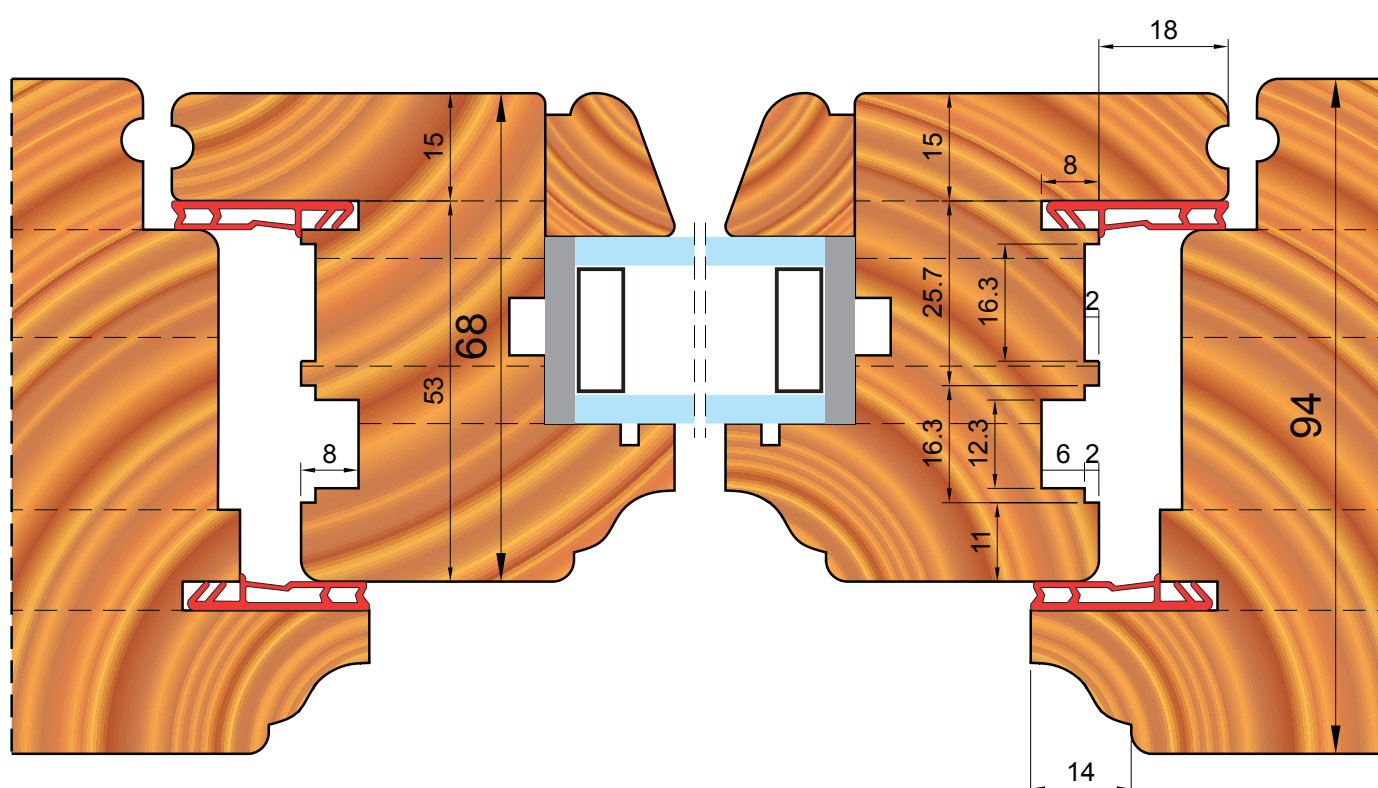
SEZIONE
VERTICALE
VERTICAL
SECTION



SERRAMENTO MODELLO INGLESE

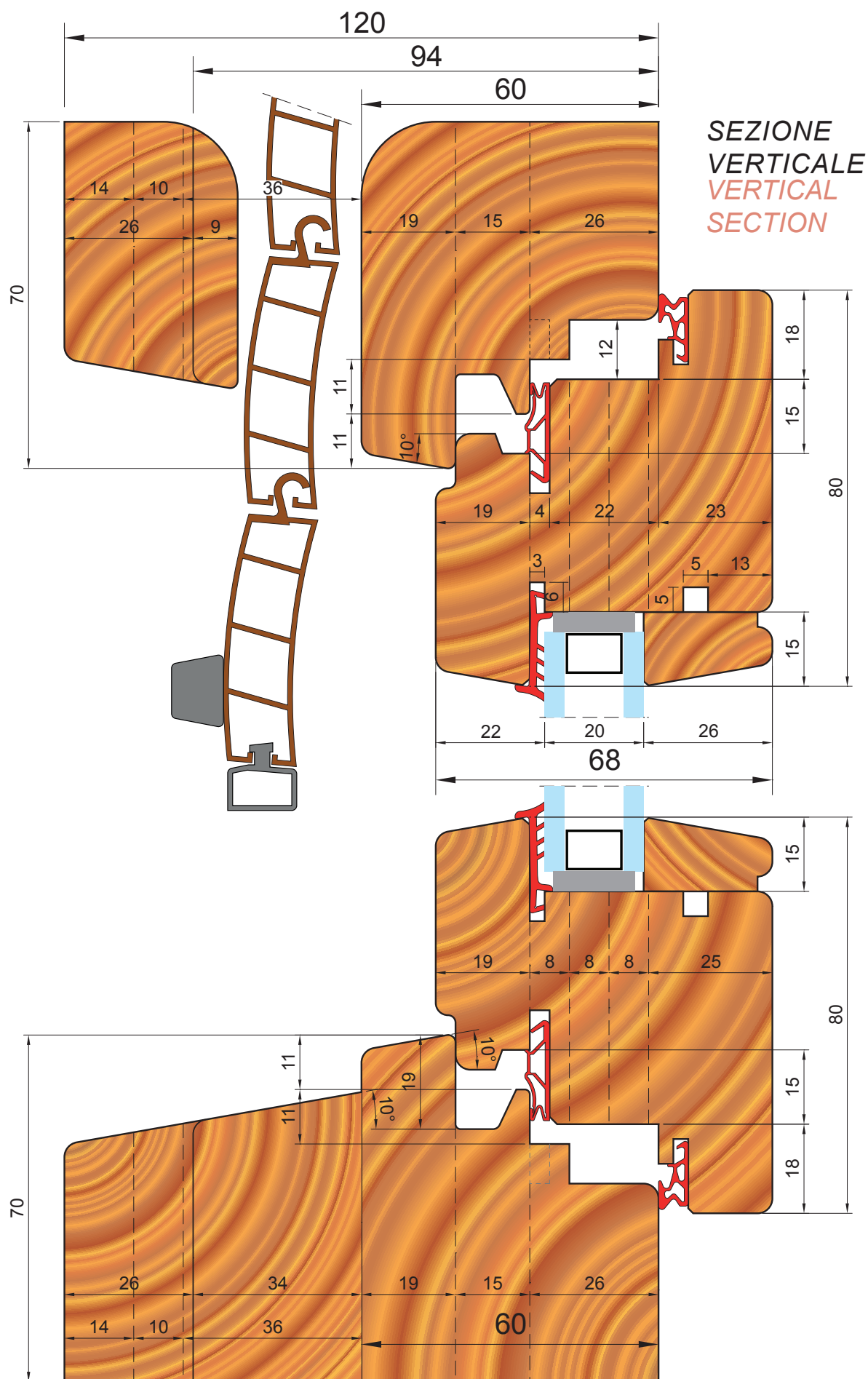
WINDOW ENGLISH MODEL

SEZIONE ORIZZONTALE
HORIZONTAL SECTION



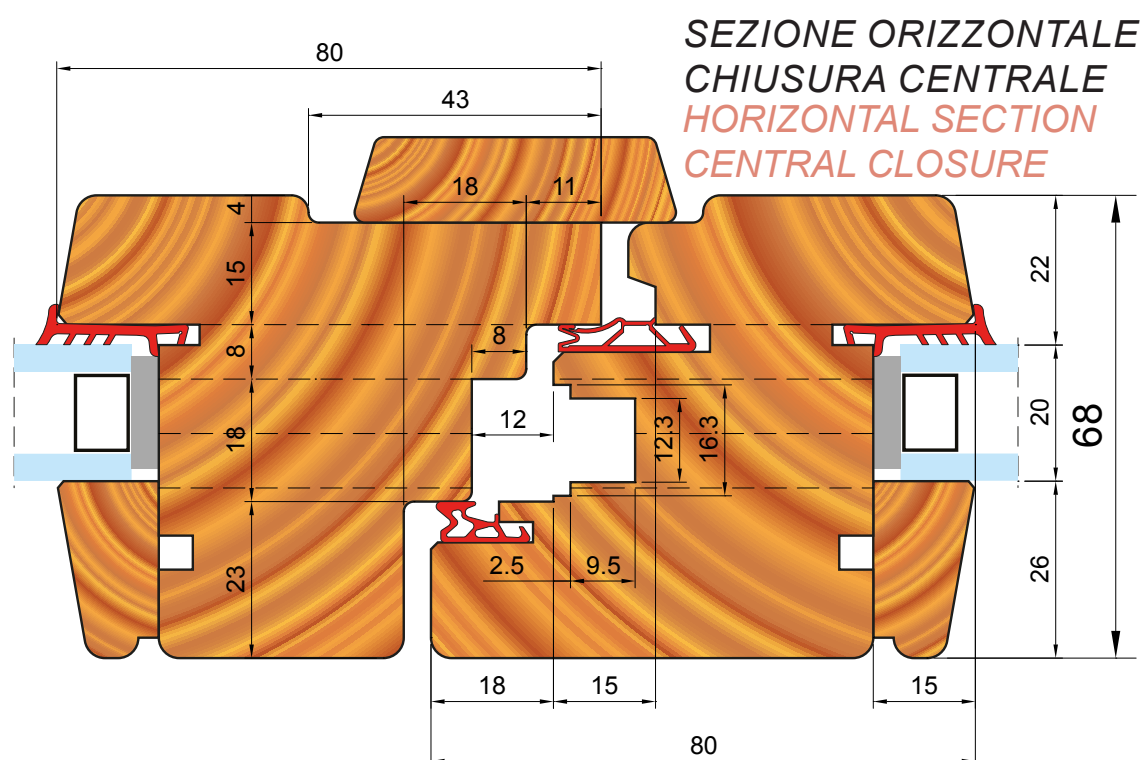
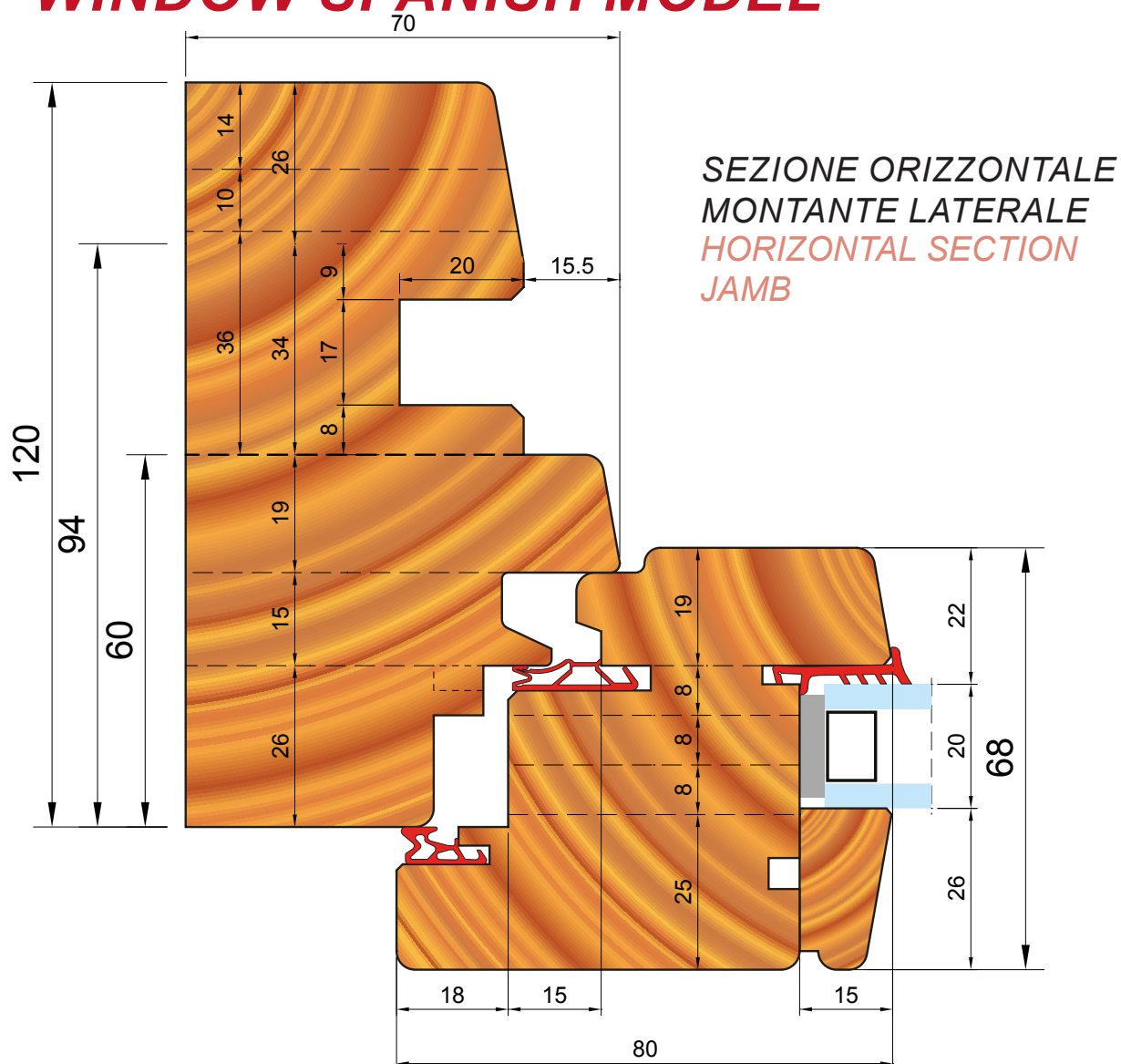
SERRAMENTO MODELLO SPAGNOLO

WINDOW SPANISH MODEL



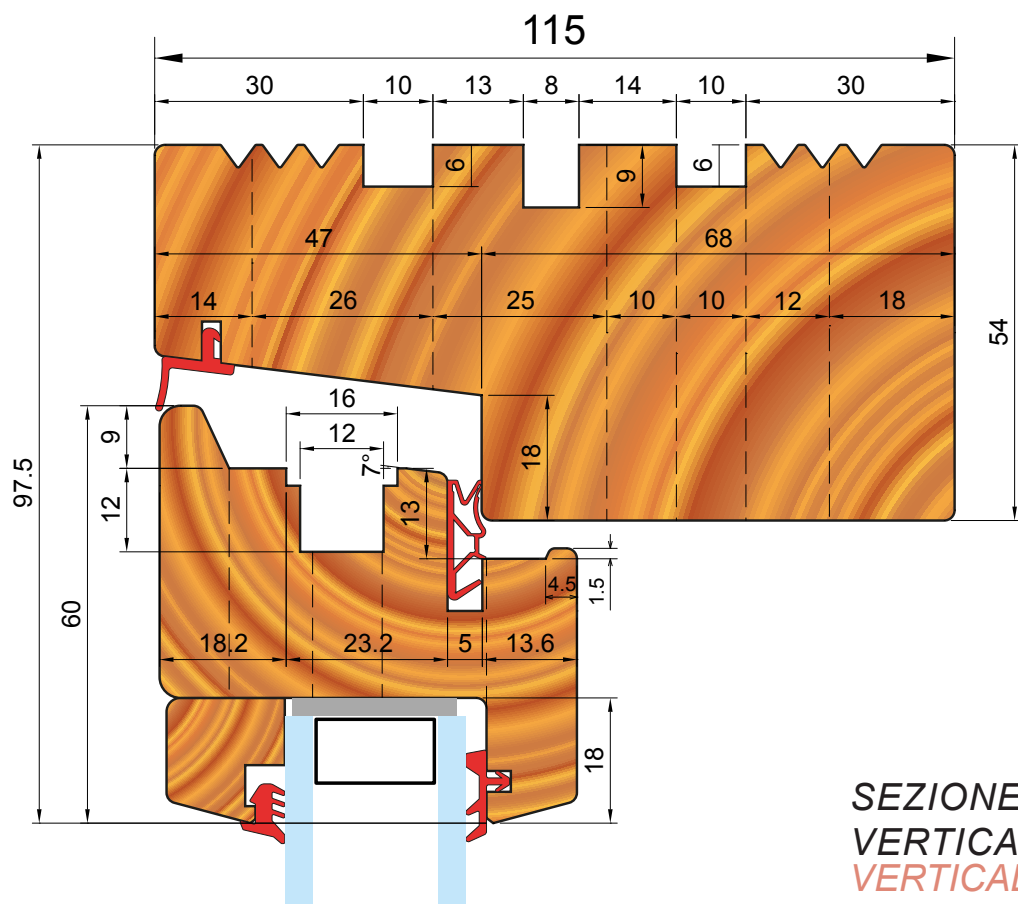
SERRAMENTO MODELLO SPAGNOLO

WINDOW SPANISH MODEL

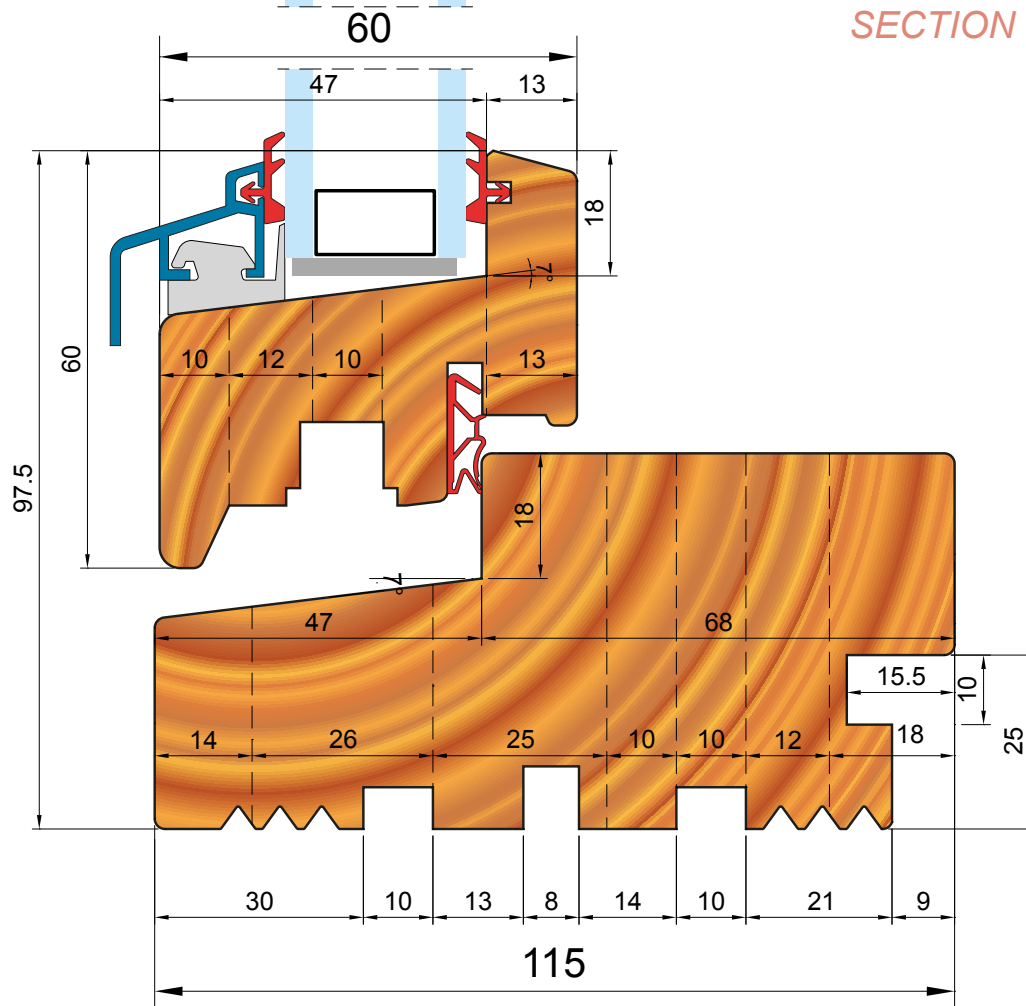


SERRAMENTO MODELLO SCANDINAVO

WINDOW SCANDINAVIAN MODEL



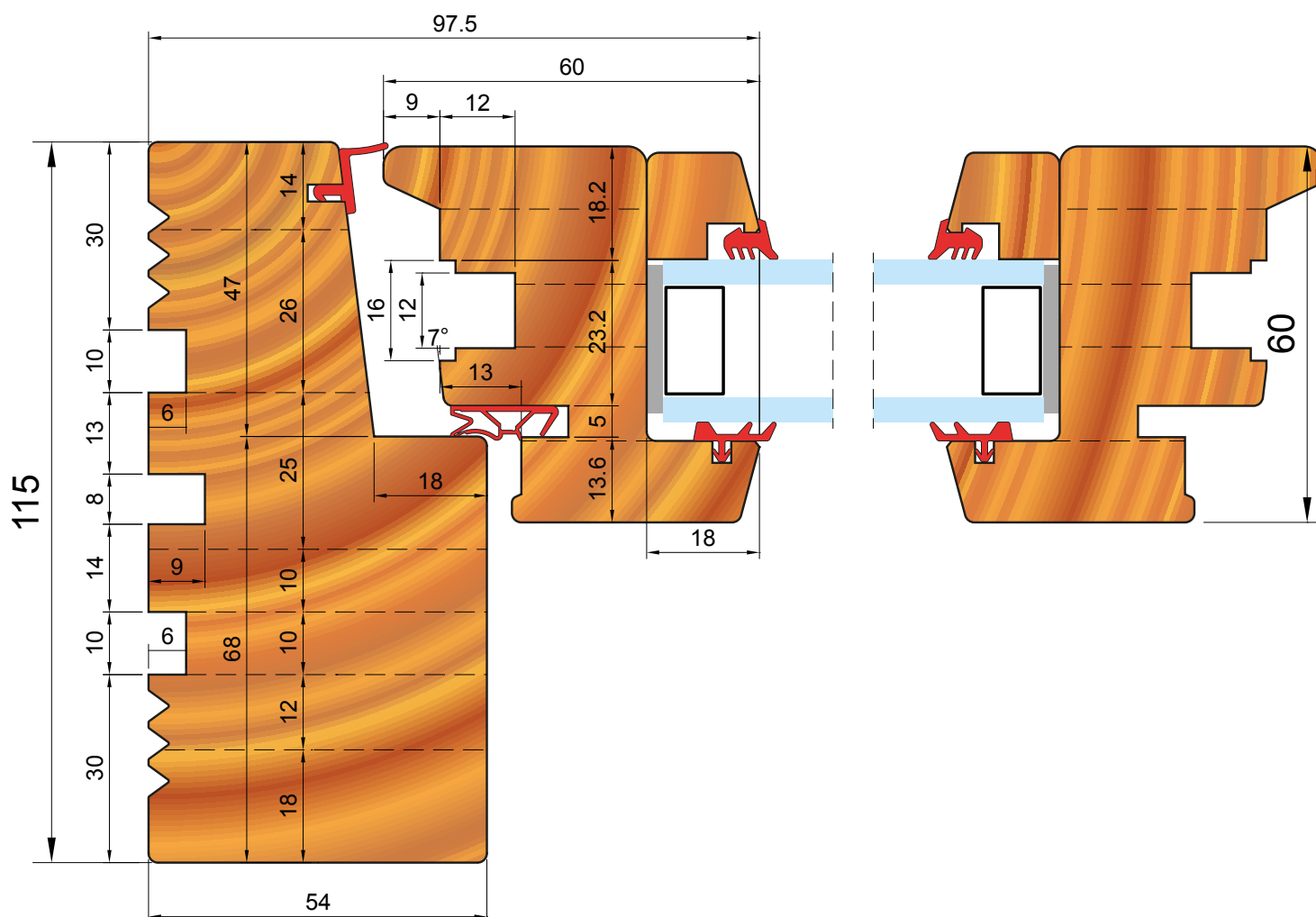
SEZIONE
VERTICALE
VERTICAL
SECTION



SERRAMENTO MODELLO SCANDINAVO

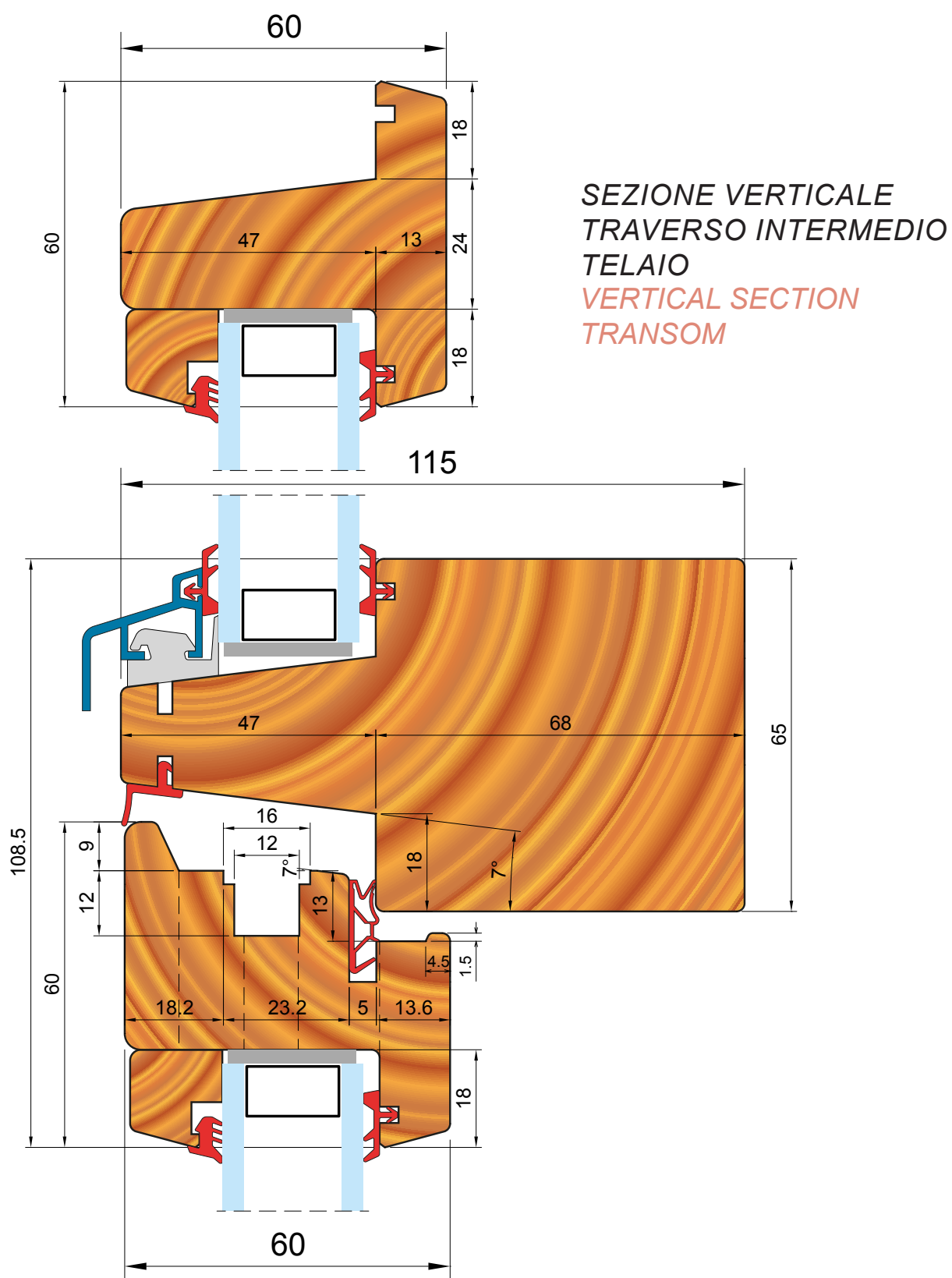
WINDOW SCANDINAVIAN MODEL

SEZIONE ORIZZONTALE
MONTANTE LATERALE
HORIZONTAL SECTION
JAMB



SERRAMENTO MODELLO SCANDINAVO

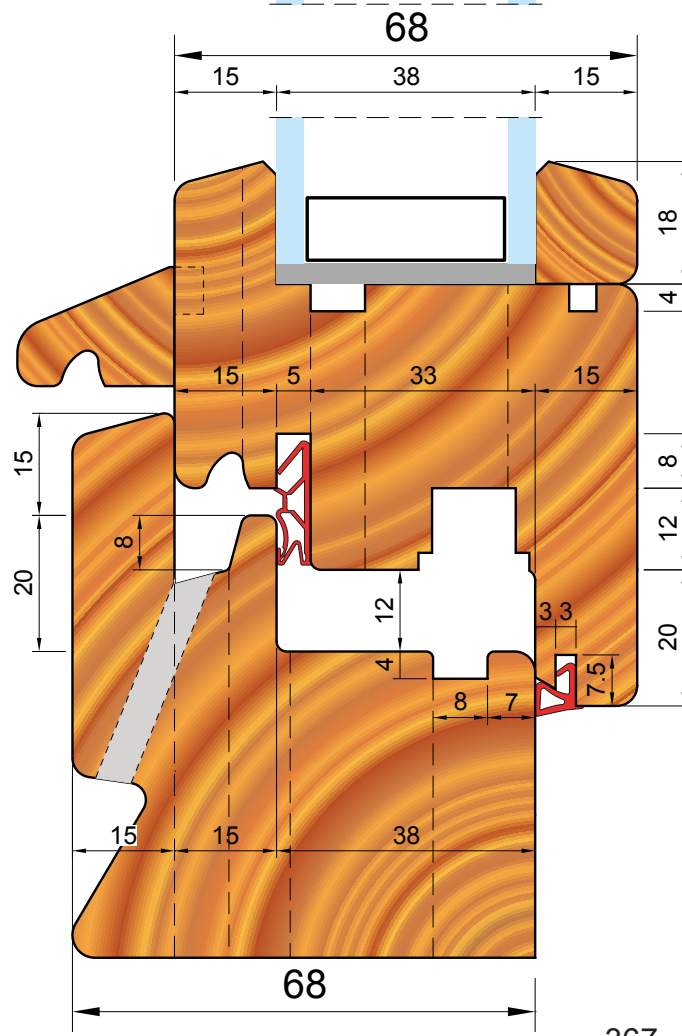
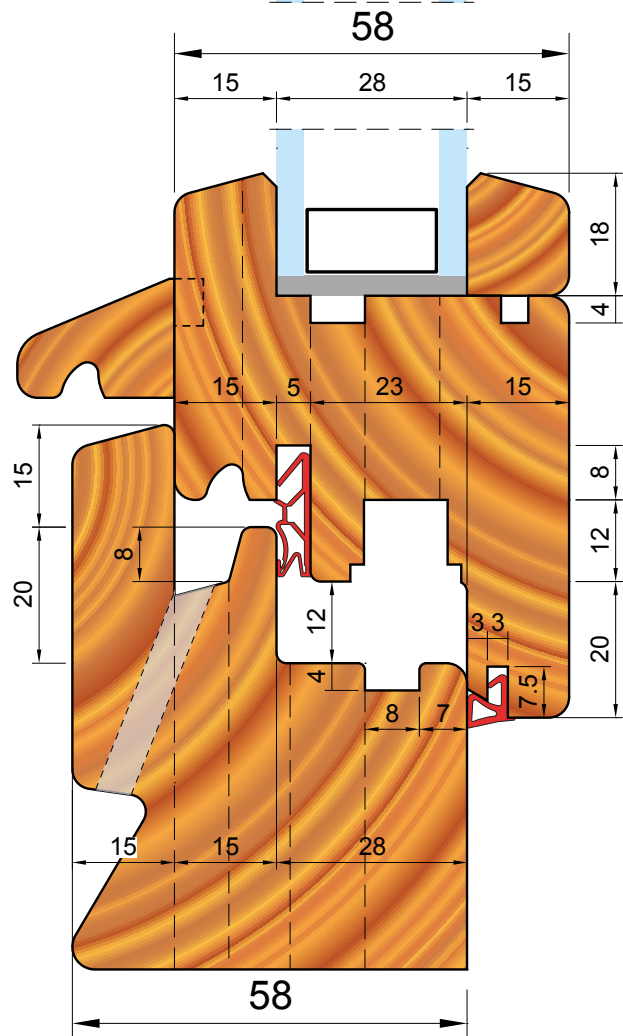
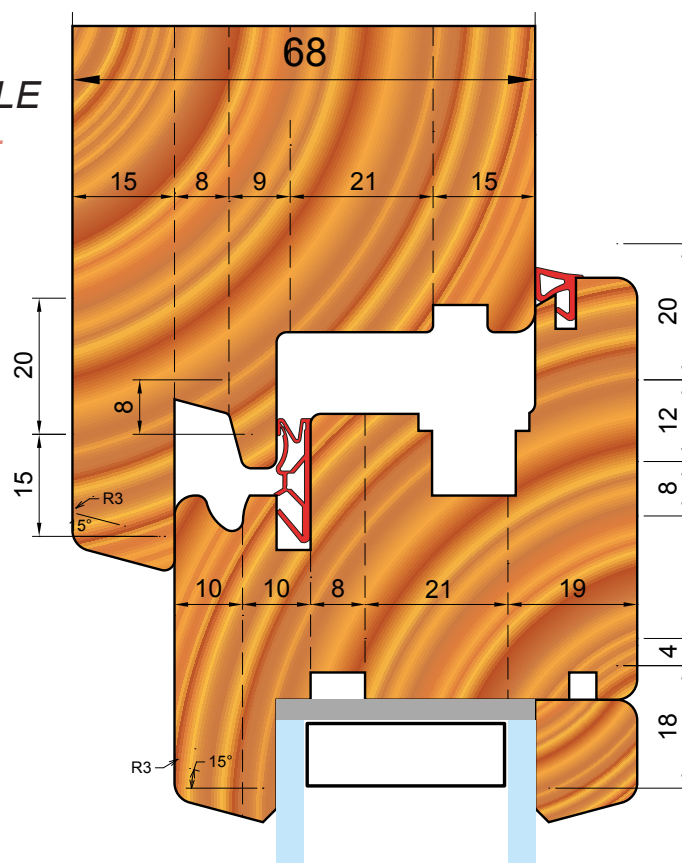
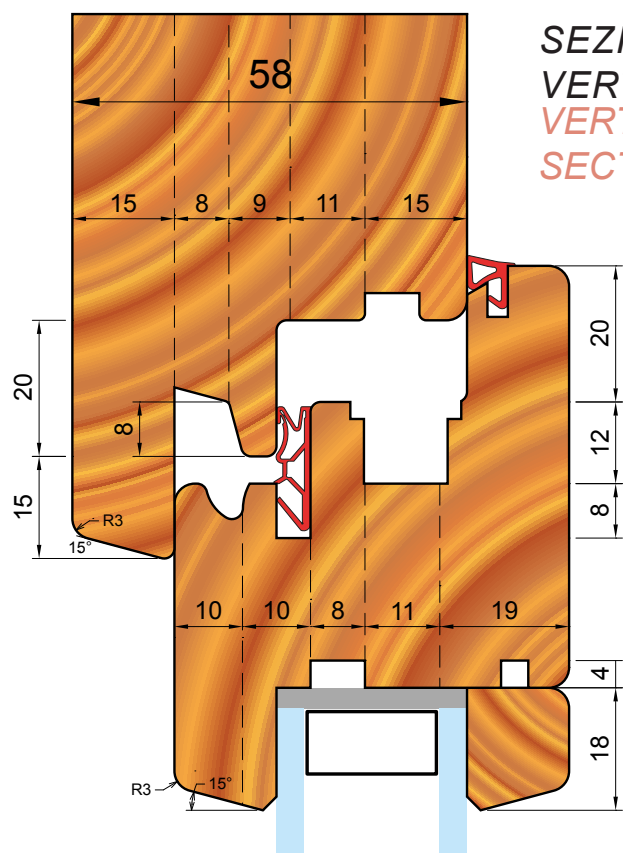
WINDOW SCANDINAVIAN MODEL



SERRAMENTO MODELLO FRANCESE

WINDOW FRENCH MODEL

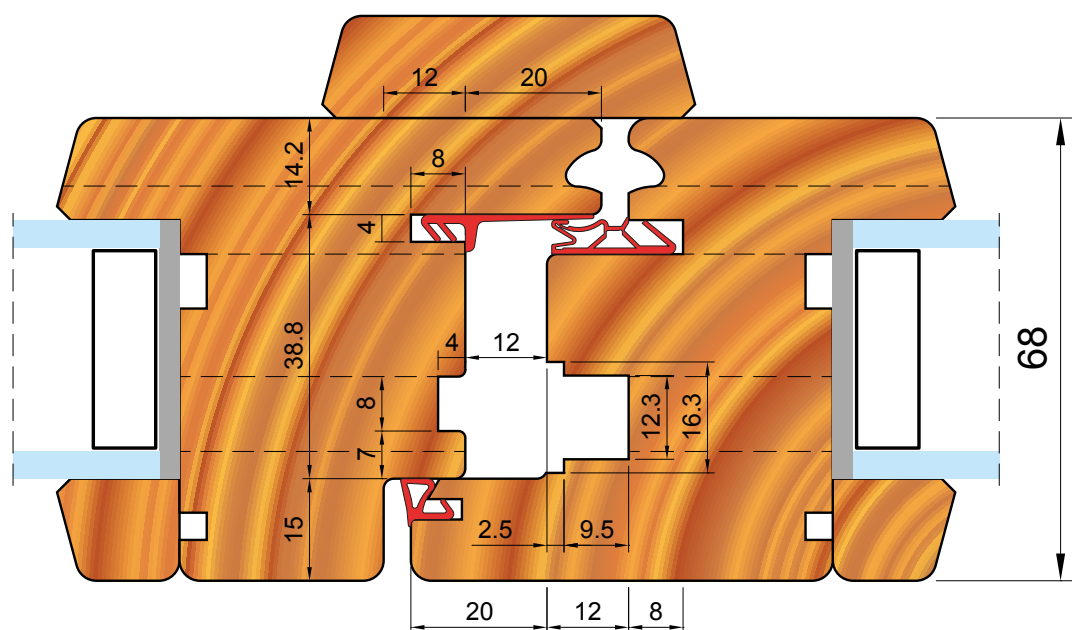
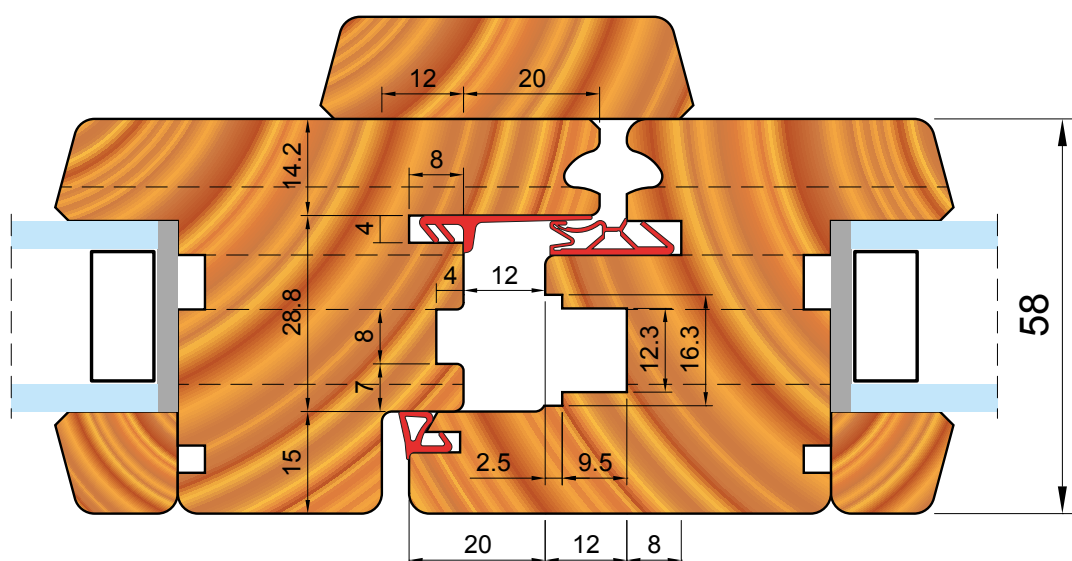
SEZIONE
VERTICALE
VERTICAL
SECTION



SERRAMENTO MODELLO FRANCESE

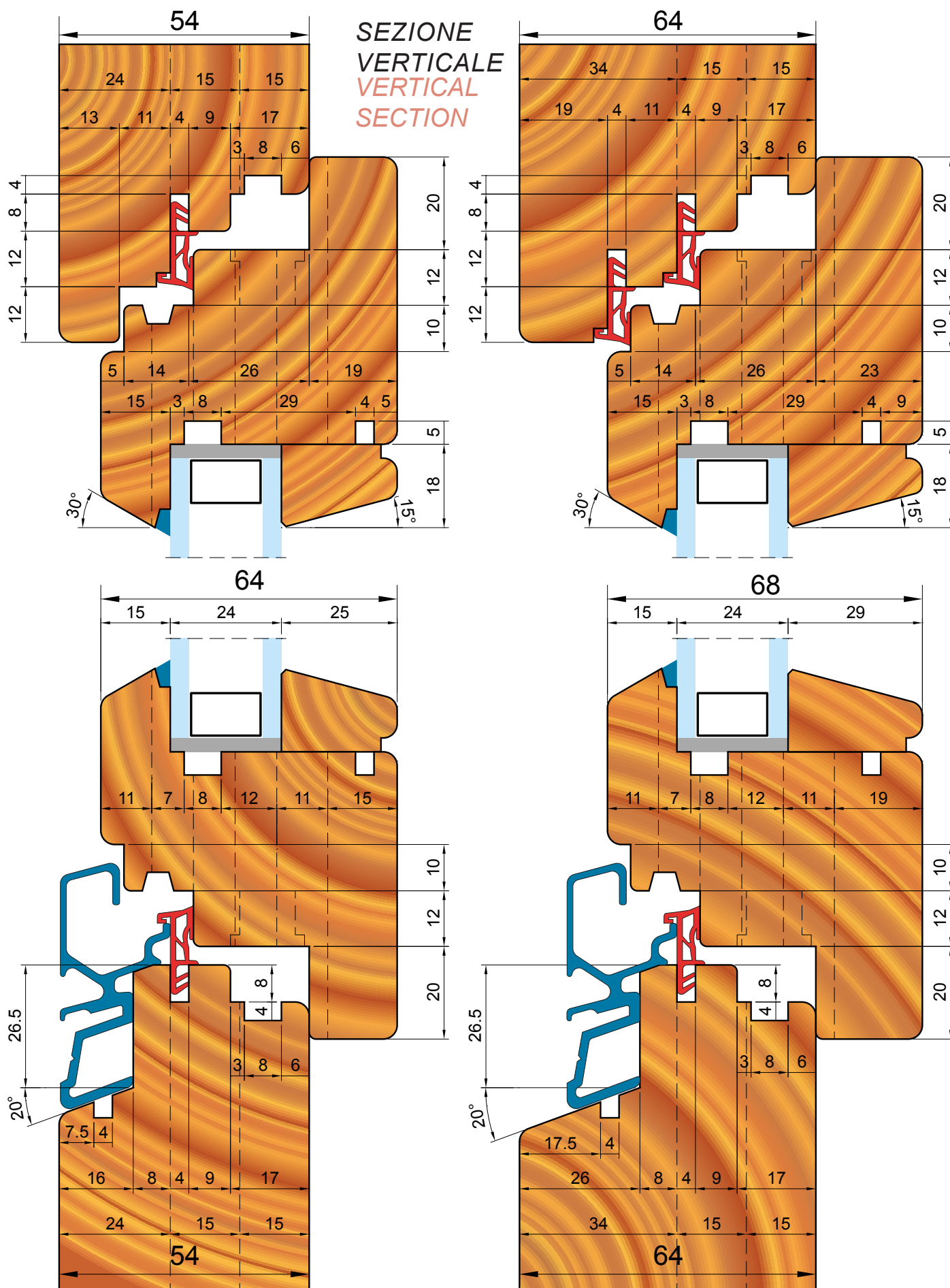
WINDOW FRENCH MODEL

SEZIONE ORIZZONTALE CHIUSURA CENTRALE
HORIZONTAL SECTION CENTRAL CLOSURE



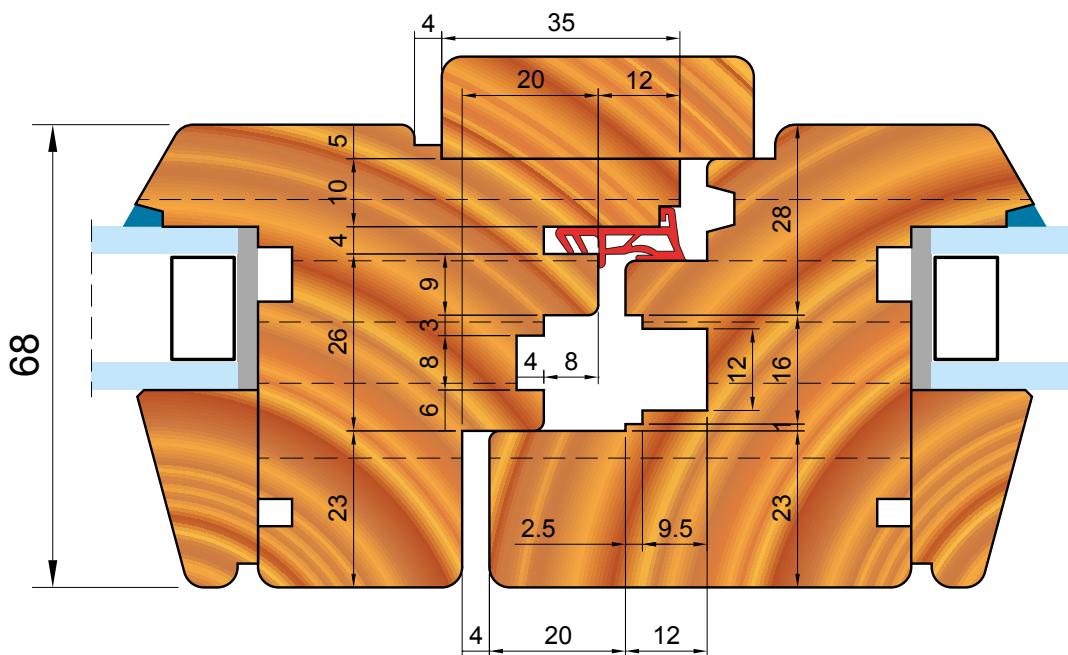
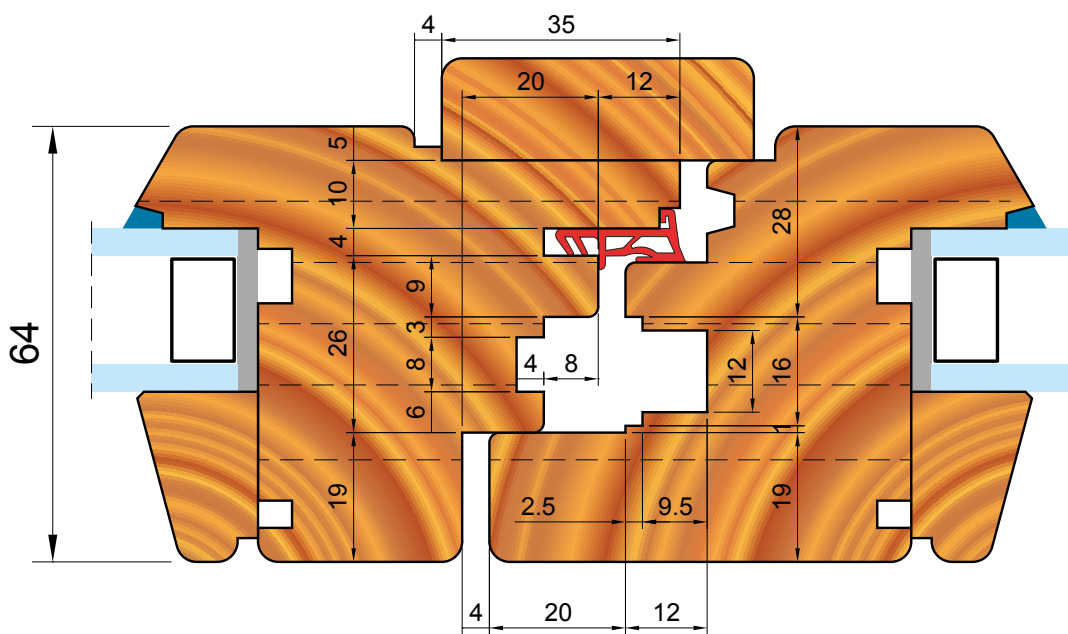
SERRAMENTO MODELLO SVIZZERO

WINDOW SWISS MODEL



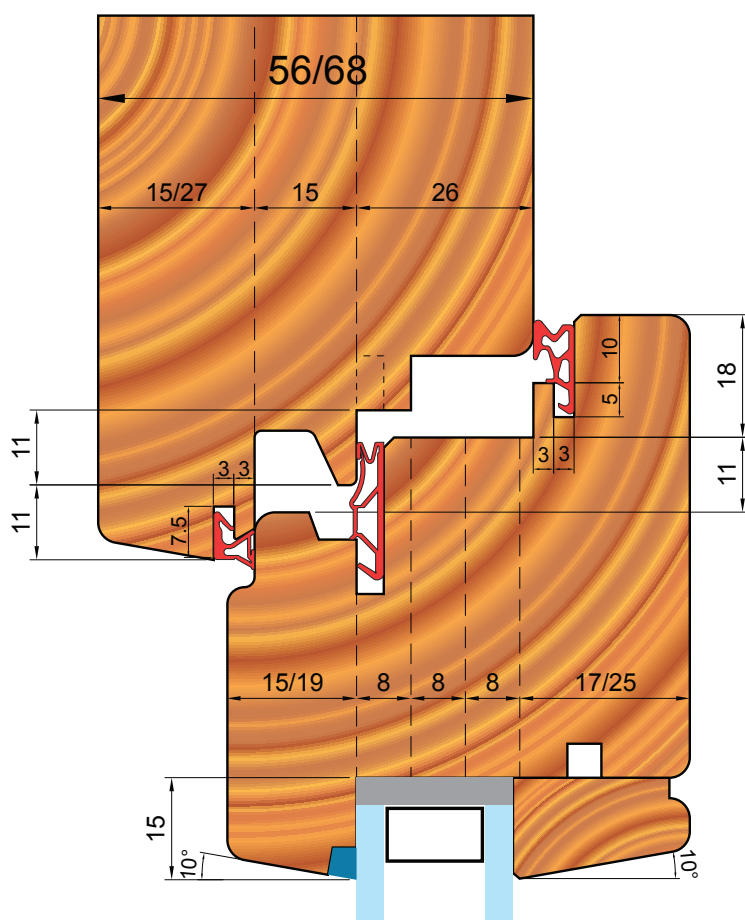
SERRAMENTO MODELLO SVIZZERO
WINDOW SWISS MODEL

SEZIONE ORIZZONTALE CHIUSURA CENTRALE
HORIZONTAL SECTION CENTRAL CLOSURE

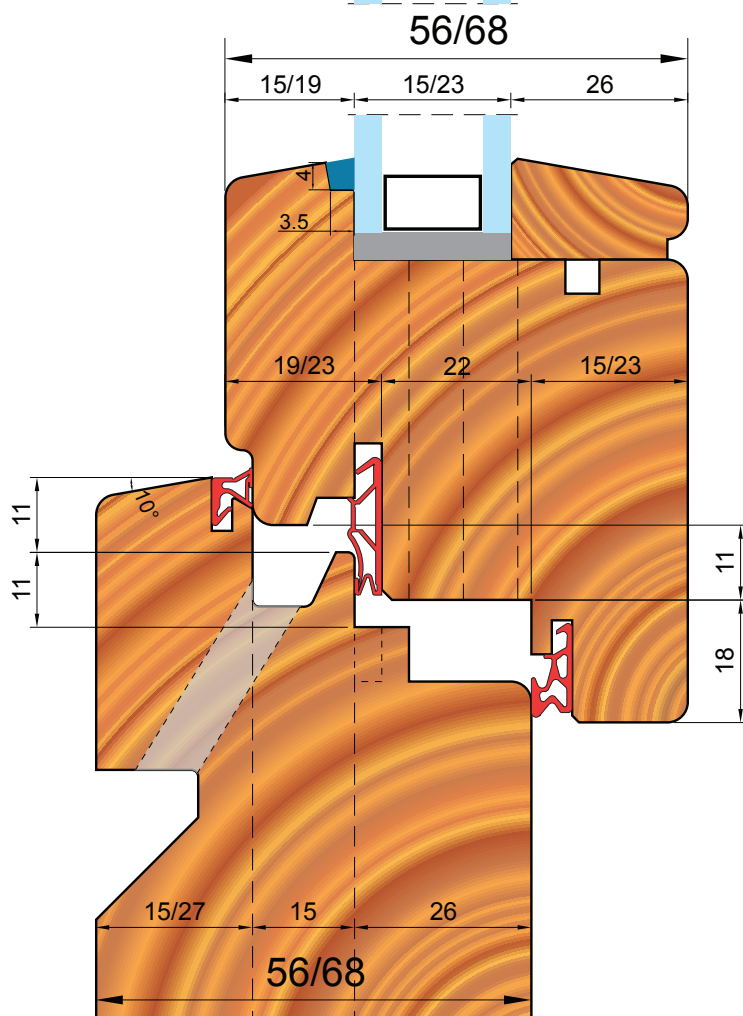


SERRAMENTO MODELLO PORTOGHESE

WINDOW PORTUGUESE MODEL



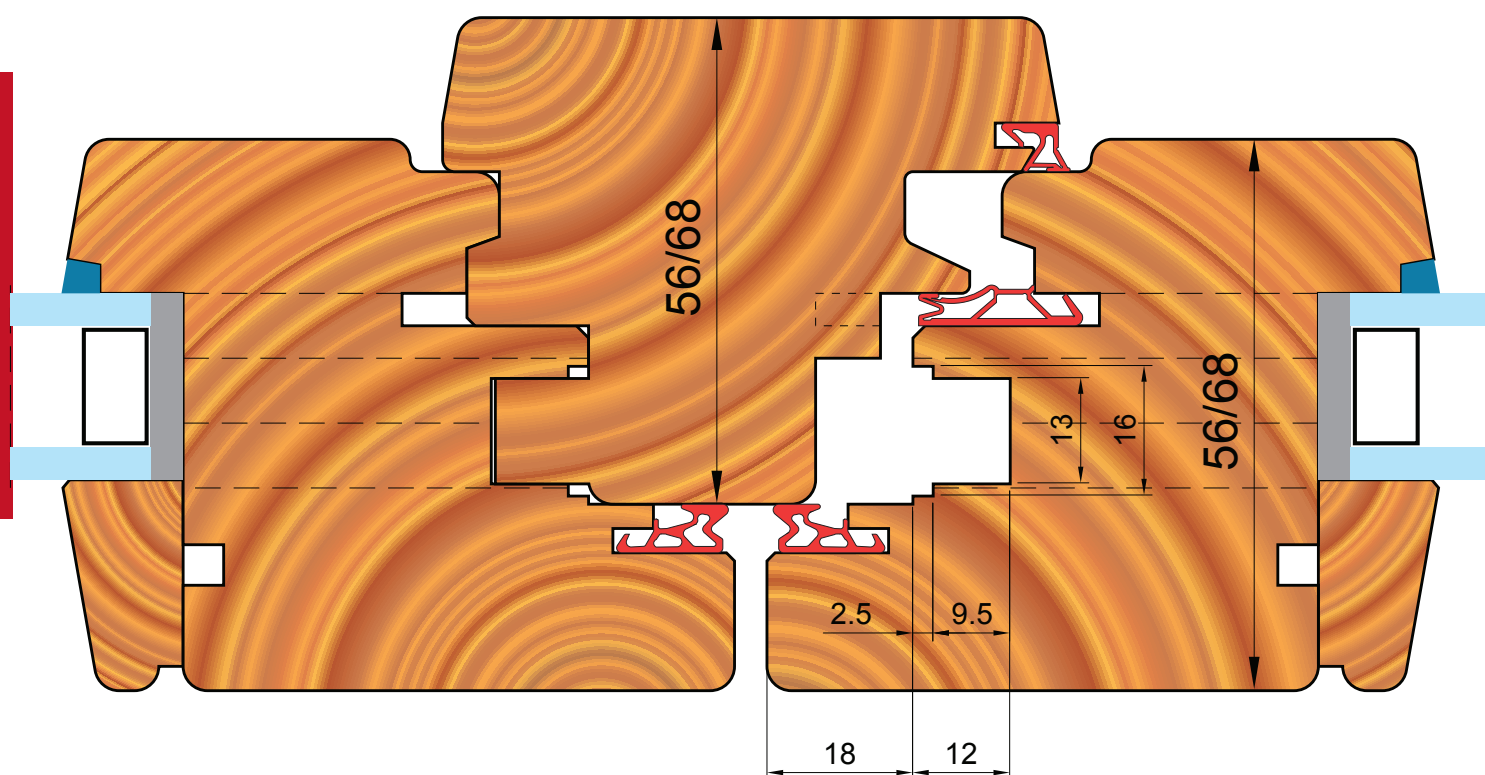
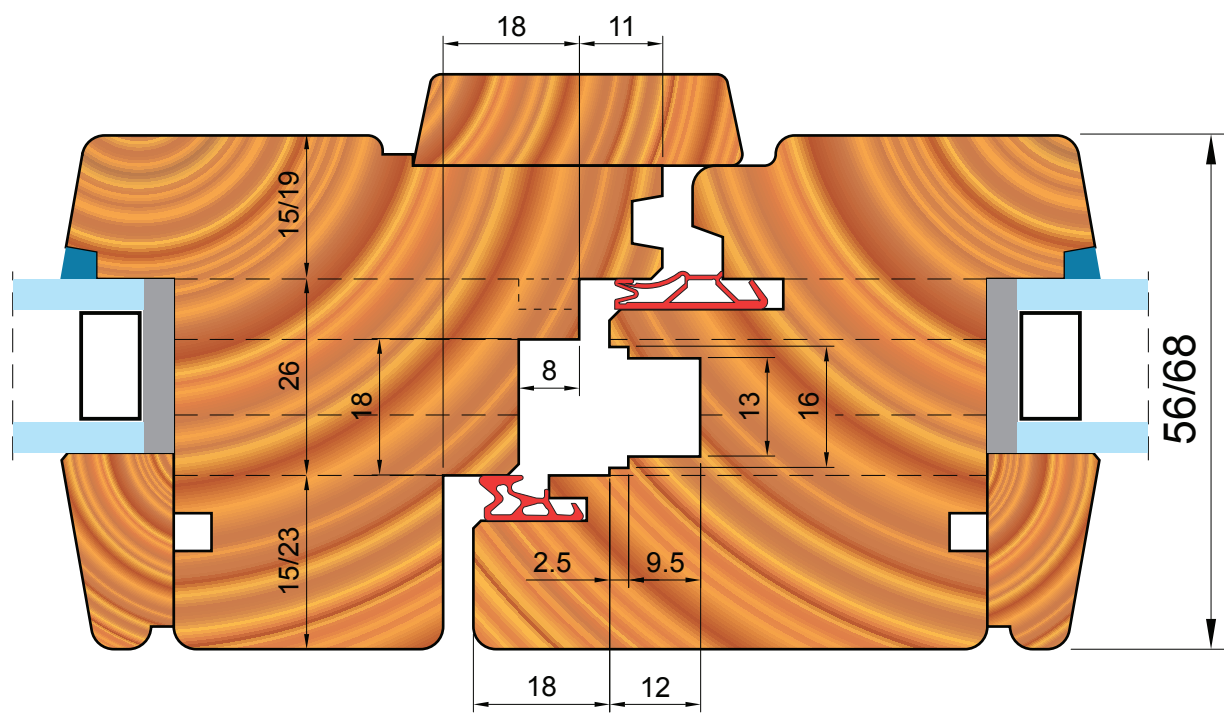
SEZIONE
VERTICALE
VERTICAL
SECTION



SERRAMENTO MODELLO PORTOGHESE

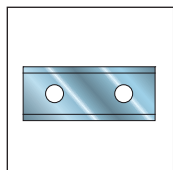
WINDOW PORTUGUESE MODEL

SEZIONE ORIZZONTALE CHIUSURA CENTRALE
HORIZONTAL SECTION CENTRAL CLOSURE



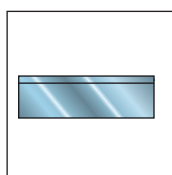
METALLO DURO
CARBIDE

SEZIONE U
SECTION U



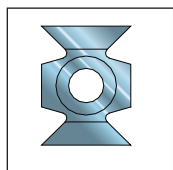
Coltelli standard spessore 1.5
Standard knives thickness 1.5

pag.376



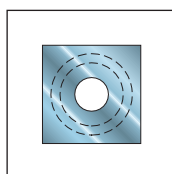
Coltelli pialla in acciaio HSS
Steel planing knives HSS

pag.378



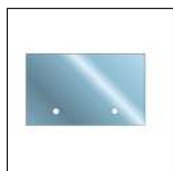
Inserti in HM integrale
HM insert

pag.379



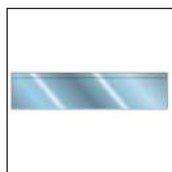
Rasanti in HM
Reversible HM knives

pag.380



Placchette da profilare
Blanks for profiling

pag.381



Barrette per frese saldobrasate
Bar for brazed tools

pag.382

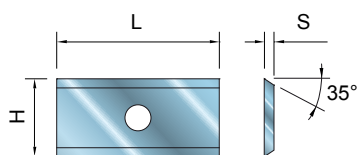


Quarti di raggio concavi per frese saldobrasate
Quarter radius concaves for brazed tools

pag.384

Coltelli reversibili

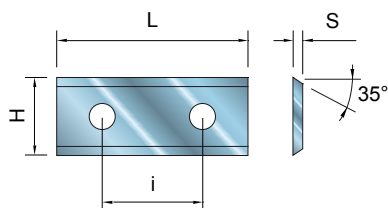
Standard knives



CODICE / CODE		L	H	S	Z
T04	T03	mm	mm	mm	
012L75	013L75	7.5	12	1.5	2 / 35°
012L96	013L96	9.6	12	1.5	2 / 35°
012L116	013L116	11.6	12	1.5	2 / 35°
012L15	013L15	15	12	1.5	2 / 35°
012L20	013L20	20	12	1.5	2 / 35°
012L251F	013L25	25	12	1.5	2 / 35°

T04 per legno / **T04 for wood**

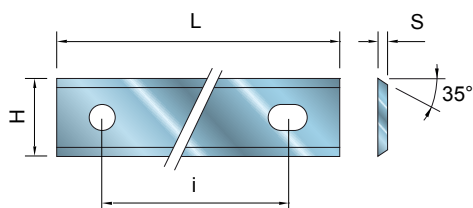
T03 per MDF / **T03 for MDF**



CODICE / CODE		L	H	S	i	Z
T04	T03	mm	mm	mm	mm	
012L252F	013L25	25	12	1.5	14	2 / 35°
012L30	013L30	30	12	1.5	14	2 / 35°
012L40	013L40	40	12	1.5	26	2 / 35°
012L50	013L50	50	12	1.5	26	2 / 35°
012L60	013L60	60	12	1.5	26	2 / 35°

T04 per legno / **T04 for wood**

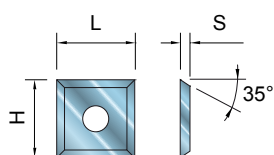
T03 per MDF / **T03 for MDF**



CODICE / CODE		L	H	S	i	Z
T04	T03	mm	mm	mm	mm	
012L80	013L80	80	13	2.2	60	2 / 35°
012L100	013L100	100	13	2.2	60	2 / 35°
012L120	013L120	120	13	2.2	60	2 / 35°

T04 per legno / **T04 for wood**

T03 per MDF / **T03 for MDF**



CODICE / CODE		L	H	S	Z
T04	T03	mm	mm	mm	
012L12	013L12	12	12	1.5	4 / 35°

T03 per legno / **T04 for wood**

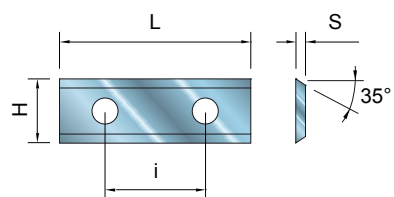
T04 per MDF / **T03 for MDF**

U

CENTERINOX

Coltelli reversibili

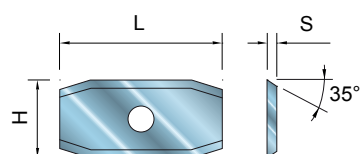
Standard knives



CODICE / CODE		L mm	H mm	S mm	i mm	Z
T04	T03					
019L30	029L30	30	9	1.5	14	2 / 35°
019L40	029L40	40	9	1.5	26	2 / 35°
019L50	029L50	50	9	1.5	26	2 / 35°

T04 per legno / *T04 for wood*

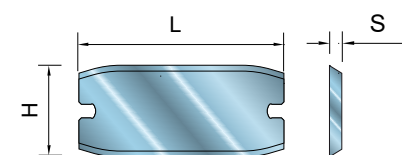
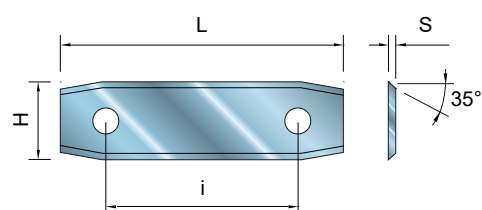
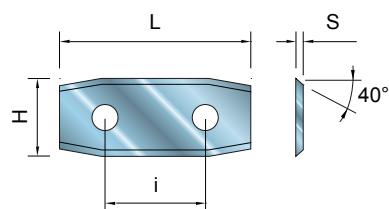
T03 per MDF / *T03 for MDF*



CODICE / CODE		L mm	H mm	S mm	i mm	Z
019L30		20	12	1.5		2 / 35°
019L40		30	9	1.5	26	2 / 40°
019L50		50	9	1.5	26	2 / 35°
CLT105DSB		30	14	2.5		

T04 per legno / *T04 for wood*

T03 per MDF / *T03 for MDF*

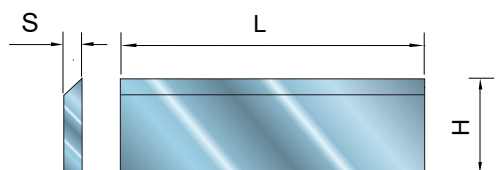


CLT105DSB



Coltelli pialla in acciaio HSS

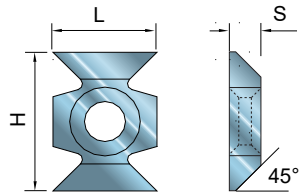
Steel planing knives HSS



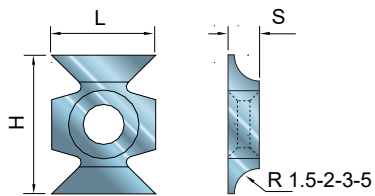
CODICE / CODE	L mm	H mm	S mm
CLT1000/60	60	30/35	3
CLT1000/80	80	30/35	3
CLT1000/100	100	30/35	3
CLT1000/120	120	30/35	3
CLT1000/130	130	30/35	3
CLT1000/140	140	30/35	3
CLT1000/150	150	30/35	3
CLT1000/160	160	30/35	3
CLT1000/180	180	30/35	3
CLT1000/190	190	30/35	3
CLT1000/200	200	30/35	3
CLT1000/220	220	30/35	3
CLT1000/230	230	30/35	3
CLT1000/250	250	30/35	3
CLT1000/300	300	30/35	3
CLT1000/350	350	30/35	3
CLT1000/400	400	30/35	3
CLT1000/410	410	30/35	3
CLT1000/500	500	30/35	3
CLT1000/510	510	30/35	3
CLT1000/520	520	30/35	3
CLT1000/530	530	30/35	3
CLT1000/600	600	30/35	3
CLT1000/610	610	30/35	3
CLT1000/650	650	30/35	3

Inserti in HM integrale

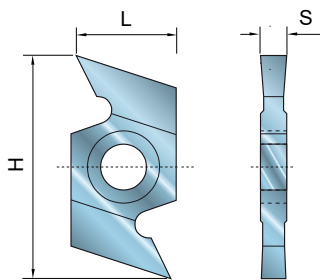
HM insert



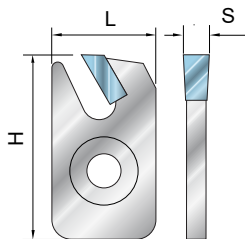
CODICE / CODE	L mm	H mm	S mm
SPG1	16	22	5



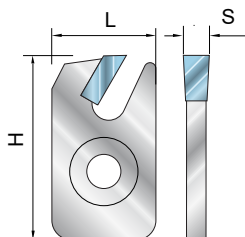
CODICE / CODE	L mm	H mm	S mm	R
RGT1	16	22	5	1.5
RGT2	16	22	5	2
RGT3	16	22	5	3
RGT4	16	22	5	4
RGT5	16	22	5	5



CODICE / CODE	L mm	H mm	S mm
INS3	16	40	3
INS4	16	40	4
INS5	16	40	5
INS6	16	40	6
INS7	16	40	7
INS8	16	29	3
INS9	16	29	4
INS10	16	29	5

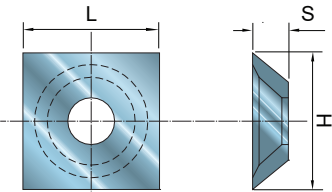
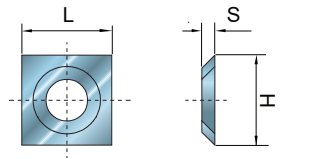


CODICE / CODE	L mm	H mm	S mm
INS8DX-SX	16	29	3
INS9DX-SX	16	29	4
INS10DX-SX	16	29	5

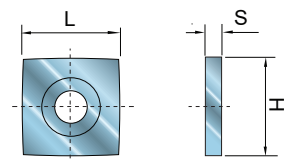


Rasanti in HM

Reversible HM knives

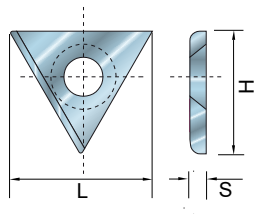


RSNSGR1

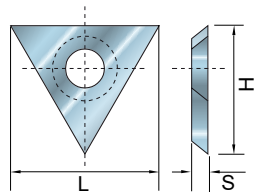


RSN150

CODICE / CODE	L mm	H mm	S mm
RSN1	14	14	1.2
RSN2	14	14	2
RSNSGR1	21	21	5.5
RSN150	15	15	2.5



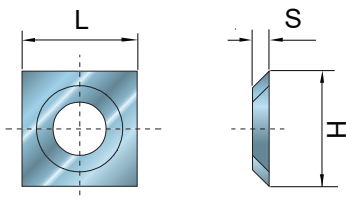
CODICE / CODE	L mm	H mm	S mm
RSN3	22	22	2.5



CODICE / CODE	L mm	H mm	S mm
RSN4	22.9	19.8	2.5

Coltelli per frese incastri in HM integrale a gettare

Reversible HM blades for grooves cutters



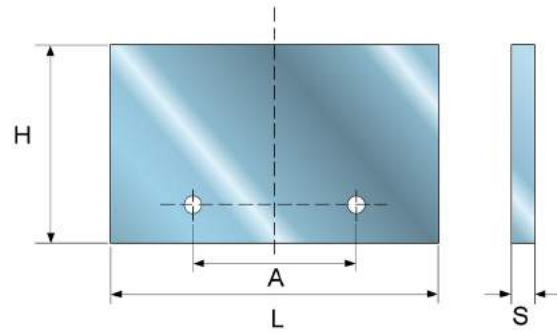
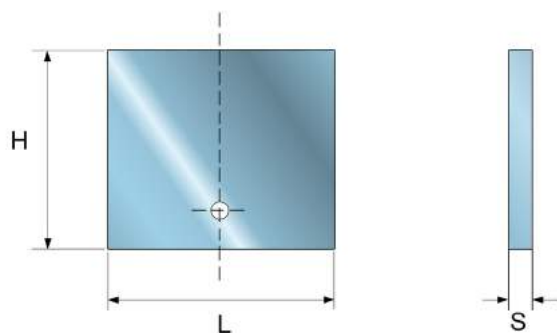
CODICE / CODE	L mm	H mm	S mm
CLT/FR1	18	18	1.90
CLT/FR2	18	18	2.90
CLT/FR3	18	18	4.00
CLT/FR4	18	18	5.00

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Placchette da profilare

Blanks for profiling



CODICE CODE	L mm	H mm	S mm
PB150200201B	15	20	2
PB150250201B	15	25	2
PB150300201B	15	30	2
PB200200201B	20	20	2
PB200250201B	20	25	2
PB200300201B	20	30	2
PB200350201B	20	35	2
PB200400201B	20	40	2
PB250200201B	25	20	2
PB250250201B	25	25	2
PB250300201B	25	30	2
PB250350201B	25	35	2
PB250400201B	25	40	2

CODICE CODE	L mm	H mm	S mm	A mm
PB3002002014	30	20	2	14
PB3002502014	30	25	2	14
PB3003002014	30	30	2	14
PB3003502014	30	35	2	14
PB3004002014	30	40	2	14
PB3502002014	35	20	2	14
PB3502502014	35	25	2	14
PB3503002014	35	30	2	14
PB3503502014	35	35	2	14
PB3504002014	35	40	2	14
PB4002002026	40	20	2	26
PB4002502026	40	25	2	26
PB4003002026	40	30	2	26
PB4003502026	40	35	2	26
PB4004002026	40	40	2	26
PB5002002026	50	20	2	26
PB5002502026	50	25	2	26
PB5003002026	50	30	2	26
PB5003502026	50	35	2	26
PB5004002026	50	40	2	26
PB6002002026	60	20	2	26
PB6002502026	60	25	2	26
PB6003002026	60	30	2	26
PB6003502026	60	35	2	26
PB6004002026	60	40	2	26
PB8002002026	80	20	2	26
PB8002502026	80	25	2	26
PB8003002026	80	30	2	26
PB8003502026	80	35	2	26
PB8004002026	80	40	2	26
PB10003002026	100	30	2	26
PB10003502026	100	35	2	26



Barrette per frese saldobrasate (1 smusso)

Bar for brazed tools (1 chamfer)



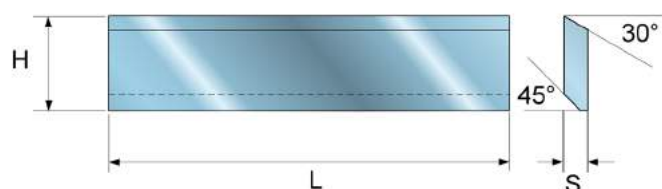
CODICE CODE	L mm	H mm	S mm
BB120030330	330	12	3
BB140030330	330	14	3
BB160030330	330	16	3
BB180030330	330	18	3
BB200030330	330	20	3
BB220030330	330	22	3
BB240030330	330	24	3
BB260030330	330	26	3
BB280030330	330	28	3
BB300030330	330	30	3
BB320030330	330	32	3
BB350030330	330	35	3
BB400030330	330	40	3
BB120040330	330	12	4
BB140040330	330	14	4
BB160040330	330	16	4
BB180040330	330	18	4
BB200040330	330	20	4
BB220040330	330	22	4
BB240040330	330	24	4
BB260040330	330	26	4
BB280040330	330	28	4
BB300040330	330	30	4
BB320040330	330	32	4
BB350040330	330	35	4
BB400040330	330	40	4
BB120050330	330	12	5
BB140050330	330	14	5
BB160050330	330	16	5
BB180050330	330	18	5
BB200050330	330	20	5
BB220050330	330	22	5
BB240050330	330	24	5
BB260050330	330	26	5
BB280050330	330	28	5
BB300050330	330	30	5
BB320050330	330	32	5
BB350050330	330	35	5
BB400050330	330	40	5

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Barrette per frese saldobrasate (2 smussi)

Bar for brazed tools (2 chamfers)

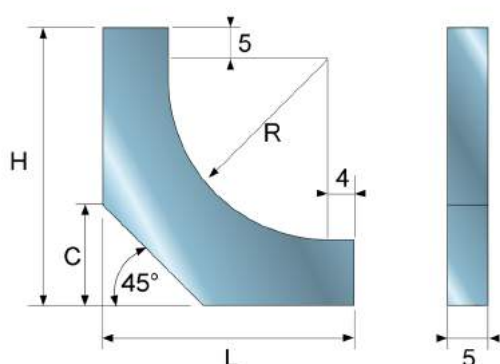


CODICE CODE	L mm	H mm	S mm
BZ120030330	330	12	3
BZ140030330	330	14	3
BZ160030330	330	16	3
BZ180030330	330	18	3
BZ200030330	330	20	3
BZ220030330	330	22	3
BZ240030330	330	24	3
BZ260030330	330	26	3
BZ280030330	330	28	3
BZ300030330	330	30	3
BZ320030330	330	32	3
BZ340030330	330	34	3
BZ360030330	330	36	3
BZ380030330	330	38	3
BZ400030330	330	40	3
BZ120040330	330	12	4
BZ140040330	330	14	4
BZ160040330	330	16	4
BZ180040330	330	18	4
BZ200040330	330	20	4
BZ220040330	330	22	4
BZ240040330	330	24	4
BZ260040330	330	26	4
BZ280040330	330	28	4
BZ300040330	330	30	4
BZ320040330	330	32	4
BZ340040330	330	34	4
BZ360040330	330	36	4
BZ380040330	330	38	4
BZ400040330	330	40	4
BZ120050330	330	12	5
BZ140050330	330	14	5
BZ160050330	330	16	5
BZ180050330	330	18	5
BZ200050330	330	20	5
BZ220050330	330	22	5
BZ240050330	330	24	5
BZ260050330	330	26	5
BZ280050330	330	28	5
BZ300050330	330	30	5
BZ320050330	330	32	5
BZ340050330	330	34	5
BZ360050330	330	36	5
BZ380050330	330	38	5
BZ400050330	330	40	5



Quarti di raggio concavi per frese saldobrasate

Quarter radius concaves for brased tools

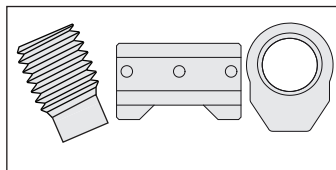


CODICE CODE	L mm	H mm	R mm	C mm
RQ0502101905	19	21	5	6
RQ0752352155	21.5	23.5	7.5	7
RQ1002702405	24	27	10	8
RQ1252952655	26.5	29.5	12.5	10
RQ1503202905	29	32	15	11
RQ1753553155	31.5	35.5	17.5	13
RQ2003803405	34	38	20	14
RQ2254053655	36.5	40.5	22.5	16
RQ2504303905	39	43	25	17
RQ2754554155	41.5	45.5	27.5	19
RQ3004904605	46	49	30	22
RQ3255154855	48.5	51.5	32.5	24
RQ3505405105	51	54	35	24
RQ3755655355	53.5	56.5	37.5	26
RQ4005905605	56	59	40	28
RQ4506436135	36.1	64	45	30
RQ5006936635	36.6	69	50	30



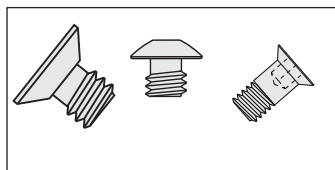
ACCESSORI & RICAMBI
ACCESSORIES and SPARE PARTS

SEZIONE V
SECTION V



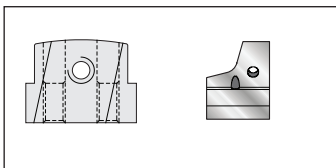
Grani, ogive e lardoni
Spare screws, nuts and wedge

pag.388



Viti per inserti, punte e utensili vari
Screw for inserts, bits and tools

pag.389



Supporti mobili per utensili vari
Mobile support for tools

pag.390



Chiavi per utensili vari
Key for tools

pag.391



Pinze - DIN6499
Collet - DIN6499

pag.392



Mandrini
Holders

pag.393



Tiranti di aggancio per coni
Standard pull stud

pag.407



Smontaconi universale
Collet and ring

pag.408



Sistema di bloccaggio poligonale
Polygonal clamping system

pag.409



Canotti
Holders

pag.410



Ghiere e spessori
Rings and spacers

pag.414



Lavatrice ad ultrasuoni
Ultrasonic cleaning

pag.418



Ingrassatore a pompa ad alta pressione
Grease high pressure pump

pag.419

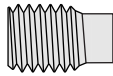


Vortice
Vortex

pag.420

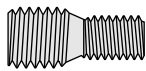
Grani, ogive e lardoni

Spare screws, nuts and wedge



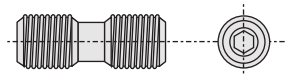
Grano / SCREW

CODICE CODE	DIMENSIONI (mm) DIMENSION (mm)
GRN1	M5X10
GRN2	M8X16
GRN3	M8X12
GRN4	M8X14
GRN5	M6X12
GRN6	M8X20
GRN7	M10X20



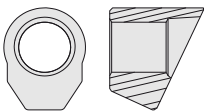
Grano / Screw

CODICE CODE	DIMENSIONI (mm) DIMENSION (mm)
GRN1DX-SX	M8SX - M6DX X19
GRN2DX-SX	M6SX - M6DX X19



Grano / Screw

CODICE CODE	DIMENSIONI (mm) DIMENSION (mm)
GRN4DX-SX	M8SX - M8DX X22



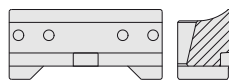
Ogiva / Nuts

CODICE CODE	DIMENSIONI (mm) DIMENSION (mm)
OGV1SB	M8



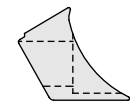
Lardone / Wedge

CODICE CODE	DIMENSIONI (L mm) DIMENSION (L mm)
T14	14
T19	19



Lardone / Wedge

CODICE CODE	DIMENSIONI (L mm) DIMENSION (L mm)
T24	24
T29	29
T34	34
T39	39
T49	49
T59	59
T79	79



Lardone / Wedge

CODICE CODE	SPESSORE (mm)
LR.1	7.3
LR.2	10.8

V

CENTERINOX



Viti per inserti, punte e utensili vari

Screw for inserts, bits and tools



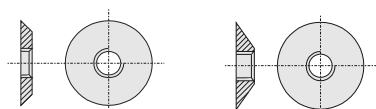
Vite / Screw

CODICE CODE	DIMENSIONI (mm) DIMENSION (mm)
VRS1	M4X12
VRS6	M5X7
VINS2	M5X8
VINS3	M5X10
VINS4	M5X12
VINS5	M5X16



Vite / Screw

CODICE CODE	DIMENSIONI (mm) DIMENSION (mm)
VRS8	M4X1.9
VRS9	M4X5
VRS10	M4X3



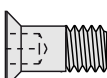
Controvite / Wedge

CODICE CODE	DIMENSIONI (mm) DIMENSION (mm)
GHR1	11.5X2.5
GHR2	11.5X1.8
GHR3	9.5X1.8



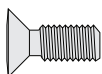
Viti Torx / Torx screw

CODICE CODE	DIMENSIONI (mm) DIMENSION (mm)
VRTX1	M4X6
VRTX2	M3.5X6
VRTX3	M3.5X5



TOR1346

CODICE CODE	DIMENSIONI (mm) DIMENSION (mm)
TOR1346	M6X14
VT014	M7X16
VT051	M5X12.5



VT014



VT051

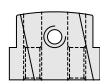


Supporti mobili per utensili vari

Mobile support for tools



SX

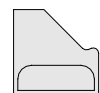


DX

CODICE / CODE	L mm	H mm	S mm
CARRDX	25	19	12
CARRSX	25	19	12



SX

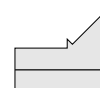


DX

CODICE / CODE	L mm	H mm	S mm
CARR1DX	20	20	12
CARR1SX	20	20	12

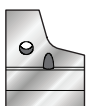


SX

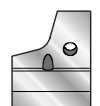


DX

CODICE / CODE	L mm	H mm	S mm
CARR5DX	24	20	20
CARR5SX	24	20	20



SX



DX

CODICE / CODE	L mm	H mm	S mm
CARR4-A	24	20	30
CARR4-B	24	20	30

V

CENTERINOX



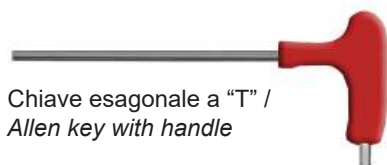
Chiavi per utensili vari

Key for tools



Chiave Torx /
Torx key with handle

CODICE CODE	DIMENSIONI (mm) DIMENSION (mm)
CHT1	T15
CHT2	T20
CHT16	T30



Chiave esagonale a "T" /
Allen key with handle

CODICE CODE	DIMENSIONI (mm) DIMENSION (mm)
CHT3	2.5
CHT4	3
CHT5	4
CHT6	5
CHT20	8



Chiave a settore CHT17/ Wrench CHT17



Chiave a settore CHT7/ Wrench CHT7



Chiave a settore CHT8/ Wrench CHT8

CODICE CODE	DIMENSIONI (mm) DIMENSION (mm)
CHT17	61/121
CHT7	70/80
CHT8	40/42



Chiave per ghiera e canotti/
Wrench for washer holder

CODICE CODE	DIMENSIONI (mm) DIMENSION (mm)
CHT9	65



Chiave a "L" esagonale/
Allen key

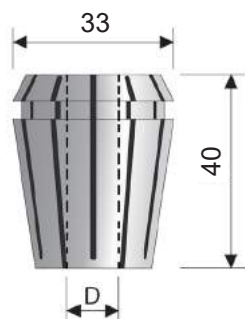
CODICE CODE	DIMENSIONI (mm) DIMENSION (mm)
CHT10	2
CHT11	2.5
CHT12	3
CHT13	4
CHT14	5
CHT21	8



Chiave a settore / Wrench

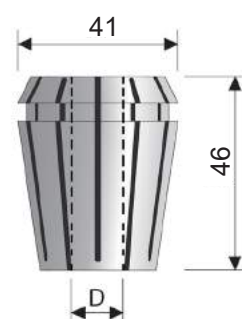
CODICE CODE	DIMENSIONI (mm) DIMENSION (mm)
CHT18	Chiave per ghiera ER32 standard / wrench for ER32
CHT19	Chiave per ghiera ER40 standard / wrench for ER40





TIPO ER-32

CODE	D mm
MPP010.001	2 - 1
MPP010.002	3 - 2
MPP010.003	3,2 - (1/8")
MPP010.004	4 - 3
MPP010.005	4,8 - (3/16")
MPP010.006	5 - 4
MPP010.007	6 - 5
MPP010.008	6,4 - (1/4")
MPP010.009	7 - 6
MPP010.010	7,9 - (5/16")
MPP010.011	8 - 7
MPP010.012	9 - 8
MPP010.013	9,5 - (3/8")
MPP010.014	10 - 9
MPP010.015	11 - 10
MPP010.016	12 - 11
MPP010.017	12,7 - (1/2")
MPP010.018	13 - 12
MPP010.019	14 - 13
MPP010.020	15 - 14
MPP010.021	15,9 - (5/8")
MPP010.022	16 - 15
MPP010.023	17 - 16
MPP010.024	18 - 17
MPP010.025	19 - 18
MPP010.026	19,1 - (3/4")
MPP010.027	20 - 19



TIPO ER-40

CODE	D mm
MPP010.028	3 - 2
MPP010.029	4 - 3
MPP010.030	4,8 - (3/16")
MPP010.031	5 - 4
MPP010.032	6 - 5
MPP010.033	6,4 - (1/4")
MPP010.034	7 - 6
MPP010.035	7,9 - (5/16")
MPP010.036	8 - 7
MPP010.037	9 - 8
MPP010.038	9,5 - (3/8")
MPP010.039	10 - 9
MPP010.040	11 - 10
MPP010.041	12 - 11
MPP010.042	12,7 - (1/2")
MPP010.043	13 - 12
MPP010.044	14 - 13
MPP010.045	15 - 14
MPP010.046	15,9 - (5/8")
MPP010.047	16 - 15
MPP010.048	17 - 16
MPP010.049	18 - 17
MPP010.050	19 - 18
MPP010.051	19,1 - (3/4")
MPP010.052	20 - 19
MPP010.053	21 - 20
MPP010.054	22 - 21
MPP010.055	23 - 22
MPP010.056	24 - 23
MPP010.057	25 - 24
MPP010.058	25,4 - (1")
MPP010.059	26 - 25
MPP010.060	30 - 29

MPP015

Mandrini HSK-63F per pinze ER-32/40

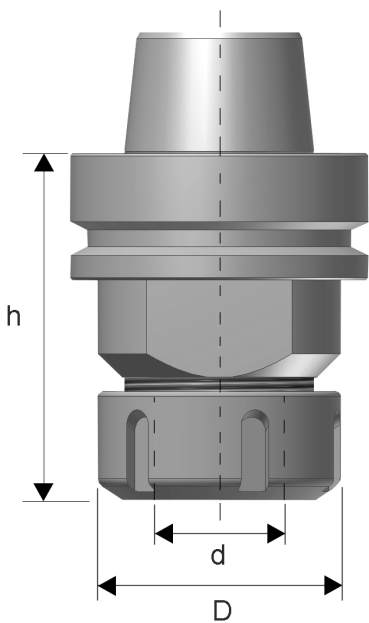
Collet chuck holders HSK-63F for collect ER-32/40



TIPI DI MACCHINARI		BIESSE-EIMA-HOMAG-SCM- IMA(da9/94<)-WEEKE-DUBUS-BUSELLATO			
CODE		h mm	D mm	d mm	GHIERA
RIGHT Rot.	LEFT Rot.				
MPP015.001R	MPP015.001L	73	50	3 - 20	ER-32
MPP015.002R	MPP015.002L	80	63	4 - 30	ER-40

La pinza non è compresa nel mandrino

Collect not included



Ricambi / Parts

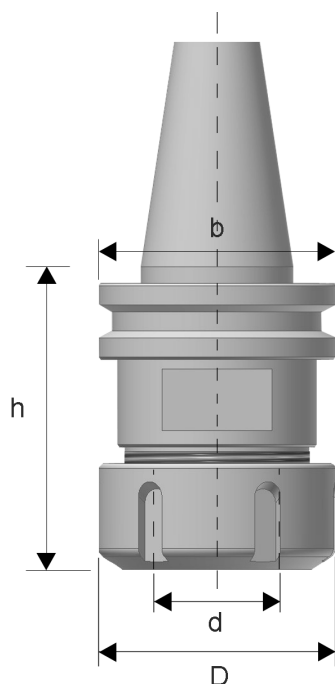
ghiera	GHI1	DX	pinza	vedi pag.324	chiave	CHT18	ER32
	GHI2	SX				CHT19	ER40
nut			collect		key		



MPP020

Mandrini ISO-30 per pinze ER-32/40

Collet chuck holders ISO-30 for collect ER-32/40



MONTAGGIO SU MACCHINA: BIESSE - COSMEC - MASTERWOOD

CODE		h mm	D mm	d mm	b mm	GHIERA
RIGHT Rot.	LEFT Rot.					
MPP020.001R	MPP020.001L	50	50	3 - 20	50	ER-32
MPP020.002R	MPP020.002L	57	63	4 - 30	50	ER-40

MONTAGGIO SU MACCHINA: BIESSE - SCM - MORBIDELLI - EIMA-DUBUS - WEEKE

CODE		h mm	D mm	d mm	b mm	GHIERA
RIGHT Rot.	LEFT Rot.					
MPP020.003R	MPP020.003L	68	50	3 - 20	50	ER-32
MPP020.004R	MPP020.004L	68	63	4 - 30	50	ER-40

MONTAGGIO SU MACCHINA: CMS

CODE		h mm	D mm	d mm	b mm	GHIERA
RIGHT Rot.	LEFT Rot.					
MPP020.005R	MPP020.005L	60	50	3 - 20	46	ER-32
MPP020.006R	MPP020.006L	65	63	4 - 30	46	ER-40

La pinza ed il tirante non sono compresi nel mandrino.

Collect and pull stud not included.

V

Ricambi / Parts

ghiera nut	GH1	DX	pinza collect	vedi pag.324	chiave key	CHT18	ER32	tirante pull stud	vedi pag.334
	GH12	SX				CHT19	ER40		
									

MPP025

Mandrini ISO-30 per pinze ER-32 con flangia dentata

Collet chuck holders ISO-30 for collect ER-32 whit serrated flange



MONTAGGIO SU MACCHINA: **SCM - MORBIDELLI**

CODE		h mm	D mm	d mm	b mm	GHIERA
RIGHT RoT.	LEFT RoT.					
MPP025.001R	MPP025.001L	55	50	3 - 20	50	ER-32
MPP025.002R	MPP025.002L	74	63	4 - 30	50	ER-40

La pinza ed il tirante non sono compresi nel mandrino

Collect and pull stud not included



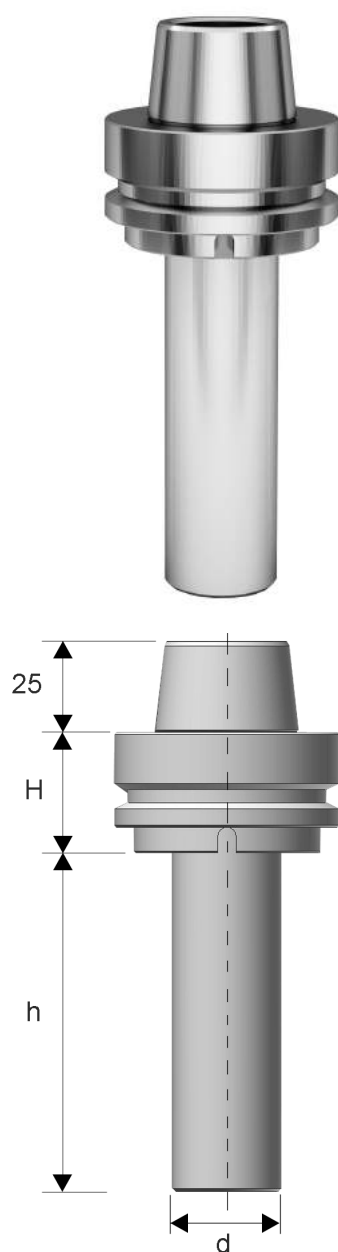
Ricambi / Parts

ghiera nut	GHI1	DX	pinza collect	vedi pag.324 	chiave key	CHT18	ER32	tirante pull stud	vedi pag.334 
	GHI2	SX				CHT19	ER40		

MPP030

Mandrini HSK-63F alberato

Toolholders HSK-63F



MONTAGGIO SU MACCHINA: BIESSE - DUBUS - WEEKE - HOMAG-BUSELLATO - EIMA - IMA (da 9/94)

CODE	h mm	H mm	d mm
MPP030.001	70	42	20
MPP030.002	70	42	30
MPP030.003	80	42	30
MPP030.004	100	42	30
MPP030.005	150	42	30
MPP030.006	70	42	35
MPP030.007	80	42	35
MPP030.008	100	42	35
MPP030.009	150	42	35
MPP030.010	70	42	40
MPP030.011	80	42	40
MPP030.012	100	42	40
MPP030.013	150	42	40

MONTAGGIO SU MACCHINA: SCM - MORBIDELLI

CODE	h mm	H mm	d mm
MPP030.014	70	33	20
MPP030.015	70	33	30
MPP030.016	80	33	30
MPP030.017	100	33	30
MPP030.018	150	33	30
MPP030.019	70	33	35
MPP030.020	80	33	35
MPP030.021	100	33	35
MPP030.022	150	33	35
MPP030.023	70	33	40
MPP030.024	80	33	40
MPP030.025	100	33	40
MPP030.026	150	33	40



Completo di viti e flangia prolungata

Screw and reduced flanged cap incuded



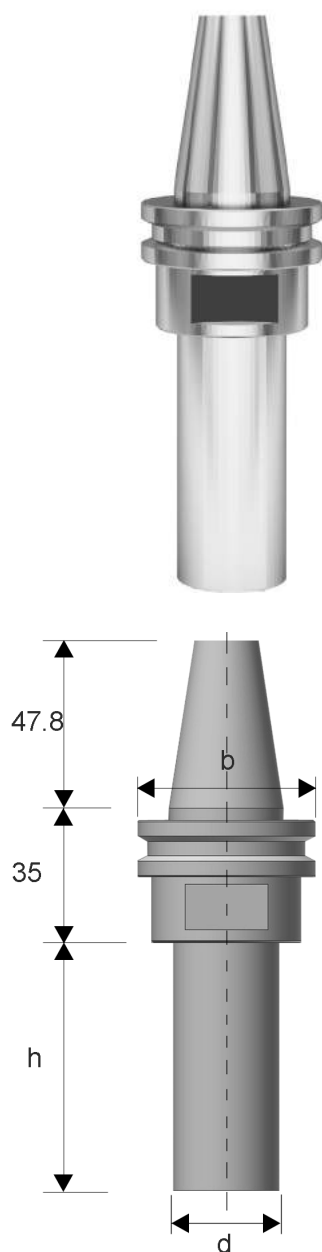
Ricambi / Parts

flangia prolungata <i>expanded flanged cap</i>	TAMP	flangia femmina <i>reduced flanged cap</i>	TAPF	vite per flangia <i>screw for flange</i>	ESM6X20

MPP035

Mandrini portafrese ISO-30

Tools'holders ISO-30



Completo di viti e flangia prolungata

Screw and reduced flanged cap incuded

MONTAGGIO SU MACCHINA: BIESSE-COSMEC-HOMAG-MAKA-BULLERI-ALBERTI-BUSELLATO-MASTERWOOD-REICHENBACHER

CODE	h mm	b mm	d mm
MPP035.001	70	50	20
MPP035.002	70	50	30
MPP035.003	80	50	30
MPP035.004	100	50	30
MPP035.005	150	50	30
MPP035.006	70	50	35
MPP035.007	80	50	35
MPP035.008	100	50	35
MPP035.009	150	50	35

MONTAGGIO SU MACCHINA: CMS

CODE	h mm	b mm	d mm
MPP035.010	70	46	20
MPP035.011	70	46	30
MPP035.012	80	46	30
MPP035.013	100	46	30
MPP035.014	150	46	30
MPP035.015	70	46	35
MPP035.016	80	46	35
MPP035.017	100	46	35
MPP035.018	150	46	35

MONTAGGIO SU MACCHINA: ESSETEAM - UNITEAM - TEKTEAM

CODE	h mm	b mm	d mm
MPP035.019	70	33	20
MPP035.020	70	33	30
MPP035.021	80	33	30
MPP035.022	100	33	30
MPP035.023	150	33	30
MPP035.024	70	33	35
MPP035.025	80	33	35
MPP035.026	100	33	35
MPP035.027	150	33	35

Ricambi / Parts

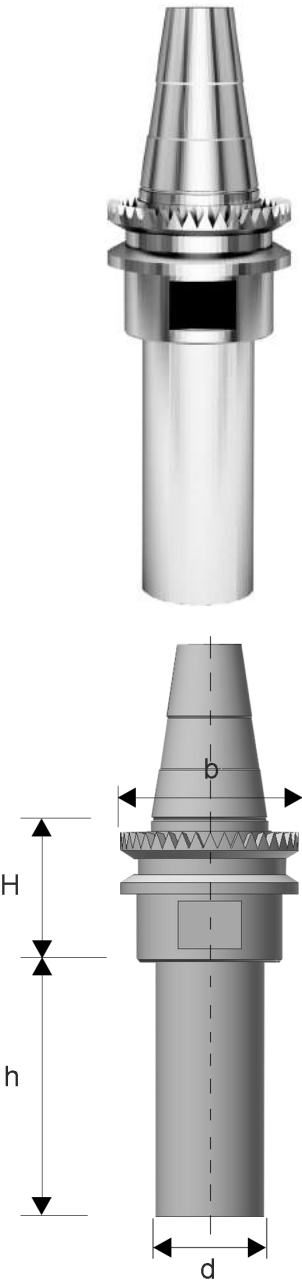
flangia prolungata <i>expanded flanged cap</i>	TAPM	flangia femmina <i>reduced flanged cap</i>	TAPF	vite per flangia <i>screw for flange</i>	ESM6X20	tirante <i>pull stud</i>	vedi pag.334



MPP040

Mandrini ISO30 con flangia dentata

Collet chuck holders ISO-30 whit serrated flange



MONATGGIO SU MACCHINA: MORBIDELLI - SCM				
CODE	h mm	H mm	b mm	d mm
MPP040.001	70	39	49	30
MPP040.002	100	39	49	30

Completo di viti e flangia prolungata
Screw and expanded flanged cap included



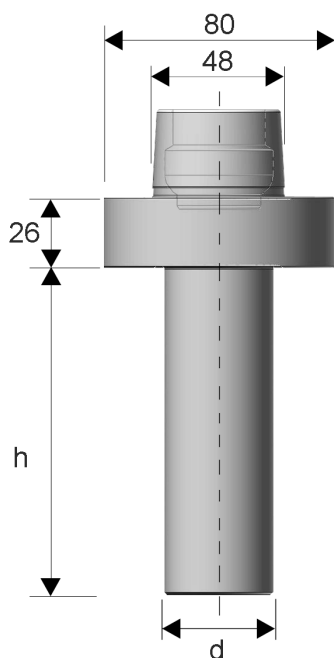
Ricambi / Parts

flangia prolungata <i>expanded flanged cap</i>	TAPM 	flangia femmina <i>reduced flanged cap</i>	TAPF 	vite per flangia <i>screw for flange</i>	ESM6X20 	tirante <i>pull stud</i>	vedi pag. 334 
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MPP045

Portautensili tipo HSK tipo “Weinig”

HSK tools holder “Weining” type



ALBERO PORTAFRESA

CODE	h mm	d mm
MPP045.001	93	30
MPP045.002	103	30
MPP045.003	123	30
MPP045.004	203	30
MPP045.005	80	1" 1/4
MPP045.006	150	1" 1/4
MPP045.007	200	2"
MPP045.008	93	35
MPP045.009	103	35
MPP045.010	123	35
MPP045.011	203	35
MPP045.012	93	40
MPP045.013	103	40
MPP045.014	123	40
MPP045.015	203	40
MPP045.016	93	50
MPP045.017	103	50
MPP045.018	123	50
MPP045.019	203	50

Completo di viti e flangia femmina

Screw and reduced flanged cap included

Ricambi / Parts

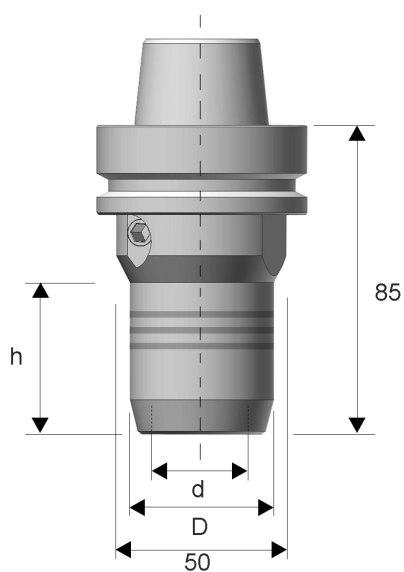
flangia prolungata <i>expanded flanged cap</i>	TAPM 	flangia femmina <i>reduced flanged cap</i>	TAPF 	vite per flangia <i>screw for flange</i>	ESM6X20
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MPP070

Mandrini HSK-63F Hydro

Hydro clamping tools'holders HSK-63F



CODE	h mm	d mm	D mm
MPP070.001	50	20	42
MPP070.002	52	25	50

Agendo sulla vite si manda in pressione il liquido presente nella camera riducendo così il diametro del foro del mandrino. Questo provoca un serraggio uniforme dell'utensile.

Working on the screw we add pressure to the liquid part into the toolholder that clamp uniformly the tool's shank.



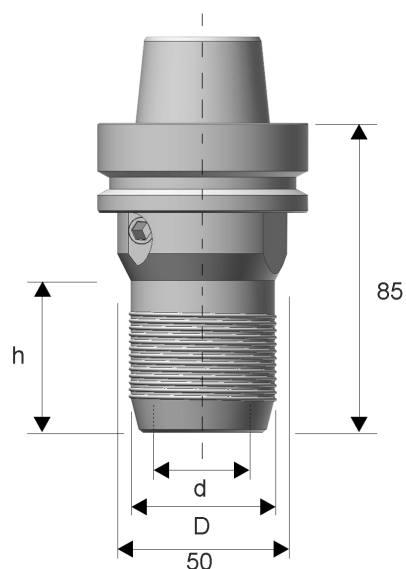
V

CENTERINOX

MPP075

Mandrini HSK-63F Hydro filettati

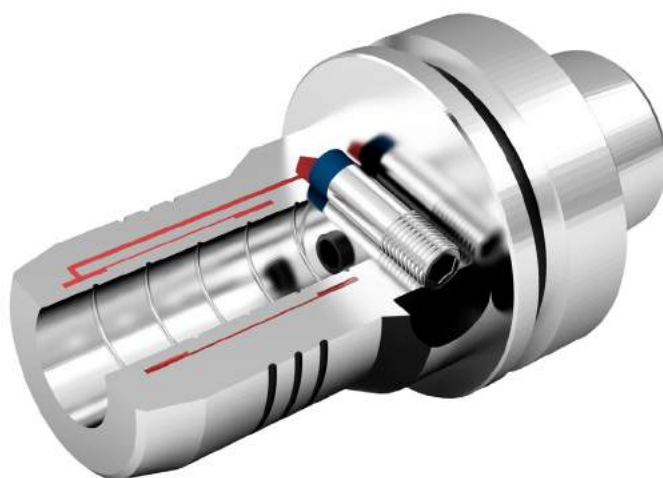
Hydro clamping tools'holders HSK-63F threaded



CODE	h mm	d mm	D mm
MPP075.001	50	20	42
MPP075.002	52	25	50

Agendo sulla vite si manda in pressione il liquido presente nella camera riducendo così il diametro del foro del mandrino. Questo provoca un serraggio uniforme dell'utensile.

Working on the screw we add pressure to the liquid part into the toolholder that clamp uniformly the tool's shank.



Utilizzato per il montaggio del
Vortice VRT015
vedi pag 352

*Use for Vortex VRT015
see page 352*



MPP080

Mandrini a serraggio poligonale HSK-63F

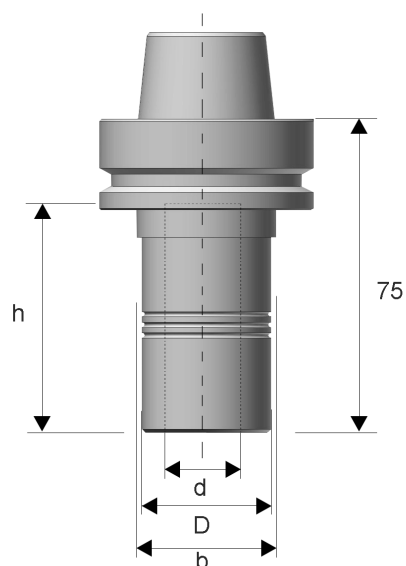
Polygonal clamping tools'holders HSK-63F



CODE	h mm	d mm	D mm	b mm
MPP080.001	48.5	12	19	21
MPP080.002	49	16	25	27
MPP080.003	53	20	30	32
MPP080.004	55	25	35	37

Offriamo servizio di apertura e serraggio del mandrino per affilatura o sostituzione dell'utensile.

Our company offers toolholder's opening and closing service to substitute or resharpen the tool.

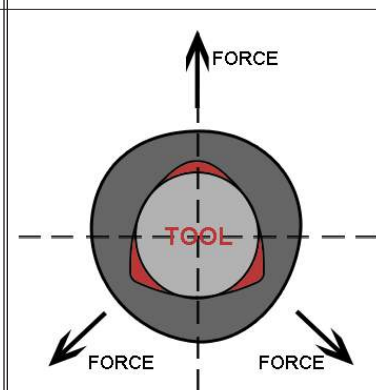
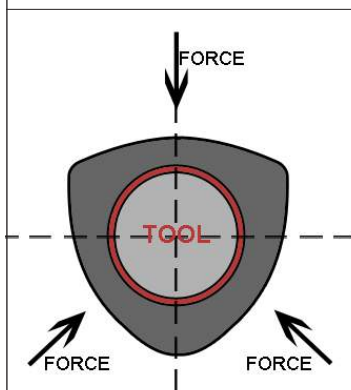


Sotto pressione, la sede poligonale diviene tonda, permettendo l'inserimento o l'estrazione dell'utensile.

Under pressure the polygonal part became rounded in the order to insert or take out tool.

Tolta la pressione, la sede ritorna poligonale, bloccando l'utensile in tre punti.

Without pressure the inside part return polygonal in the order to stop the tool on 3 point.



V

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MPP085

Mandrini a serraggio poligonale ISO30

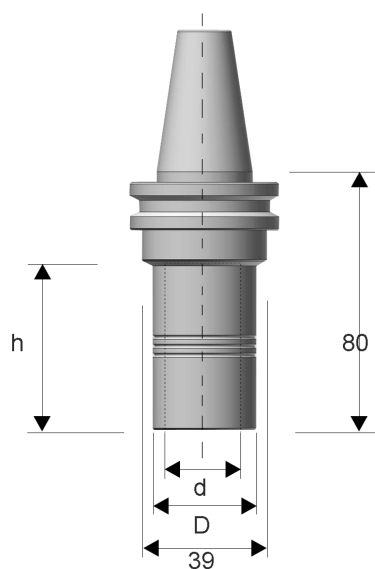
Polygonal clamping tools'holders ISO30



CODE	h mm	d mm	D mm
MPP085.001	47	12	19
MPP085.002	48	16	25
MPP085.003	52	20	30
MPP085.004	55	25	35

Offriamo servizio di apertura e serraggio del mandrino per affilatura o sostituzione dell'utensile.

Our company offers toolholder's opening and closing service to substitute or resharpen the tool.

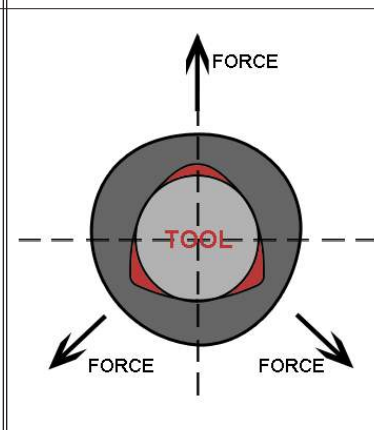
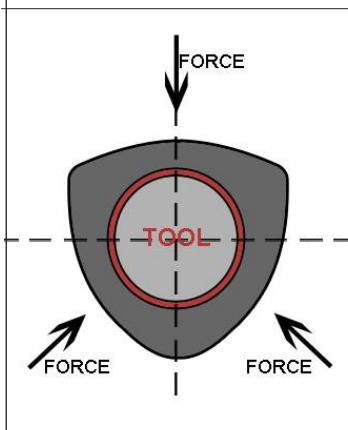


Sotto pressione, la sede poligonale diviene tonda, permettendo l'inserimento o l'estrazione dell'utensile.

Under pressure the polygonal part became rounded in the order to insert or take out tool.

Tolta la pressione, la sede ritorna poligonale, bloccando l'utensile in tre punti.

Without pressure the inside part return polygonal in the order to stop the tool on 3 point.



MPP050

Adattatori HSK63F per lame circolari

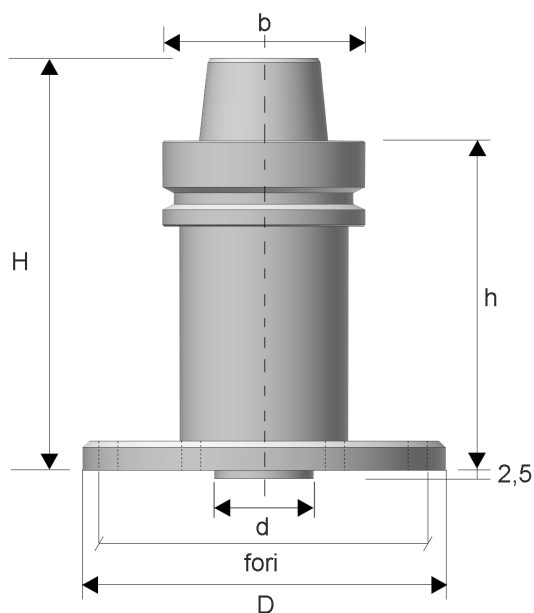
HSK63F holder for sawblades



CODE	h mm	H mm	b mm	d mm	D mm	FORI
MPP050.001	40	65	63	30	110	n°6 a ø 90
MPP050.002	100	125	63	30	110	n°6 a ø 90
MONTAGGIO SU MACCHINA COSMEC						
MPP050.003	60	85	63	30	110	n°8 a ø 90

- Viene fornito di n° 6viti M6 per il fissaggio della lama
- Si consiglia l'utilizzo con lame circolari di diametro compreso tra 200mm e 300mm

- Equipped with n°6 screw M6
- To use with saw blade between 200mm/300mm diameter



Esempio di montaggio
Cono HSK63F con lama inserita

Mounting example
Cone HSK63F with sawblades inserted

Vite M6 con testa svasata per
serraggio lama



V

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MPP055

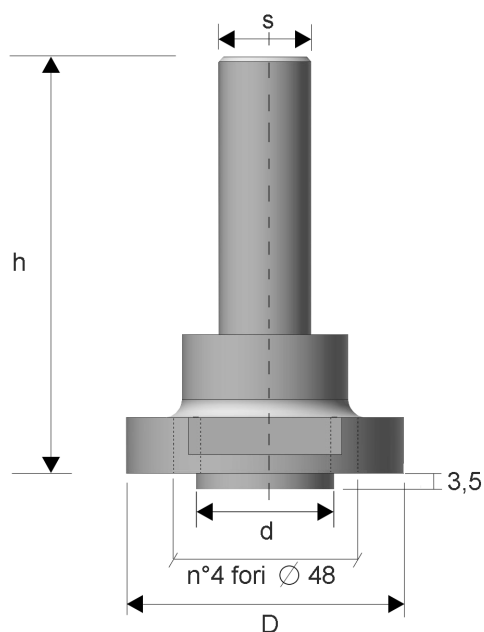
Adattatori per lame circolari

Holder for sawblades



CODE	h mm	S	d mm	D mm
MPP050.001	60	diam.20X60	30	60

- Viene fornito di n° 4viti M6 per il fissaggio della lama e vite di sicurezza
- Si consiglia l'utilizzo con lame circolari di diametro compreso tra 150mm e 200mm
- Equipped with n°4 screw M6
- To use with saw blade between 150mm/200mm diameter



Esempio di montaggio con lama inserita

Mounting example with sawblades inserted

Vite M6 con testa svasata per serraggio lama



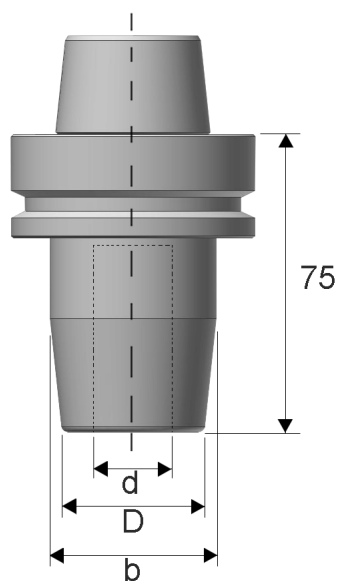
MPP090

Mandrino HSK63F a calettamento termico

Tool holder HSK63F thermo grip fit



CODE	d mm	D mm	b mm
MPP090.001	12	28	34
MPP090.002	16	28	34
MPP090.003	20	36	42
MPP090.004	25	36	42

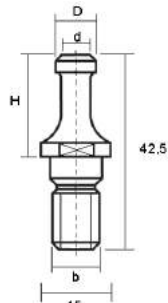
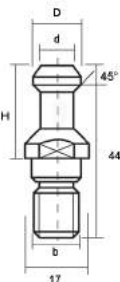
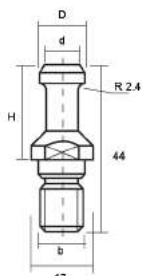
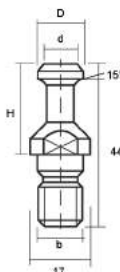


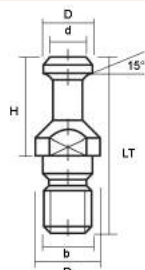
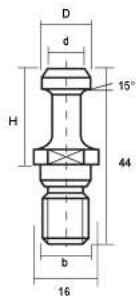
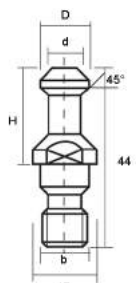
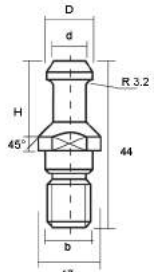
V

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Standard pull stud

MONTAGGIO SU MACCHINA MORBIDELLI E SCM PORTAUTENSILI CON FLANGIA DENTATA					
CODE	H	D	d	b	TIPO
MPP060.001	22	8.5	6.5	M10	ISO30
					
MONTAGGIO SU MACCHINA : ALBERTI - VITAP - MASTERWOOD (motori G. Colombo)					
CODE	H	D	d	b	TIPO
MPP060.002	24	12.8	9	M12	ISO30
					
MONTAGGIO SU MACCHINE CMS PORTAUTENSILI CON FLANGIA DIAMETRO 46					
CODE	H	D	d	b	TIPO
MPP060.003	24	12.8	9	M12	ISO30
					
MONTAGGIO SU MACCHINE BIESSE (fino al 9/9/92)					
CODE	H	D	d	b	TIPO
MPP060.004	24	12.8	9	M12	ISO30
					

MONTAGGIO SU MACCHINA: BUSELLATO - WEEKE - MAK - BULLERI - IMA - COSMEC - REIHENBACHER - ELTE							
CODE	H	D	d	b	TIPO	LT	D _i
MPP060.005	24	13	9	M12	ISO30	44	17
MPP060.006	26	19	14	M16	ISO40	54	23
							
MONTAGGIO SU MACCHINA ESSETEAM PORTAUTENSILI CON FLANGIA NON FRESATA							
CODE	H	D	d	b	TIPO		
MPP060.007	24	12	8	M12	ISO30		
							
MONTAGGIO SU MACCHINE BELOTTI							
CODE	H	D	d	b	TIPO		
MPP060.008	24	12.8	9	M12	ISO30		
							
MONTAGGIO SU MACCHINE BIESSE (fino al 9/9/92) - MASTERWOOD (motori H.S.D.)- BULLERI - THERMWOOD							
CODE	H	D	d	b	TIPO		
MPP060.009	24	12.8	9	M12	ISO30		
							



MPP065

Smontaconi universale

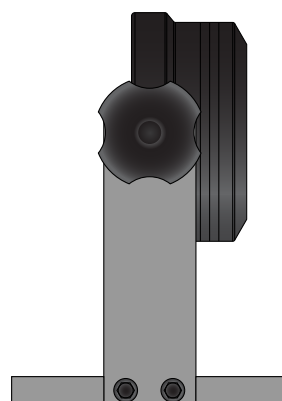
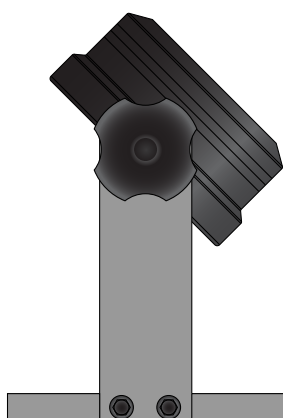
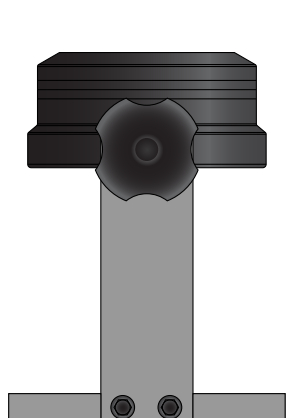
Collet and ring



CODE	MACCHINE
MPP065.001	Per coni ISO30 con flangia ø 50
MPP065.002	Per coni ISO30 con flangia ø 58 (motori Elte/Esseteam)
MPP065.003	Per coni HSK63F con flangia ø 63
MPP065.004	Per coni ISO40 con flangia ø 63.5

- Si blocca sul diametro della flangia
- Si può posizionare a piacimento ruotando da 0° a 90°

- Lock on the flange diameter
- It can be positioned from 0 ° to 90 °



V

MPP088

Sistema di bloccaggio poligonale

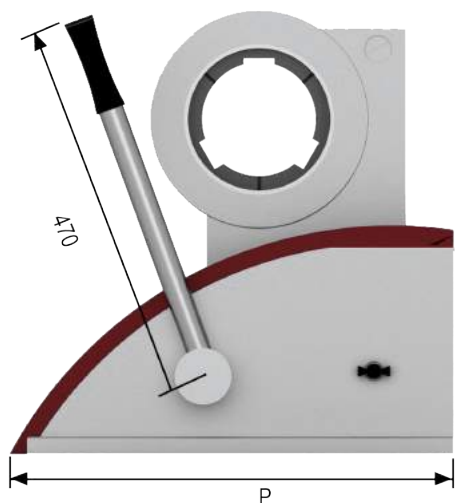
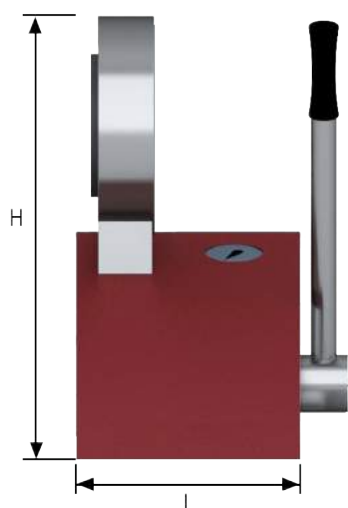
Polygonal Clamping System



CODE	L mm	H mm	P mm	Peso Weight
MPP088.001	300	370	347	29.5

Dispositivi per il serraggio e lo sbloccaggio del mandrino porta utensili.
Esecuzione con pompa manuale per un azionamento veloce e per un cambio frequente di utensili MPP080 / MPP085.

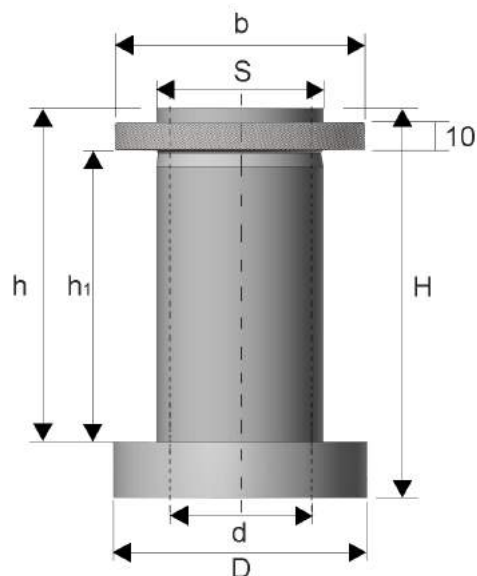
*Device for clamping and relasing the MPP080 / MPP085 toolholders.
Design with manual pump for quick actuation and for frequent tool changes.*



MPP095

Mandrini Hydro

Hydro sleeve



CODE	d mm	S mm	D mm	b mm	H mm	h ₁ mm	h mm
MPP095.001	40	50	83	83	75	40	55
MPP095.002	40	50	83	83	115	80	95
MPP095.003	40	60	93	90	75	40	55
MPP095.004	40	60	93	90	95	60	65
MPP095.005	40	60	93	90	115	80	95
MPP095.006	40	60	93	90	165	130	145
MPP095.007	40	60	93	90	215	180	195
MPP095.008	45	60	93	90	75	40	55
MPP095.009	45	60	93	90	95	60	75
MPP095.010	45	60	93	90	115	80	95
MPP095.011	45	60	93	90	140	105	120
MPP095.012	45	60	93	90	190	155	170
MPP095.013	50	60	93	90	75	40	55
MPP095.014	50	60	93	90	95	60	7
MPP095.015	50	60	93	90	115	80	95
MPP095.016	50	60	93	90	140	105	120
MPP095.017	50	60	93	90	190	155	170
MPP095.018	50	60	93	90	240	205	220
MPP095.019	60	70	105	105	75	40	55
MPP095.020	60	70	105	105	140	105	120
MPP095.021	60	70	105	105	190	155	170
MPP095.022	1 1/2"	50	83	83	85	50	65
MPP095.023	1 1/2"	50	83	83	135	100	115
MPP095.024	1 1/2"	50	83	83	185	150	165
MPP095.025	1 13/16"	60	93	90	75	40	55
MPP095.026	1 13/16"	60	93	90	115	80	95
MPP095.027	1 13/16"	60	93	90	190	155	170
MPP095.028	1 13/16"	65	98	98	85	50	65
MPP095.029	1 13/16"	65	98	98	135	100	115
MPP095.030	1 13/16"	65	98	98	185	150	165
MPP095.031	2 1/8"	65	98	98	85	50	65
MPP095.032	2 1/8"	65	98	98	135	100	115
MPP095.033	2 1/8"	65	98	98	185	150	165

Ricambio / Part

Flangia per riduzione fori
Bores - reducing spacing collars
vedi pag. 351 see page 351



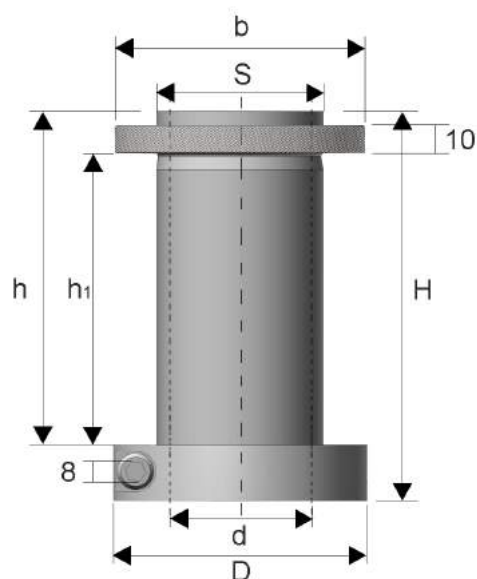
MPP100

Mandrini Hydro - Grip

Hydro - Grip sleeve



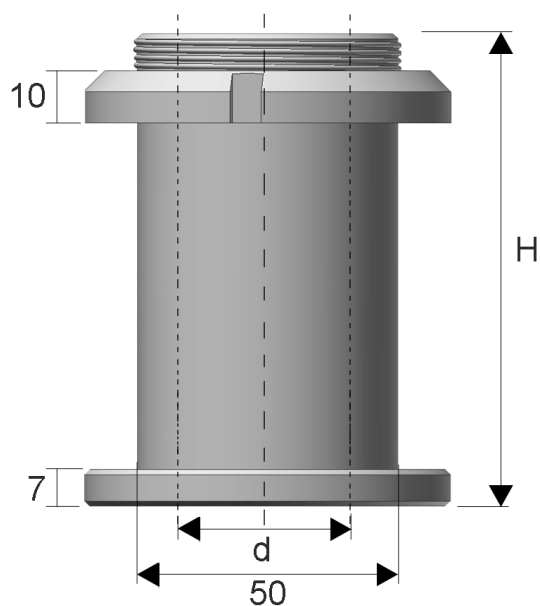
CODE	d mm	S mm	D mm	b mm	H mm	h ₁ mm	h mm
MPP100.001	1 1/2"	50	106	83	85	50	65
MPP100.002	1 1/2"	50	106	83	135	100	115
MPP100.003	1 13/16"	60	102	90	75	40	55
MPP100.004	1 13/16"	60	108	90	115	80	95
MPP100.005	1 13/16"	60	108	90	140	105	120
MPP100.006	1 13/16"	65	108	98	85	50	65
MPP100.007	2 1/8"	65	108	98	85	50	65
MPP100.008	40	50	100	83	75	40	55
MPP100.009	40	60	102	90	75	40	55
MPP100.010	40	60	108	90	95	60	75
MPP100.011	40	60	108	90	115	80	95
MPP100.012	50	60	102	90	75	40	55
MPP100.013	50	60	108	90	95	60	75
MPP100.014	50	60	108	90	115	80	95



MPP105

Mozzo porta utensili (diametro esterno 50)

Cutter - holder hub



CODE	d mm	H mm
MPP105.001	30	60
MPP105.002	30	70
MPP105.003	30	80
MPP105.004	30	90
MPP105.005	30	95
MPP105.006	30	100
MPP105.007	30	105
MPP105.008	30	110
MPP105.009	30	115
MPP105.010	30	120
MPP105.011	30	125
MPP105.012	30	130
MPP105.013	35	60
MPP105.014	35	70
MPP105.015	35	80
MPP105.016	35	90
MPP105.017	35	95
MPP105.018	35	100
MPP105.019	35	105
MPP105.020	35	110
MPP105.021	35	115
MPP105.022	35	120
MPP105.023	35	125
MPP105.024	35	130
MPP105.025	40	60
MPP105.026	40	70
MPP105.027	40	80
MPP105.028	40	90
MPP105.029	40	95
MPP105.030	40	100
MPP105.031	40	105
MPP105.032	40	110
MPP105.033	40	115
MPP105.034	40	120
MPP105.035	40	125
MPP105.036	40	130

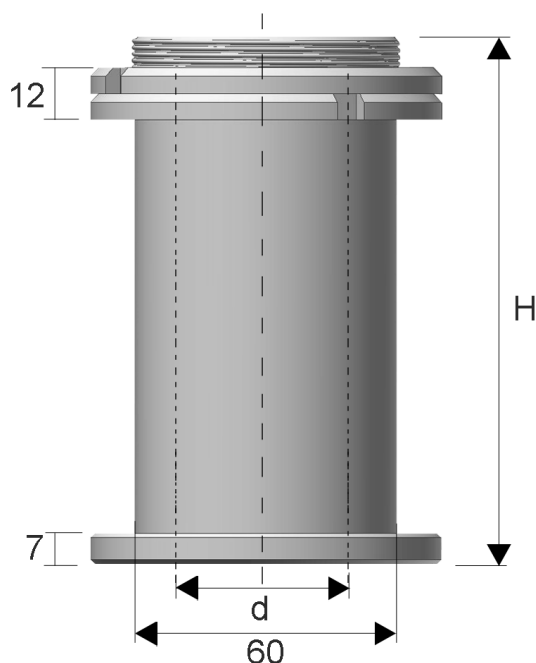
V

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MPP110

Mozzo porta utensili (diametro esterno 60)

Cutter - holder hub



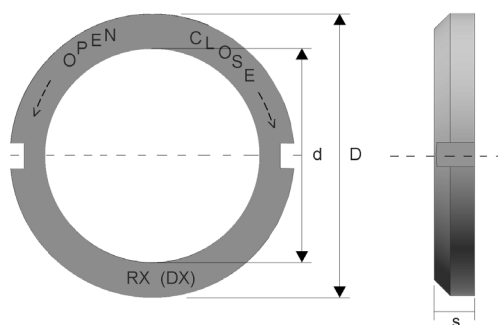
CODE	d mm	H mm	CODE	d mm	H mm
MPP110.001	30	60	MPP110.037	45	60
MPP110.002	30	70	MPP110.038	45	70
MPP110.003	30	80	MPP110.039	45	80
MPP110.004	30	90	MPP110.040	45	90
MPP110.005	30	95	MPP110.041	45	95
MPP110.006	30	100	MPP110.042	45	100
MPP110.007	30	105	MPP110.043	45	105
MPP110.008	30	110	MPP110.044	45	110
MPP110.009	30	115	MPP110.045	45	115
MPP110.010	30	120	MPP110.046	45	120
MPP110.011	30	125	MPP110.047	45	125
MPP110.012	30	130	MPP110.048	45	130
MPP110.013	35	60	MPP110.049	50	60
MPP110.014	35	70	MPP110.050	50	70
MPP110.015	35	80	MPP110.051	50	80
MPP110.016	35	90	MPP110.052	50	90
MPP110.017	35	95	MPP110.053	50	95
MPP110.018	35	100	MPP110.054	50	100
MPP110.019	35	105	MPP110.055	50	105
MPP110.020	35	110	MPP110.056	50	110
MPP110.021	35	115	MPP110.057	50	115
MPP110.022	35	120	MPP110.058	50	120
MPP110.023	35	125	MPP110.059	50	125
MPP110.024	35	130	MPP110.060	50	130
MPP110.025	40	60			
MPP110.026	40	70			
MPP110.027	40	80			
MPP110.028	40	90			
MPP110.029	40	95			
MPP110.030	40	100			
MPP110.031	40	105			
MPP110.032	40	110			
MPP110.033	40	115			
MPP110.034	40	120			
MPP110.035	40	125			
MPP110.036	40	130			



GHRF50

Ghiere filettate per mozzo(diametro esterno50)

Threated metal ring

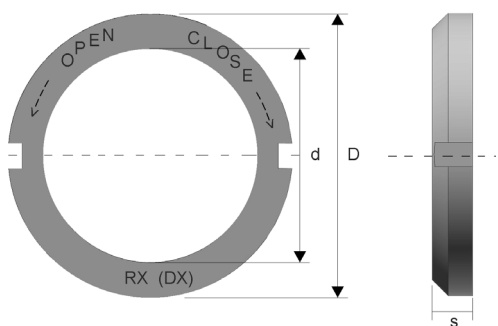


CODE		d	D	S
RIGHT Rot.	LEFT Rot.	mm	mm	mm
GHRF50.001R	GHRF50.001L	50	70	10

GHRF60

Ghiere filettate per mozzo(diametro esterno60)

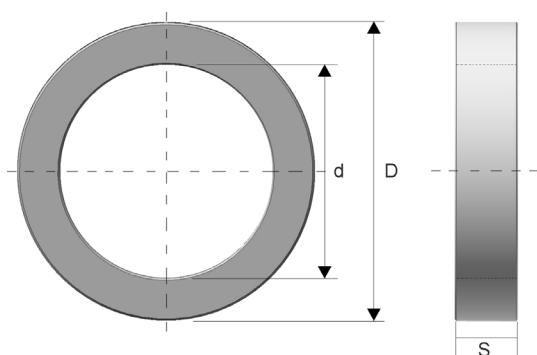
Threated metal ring



CODE		d	D	S
RIGHT Rot.	LEFT Rot.	mm	mm	mm
GHRF60.001R	GHRF60.001L	60	80	6



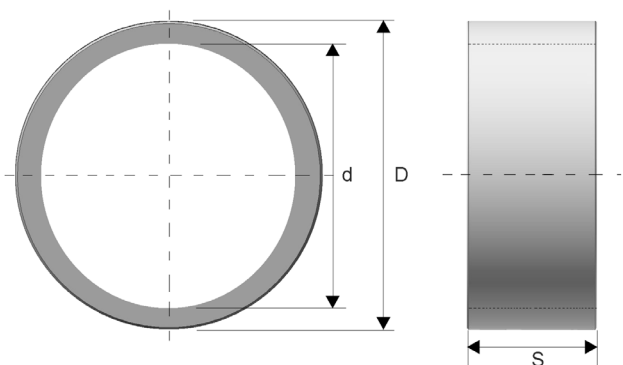
Spacer rings



CODE	d mm	D mm	S mm
NLD.001	30	50	0.1
NLD.002	30	50	0.3
NLD.003	30	50	0.5
NLD.004	30	50	1
NLD.005	30	50	2
NLD.006	30	50	2.5
NLD.007	30	50	3
NLD.008	30	50	5
NLD.009	30	50	7
NLD.010	30	50	10
NLD.011	30	50	15
NLD.012	30	50	20
NLD.013	30	50	24
NLD.014	30	50	30
NLD.015	30	50	40
NLD.016	35	55	0.1
NLD.017	35	55	0.3
NLD.018	35	55	0.5
NLD.019	35	55	1
NLD.020	35	55	2
NLD.021	35	55	2.5
NLD.022	35	55	3
NLD.023	35	55	5
NLD.024	35	55	7
NLD.025	35	55	8
NLD.026	35	55	10
NLD.027	35	55	15
NLD.028	35	55	20
NLD.029	35	55	24
NLD.030	35	55	30
NLD.031	40	60	0.1
NLD.032	40	60	0.3
NLD.033	40	60	0.5
NLD.034	40	60	1
NLD.035	40	60	2
NLD.036	40	60	2.5
NLD.037	40	60	3
NLD.038	40	60	5

CODE	d mm	D mm	S mm
NLD.039	40	60	7
NLD.040	40	60	8
NLD.041	40	60	10
NLD.042	40	60	15
NLD.043	40	60	20
NLD.044	40	60	24
NLD.045	40	60	30
NLD.046	50	70	0.1
NLD.047	50	70	0.3
NLD.048	50	70	0.5
NLD.049	50	70	1
NLD.050	50	70	2
NLD.051	50	70	2.5
NLD.052	50	70	3
NLD.053	50	70	5
NLD.054	50	70	7
NLD.055	50	70	10
NLD.056	50	70	15
NLD.057	50	70	20
NLD.058	50	70	24
NLD.059	50	70	30
NLD.060	60	80	0.1
NLD.061	60	80	0.3
NLD.062	60	80	0.5
NLD.063	60	80	1
NLD.064	60	80	2
NLD.065	60	80	3
NLD.066	60	80	4
NLD.067	60	80	5
NLD.068	60	80	7
NLD.069	60	80	8
NLD.070	60	80	9
NLD.071	60	80	10
NLD.072	60	80	15
NLD.073	60	80	24
NLD.074	60	80	30
NLD.075	60	80	40





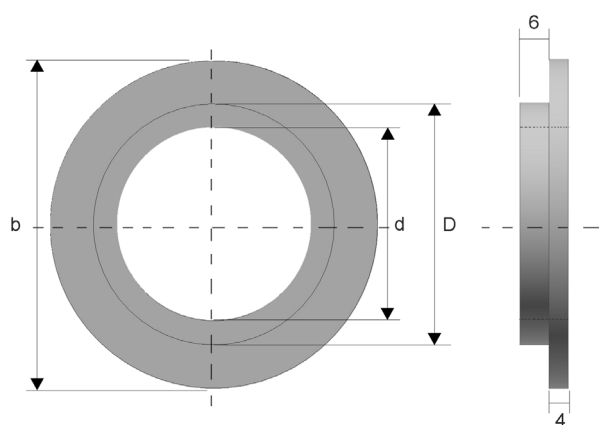
CODE	d mm	D mm	S mm
BSL.001	20	35	6
BSL.002	20	35	10
BSL.003	20	35	20
BSL.004	25	30	4
BSL.005	25	30	6
BSL.006	25	30	20
BSL.007	25	30	40
BSL.008	25	35	6
BSL.009	25	35	10
BSL.010	25	35	20
BSL.011	25	35	30
BSL.012	30	31.75	13.4
BSL.013	30	31.75	15
BSL.014	30	31.75	40
BSL.015	30	35	4
BSL.016	30	35	6
BSL.017	30	35	8
BSL.018	30	35	10
BSL.019	30	35	12
BSL.020	30	35	13.4
BSL.021	30	35	15
BSL.022	30	35	20
BSL.023	30	35	30
BSL.024	30	35	40
BSL.025	30	35	48
BSL.026	30	40	4
BSL.027	30	40	6
BSL.028	30	40	10
BSL.029	30	40	11
BSL.030	30	40	12
BSL.031	30	40	15
BSL.032	30	40	20
BSL.033	30	40	30
BSL.034	30	40	40
BSL.035	30	40	48

CODE	d mm	D mm	S mm
BSL.036	30	50	10
BSL.037	30	50	20
BSL.038	30	50	30
BSL.039	30	50	48
BSL.040	30	50	50
BSL.041	32	50	40
BSL.042	32	50	60
BSL.043	35	40	4
BSL.044	35	40	6
BSL.045	35	40	8
BSL.046	35	40	10
BSL.047	35	40	12
BSL.048	35	40	15
BSL.049	35	40	20
BSL.050	35	40	30
BSL.051	35	40	40
BSL.052	35	40	48
BSL.053	35	50	10
BSL.054	35	50	20
BSL.055	35	50	30
BSL.056	40	50	10
BSL.057	40	50	20
BSL.058	40	50	30
BSL.059	40	50	48

FLG

Flangia per riduzione fori (flangia a "T")

Bores - reducing spacing collars



CODE	d mm	D mm	b mm
FLG.001	20	30	50
FLG.002	25	30	50
FLG.003	25	40	60
FLG.004	30	31.75	50
FLG.005	30	35	55
FLG.006	30	40	60
FLG.007	30	50	68
FLG.008	31.75	35	55
FLG.009	31.75	40	60
FLG.010	35	40	60
FLG.011	35	50	68
FLG.012	35	60	78
FLG.013	40	50	68



LVT010

Lavatrice ad ultrasuoni

Ultrasonic cleaning



CODE	INT. VASCA LxPxH (mm)	CAPACITA' litri	EST. VASCA LxPxH(mm)	ALIMEN- TAZIONE	SCARICO
LVT010.001	330x330x180	19	380x560x330	230V	3/8"
LVT010.002	400x400x250	40	600x630x480	230V	1/2"

Tutti gli utensili per la lavorazione del legno massello e/o pannelli richiedono spesso, oltre che una manutenzione periodica di affilatura, una pulizia accurata. Dopo un utilizzo prolungato sui taglienti delle lame e delle frese, si creano depositi di materiale che riducono drasticamente l'efficienza dell'utensile. Le LAVATRICI AD ULTRASUONI della Centerinox, con i suoi detergenti specifici, consentono di eseguire una perfetta micropulizia di tutti gli utensili; è possibile pulire in tempi ristretti, punte, coltelli, lame, e frese togliendo dalla superficie ogni tipo di residuo.

All wood working tools for solid wood and panels often require, as well a periodic maintenance of sharpening and careful cleaning. After a prolonged use on the cutting edges of the blades and cutters, creating deposits of material which drastically reduce the efficiency of the tool.

The ULTRASONIC CLEANING of Centerinox, with its special cleaning products, allow you to perform a perfect micro-purity of all tools, you can clean in a short time, tips, knife, blades and cutters from the surface by removing all types of residue.



Detergenti per lavatrice ad ultrasuoni

Cleaning agents

CODE	CAPACITA' litri
LVT010.003	5
LVT010.004	1



LVT010.003



LVT010.004

V

CENTERINOX

Grease high pressure pump



PRESTAZIONI / performance	
CONTROPRESSIONE back pressure	PORTATA output
100 bar	1,0 / 1,5 cc
200 bar	1,0 / 1,5 cc
300 bar	1,0 cc
400 bar	0,5 cc

CARATTERISTICHE / features	
lunghezza pompa / lenght	500 mm
diametro pompa / diameter	60 mm
peso / weight	2 kg
funzionamento / working	manuale/manual
pressione di esercizio / pressure	400 bar
pressione massima/maximum pressure	700 bar
erogazione / supply	1,5cc ogni colpo
capacità / capacity	600 gr.
confezione singola / single package	sacchetto/plastic bag
confezione multipla / multiple package	cartone/carton box
portata a 100 bar / output at 100 bar	300-450 ml/min
portata a 200 bar / output at 200 bar	200 ml/min
n° pompe a 100 bar/n° of strokes at 100 bar	30 per min

Pompa manuale per grasso adatta per ogni tipo di grasso non corrosivo in cartuccia.

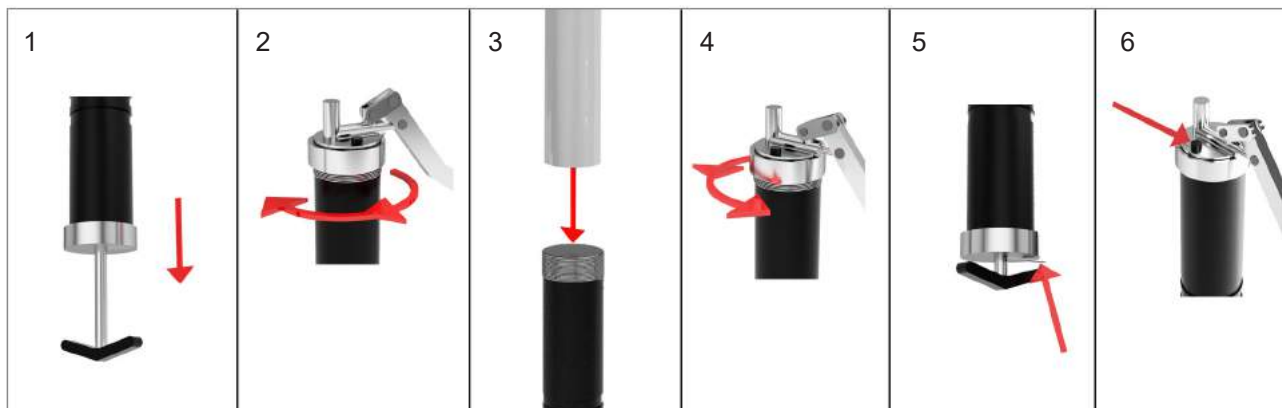
L'ingrassatore a pompa ad alta pressione è di alta qualità professionale. Il prodotto arriva a vincere una pressione nominale di 700 bar = 10000 psi in fase di test. Durante l'utilizzo supera la pressione di 400 bar = 6000 psi senza subire danni o deformazioni, a differenza dei compressori di importazione standard.

POMPA : caricamento del grasso a cartuccia
CARTUCCIA: 600 gr., ø 56mm

Suitable to every type of non-corrosive grease in cartridge.

Grease high pressure pump a professional top quality item. This gun gets to win a nominal pressure of 700 bar = 10000 psi during quality tests. In operating conditions it can overcome the pressure of 400 bar = 6000 psi without damage or deformation, unlike standard grease guns.

PUMP : manual filling with cartridge
CARTRIDGE: 600 gr., ø 56mm



ISTRUZIONI PER L'INSERIMENTO DELLA

CARTUCCIA

- 1- Tirare l'asta spingigrasso del pistone
- 2- Svitare la testa dal cilindro
- 3- Prendere la cartuccia con il tappo, togliere il tappo in plastica e tagliare l'altra estremità lungo il bordo rientrante; inserire la cartuccia nel cilindro
- 4- Riavvitare la testata
- 5- Far rientrare l'asta spingigrasso premendo la levetta di arresto
- 6- Fare fuoriuscire (spurgare) l'eventuale presenza di bolle d'aria nella testata svitando il tappo di spurgo

INSTRUCTIONS FOR USE WITH CARTRIDGE

- 1- Pull the pump shaft
- 2- Screw off the head of the hand lever pump
- 3- Remove the plug of the cartridge and cut the other end along the re-entering edge; put the cartridge in the hand lever pump
- 4- Screw again the head
- 5- Press the trigger to re-enter the pump shaft
- 6- Purge the pump screwing off the vent plug and operate the lever.



VRT010

Vortice - Convogliatore a ghiera
Per pinze ER25, ER32, ER40

Vortex - Conveyor clamping nut
For ER25, ER 32, ER40 spring collets



- VORTICE convogliatore di polvere e truciolo.
- Evita depositi di polvere e trucioli dal piano di lavoro fino al 90%.
- Rende l' ambiente di lavoro sicuro e praticamente privo di polveri dannose per l'operatore.
- Di facile utilizzo ed assemblaggio, non necessita di particolari utensili di montaggio / smontaggio.
- Range di lavoro molto ampio, da un minimo di 3mm ad un massimo di 25mm dal piano di lavoro.
- Utilizzabile con diversi tipi di frese, dalle elicoidali alle sagomate.
- Disponibile per mandrini Hidro System, ghiera ER25, ER32 ed ER40.
- Costruito in lega di Alluminio 7075 (Ergal), materiale leggero e resistente, perfetto per questo tipo di applicazioni.
- Trattamento superficiale contro la corrosione.
- Oltre che al nesting, può essere utilizzato in lavorazioni differenti, dalla contornatura alla profilatura.

- Conveyor of dust and swarf VORTEX.
- Prevent dust and swarf from the work plane up 90%.
- It makes the working enviroment safe and practically free of dust harmfull to the user.
- Easy to use and assembly, no need for spacial tools for assembly / disassembly.
- Very broad work range, from a minimum of 3mm and a maximum of 25mm from the work plane.
- Used for different types of milling cutters, from the helical to the profiled ones.
- Available for Hydro System spindles, ring-nuts ER25, ER32 and ER40.
- Made in alluminum alloy 7075 (ERGAL), lightweight material and durable perfect for this kind of applications.
- Surface treatment against corrosion.
- In addition to the nesting, it can be used in different processes, from the contouring to the profiling.

 pulito  sicuro  economico



Chiave di smontaggio compresa
Removal of key included



VRT015

Vortice - Convogliatore a ghiera Per mandrini HYDRO

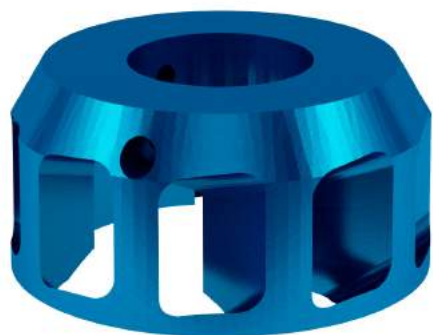
Vortex - Conveyor clamping nut For holders HYDRO



- VORTICE convogliatore di polvere e truciolo.
- Evita depositi di polvere e trucioli dal piano di lavoro fino al 90%.
- Rende l'ambiente di lavoro sicuro e praticamente privo di polveri dannose per l'operatore.
- Di facile utilizzo ed assemblaggio, non necessita di particolari utensili di montaggio / smontaggio.
- Range di lavoro molto ampio, da un minimo di 3mm ad un massimo di 25mm dal piano di lavoro.
- Utilizzabile con diversi tipi di frese, dalle elicoidali alle sagomate.
- Disponibile per mandrini Hidro System, ghiera ER25, ER32 ed ER40.
- Costruito in lega di Alluminio 7075 (Ergal), materiale leggero e resistente, perfetto per questo tipo di applicazioni.
- Trattamento superficiale contro la corrosione.
- Oltre che al nesting, può essere utilizzato in lavorazioni differenti, dalla contornatura alla profilatura.

- Conveyor of dust and swarf VORTEX.
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 pulito  sicuro  economico



Chiave di smontaggio compresa
Removal of key included



NOTES

V

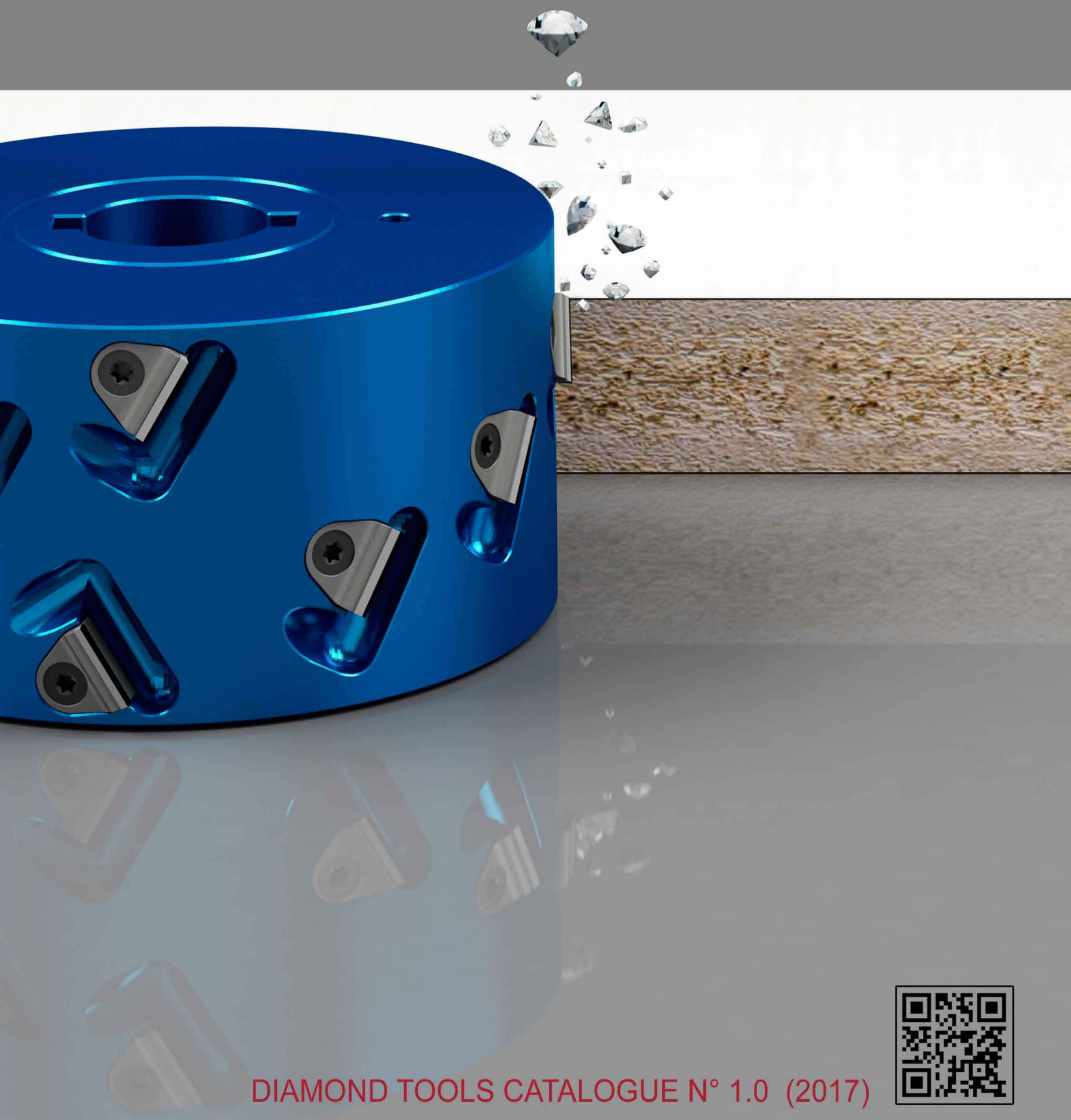
CENTERINOX





CENTERINOX[®] S.R.L.

Diamond tools



DIAMOND TOOLS CATALOGUE N° 1.0 (2017)





DIAMOND CATALOGUE



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Fax +39 0735 735380
e-mail: info@centerinox.it
www.centerinox.it*



Centerinox nel mondo

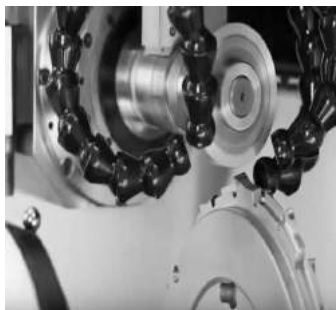
Centerinox in the world



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e-mail: info@centerinox.it
www.centerinox.it

Il nostro stabilimento si trova a soli
5 minuti dall'uscita autostradale A14
in direzione ovest, sulla
Strada Provinciale 92 Valsesino.

Our factory lies near
Grottammare's way
out from the highway "A14".





All'inizio degli anni '70, i fratelli Ciarrocchi, fondatori della società decidono di dare vita ad una realtà imprenditoriale ricca di dinamismo ed intraprendenza. Queste qualità si possono tradurre oggi in un'unica parola: Centerinox srl.

Alla Centerinox progettiamo e produciamo utensili per la lavorazione del legno e simili, con particolare interesse nella realizzazione di frese adibite all'industria del serramento.

Il tutto controllato e certificato tanto da garantire affidabilità e precisione.

Nel tempo, grazie alla continua ricerca nella progettazione, abbiamo accumulato una grande esperienza tecnologica che ci permette di presentare ogni volta soluzioni personalizzate, finalizzate al raggiungimento della massima soddisfazione del cliente più esigente.

Questa lunga attività ci ha portato a proporre oggi un catalogo con più di 300 articoli standard.

In the early 70's, the Ciarrocchi brothers, company founders, decided to create a new resourceful business, rich in dynamism.

Today, we can find the same founding qualities in the Centerinox company.

We design and produce tools for wood processing and similar, with a particular interest in realizing rotare cutters used in fixtures industry; the entire process is controlled and certified to grant reliability and precision.

During those years, thanks to a constant research in designing, we have reached a great technology experience, that allows us to present customized solution studied for the best customer's satisfaction.

This long time activity brought us to propose today a 300 standard articles catalogue.





ISTITUTO PER LA TUTELA DEI PRODUTTORI ITALIANI

Made in Italy 100% Certificate

REGISTRAZIONE N° IT01.IT/979.034.V

SI ATTESTA CHE
This is to certify that

CENTERINOX

E' UN MARCHIO CERTIFICATO AVENTE I REQUISITI DEL
SISTEMA IT01 - 100% QUALITA' ORIGINALE ITALIANA
acts according to system IT01 - 100% Original Italian Quality

QUESTA CERTIFICAZIONE E' INOLTRE VALIDA PER IL SEGUENTE CAMPO APPLICATIVO:
This certificate is also valid for the following product or service range:

UTENSILI PER LA LAVORAZIONE DEL LEGNO
Furniture

DITTA PRODUTTRICE E DISTRIBUZIONE
Manufacturer and distribution Company

CENTERINOX SRL
Via Brasile, 19 - 63066 Grottammare (AP)

SISTEMA IT01 - 100% QUALITA' ORIGINALE ITALIANA
The certified Company:

QUESTI PRODOTTI SONO:
These products are:

- A - FABBRICATI INTERAMENTE IN ITALIA
Entirely Made in Italy
- B - REALIZZATI CON SEMILAVORATI ITALIANI
Made with Italian components
- C - COSTRUITI CON MATERIALI NATURALI
DI QUALITA' E DI PRIMA SCELTA
Made with natural top quality materials

- D - REALIZZATI CON DISEGNI E PROGETTAZIONE
ESCLUSIVI DELL'AZIENDA
Made according to the Company's exclusive styles and designs
- E - COSTRUITI ADOTTANDO LE LAVORAZIONI
ARTIGIANALI, TRADIZIONALI TIPICHE ITALIANE
Made according to the typical Italian craftsmanship and tradition

Organismo Asseverante:
Supporting unit:
PROMINDUSTRIA SPA



Stamp / Trade Mark
Timbro dell'Istituto


WALTER MARTINI
President


NAZZARENO VITA
Director

MILANO, 17/03/2014

LA VALIDITA' DEL PRESENTE CERTIFICATO MADE IN ITALY E' SUBORDINATA AL RIESAME COMPLETO DEL SISTEMA CON PERIODICITA' ANNUALE
The validity of this Made in Italy Certificate is subjected to a periodical complete annual inspection

madeinitaly.org



Certificate No.: QAIC/IT/91765-A

CONDIZIONE GENERALE DI VENDITA

SPEDIZIONE: La spedizione della merce si intende effettuata a rischio e pericolo del committente. In caso di manomissioni o danneggiamento dei prodotti durante il trasporto, il destinatario dovrà rivolgersi esclusivamente ai vettori. Eventuali reclami alla fornitura dovranno, sotto pena di decadenza, essere inoltrati entro 8 giorni dal ricevimento della merce.

CONSEGNE: I termini di consegna concordati o riportati sulle conferme d'ordine sono indicativi e non sono impegnativi ma subordinati sempre alla fabbricazione. Essi non costituiscono diritto all'annullamento dell'ordine nel caso la consegna non potesse essere rispettata per cause non dipendenti dalla nostra volontà.

PAGAMENTI: Tutti i pagamenti devono essere effettuati direttamente alla sede. Non sono ammessi arrotondamenti o trattenute arbitrarie.

GARANZIA: Tutti gli utensili sono garantiti sotto ogni aspetto, purché non presentino inconvenienti dovuti ad errato uso, evidente manomissione o impiegati in condizioni non consentite dal tipo di materiale usato per la loro fabbricazione.

ESEMPIO DI ORDINAZIONE: Per migliorare e velocizzare lo svolgimento degli ordini, Vi preghiamo di eseguire le ordinazioni usando il codice dell'articolo richiesto o, in caso di merce speciale, di fare sempre riferimento al codice dell'articolo più simile.

GENERAL SALES CONDITION

SHIPPING: Goods are shipped at the customer's own risk and responsibility. In the case of damage or tampering during transportation the consignee must direct all complaints to the forwarder. Any eventual complaints regarding the goods supplied must be made strictly within 8 days of receipt of goods.

DELIVERY TIMES: The delivery times agreed and shown on the order confirmation are approximate and not binding but subject to production schedule. No right to cancel the order shall be granted in the case of these delivery times not being kept due to reasons beyond our control.

PAYMENT: All payments must be made directly to head office. No rounding off of amounts or deduction are admissible.

WARRANTY: All tools are guaranteed in every aspect, as long as they do not show evidence of improper use, obvious misuse or have been used under conditions unsuitable for the type of material they were made from.

ORDERING PROCEDURE: To speed up and make ordering more efficient, you are kindly requested to place orders using correct code for the item required or, in case of special purpose items, with reference to the code of the most similar code.

INTRODUZIONE

La produzione della CENTERINOX già definita HIGH TECHNOLOGY per la precisa impronta qualitativa che la contraddistingue, presenta ora un nuovo catalogo.

L'Azienda propone un ampio assortimento di soluzioni standard, sviluppate in base alle richieste del mercato in ogni settore della lavorazione del legno, truciolare, MDF e delle materie plastiche; questi utensili, definiti "STANDARD o DI SERIE" sono disponibili in magazzino.

L'utilizzo di nuovi materiali e lo sviluppo di tecnologie e sistemi di lavorazione innovativi, uniti alle esigenze della clientela, portano alla realizzazione di soluzioni specifiche.

Il nostro ufficio tecnico è quindi a disposizione per risolvere qualsiasi problema si presenti quotidianamente, e la nostra esperienza trentennale ci permette di soddisfare con successo le esigenze della nostra clientela sia in Italia che all'estero attraverso un'organizzazione di vendita diretta o tramite rivenditore.

Il punto di forza della CENTERINOX è il sistema brevettato di fissaggio meccanico delle placchette diamantate, che garantisce lavorazioni ottimali e una rapida sostituzione dei coltelli, rispettando tutti gli standard di sicurezza EN847-1.

INTRODUCTION

The CENTERINOX production already called HIGH TECHNOLOGY will be now shown on this new catalogue.

Our company offers a wide range of standard and special solutions of any sector of wood manufacture, MDF and plastic materials, developed on demand of industry.

The utilization of new material development of new technology and customer demand, bring CENTERINOX to study a customized solution for each situation.

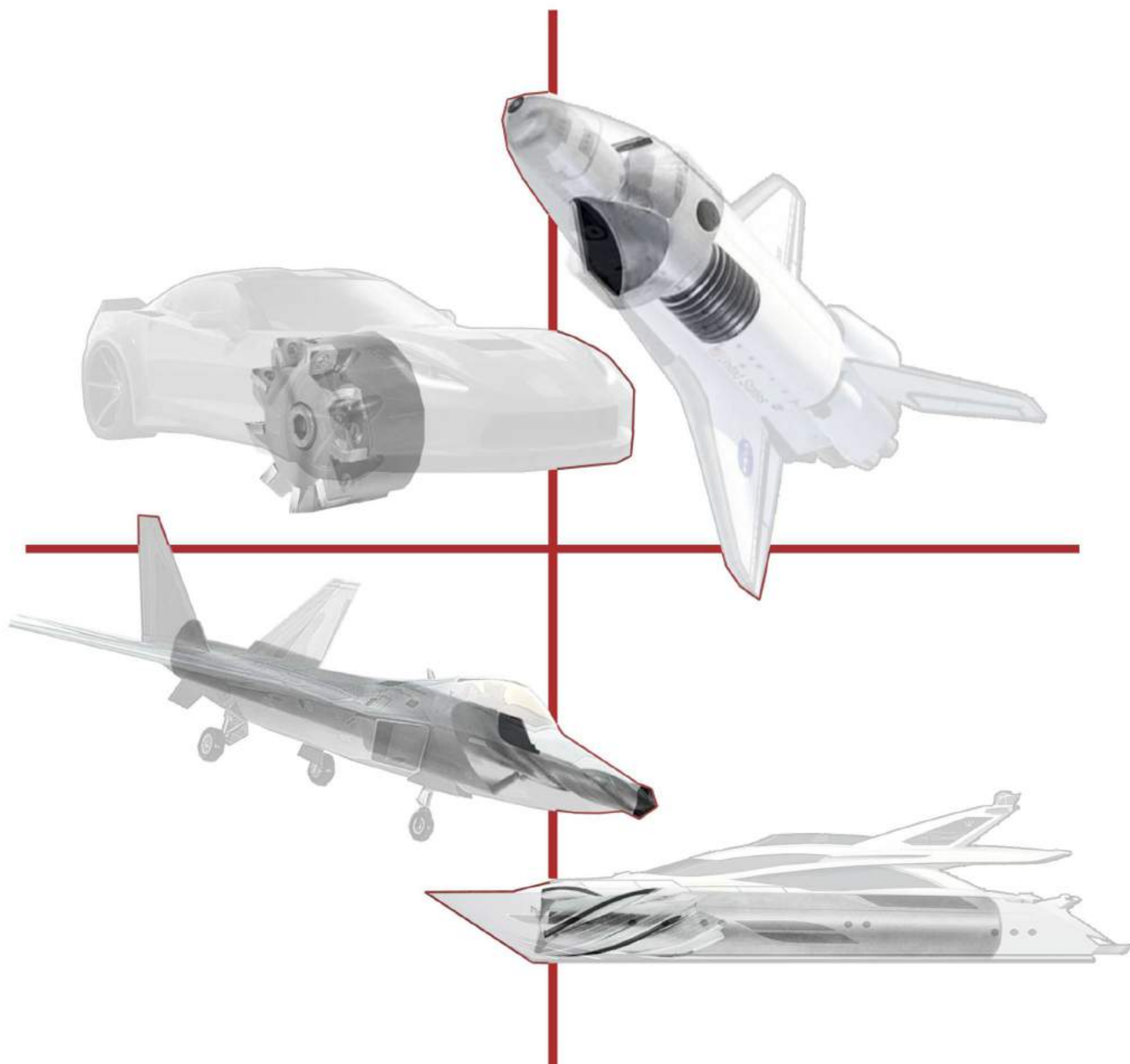
Our technical office formed by expert persons is ready to solve any kind of problem or just give simple suggestion. We manufacture since 30 years and we are present in national and international market by dealer organization.

One of our strong points is the mechanical fixing patent, which allows optimum processing and fast substitution of knives. In our laboratory we test and check continually all the tools in order to obtain safe utilization; all our production is made according to the safe rule being force in Europe EN847-1.

CENTERINOX is glad to offer to you this new instrument of work for choice of a right product suitable for your need.



DIAMOND CUTTING TOOLS



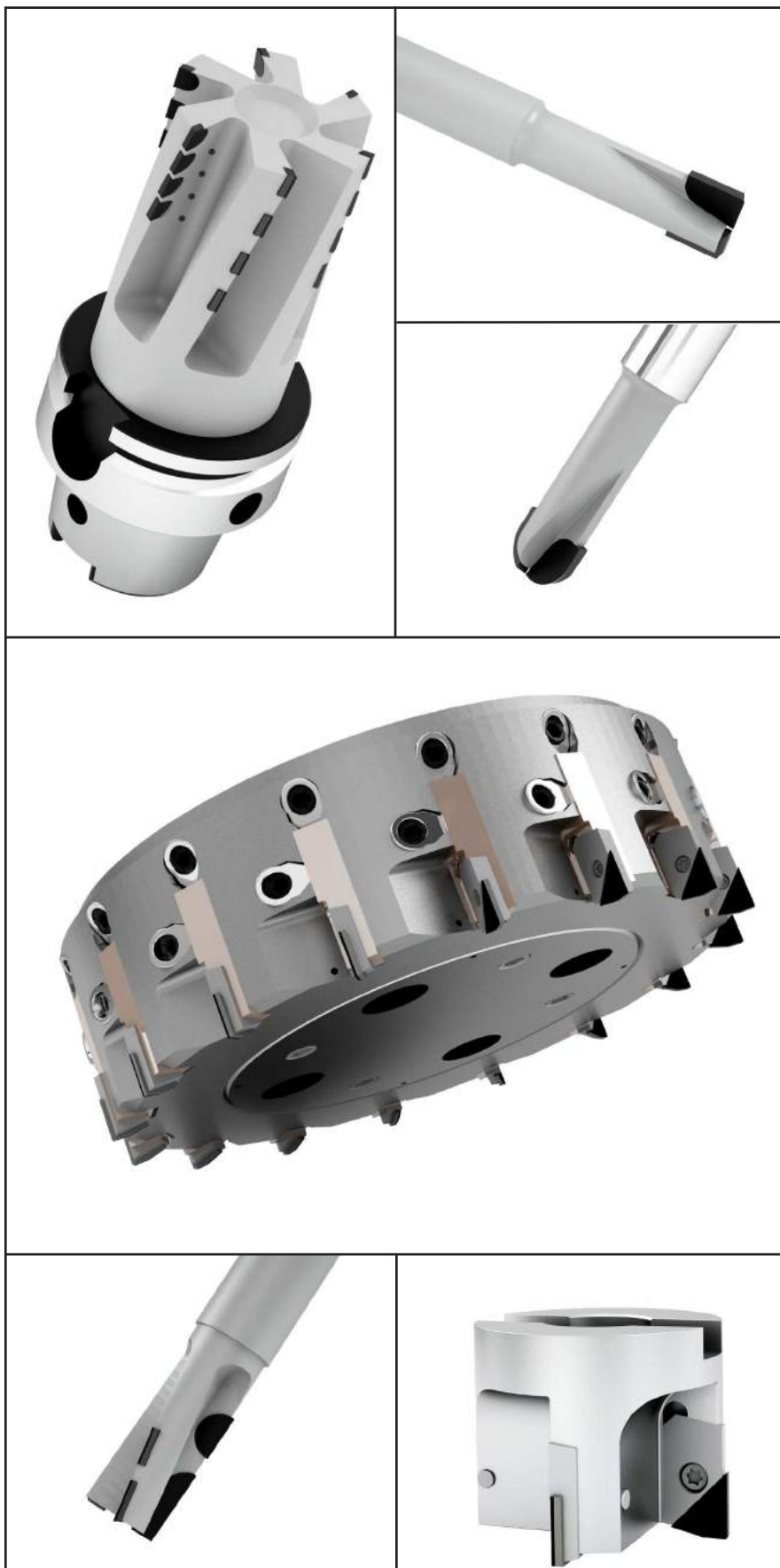
La **CENTERINOX** amplia la sua gamma di utensili diamantati, con la progettazione e produzione di utensili in policristallino per lavorazione di materiali compositi, componenti in fibra di carbonio, metalli, plastiche e resine.

Per soddisfare le esigenze produttive del settore:
NAVALE, SPAZIALE, AEREO, AUTOMOBILISTICO.

*The **CENTERINOX** expands its range of diamond tools whit the design and production of polycrystalline tools for process composite materials , carbon fiber components , metals, plastics and resins machining.*

*To meet the production needs of the industry :
NAVAL ,AEROSPACE , AUTOMOTIVE .*

**NEW
PRODUCT**



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FRESE ANTISCHEGGIA
EDGEBANDING ANTI-CHIPPING

PUNTE PANTOGRAFO
CNC ROUTERBITS

FRESE SAGOMATE
PROFILED ROUTERBIT

LAME PER TAGLIO INCASTRI E SEZIONATURA
SAWING / SIZING

SQUADRATURA
HOGGING

FRESE DI FINITURA
ADJUSTABLE FINISHMILLING

ACCESSORI
ACCESSORIES

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SECTION A

SEZIONE B
SECTION B

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SECTION C

SEZIONE D
SECTION D

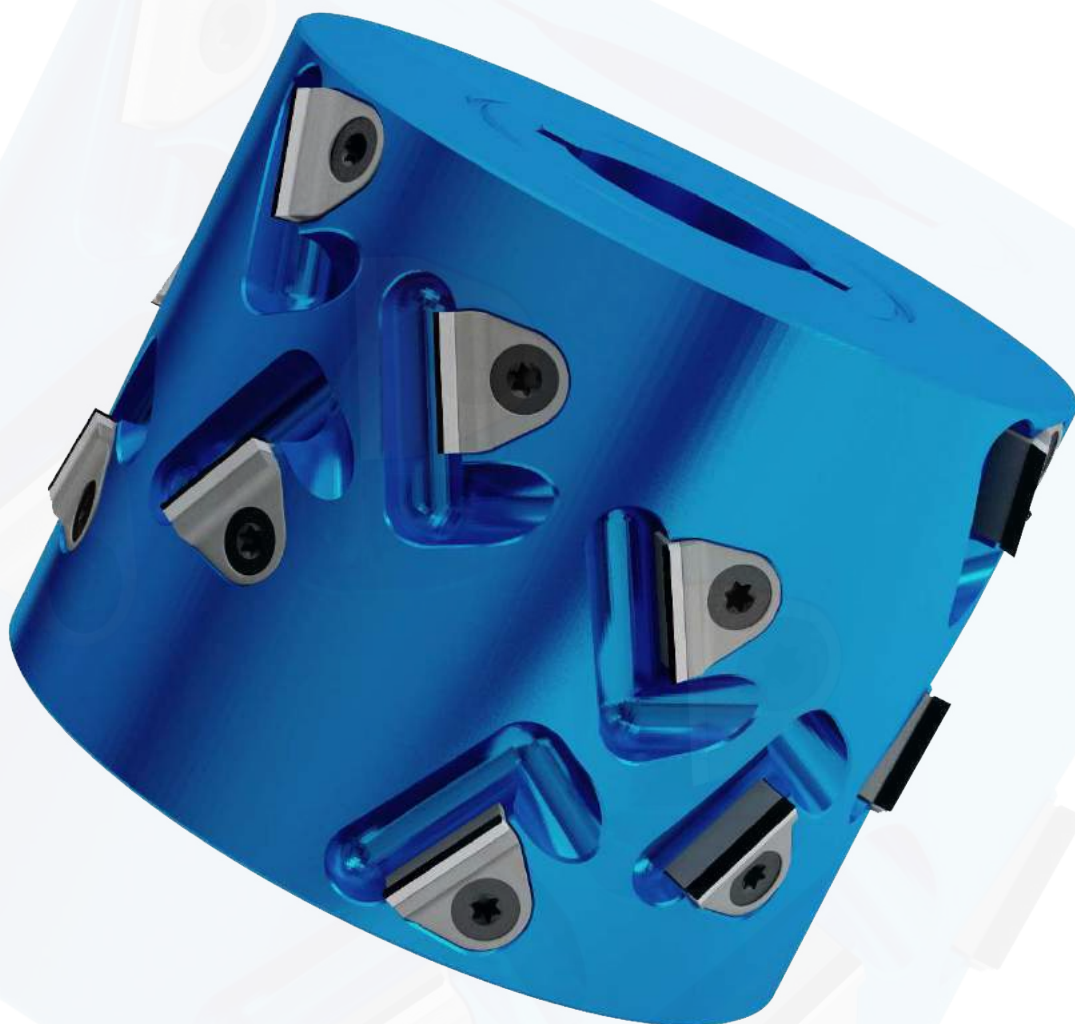
SEZIONE E
SECTION E

SEZIONE F
SECTION F

SEZIONE G
SECTION G

FRESE ANTISCHEGGIA
EDGEBANDING ANTI-CHIPPING

SEZIONE A
SECTION A





Fresa elicoidale antischeggia al diamante H2,5
Helical edgebanding anticipping tools pcd H2,5

FDT010
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Fresa elicoidale antischeggia al diamante H4
Helical edgebanding anticipping tools pcd H4

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Helical edgebanding anticipping tools pcd H4

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Fresa elicoidale al diamante
Helical edgebanding anticipping tools

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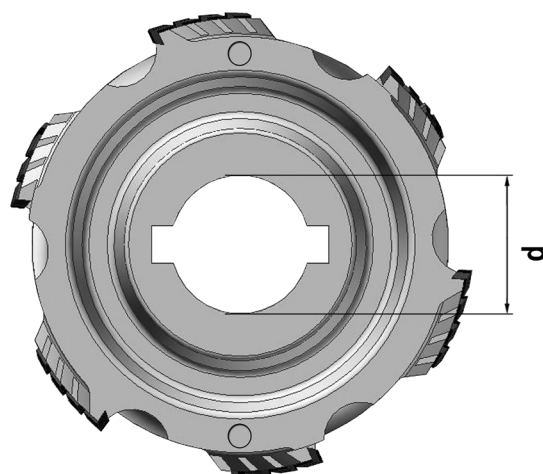
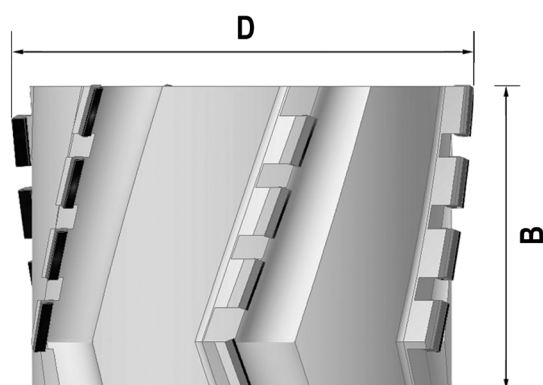
Fresa elicoidale al diamante
Helical edgebanding anticipping tools

FDT035
pag.11

FDT010

*Fresa elicoidale antischeggia al diamante H2,5
Per macchina bordatrice*

Helical edgebanding anti-chipping tools pcd H2,5



CODE		D	B	d	Z=2+2
RIGHT Rot.	LEFT Rot.	mm	mm	mm	n° placchette
FDT010.001R	FDT010.001L	80	40	30	10
FDT010.002R	FDT010.002L	80	48	30	12
FDT010.003R	FDT010.003L	80	55	30	14
FDT010.004R	FDT010.004L	80	65	30	16
FDT010.005R	FDT010.005L	100	40	30	10
FDT010.006R	FDT010.006L	100	48	30	12
FDT010.007R	FDT010.007L	100	55	30	14
FDT010.008R	FDT010.008L	100	65	30	16
FDT010.009R	FDT010.009L	125	40	30	10
FDT010.010R	FDT010.010L	125	48	30	12
FDT010.011R	FDT010.011L	125	55	30	14
FDT010.012R	FDT010.012L	125	65	30	16

CODE		D	B	d	Z=3+3
RIGHT Rot.	LEFT Rot.	mm	mm	mm	n° placchette
FDT010.013R	FDT010.013L	80	40	30	15
FDT010.014R	FDT010.014L	80	48	30	18
FDT010.015R	FDT010.015L	80	55	30	21
FDT010.016R	FDT010.016L	80	65	30	24
FDT010.017R	FDT010.017L	100	40	30	15
FDT010.018R	FDT010.018L	100	48	30	18
FDT010.019R	FDT010.019L	100	55	30	21
FDT010.020R	FDT010.020L	100	65	30	24
FDT010.021R	FDT010.021L	125	40	30	15
FDT010.022R	FDT010.022L	125	48	30	18
FDT010.023R	FDT010.023L	125	55	30	21
FDT010.024R	FDT010.024L	125	65	30	24



Rotazione destra
Right rotation

Rotazione sinistra
Left rotation

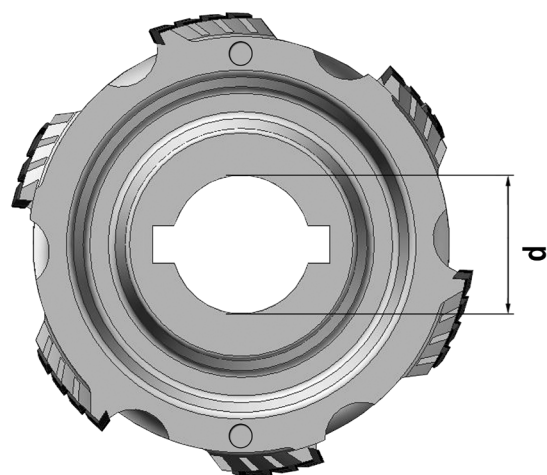
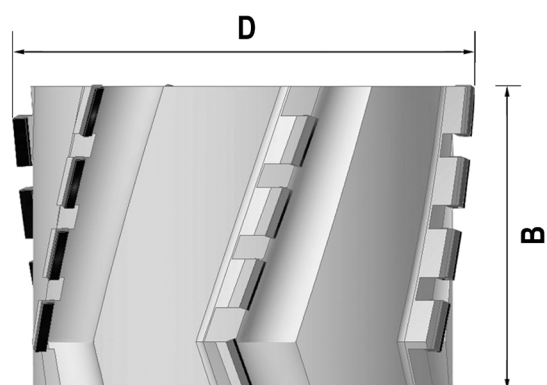
FDT015

*Fresa elicoidale antischeggia al diamante H4
Per macchina bordatrice*

Helical edgebanding anti-chipping tools pcd H4



CODE		D mm	B mm	d mm	Z=2+2 n° placchette
RIGHT Rot.	LEFT Rot.				
FDT015.001R	FDT015.001L	80	40	30	10
FDT015.002R	FDT015.002L	80	48	30	12
FDT015.003R	FDT015.003L	80	55	30	14
FDT015.004R	FDT015.004L	80	65	30	16
FDT015.005R	FDT015.005L	100	40	30	10
FDT015.006R	FDT015.006L	100	48	30	12
FDT015.007R	FDT015.007L	100	55	30	14
FDT015.008R	FDT015.008L	100	65	30	16
FDT015.009R	FDT015.009L	125	40	30	10
FDT015.010R	FDT015.010L	125	48	30	12
FDT015.011R	FDT015.011L	125	55	30	14
FDT015.012R	FDT015.012L	125	65	30	16



CODE		D mm	B mm	d mm	Z=3+3 n° placchette
RIGHT Rot.	LEFT Rot.				
FDT015.013R	FDT015.013L	80	40	30	15
FDT015.014R	FDT015.014L	80	48	30	18
FDT015.015R	FDT015.015L	80	55	30	21
FDT015.016R	FDT015.016L	80	65	30	24
FDT015.017R	FDT015.017L	100	40	30	15
FDT015.018R	FDT015.018L	100	48	30	18
FDT015.019R	FDT015.019L	100	55	30	21
FDT015.020R	FDT015.020L	100	65	30	24
FDT015.021R	FDT015.021L	125	40	30	15
FDT015.022R	FDT015.022L	125	48	30	18
FDT015.023R	FDT015.023L	125	55	30	21
FDT015.024R	FDT015.024L	125	65	30	24



Rotazione destra
Right rotation

Rotazione sinistra
Left rotation

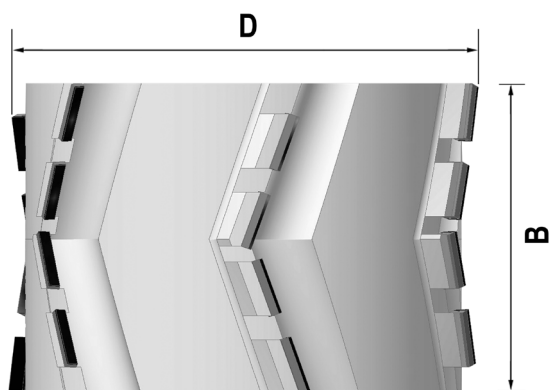
FDT020

*Fresa elicoidale antischeggia al diamante H2,5
Per macchina bordatrice*

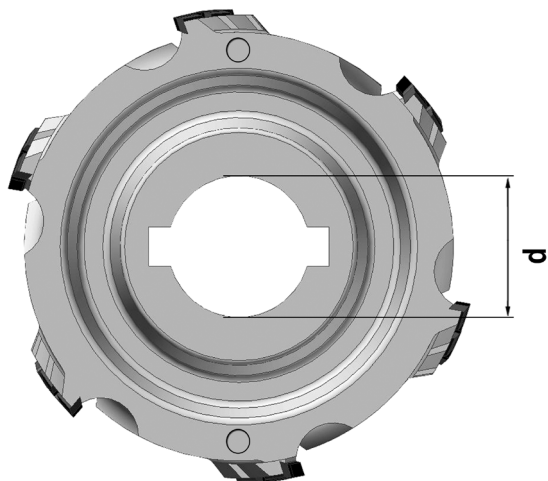
Helical edgebanding anti-chipping tools pcd H2,5



CODE	D mm	B mm	d mm	Z=2+2 n° placchette
FDT020.001	80	40	30	10
FDT020.002	80	48	30	12
FDT020.003	80	55	30	14
FDT020.004	80	65	30	16
FDT020.005	100	40	30	10
FDT020.006	100	48	30	12
FDT020.007	100	55	30	14
FDT020.008	100	65	30	16
FDT020.009	125	40	30	10
FDT020.010	125	48	30	12
FDT020.011	125	55	30	14
FDT020.012	125	65	30	16



CODE	D mm	B mm	d mm	Z=3+3 n° placchette
FDT020.013	80	40	30	15
FDT020.014	80	48	30	18
FDT020.015	80	55	30	21
FDT020.016	80	65	30	24
FDT020.017	100	40	30	15
FDT020.018	100	48	30	18
FDT020.019	100	55	30	21
FDT020.020	100	65	30	24
FDT020.021	125	40	30	15
FDT020.022	125	48	30	18
FDT020.023	125	55	30	21
FDT020.024	125	65	30	24



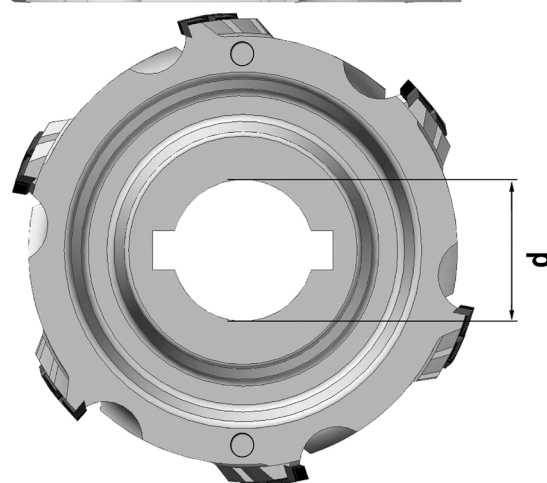
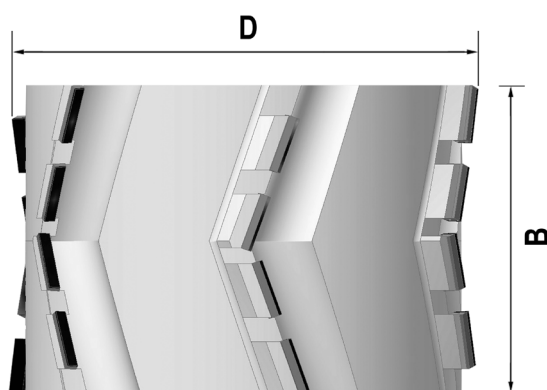
FDT025

*Fresa elicoidale antischeggia al diamante H4
Per macchina bordatrice*

Helical edgebanding anti-chipping tools pcd H4



CODE	D mm	B mm	d mm	Z=2+2 n° placchette
FDT025.001	80	40	30	10
FDT025.002	80	48	30	12
FDT025.003	80	55	30	14
FDT025.004	80	65	30	16
FDT025.005	100	40	30	10
FDT025.006	100	48	30	12
FDT025.007	100	55	30	14
FDT025.008	100	65	30	16
FDT025.009	125	40	30	10
FDT025.010	125	48	30	12
FDT025.011	125	55	30	14
FDT025.012	125	65	30	16



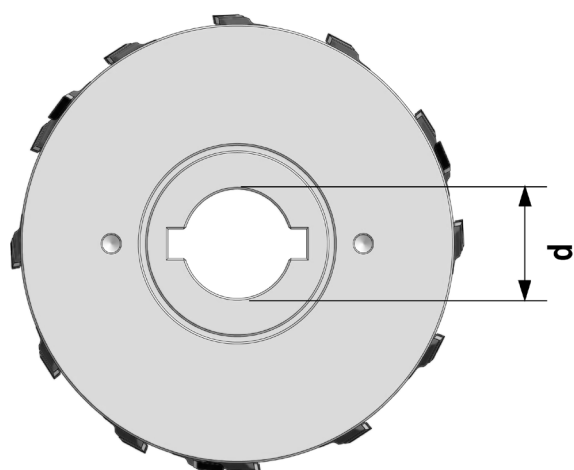
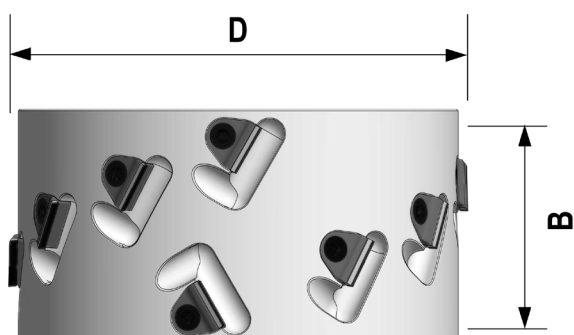
CODE	D mm	B mm	d mm	Z=3+3 n° placchette
FDT025.013	80	40	30	15
FDT025.014	80	48	30	18
FDT025.015	80	55	30	21
FDT025.016	80	65	30	24
FDT025.017	100	40	30	15
FDT025.018	100	48	30	18
FDT025.019	100	55	30	21
FDT025.020	100	65	30	24
FDT025.021	125	40	30	15
FDT025.022	125	48	30	18
FDT025.023	125	55	30	21
FDT025.024	125	65	30	24



FDT030

Fresa elicoidale antischeggia al diamante in alluminio con inserti intercambiabili

Helical edgebanding anti-chipping tools



CODE		D mm	B mm	d mm	Z
RIGHT RoT.	LEFT RoT.				
FDT030.001R	FDT030.001L	80	43	30	3 + 3
FDT030.002R	FDT030.002L	80	65	30	3 + 3
FDT030.003R	FDT030.003L	100	43	30	3 + 3
FDT030.004R	FDT030.004L	100	65	30	3 + 3
FDT030.005R	FDT030.005L	100	85	30	3 + 3
FDT030.006R	FDT030.006L	100	105	30	3 + 3
FDT030.007R	FDT030.007L	100	43,6	30	3 + 3
FDT030.008R	FDT030.008L	100	65,2	30	3 + 3
FDT030.009R	FDT030.009L	100	54	30	3 + 3
FDT030.010R	FDT030.0010L	100	43	30	3 + 3
FDT030.011R	FDT030.0011L	125	43	30	3 + 3
FDT030.012R	FDT030.0012L	125	65	30	3 + 3
FDT030.013R	FDT030.0013L	100	32	30	3 + 3
FDT030.014R	FDT030.0014L	125	32	30	3 + 3
FDT030.015R	FDT030.0015L	125	43	30	3 + 3
FDT030.016R	FDT030.0016L	125	63	30	3 + 3

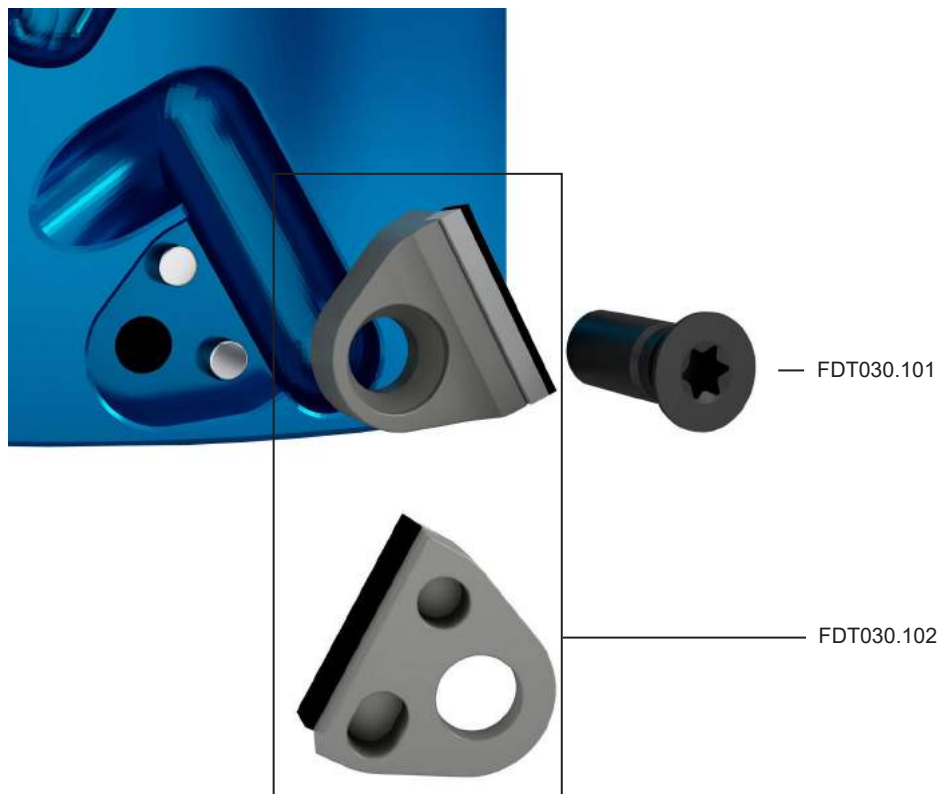


FDT030

Fresa elicoidale antischeggia al diamante in alluminio con inserti intercambiabili

Helical edgebanding anti-chipping tools

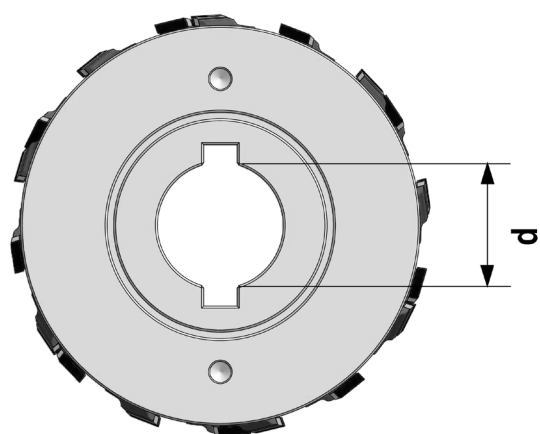
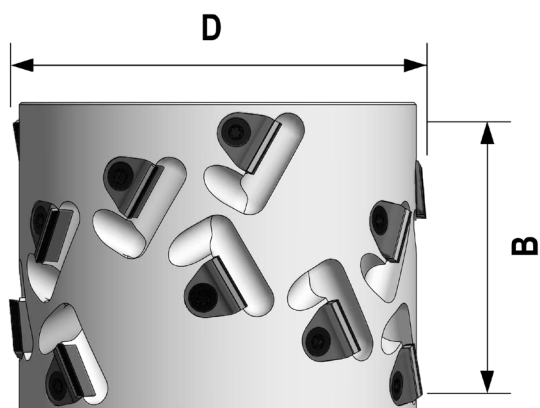
CODE	PARTI DI RICAMBIO SPARE PARTS	
FDT030.101	VITE / SCREW	M5X7 
FDT030.102	INSERTO / INSERT	



FDT035

Fresa elicoidale antischeggia al diamante in alluminio con inserti intercambiabili

Helical edgebanding anti-chipping tools



CODE	D mm	B mm	d mm	Z
FDT035.001	80	43	30	3 + 3
FDT035.002	80	65	30	3 + 3
FDT035.003	100	43	30	3 + 3
FDT035.004	100	65	30	3 + 3
FDT035.005	100	85	30	3 + 3
FDT035.006	100	105	30	3 + 3
FDT035.007	100	43,6	30	3 + 3
FDT035.008	100	65,2	30	3 + 3
FDT035.009	100	54	20	3 + 3
FDT035.010	100	43	30	3 + 3
FDT035.011	125	43	30	3 + 3
FDT035.012	125	65	30	3 + 3
FDT035.013	100	32	30	3 + 3
FDT035.014	125	32	30	3 + 3
FDT035.015	125	43	30	3 + 3
FDT035.016	125	63	30	3 + 3

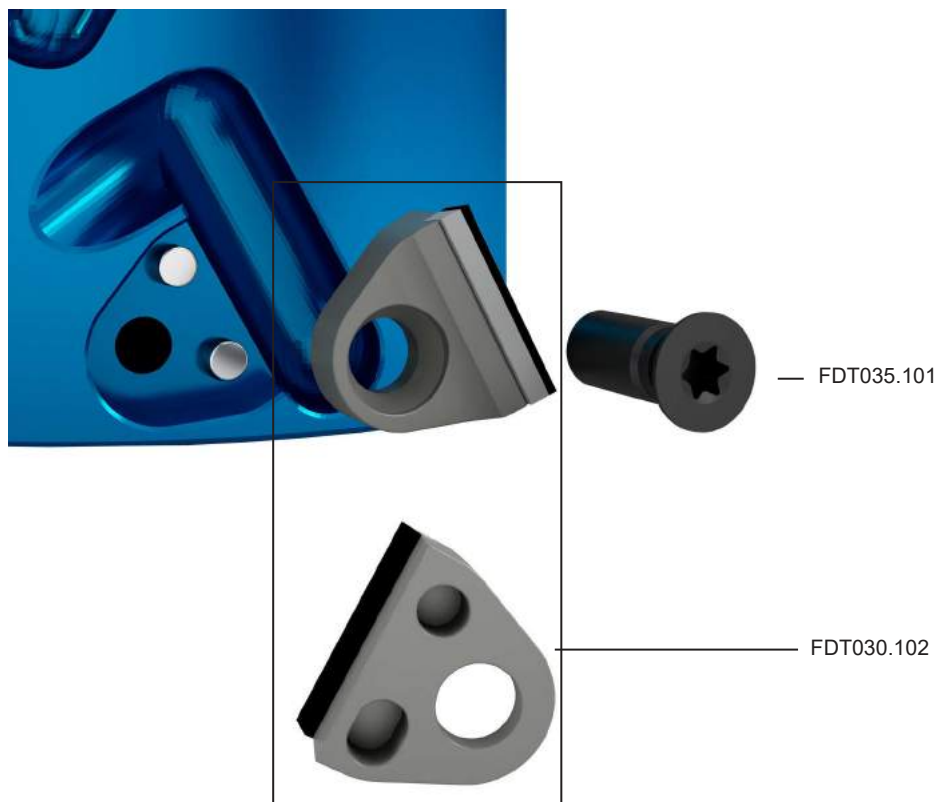


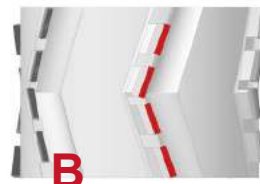
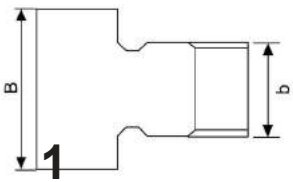
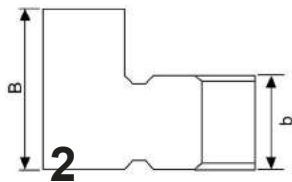
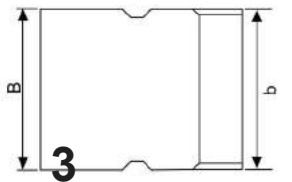
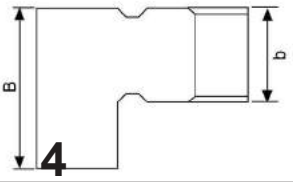
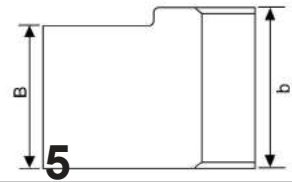
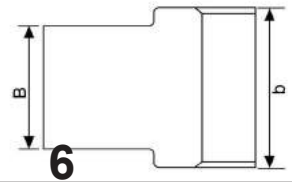
FDT035

Fresa elicoidale antischeggia al diamante in alluminio con inserti intercambiabili

Helical edgebanding anti-chipping tools

CODE	PARTI DI RICAMBIO SPARE PARTS		
FDT035.101	VITE / SCREW	M5X7	
FDT035.102	INSERTO / INSERT		



TIPO ASSIALITA' <i>Type axial</i>	 A	 B	 C
TIPO SCARICHI <i>Construction type</i>	 1	 2	 3
	 4	 5	 6

MACHINE	D	B mm	b mm	d mm	Z	TIPO ASSIALITA'	TIPO SCARICO
Biesse	80	38	53	30 DKN	3 + 3	B	6
Biesse	80	47	25	30 DKN	3 + 3	A	1
Biesse	80	47	53	30 DKN	3 + 3	B	6
Biesse	80	65	53	30 DKN	3 + 3	B	6
Ott	85	47	45	30 DKN	3 + 3	A	1
Ott	85	65	40,6	30 DKN	3 + 3	B	2
IMA, Brandt	100	29	31,6	30 DKN	3 + 3	A	6
Brandt	100	38	36	30 DKN	3 + 3	A	1
IMA	100	38	37,6	30 DKN	3 + 3	A	1
HolzHer up to 2008, SCM	100	47	25	30 DKN	2 + 2	C	1
IMA, Brandt, SCM-IDM, Biesse	100	47	40	30 DKN	3 + 3	A	1
IMA, Brandt, SCM-IDM, Biesse	100	47	40,6	30 DKN	3 + 3	A	2
EBM, Hebrock	100	47	61	30 DKN	2 + 2	A	5
Biesse	100	47	75	30 DKN	3 + 3	B	6
Cehisa	100	56	25	30 DKN	2 + 2	A	1
HolzHer up to 2008, SCM	100	65	25	30 DKN	2 + 2	C	1
IMA, Brandt, SCM-IDM	100	65	40,6	30 DKN	3 + 3	A	1
Brandt	100	65	40,6	30 DKN	3 + 3	A	2
SCM - Stefani	100	65	40,6	30 DKN	3 + 3	A	2
Biesse	100	65	75	30 DKN	3 + 3	B	6
HolzHer	100	83	25	30 DKN	2 + 2	C	1
Brandt	100	83	85	30 DKN	3 + 3	6	A
IMA, Biesse	125	38	34	30 DKN	3 + 3	A	1
HOMAG Optimat	125	38	36	30 DKN	3 + 3	A	1
HOMAG / Biesse	125	47	40	30 DKN	3 + 3	A	1
IMA	125	47	42	30 DKN	3 + 3	A	1
Biesse	125	47	47	30 DKN	3 + 3	B	3
HOMAG / Biesse	125	65	40	30 DKN	3 + 3	B	1
IMA, SCM - Stefani	125	65	40,6	30 DKN	3 + 3	A	2
Biesse	125	65	47	30 DKN	3 + 3	B	1

L' utensile FDT035 può essere integrato per l'utilizzo su macchine a controllo numerico.

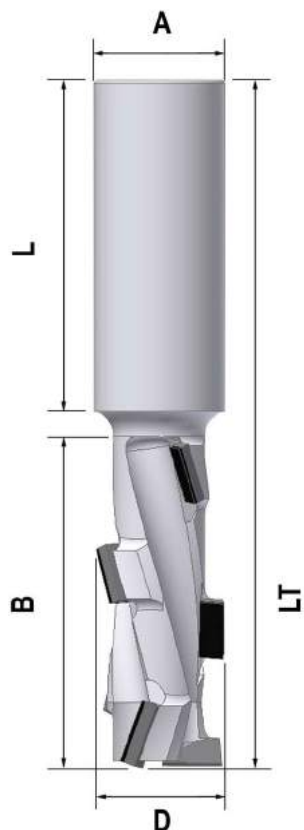
FDT035 the tool can be integrated for use on numerical control machines.



SEZIONE B
SECTION B



		Punta elicoidale al diamante Z1 H2,5 CNC Helical routerbit Z1 pcd H2,5	PDT010 pag.17
		Punta elicoidale al diamante Z1 H4 CNC Helical routerbit Z1 pcd H4	PDT015 pag.18
		Punta elicoidale al diamante Z2 H2,5 CNC Helical routerbit Z2 pcd H2,5	PDT020 pag.19
		Punta elicoidale al diamante Z2 H4 CNC Helical routerbit Z2 pcd H4	PDT025 pag.20
		Punta elicoidale per forte avanzamento Z3 H5 CNC Helical routerbit Z3 pcd H5 for quick feed	PDT030 pag.21
		Punta per incastri con corpo in HW Routerbit for joint on HW body	PDT035 pag.22
		Punta per nesting Z3 H3 - corpo in metallo pesante Routerbit for nesting Z3 H3 - heavy steel body	PDT040 pag.23
		Punta per nesting raggiata Routerbit for nesting with radius	PDT045 pag.24
		Punta elicoidale al diamante Z1 H4 - Assialità 54° CNC Helical routerbit Z1 pcd H4 - Axial 54°	PDT050 pag.25
		Punta elicoidale al diamante Z2 H4 - Assialità 54° CNC Helical routerbit Z2 pcd H4 - Axial 54°	PDT055 pag.26
		Punta al diamante per spianare H4 CNC Planing routerbit H4	PDT060 pag.27
		Punta per folding Routerbit for folding	PDT065 pag.28
		Punta per guide in alluminio Profiled routerbit for aluminium guides	PDT070 pag.29
		Punta per foratrice - cerniera Cylinder boring bit	PDT075 pag.30
		Punta per foratrice - foro passante Through bore drill	PDT080 pag.31
		Punta per foratrice - foro cieco Dead bore drill	PDT085 pag.32
		Punta ad elica per contornare - assialità 30° Dia routerbit routing - axial 30°	PDT090 pag.33
		Fresa pantografo per contornare - assialità 54° Dia routerbit routing - axial 54°	PDT095 pag.34

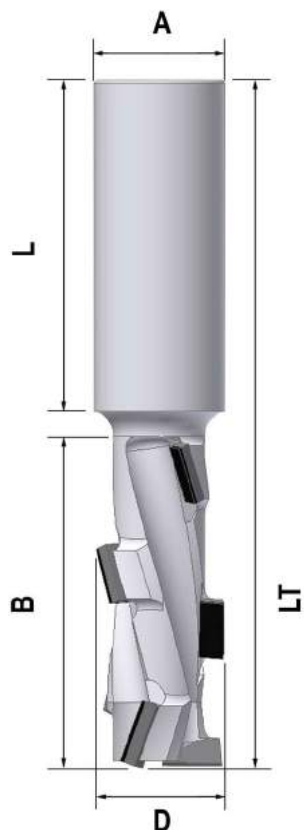


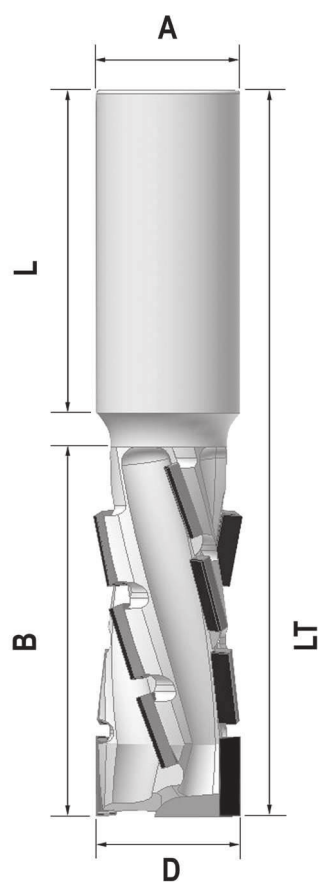
CODE		D mm	B mm	LT mm	A mm	L mm	Z=1+1 n° placchette
RIGHT Rot.	LEFT Rot.						
PDT010.001R	PDT010.001L	12	25	75	12	40	3+1HW
PDT010.002R	PDT010.002L	12	34	85	12	40	4+1HW
PDT010.003R	PDT010.003L	12	43	103	16	50	5+1HW
PDT010.004R	PDT010.004L	16	25	85	16	50	3+1HW
PDT010.005R	PDT010.005L	16	34	94	16	50	4+1HW
PDT010.006R	PDT010.006L	16	43	103	16	50	5+1HW
PDT010.007R	PDT010.007L	16	52	112	16	50	6+1HW
PDT010.008R	PDT010.008L	18	25	85	20	50	3+1HW
PDT010.009R	PDT010.009L	18	34	94	20	50	4+1HW
PDT010.010R	PDT010.010L	18	43	103	20	50	5+1HW
PDT010.011R	PDT010.011L	18	52	112	20	50	6+1HW
PDT010.012R	PDT010.012L	18	61	126	25	55	7+1HW
PDT010.013R	PDT010.013L	20	25	85	20	50	3+1HW
PDT010.014R	PDT010.014L	20	34	94	20	50	4+1HW
PDT010.015R	PDT010.015L	20	43	103	20	50	5+1HW
PDT010.016R	PDT010.016L	20	52	112	20	50	6+1HW
PDT010.017R	PDT010.017L	20	61	121	20	50	7+1HW
PDT010.018R	PDT010.018L	20	70	130	20	50	8+1HW
PDT010.019R	PDT010.019L	22	43	108	25	55	5+1HW
PDT010.020R	PDT010.020L	22	52	117	25	55	6+1HW
PDT010.021R	PDT010.021L	22	61	126	25	55	7+1HW
PDT010.022R	PDT010.022L	22	70	135	25	55	8+1HW
PDT010.023R	PDT010.023L	25	34	99	25	55	4+1HW
PDT010.024R	PDT010.024L	25	43	108	25	55	5+1HW
PDT010.025R	PDT010.025L	25	52	117	25	55	6+1HW
PDT010.026R	PDT010.026L	25	61	126	25	55	7+1HW





CODE		D mm	B mm	LT mm	A mm	L mm	Z=1+1 n° placchette
RIGHT Rot.	LEFT Rot.						
PDT015.001R	PDT015.001L	20	25	85	20	50	3+1HW
PDT015.002R	PDT015.002L	20	25	90	25	55	3+1HW
PDT015.003R	PDT015.003L	20	35	95	20	50	4+1HW
PDT015.004R	PDT015.004L	20	35	100	25	55	4+1HW
PDT015.005R	PDT015.005L	20	43	103	20	50	5+1HW
PDT015.006R	PDT015.006L	20	43	108	25	55	5+1HW
PDT015.007R	PDT015.007L	20	52	112	20	50	6+1HW
PDT015.008R	PDT015.008L	20	52	117	25	55	6+1HW
PDT015.009R	PDT015.009L	20	61	121	20	50	7+1HW
PDT015.010R	PDT015.010L	20	61	126	25	55	7+1HW
PDT015.011R	PDT015.011L	25	34	99	25	55	4+1HW
PDT015.012R	PDT015.012L	25	43	108	25	55	5+1HW
PDT015.013R	PDT015.013L	25	52	117	25	55	6+1HW
PDT015.014R	PDT015.014L	25	61	126	25	55	7+1HW



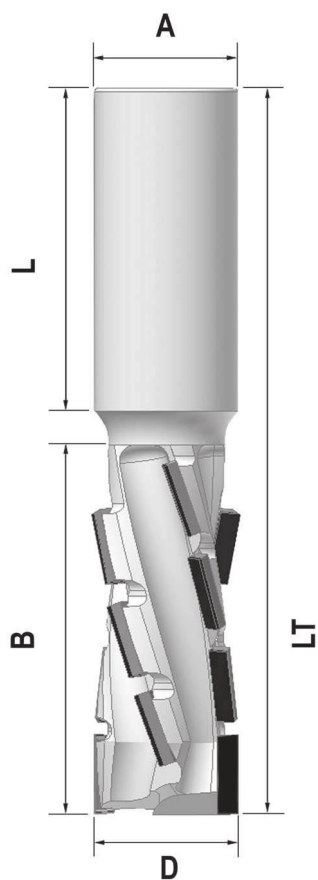


CODE		D mm	B mm	LT mm	A mm	L mm	Z=2+2 n° placchette
RIGHT Rot.	LEFT Rot.						
PDT020.001R	PDT020.001L	12	25	77	12	40	6+1HW
PDT020.002R	PDT020.002L	14	25	76	16	50	6+1HW
PDT020.003R	PDT020.003L	14	34	95	16	50	8+1HW
PDT020.004R	PDT020.004L	16	25	85	20	50	6+1HW
PDT020.005R	PDT020.005L	16	34	95	20	50	8+1HW
PDT020.006R	PDT020.006L	16	43	103	20	50	10+1HW
PDT020.007R	PDT020.007L	16	52	112	20	50	12+1HW
PDT020.008R	PDT020.008L	18	25	85	20	50	6+1HW
PDT020.009R	PDT020.009L	18	34	95	20	50	8+1HW
PDT020.010R	PDT020.010L	18	43	103	20	50	10+1HW
PDT020.011R	PDT020.011L	18	52	112	20	50	12+1HW
PDT020.012R	PDT020.012L	18	61	121	20	50	14+1HW
PDT020.013R	PDT020.013L	20	25	85	20	50	6+1HW
PDT020.014R	PDT020.014L	20	34	95	20	50	8+1HW
PDT020.015R	PDT020.015L	20	43	103	20	50	10+1HW
PDT020.016R	PDT020.016L	20	52	112	20	50	12+1HW
PDT020.017R	PDT020.017L	20	61	121	20	50	14+1HW
PDT020.018R	PDT020.018L	20	70	130	20	50	16+1HW
PDT020.019R	PDT020.019L	25	25	90	25	55	6+1HW
PDT020.020R	PDT020.020L	25	34	100	25	55	8+1HW
PDT020.021R	PDT020.021L	25	43	108	25	55	10+1HW
PDT020.022R	PDT020.022L	25	52	117	25	55	12+1HW
PDT020.023R	PDT020.023L	25	61	126	25	55	14+1HW
PDT020.024R	PDT020.024L	25	70	135	25	55	16+1HW



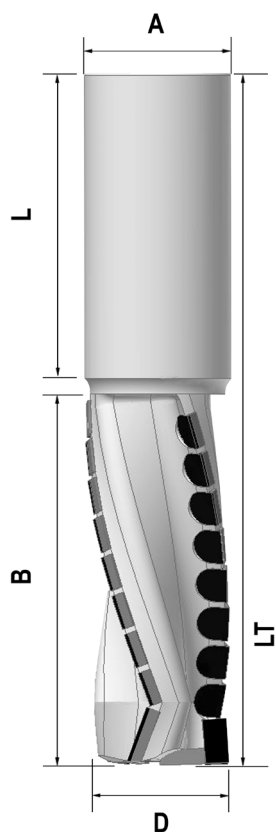


CODE		D mm	B mm	LT mm	A mm	L mm	Z=2+2 n° placchette
RIGHT Rot.	LEFT Rot.						
PDT025.001R	PDT025.001L	18	25	85	20	50	6+1HW
PDT025.002R	PDT025.002L	18	34	95	20	50	8+1HW
PDT025.003R	PDT025.003L	18	43	103	20	50	10+1HW
PDT025.004R	PDT025.004L	20	25	85	20	50	6+1HW
PDT025.005R	PDT025.005L	20	34	95	20	50	8+1HW
PDT025.006R	PDT025.006L	20	43	103	20	50	10+1HW
PDT025.007R	PDT025.007L	20	52	112	20	50	12+1HW
PDT025.008R	PDT025.008L	25	25	90	25	55	6+1HW
PDT025.009R	PDT025.009L	25	34	100	25	55	8+1HW
PDT025.010R	PDT025.010L	25	43	108	25	55	10+1HW
PDT025.011R	PDT025.011L	25	52	117	25	55	12+1HW
PDT025.012R	PDT025.012L	25	61	126	25	55	14+1HW
PDT025.013R	PDT025.013L	25	70	135	25	55	16+1HW





CODE		D mm	B mm	LT mm	A mm	L mm	Z=3 n° placchette
RIGHT RoT.	LEFT RoT.						
PDT030.001R	PDT030.001L	22	28	95	20	55	12 + 1 HW
PDT030.002R	PDT030.002L	22	28	95	25	55	12 + 1 HW
PDT030.003R	PDT030.003L	22	35	95	20	55	15 + 1 HW
PDT030.004R	PDT030.004L	22	35	95	25	55	15 + 1 HW
PDT030.005R	PDT030.005L	22	42	105	20	55	18 + 1 HW
PDT030.006R	PDT030.006L	22	42	105	25	55	18 + 1 HW
PDT030.007R	PDT030.007L	22	49	110	25	55	21 + 1 HW
PDT030.008R	PDT030.008L	25	35	105	25	55	15 + 1 HW
PDT030.009R	PDT030.009L	25	42	105	25	55	18 + 1 HW
PDT030.010R	PDT030.010L	25	49	115	25	55	21 + 1 HW
PDT030.011R	PDT030.011L	25	63	125	25	55	27 + 1 HW
PDT030.012R	PDT030.012L	25	70	135	25	55	30 + 1 HW



Si consiglia l'utilizzo della punta PDT030 in abbinato con i Vortici VRT010 / VRT015.
Vedi pag. 83 / 84

We recommend the use of the routerbit PDT030 combined with Vortex VRT010 / VRT015.
See page 83 / 84

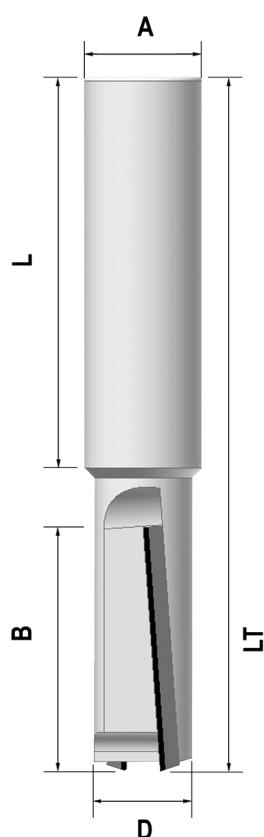
VRT010



VRT015



Routerbit for joint on HW body

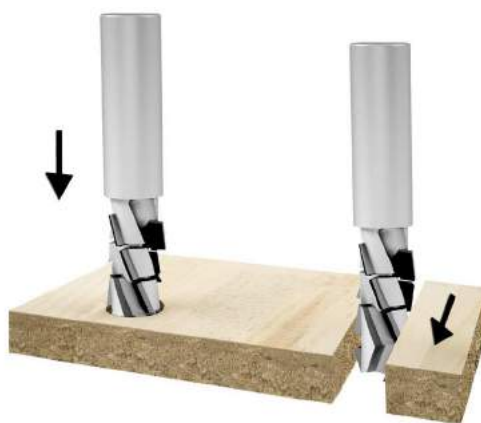
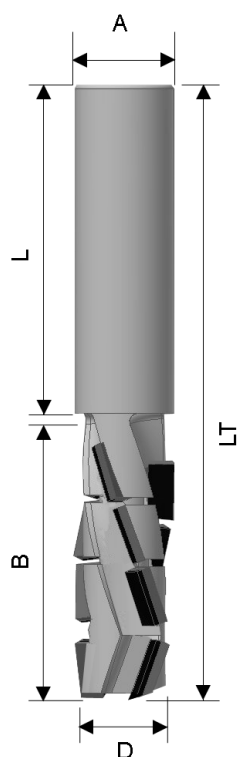


CODE	D mm	B mm	LT mm	A mm	L mm	Z
PDT035.001	5	10	70	6	40	1+1HW
PDT035.002	6	10	70	6	40	1+1HW
PDT035.003	7	10	70	8	40	1+1HW
PDT035.004	8	10	70	10	40	1+1HW
PDT035.005	8	13	70	10	40	1+1HW
PDT035.006	8	16	70	10	40	1+1HW
PDT035.007	8	20	70	10	40	1+1HW
PDT035.008	10	10	70	10	40	1+1HW
PDT035.009	10	10	70	10	40	2+1HW
PDT035.010	10	13	70	10	40	1+1HW
PDT035.011	10	13	70	10	40	2+1HW
PDT035.012	10	16	70	10	40	1+1HW
PDT035.013	10	16	70	10	40	2+1HW
PDT035.014	10	20	70	10	40	1+1HW
PDT035.015	10	20	70	10	40	2+1HW
PDT035.016	10	25	70	10	40	1+1HW
PDT035.017	10	25	70	10	40	2+1HW
PDT035.018	12	10	70	12	40	1+1HW
PDT035.019	12	10	70	12	40	2+1HW
PDT035.020	12	13	70	12	40	1+1HW
PDT035.021	12	13	70	12	40	2+1HW
PDT035.022	12	16	70	12	40	1+1HW
PDT035.023	12	16	70	12	40	2+1HW
PDT035.024	12	20	70	12	40	2+1HW
PDT035.025	12	20	70	12	40	2+1HW
PDT035.026	12	25	70	12	40	2+1HW
PDT035.027	12	35	70	12	40	2+1HW





CODE		D mm	B mm	LT mm	A mm	L mm	Z
RIGHT RoT.	LEFT RoT.						
PDT040.001R	PDT040.001L	12	21	70	12	40	3 + 1 PCD
PDT040.002R	PDT040.002L	12	21	70	16	40	3 + 1 PCD
PDT040.003R	PDT040.003L	12	21	70	20	40	3 + 1 PCD
PDT040.004R	PDT040.004L	12	25	75	12	40	3 + 1 PCD
PDT040.005R	PDT040.005L	12	25	75	16	40	3 + 1 PCD
PDT040.006R	PDT040.006L	12	25	75	20	40	3 + 1 PCD
PDT040.007R	PDT040.007L	12	27	75	12	40	3 + 1 PCD
PDT040.008R	PDT040.008L	12	27	75	16	40	3 + 1 PCD
PDT040.009R	PDT040.009L	12	27	75	20	40	3 + 1 PCD
PDT040.010R	PDT040.010L	12	33	75	12	40	3 + 1 PCD
PDT040.011R	PDT040.011L	12	33	75	16	40	3 + 1 PCD
PDT040.012R	PDT040.012L	12	33	75	20	40	3 + 1 PCD
PDT040.013R	PDT040.013L	14	27	75	12	40	3 + 1 PCD
PDT040.014R	PDT040.014L	14	27	75	16	40	3 + 1 PCD
PDT040.015R	PDT040.015L	14	33	75	20	40	3 + 1 PCD
PDT040.016R	PDT040.016L	14	33	75	12	40	3 + 1 PCD
PDT040.017R	PDT040.017L	16	37	80	16	40	3 + 1 PCD
PDT040.018R	PDT040.018L	16	37	75	20	40	3 + 1 PCD



Si consiglia l'utilizzo della punta PDT040 in abbinato con i Vortici VRT010 / VRT015 .
Vedi pag. 83 / 84

We recommend the use of the routerbit PDT040 combined with Vortex VRT010 / VRT015.
See page 83 / 84

VRT010



VRT015

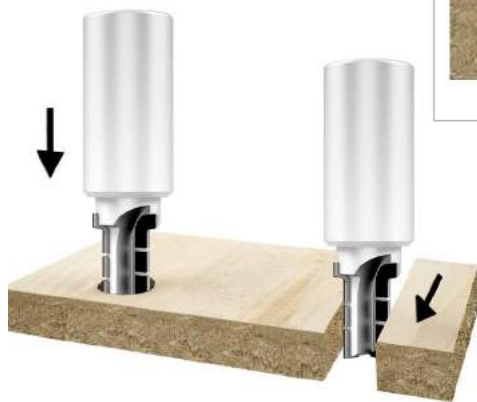
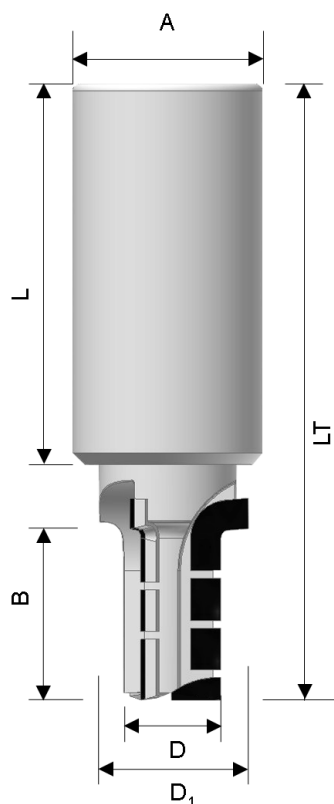
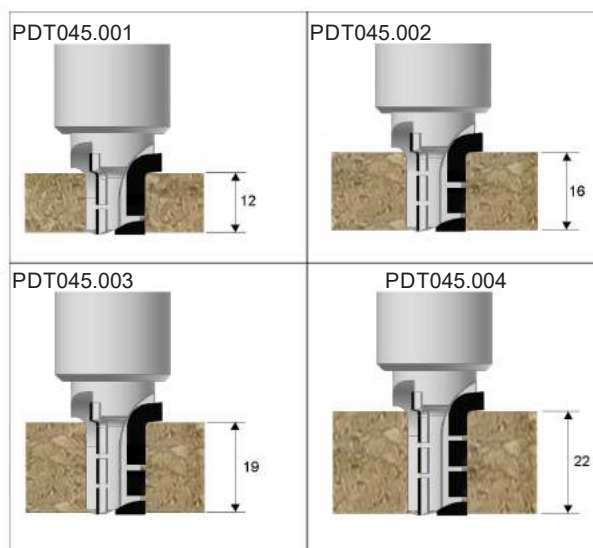


Routerbit for nesting with radius



CODE		D	D ₁	B	LT	A	L	Z
RIGHT RoT.	LEFT RoT.	mm	mm	mm	mm	mm	mm	
PDT045.001R	PDT045.001L	12	20	12.3	80	18	50	3 + 1 PCD
PDT045.002R	PDT045.002L	12	20	12.3	80	25	50	3 + 1 PCD
PDT045.003R	PDT045.003L	12	20	16.3	80	18	50	3 + 1 PCD
PDT045.004R	PDT045.004L	12	20	16.3	80	25	50	3 + 1 PCD
PDT045.005R	PDT045.005L	12	20	19.3	80	18	50	3 + 1 PCD
PDT045.006R	PDT045.006L	12	20	19.3	80	25	50	3 + 1 PCD
PDT045.007R	PDT045.007L	12	20	22.3	80	18	50	3 + 1 PCD
PDT045.008R	PDT045.008L	12	20	22.3	80	25	50	3 + 1 PCD

Esempi di lavorazione
Working example



Si consiglia l'utilizzo della punta PDT045 in abbinato con i Vortici VRT010 / VRT015.
Vedi pag. 83 / 84

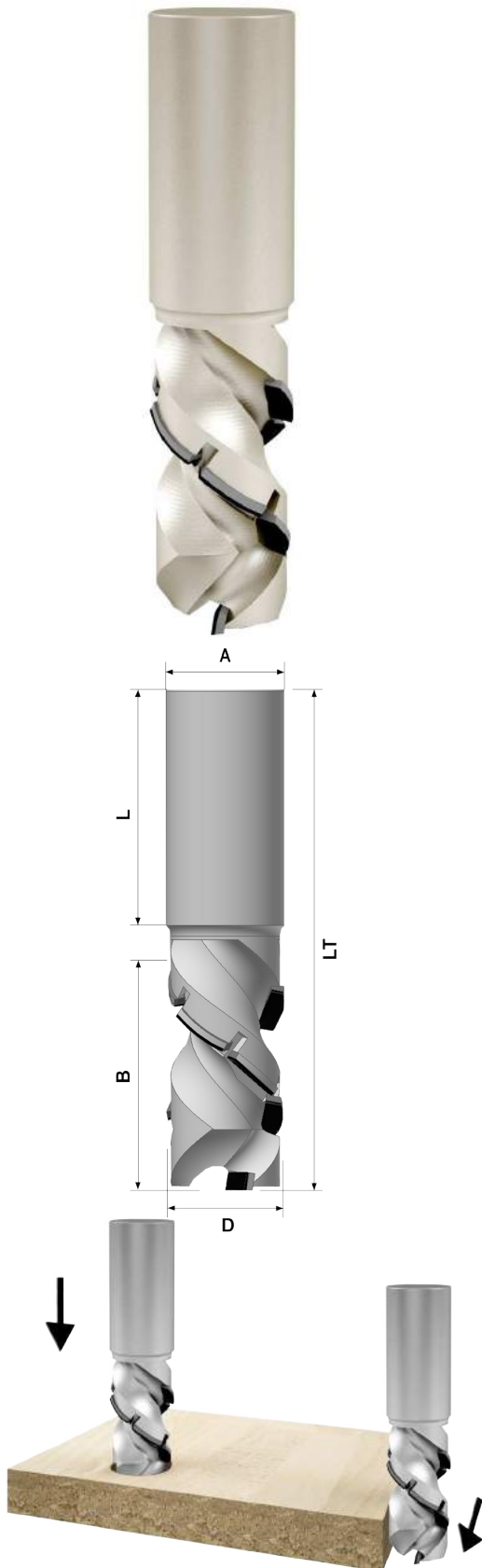
We recommend the use of the routerbit PDT045 combined with Vortex VRT010 / VRT015.
See page 83 / 84

VRT010



VRT015



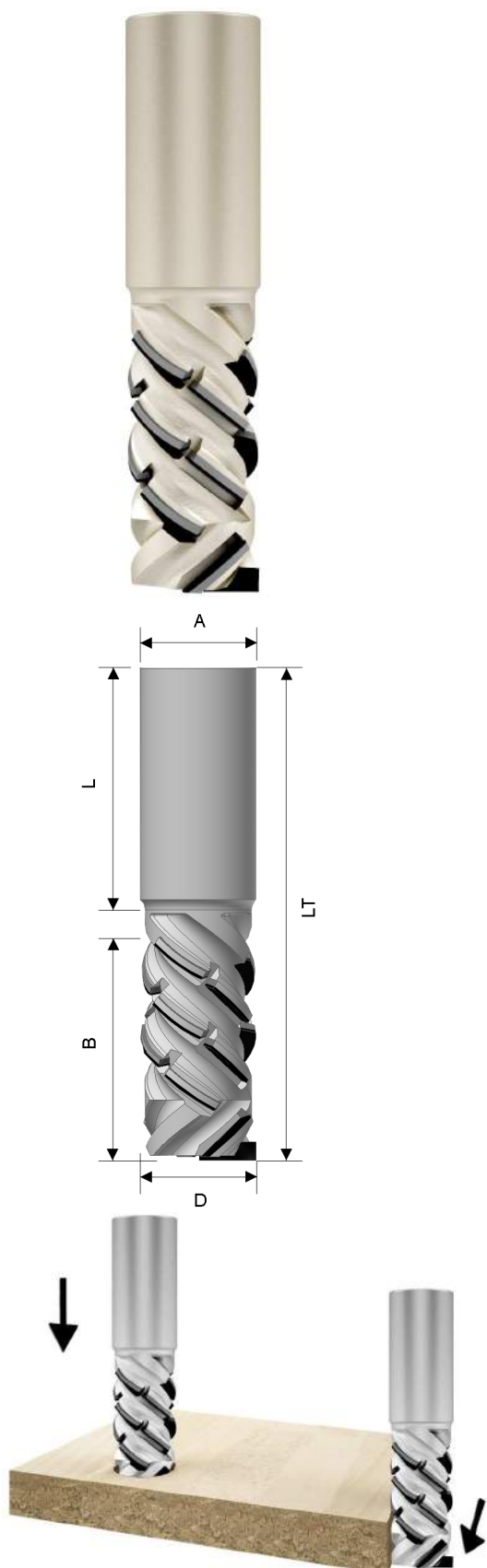


CODE		D mm	B mm	LT mm	A mm	L mm	Z=1 n° placch.
RIGHT Rot.	LEFT Rot.						
PDT050.001R	PDT050.001L	18	15	80	20	50	6 + 1 PCD
PDT050.002R	PDT050.002L	18	20	85	20	50	6 + 1 PCD
PDT050.003R	PDT050.003L	18	25	90	20	50	8 + 1 PCD
PDT050.004R	PDT050.004L	18	30	95	20	50	8 + 1 PCD
PDT050.005R	PDT050.005L	18	35	100	20	50	10 + 1 PCD
PDT050.006R	PDT050.006L	18	40	105	20	50	10 + 1 PCD
PDT050.007R	PDT050.007L	18	45	110	20	50	12 + 1 PCD
PDT050.008R	PDT050.008L	20	15	80	20	50	12 + 1 PCD
PDT050.009R	PDT050.009L	20	20	85	20	50	14 + 1 PCD
PDT050.010R	PDT050.010L	20	25	90	20	50	14 + 1 PCD
PDT050.011R	PDT050.011L	20	30	95	20	50	16 + 1 PCD
PDT050.012R	PDT050.012L	20	35	100	20	50	16 + 1 PCD
PDT050.013R	PDT050.013L	20	40	105	20	50	18 + 1 PCD
PDT050.014R	PDT050.014L	20	45	105	20	50	18 + 1 PCD
PDT050.015R	PDT050.015L	22	15	80	20	50	6 + 1 PCD
PDT050.016R	PDT050.016L	22	15	80	25	50	6 + 1 PCD
PDT050.017R	PDT050.017L	22	20	85	20	50	8 + 1 PCD
PDT050.018R	PDT050.018L	22	20	85	25	50	8 + 1 PCD
PDT050.019R	PDT050.019L	22	25	90	20	50	10 + 1 PCD
PDT050.020R	PDT050.020L	22	25	90	25	50	10 + 1 PCD
PDT050.021R	PDT050.021L	22	30	95	20	50	12 + 1 PCD
PDT050.022R	PDT050.022L	22	30	95	25	50	12 + 1 PCD
PDT050.023R	PDT050.023L	22	35	100	20	50	14 + 1 PCD
PDT050.024R	PDT050.024L	22	35	100	25	50	14 + 1 PCD
PDT050.025R	PDT050.025L	22	40	105	20	50	16 + 1 PCD
PDT050.026R	PDT050.026L	22	40	105	25	50	16 + 1 PCD
PDT050.027R	PDT050.027L	22	45	110	20	50	18 + 1 PCD
PDT050.028R	PDT050.028L	22	45	110	25	50	18 + 1 PCD
PDT050.029R	PDT050.029L	22	50	115	20	50	20 + 1 PCD
PDT050.030R	PDT050.030L	22	50	115	25	50	20 + 1 PCD
PDT050.031R	PDT050.031L	25	15	80	25	50	6 + 1 PCD
PDT050.032R	PDT050.032L	25	20	85	25	50	8 + 1 PCD
PDT050.033R	PDT050.033L	25	25	90	25	50	10 + 1 PCD
PDT050.034R	PDT050.034L	25	30	95	25	50	12 + 1 PCD
PDT050.035R	PDT050.035L	25	35	100	25	50	14 + 1 PCD
PDT050.036R	PDT050.036L	25	40	105	25	50	16 + 1 PCD
PDT050.037R	PDT050.037L	25	45	110	25	50	18 + 1 PCD
PDT050.038R	PDT050.038L	25	50	115	25	50	20 + 1 PCD
PDT050.039R	PDT050.039L	25	55	120	25	50	22 + 1 PCD
PDT050.040R	PDT050.040L	25	60	125	25	50	24 + 1 PCD
PDT050.041R	PDT050.041L	25	65	130	25	50	26 + 1 PCD

Ottima finitura senza scheggiature sul pannello con le nuove frese ad assialità 54°.
Massime prestazioni: maggiore durata dell' utensile, abbattimento rumore, minore sforzo di taglio, minore rigonfiamento del pannello al suo interno, fresa utilizzabile su qualsiasi tipologia di pannello, legno e derivati.
Ottima finitura su materiali con: massello a fibra lunga, laminati soggetti a scheggiature, pellicole di rivestimento, rivestimenti melaminici o carte molto sottili.

*Axial cutting edge extreme for excellent finish panel :
Longer tool life, noise abatement, less cutting effort, cutter used on any type of panel, wood and derivatives;
Excellent finishing cut on materials with: melamine, paper very thin, laminate material subject to chipping, film coating, solid wood long-fiber.*

CNC Helical routerbit Z2 pcd H4 - axial 54°



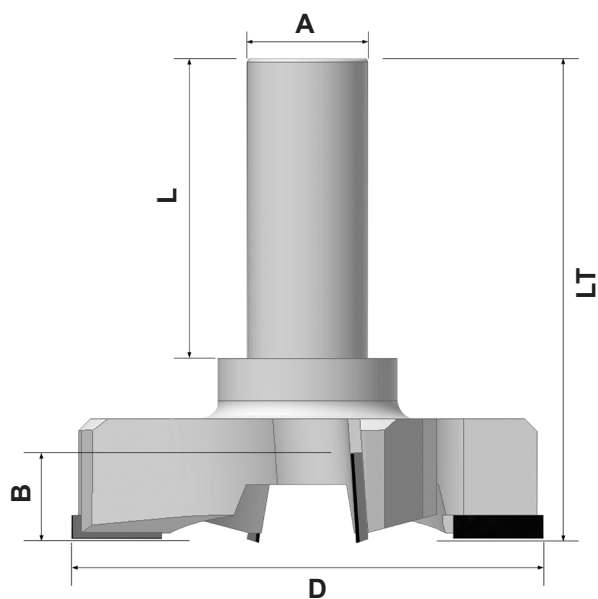
CODE		D	B	LT	A	L	Z=2
RIGHT Rot.	LEFT Rot.	mm	mm	mm	mm	mm	n° placch.
PDT055.001R	PDT055.001L	20	15	80	20	50	6 + 1 PCD
PDT055.002R	PDT055.002L	20	15	80	25	50	6 + 1 PCD
PDT055.003R	PDT055.003L	20	20	85	20	50	8 + 1 PCD
PDT055.004R	PDT055.004L	20	20	85	25	50	8 + 1 PCD
PDT055.005R	PDT055.005L	20	25	90	20	50	10 + 1 PCD
PDT055.006R	PDT055.006L	20	25	90	25	50	10 + 1 PCD
PDT055.007R	PDT055.007L	20	30	95	20	50	12 + 1 PCD
PDT055.008R	PDT055.008L	20	30	95	25	50	12 + 1 PCD
PDT055.009R	PDT055.009L	20	35	100	20	50	14 + 1 PCD
PDT055.010R	PDT055.010L	20	35	100	25	50	14 + 1 PCD
PDT055.011R	PDT055.011L	20	40	105	20	50	16 + 1 PCD
PDT055.012R	PDT055.012L	20	40	105	25	50	16 + 1 PCD
PDT055.013R	PDT055.013L	20	45	110	20	50	18 + 1 PCD
PDT055.014R	PDT055.014L	20	45	110	25	50	18 + 1 PCD
PDT055.015R	PDT055.015L	22	15	80	20	50	6 + 1 PCD
PDT055.016R	PDT055.016L	22	15	80	25	50	6 + 1 PCD
PDT055.017R	PDT055.017L	22	20	85	20	50	8 + 1 PCD
PDT055.018R	PDT055.018L	22	20	85	25	50	8 + 1 PCD
PDT055.019R	PDT055.019L	22	25	90	20	50	10 + 1 PCD
PDT055.020R	PDT055.020L	22	25	90	25	50	10 + 1 PCD
PDT055.021R	PDT055.021L	22	30	95	20	50	12 + 1 PCD
PDT055.022R	PDT055.022L	22	30	95	25	50	12 + 1 PCD
PDT055.023R	PDT055.023L	22	35	100	20	50	14 + 1 PCD
PDT055.024R	PDT055.024L	22	35	100	25	50	14 + 1 PCD
PDT055.025R	PDT055.025L	22	40	105	20	50	16 + 1 PCD
PDT055.026R	PDT055.026L	22	40	105	25	50	16 + 1 PCD
PDT055.027R	PDT055.027L	22	45	110	20	50	18 + 1 PCD
PDT055.028R	PDT055.028L	22	45	110	25	50	18 + 1 PCD
PDT055.029R	PDT055.029L	22	50	115	20	50	20 + 1 PCD
PDT055.030R	PDT055.030L	22	50	115	25	50	20 + 1 PCD
PDT055.031R	PDT055.031L	25	15	80	25	50	6 + 1 PCD
PDT055.032R	PDT055.032L	25	20	85	25	50	8 + 1 PCD
PDT055.033R	PDT055.033L	25	25	90	25	50	10 + 1 PCD
PDT055.034R	PDT055.034L	25	30	95	25	50	12 + 1 PCD
PDT055.035R	PDT055.035L	25	35	100	25	50	14 + 1 PCD
PDT055.036R	PDT055.036L	25	40	105	25	50	16 + 1 PCD
PDT055.037R	PDT055.037L	25	45	110	25	50	18 + 1 PCD
PDT055.038R	PDT055.038L	25	50	115	25	50	20 + 1 PCD
PDT055.039R	PDT055.039L	25	55	120	25	50	22 + 1 PCD
PDT055.040R	PDT055.040L	25	60	125	25	50	24 + 1 PCD
PDT055.041R	PDT055.041L	25	65	130	25	50	26 + 1 PCD

Ottima finitura senza scheggiature sul pannello con le nuove frese ad assialità 54°.
Massime prestazioni: maggiore durata dell' utensile, abbattimento rumore, minore sforzo di taglio, minore rigonfiamento del pannello al suo interno, fresa utilizzabile su qualsiasi tipologia di pannello, legno e derivati.
Ottima finitura su materiali con: massello a fibra lunga, laminati soggetti a scheggiature, pellicole di rivestimento, rivestimenti melaminici o carte molto sottili.

*Axial cutting edge extreme for excellent finish panel :
Longer tool life, noise abatement, less cutting effort, cutter used on any type of panel, wood and derivatives.
Excellent finishing cut on materials with: melamine, paper very thin, laminate material subject to chipping, film coating, solid wood long-fiber.*

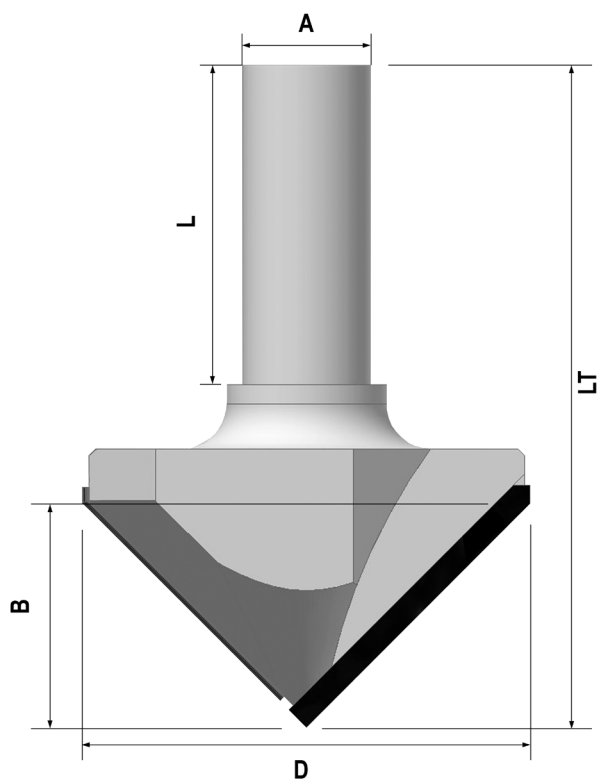


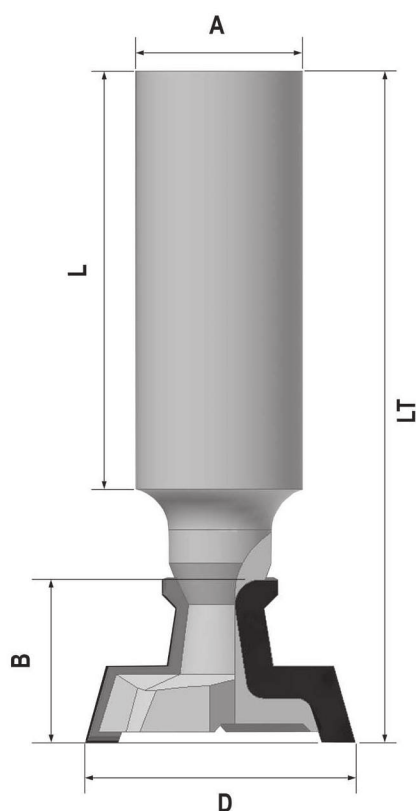
CODE	D mm	B mm	LT mm	A mm	L mm	Z
PDT060.001	40	15	75	20	50	2 + 2
PDT060.002	60	15	75	20	50	2 + 2
PDT060.003	80	15	75	20	50	2 + 2



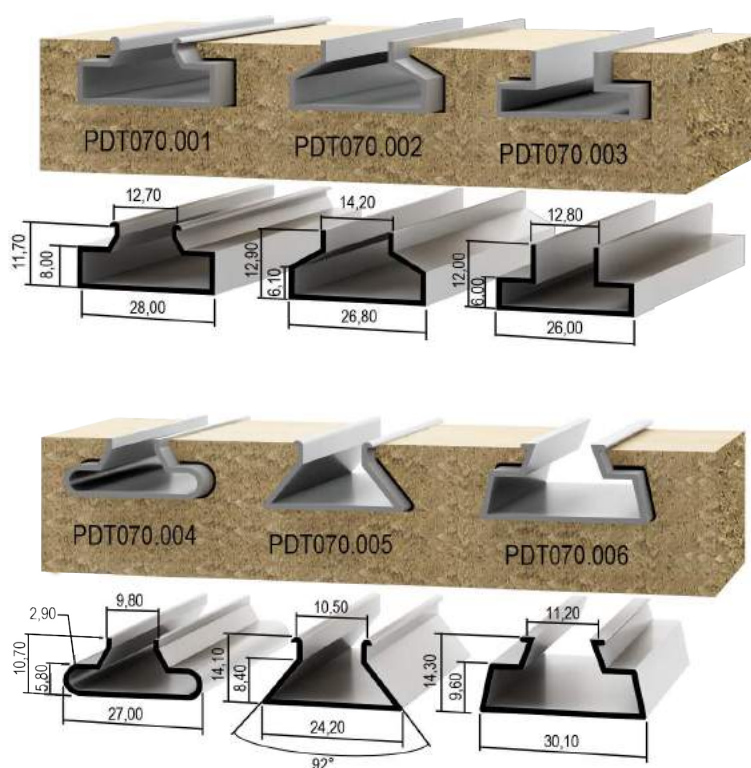


CODE	D mm	B mm	LT mm	A mm	L mm	Z
PDT065.001	48	24	90	20	50	1 + 1
PDT065.002	65	32,5	95	20	50	1 + 1

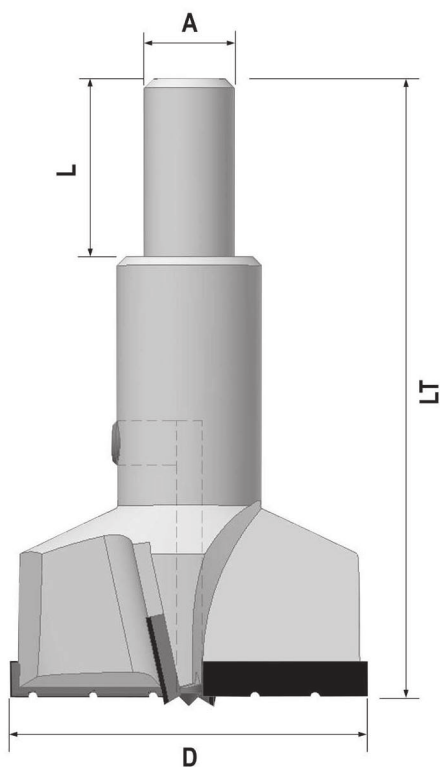




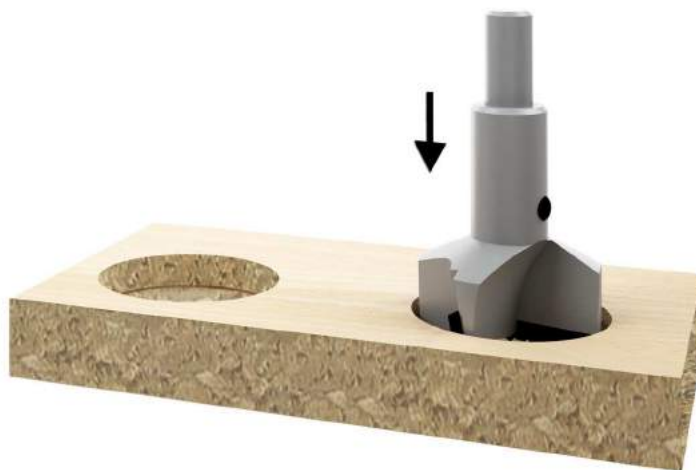
CODE	D mm	B mm	LT mm	A mm	L mm	Z
PDT070.001	27,9	15,2	75	20	50	2
PDT070.002	27,3	16	75	20	50	2
PDT070.003	29	15,2	75	20	50	2
PDT070.004	28	13,7	75	20	50	2
PDT070.005	25,9	17	75	20	50	2
PDT070.006	32,7	16,8	75	20	50	2



Cylinder boring bit

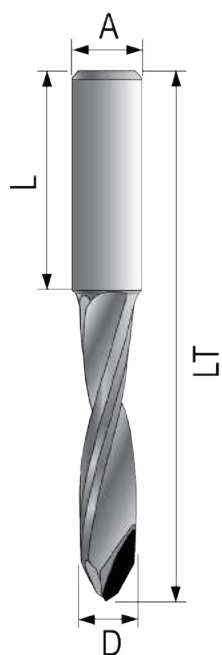


CODE		D mm	LT mm	A mm	L mm	Z
RIGHT RoT.	LEFT RoT.					
PDT075.001R	PDT075.001L	14	57,5	10	20	2 + 2
PDT075.002R	PDT075.002L	15	57,5	10	20	2 + 2
PDT075.003R	PDT075.003L	16	57,5	10	20	2 + 2
PDT075.004R	PDT075.004L	18	57,5	10	20	2 + 2
PDT075.005R	PDT075.005L	20	57,5	10	20	2 + 2
PDT075.006R	PDT075.006L	22	57,5	10	20	2 + 2
PDT075.007R	PDT075.007L	24	57,5	10	20	2 + 2
PDT075.008R	PDT075.008L	25	57,5	10	20	2 + 2
PDT075.009R	PDT075.009L	26	57,5	10	20	2 + 2
PDT075.010R	PDT075.010L	28	57,5	10	20	2 + 2
PDT075.011R	PDT075.011L	30	57,5	10	20	2 + 2
PDT075.012R	PDT075.012L	32	57,5	10	20	2 + 2
PDT075.013R	PDT075.013L	35	57,5	10	20	2 + 2
PDT075.014R	PDT075.014L	38	57,5	10	20	2 + 2
PDT075.015R	PDT075.015L	40	57,5	10	20	2 + 2
PDT075.016R	PDT075.016L	14	70	10	20	2 + 2
PDT075.017R	PDT075.017L	15	70	10	20	2 + 2
PDT075.018R	PDT075.018L	16	70	10	20	2 + 2
PDT075.019R	PDT075.019L	18	70	10	20	2 + 2
PDT075.020R	PDT075.020L	20	70	10	20	2 + 2
PDT075.021R	PDT075.021L	22	70	10	20	2 + 2
PDT075.022R	PDT075.022L	24	70	10	20	2 + 2
PDT075.023R	PDT075.023L	25	70	10	20	2 + 2
PDT075.024R	PDT075.024L	26	70	10	20	2 + 2
PDT075.025R	PDT075.025L	28	70	10	20	2 + 2
PDT075.026R	PDT075.026L	30	70	10	20	2 + 2
PDT075.027R	PDT075.027L	32	70	10	20	2 + 2
PDT075.028R	PDT075.028L	35	70	10	20	2 + 2
PDT075.029R	PDT075.029L	38	70	10	20	2 + 2
PDT075.030R	PDT075.030L	40	70	10	20	2 + 2



Through bore drill

CODE		D mm	LT mm	A mm	L mm	Z
RIGHT RoT.	LEFT RoT.					
PDT080.001R	PDT080.001L	5	57.5	10	20	2
PDT080.002R	PDT080.002L	6	57.5	10	20	2
PDT080.003R	PDT080.003L	7	57.5	10	20	2
PDT080.004R	PDT080.004L	8	57.5	10	20	2
PDT080.005R	PDT080.005L	9	57.5	10	20	2
PDT080.006R	PDT080.006L	10	57.5	10	20	2
PDT080.007R	PDT080.007L	12	57.5	10	20	2
PDT080.008R	PDT080.008L	5	70	10	20	2
PDT080.009R	PDT080.009L	6	70	10	20	2
PDT080.010R	PDT080.010L	7	70	10	20	2
PDT080.011R	PDT080.011L	8	70	10	20	2
PDT080.012R	PDT080.012L	9	70	10	20	2
PDT080.013R	PDT080.013L	10	70	10	20	2
PDT080.014R	PDT080.014L	12	70	10	20	2



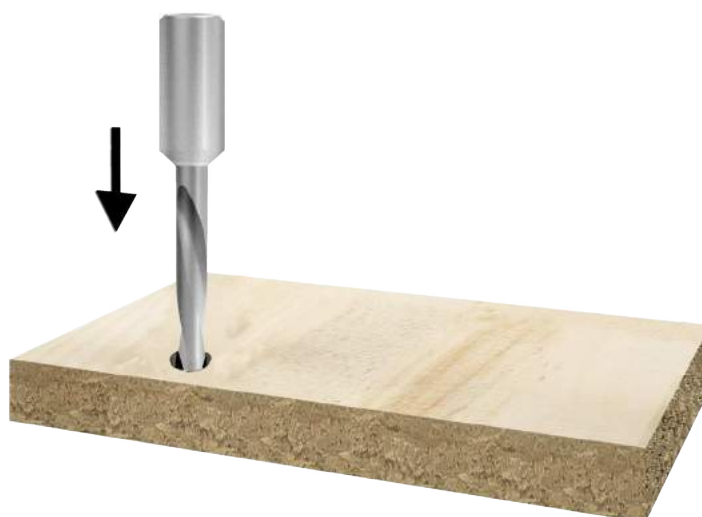
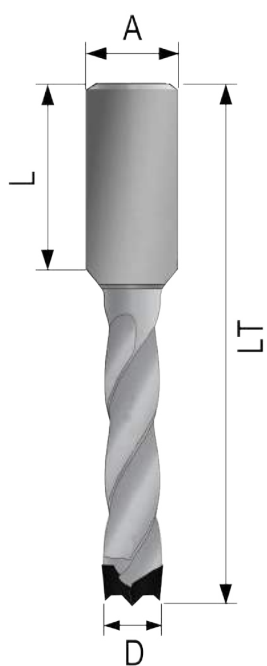
PDT085

Punta per foratrice - foro cieco

Dead bore drill

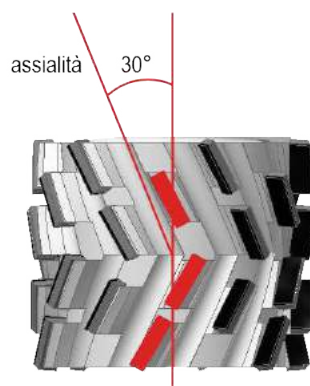
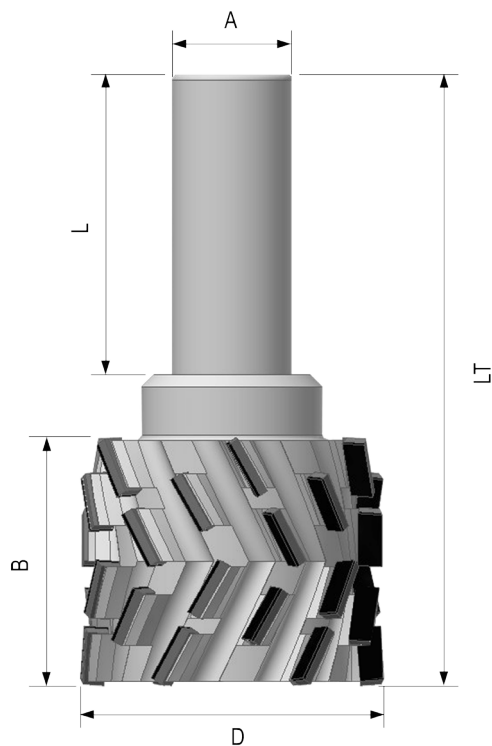


CODE		D mm	LT mm	A mm	L mm	Z
RIGHT RoT.	LEFT RoT.					
PDT085.001R	PDT085.001L	5	57.5	10	20	2
PDT085.002R	PDT085.002L	6	57.5	10	20	2
PDT085.003R	PDT085.003L	7	57.5	10	20	2
PDT085.004R	PDT085.004L	8	57.5	10	20	2
PDT085.005R	PDT085.005L	9	57.5	10	20	2
PDT085.006R	PDT085.006L	10	57.5	10	20	2
PDT085.007R	PDT085.007L	12	57.5	10	20	2
PDT085.008R	PDT085.008L	5	70	10	20	2
PDT085.009R	PDT085.009L	6	70	10	20	2
PDT085.010R	PDT085.010L	7	70	10	20	2
PDT085.011R	PDT085.011L	8	70	10	20	2
PDT085.012R	PDT085.012L	9	70	10	20	2
PDT085.013R	PDT085.013L	10	70	10	20	2
PDT085.014R	PDT085.014L	12	70	10	20	2





CODE	D mm	B mm	LT mm	A mm	L mm	Z
PDT090.001	50	25	85	20	50	4 + 4
PDT090.002	50	25	90	25	60	4 + 4
PDT090.003	50	25	95	20	50	4 + 4
PDT090.004	50	35	95	25	60	4 + 4
PDT090.005	50	45	105	20	50	4 + 4
PDT090.006	50	45	105	25	60	4 + 4
PDT090.007	50	55	115	20	50	4 + 4
PDT090.008	50	55	115	25	60	4 + 4
PDT090.009	60	50	125	20	50	4 + 4
PDT090.010	60	50	125	25	60	4 + 4



Dia routerbit routing - axial 54°



CODE		D mm	B mm	LT mm	A mm	L mm	Z
RIGHT RoT.	LEFT RoT.						
PDT095.001R	PDT095.001L	50	30	90	20	50	3 + 3
PDT095.002R	PDT095.002L	80	30	95	25	55	3 + 3
PDT095.003R	PDT095.003L	50	50	110	20	50	3 + 3
PDT095.004R	PDT095.004L	80	50	115	25	55	3 + 3
PDT095.005R	PDT095.005L	80	60	125	25	55	3 + 3
PDT095.006R	PDT095.006L	80	65	130	25	55	3 + 3

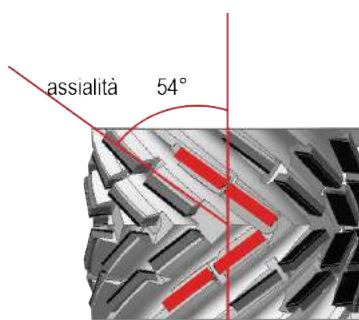
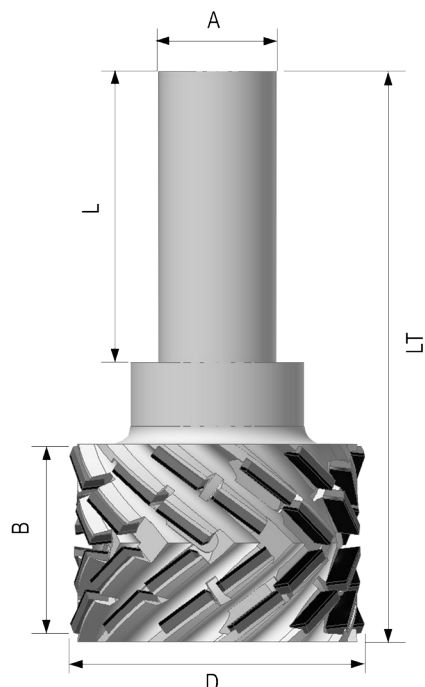
Ottima finitura senza scheggiature sul pannello con le nuove frese ad assialità 54°.

Massime prestazioni:

- maggiore durata dell' utensile;
- abbattimento rumore;
- minore sforzo di taglio;
- minore rigonfiamento del pannello al suo interno;
- fresa utilizzabile su qualsiasi tipologia di pannello, legno e derivati;
- ottima finitura su materiali con: massello a fibra lunga, laminatini soggetti a scheggiature, pellicole di rivestimento, rivestimenti melaminici o carte molto sottili.

Axial cutting edge extreme for excellent finish panel

- Longer tool life;
- noise abatement;
- less cutting effort;
- cutter used on any type of panel, wood and derivatives;
- excellent finishing cut on materials with: melamine, paper very thin, laminate material subject to chipping, film coating, solid wood long-fiber.



FRESE SAGOMATE
PROFIED ROUTERBIT

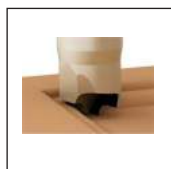
SEZIONE C
SECTION C





Punta sagomate speciale con profilo a richiesta
Profiled routerbit as sample

SDT010
pag.37



Set di n°5 punte pantografo per la realizzazione di porte e
antine in MDF

Set of CNC routerbit for MDF door and cabinet

SDT015
pag.39



Set di n°4 punte pantografo per la realizzazione di porte e
antine in MDF

Set of CNC routerbit for MDF door and cabinet

SDT020
pag.41



Set di n°3 punte pantografo per la realizzazione di porte e
antine in MDF

Set of CNC routerbit for MDF door and cabinet

SDT025
pag.43



Frese sagomate speciale con profilo a richiesta
Profiled routerbit as sample

SDT030
pag.45



Frese sagomate per macchina bordatrice
Routerbit for edge banding machine

SDT035
pag.47



Frese sagomate per macchina bordatrice
Routerbit for edge banding machine

SDT040
pag.48



Frese per bordatrice piane con attacco HSK25R
Straight edgebanding cutters with HSK25R

SDT045
pag.49



Frese per bordatrice inclinate 20° - 45° con attacco
HSK25R e HSK32R

Inclined edgebanding cutters 20° - 45° with HSK25R e HSK32R

SDT050
pag.50



Frese per bordatrice a raggiare con attacco
HSK25R e HSK32R
Radius edgebanding cutters with HSK25R e HSK32R

SDT055
pag.51



Frese per bordatrice multiraggio con attacco HSK25R
Multi radius edgebanding cutters with HSK25R

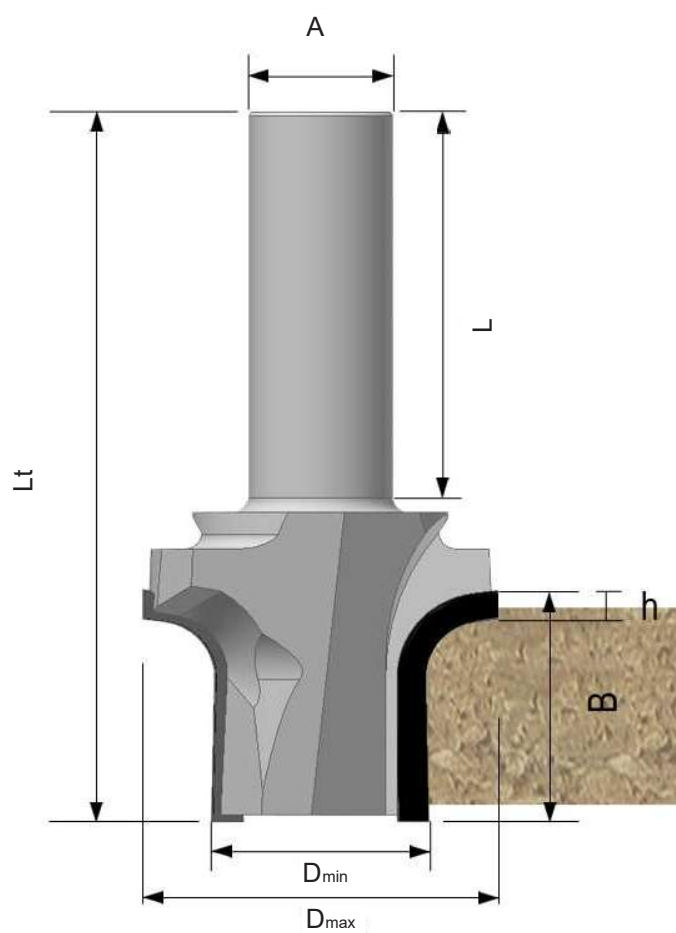
SDT060
pag.52



Realizziamo punte speciali con profili a campione secondo le specifiche del cliente.
Prezzi a preventivo.

Profiled routerbit as sample. Offer on request.





A: diametro attacco

L: lunghezza attacco

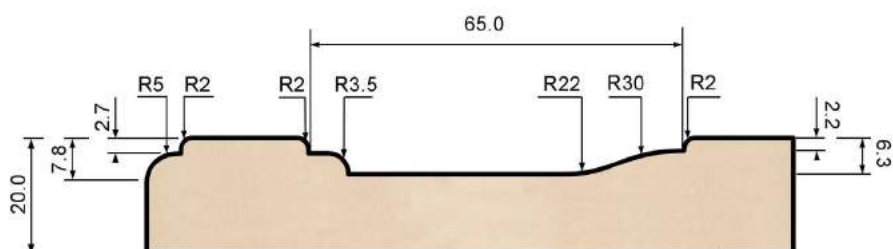
Lt: lunghezza totale

D_{max} : diametro massimo

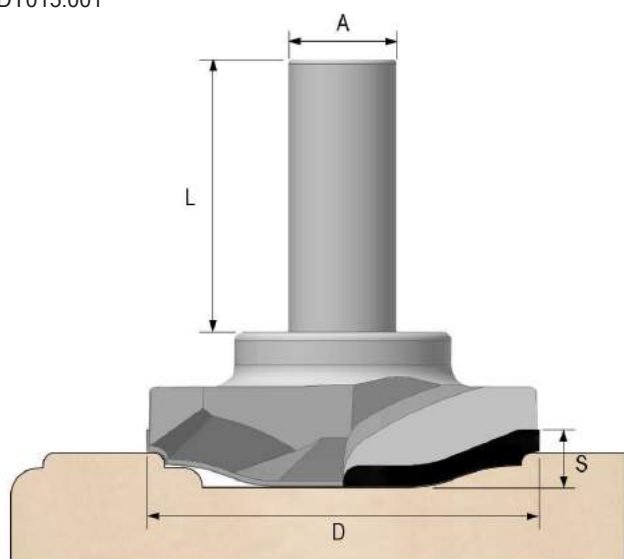
D_{min} : diametro minimo

B: spessore di taglio

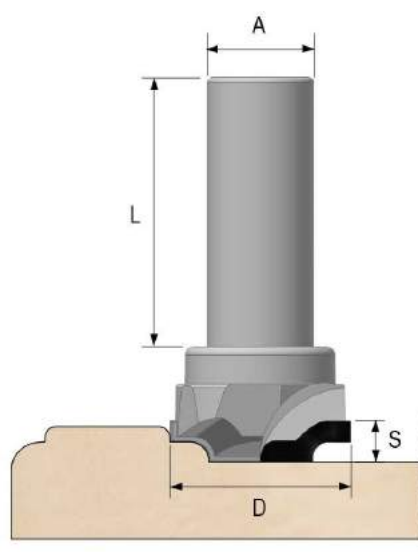
h: altezza diamante



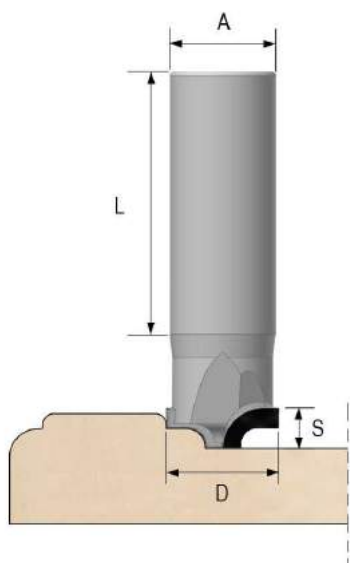
SDT015.001



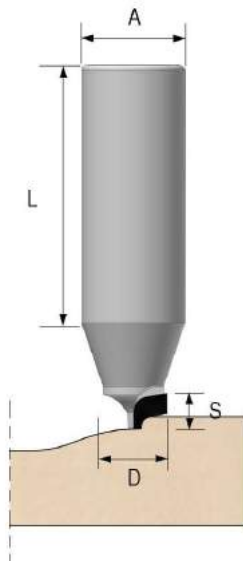
SDT015.002



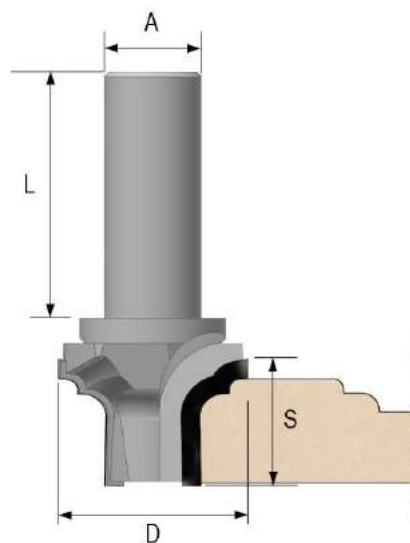
SDT015.003



SDT015.004



SDT015.005

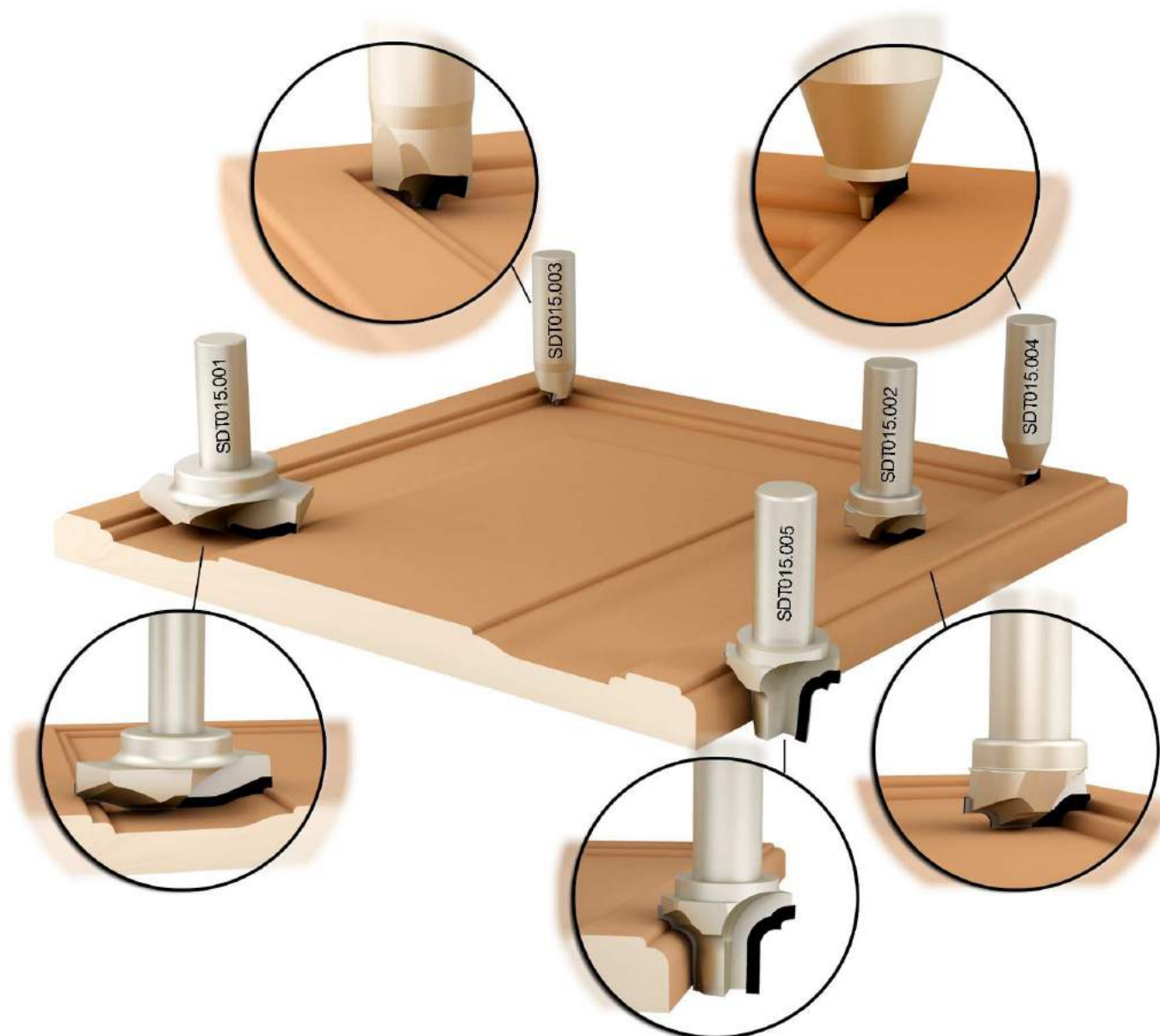


SDT015

Set di n° 5 punte pantografo per la realizzazione di porte e antine in MDF

Set of CNC router bit for MDF door and cabinet

C



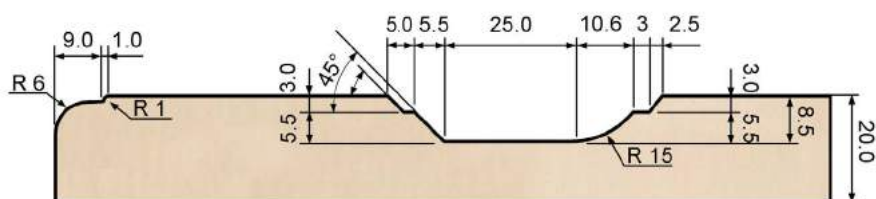
CODE	D mm	S mm	A mm	L mm	Z
SDT015.001	72,5	11	20	50	2
SDT015.002	32,5	8,8	20	50	2
SDT015.003	20	8,8	20	50	2
SDT015.004	13	7	20	50	1
SDT015.005	40	26,5	20	50	2

SDT020

C

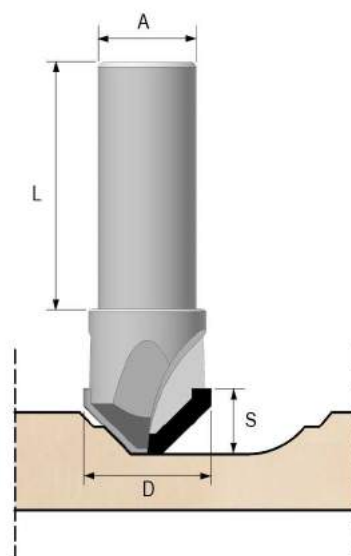
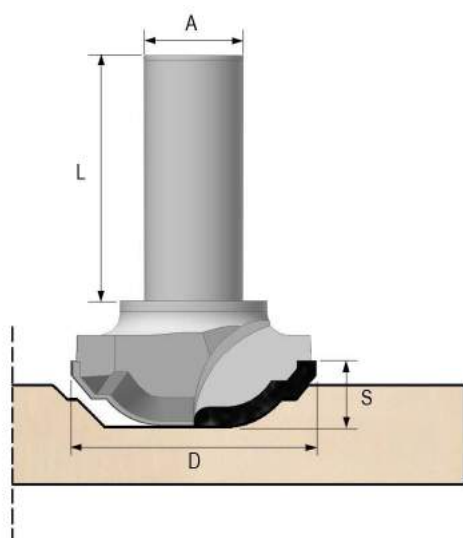
Set di n° 4 punte pantografo per la realizzazione di porte e antine in MDF

Set of CNC router bit for MDF door and cabinet



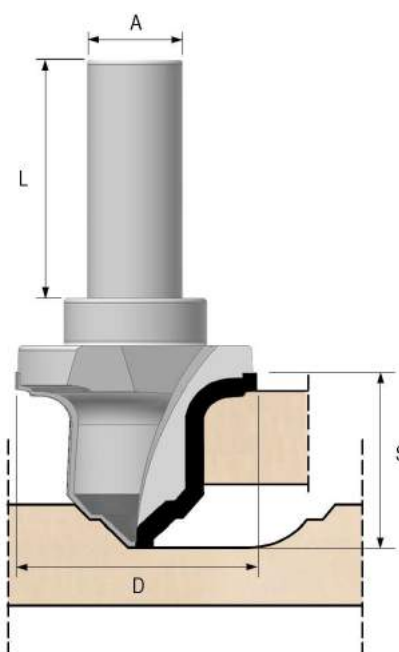
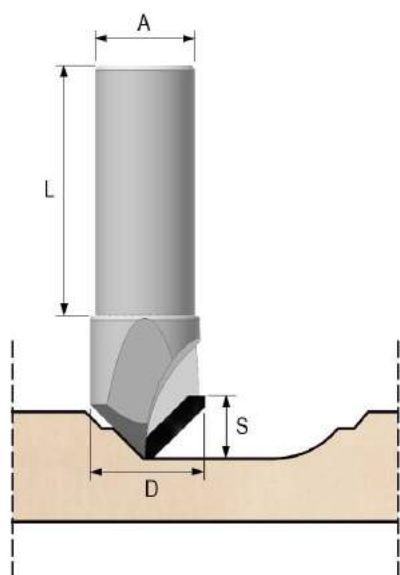
SDT020.001

SDT020.002



SDT020.003

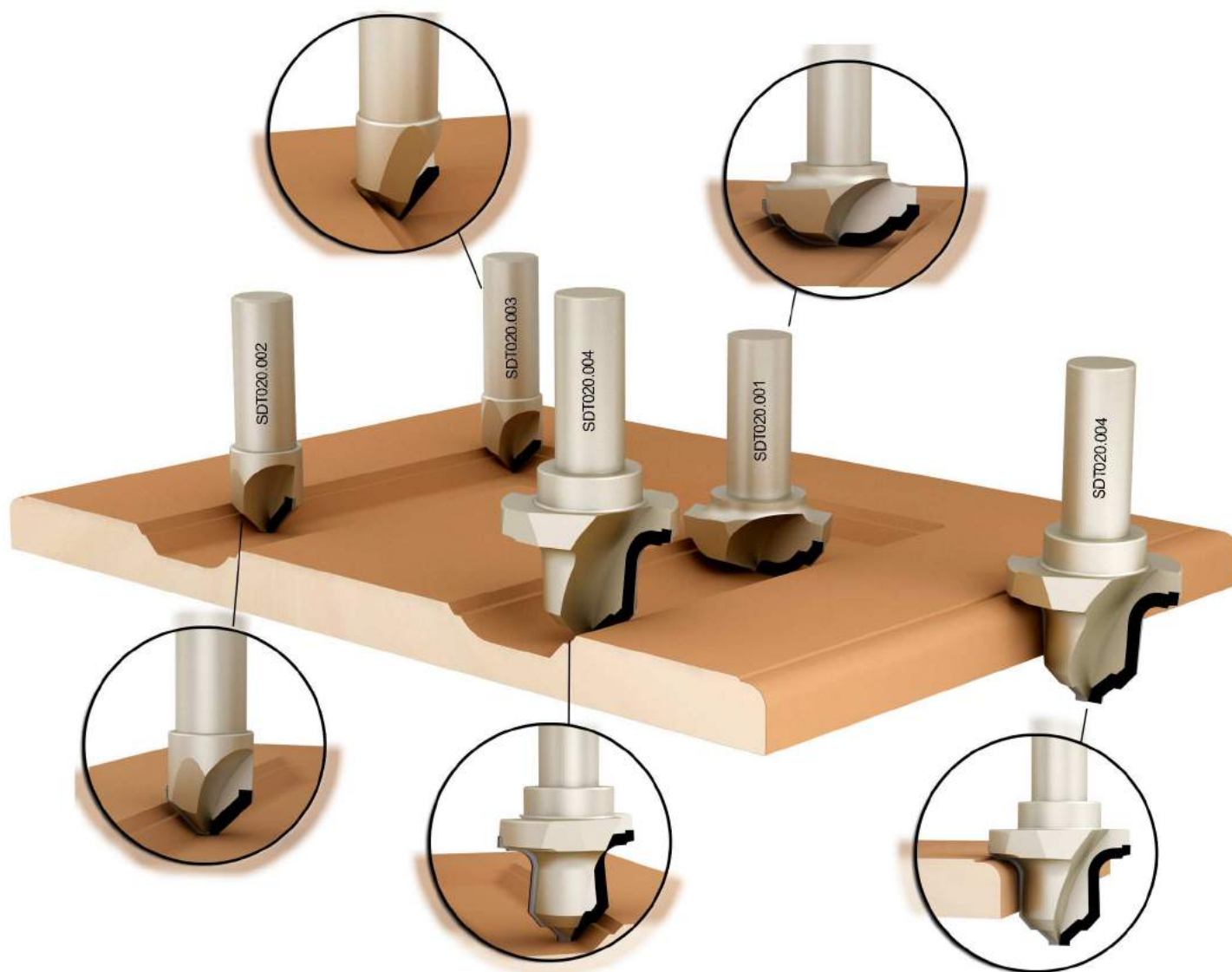
SDT020.004



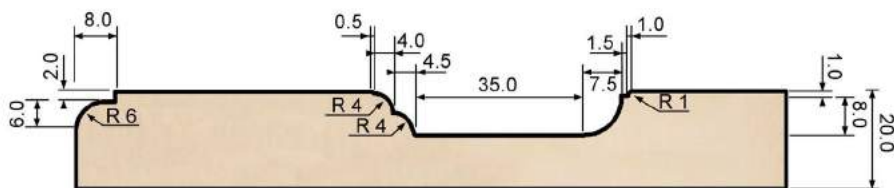
SDT020

Set di n° 4 punte pantografo per la realizzazione di porte e antine in MDF

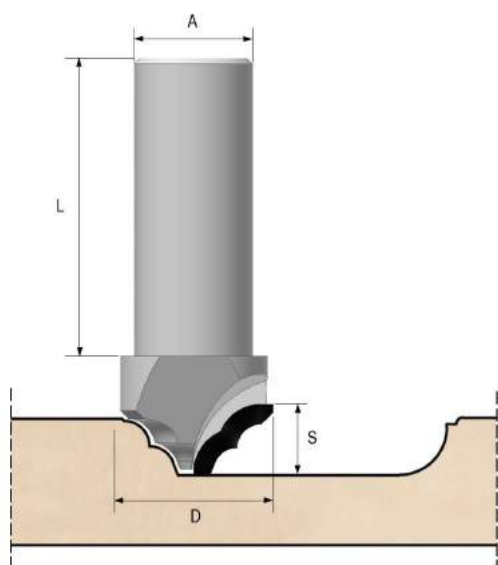
Set of CNC router bit for MDF door and cabinet



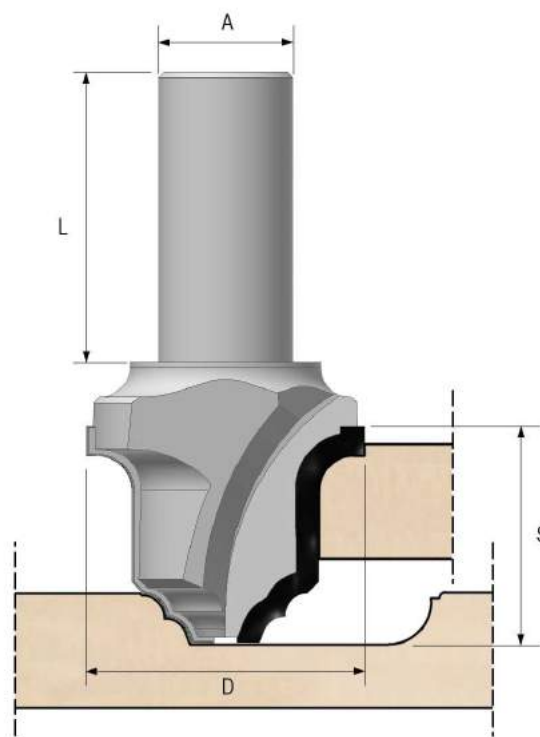
CODE	D mm	S mm	A mm	L mm	Z
SDT020.001	50	13.5	20	50	2
SDT020.002	24	13.5	20	50	2
SDT020.003	24	13.5	20	50	1
SDT020.004	53	37	20	50	2



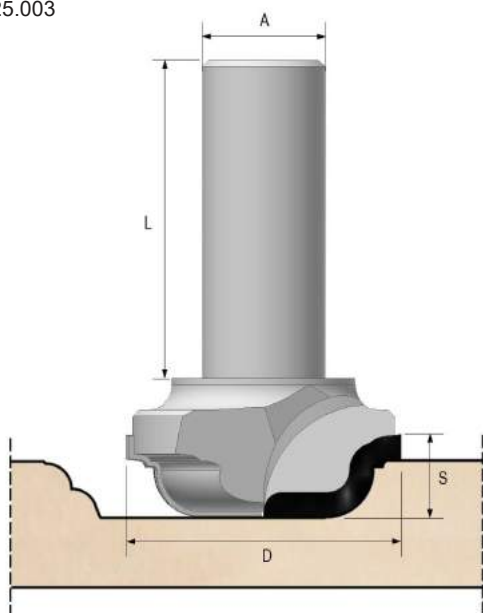
SDT025.001



SDT025.002



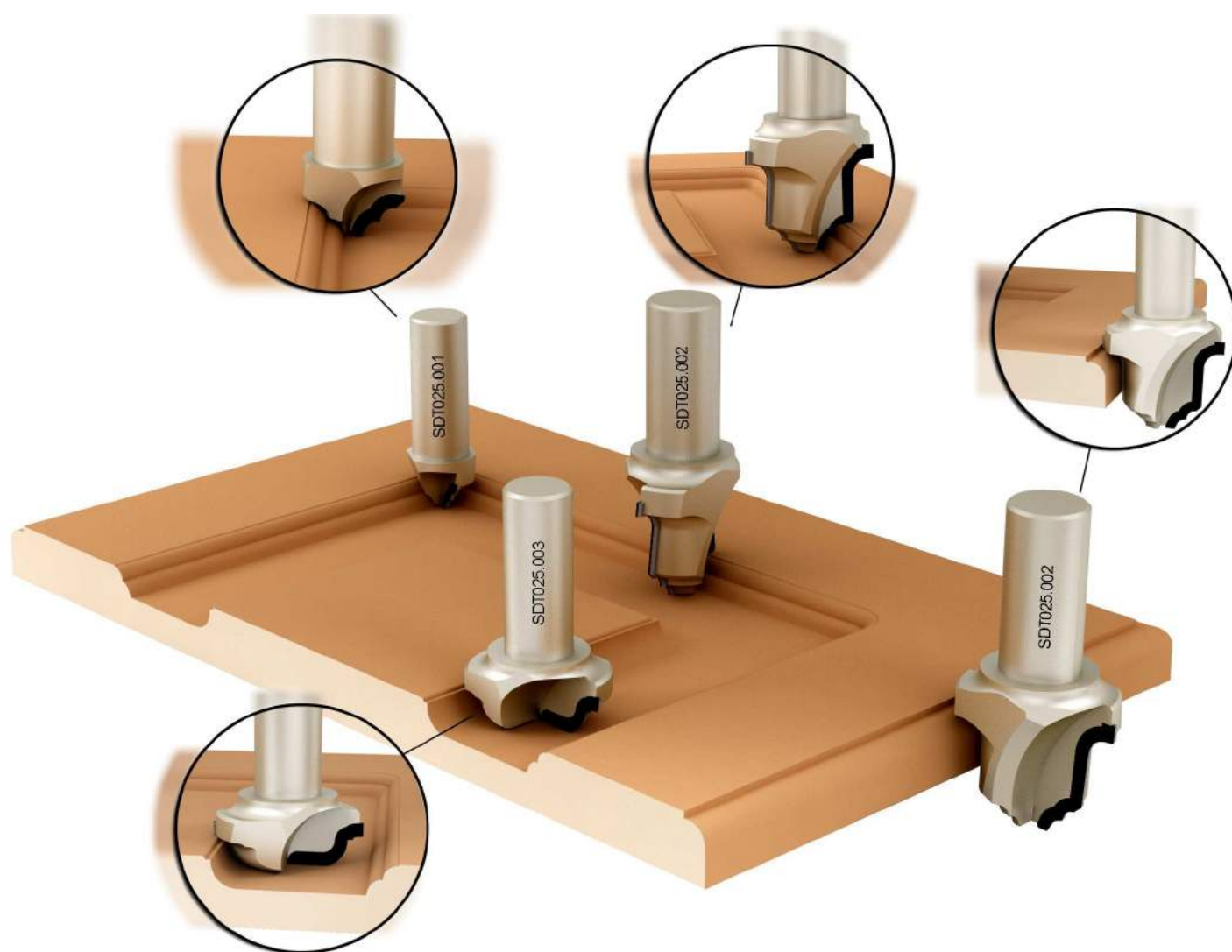
SDT025.003



SDT025

Set di n° 3 punte pantografo per la realizzazione
di porte e antine in MDF

Set of CNC router bit for MDF door and cabinet



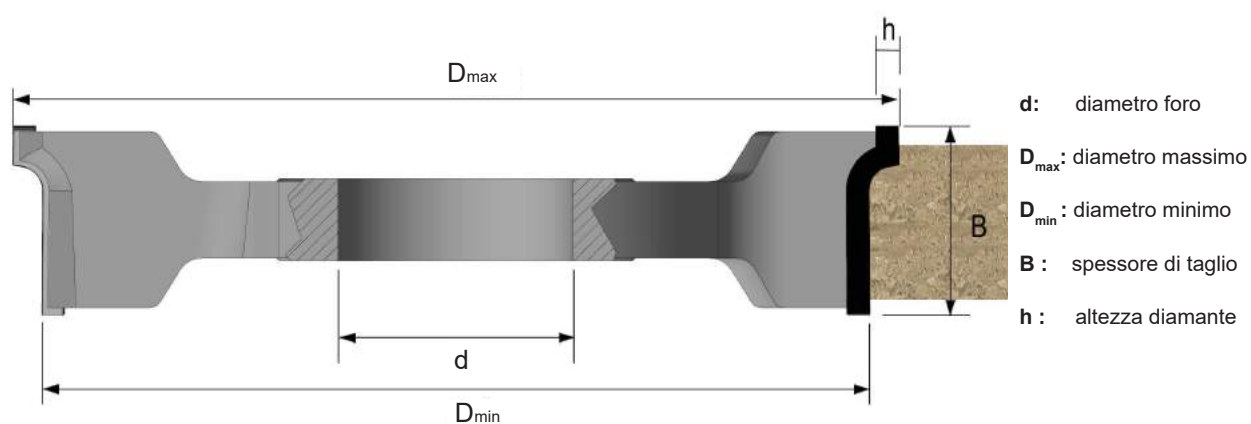
CODE	D mm	S mm	A mm	L mm	Z
SDT025.001	27	12	20	50	1
SDT025.002	49	37	20	50	2
SDT025.003	45	13	20	50	2



Realizziamo frese speciali con profili a campione secondo le specifiche del cliente.
Prezzi a preventivo.

Profiled routerbit as sample. Offer on request.





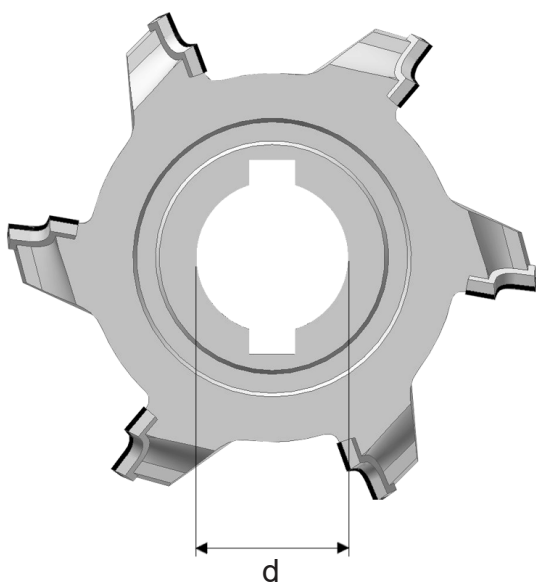
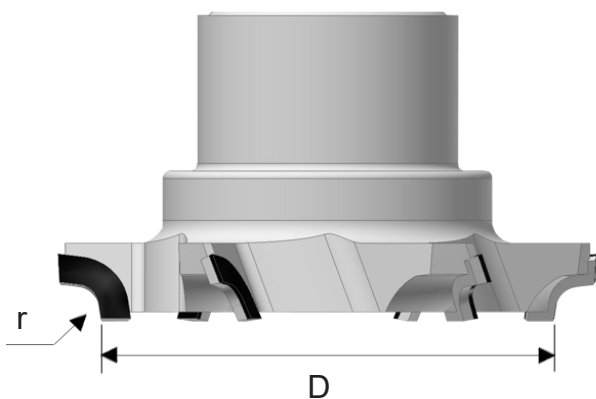
SDT035

Frese sagomate per macchina bordatrice

Routerbit for edge banding machine



CODE		D	d	r	Z
RIGHT Rot.	LEFT Rot.	mm	mm		
SDT035.001R	SDT035.001L	20 + 2 CH	60	3	6
SDT035.002R	SDT035.002L	20 + 2 CH	60	2	6
SDT035.003R	SDT035.003L	20 + 2 CH	60	1.5	6
SDT035.004R	SDT035.004L	20 + 2 CH	60	1	6
SDT035.005R	SDT035.005L	20 + 2 CH	60	25°	6
SDT035.006R	SDT035.006L	20 + 2 CH	60	45°	6



SDT040

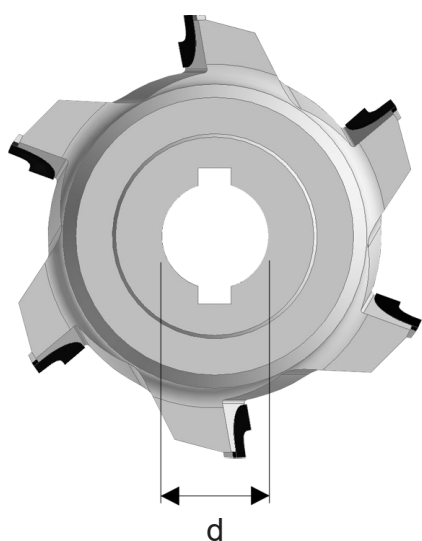
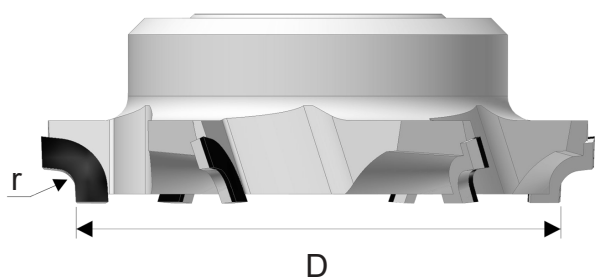
Frese sagomate per macchina bordatrice

Routerbit for edge banding machine

C



CODE		D	d	r	Z
RIGHT Rot.	LEFT Rot.	mm	mm		
SDT040.001R	SDT040.001L	16 + 2 CH	60	1	6
SDT040.002R	SDT040.002L	16 + 2 CH	60	1.5	6
SDT040.003R	SDT040.003L	16 + 2 CH	60	2	6
SDT040.004R	SDT040.004L	16 + 2 CH	60	3	6
SDT040.005R	SDT040.005L	16 + 2 CH	58.8	25°	6



CENTERINOX

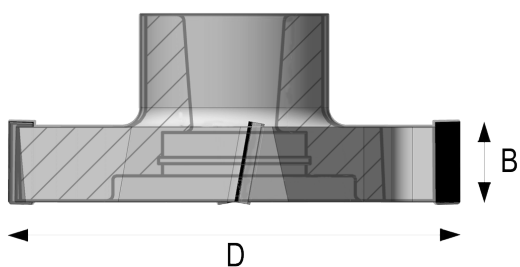
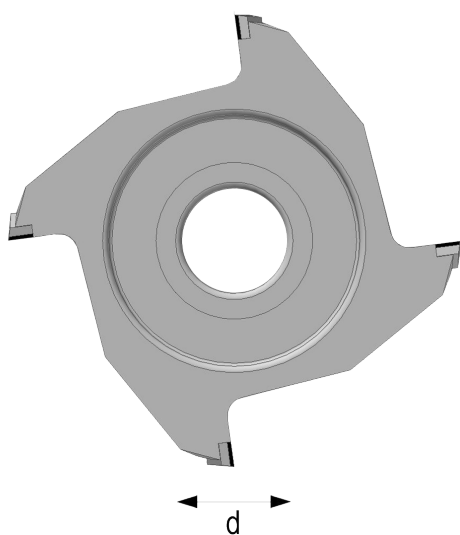
SDT045

Frese per bordatrice piane con attacco HSK25R

Straight edgebanding cutters with HSK25R



CODE		D mm	d mm	B mm	Z
RIGHT Rot.	LEFT Rot.				
SDT045.001R	SDT045.001L	70	HSK25R	8	4
SDT045.002R	SDT045.002L	70	HSK25R	8	6
SDT045.003R	SDT045.003L	70	HSK25R	12	4
SDT045.004R	SDT045.004L	70	HSK25R	12	6



SdT050

Frese per bordatrice inclinate 20° - 45° con attacco HSK25R HSK32R

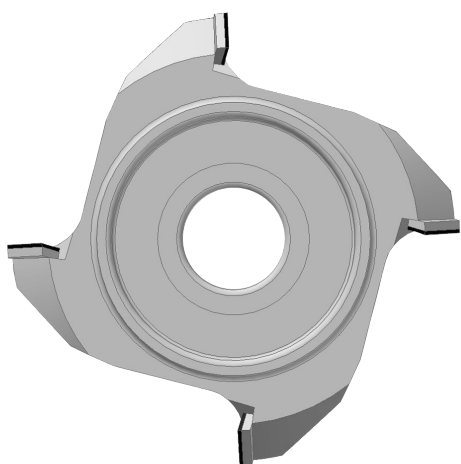
Inclined edgebanding cutters 20°- 45° with HSK25R e HSK32R

C

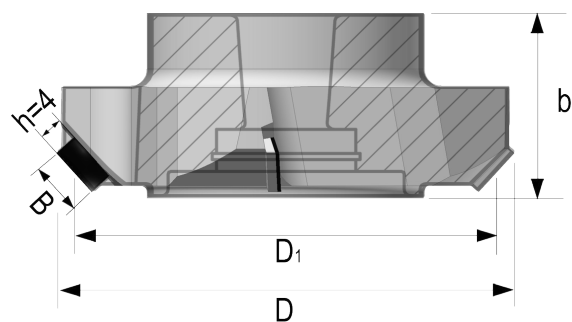


CODE		D	D ₁	B	b	d	Z	PROFILO
RIGHT Rot.	LEFT Rot.	mm	mm	mm	mm	mm		
SDT050.001R	SDT050.001L	73	70	6	23	HSK25R	4	20°

CODE		D	D ₁	B	b	d	Z	PROFILO
RIGHT Rot.	LEFT Rot.	mm	mm	mm	mm	mm		
SDT050.002R	SDT050.002L	64	62	6	17.5	HSK32R	4	20°
SDT050.003R	SDT050.003L	64	62	6	17.5	HSK32R	6	20°
SDT050.003R	SDT050.003L	73	62	6	17.5	HSK32R	4	45°
SDT050.003R	SDT050.003L	73	62	6	17.5	HSK32R	6	45°



d

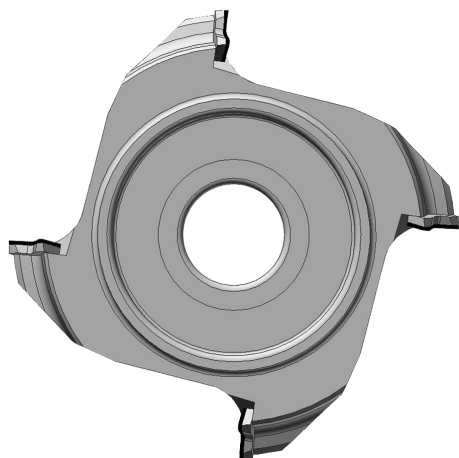


CENTERINOX

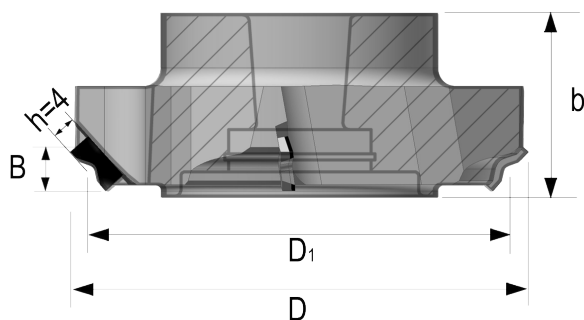
SDT055

Frese per bordatrice a raggiare con attacco
HSK25R e HSK32R

Radius edgebanding cutters with HSK25R e
HSK32R



d



CODE		D	D ₁	B	b	d	Z	PROFILO
RIGHT RoT.	LEFT RoT.	mm	mm	mm	mm	mm		
SDT055.001R	SDT055.001L	84	70	10	23	HSK25R	4	r 1,5
SDT055.002R	SDT055.002L	84	70	10	23	HSK25R	6	r 1,5
SDT055.003R	SDT055.003L	84	70	10	23	HSK25R	4	r 2
SDT055.004R	SDT055.004L	84	70	10	23	HSK25R	6	r 2
SDT055.005R	SDT055.005L	84	70	10	23	HSK25R	4	r 3
SDT055.006R	SDT055.006L	84	70	10	23	HSK25R	6	r 3
SDT055.007R	SDT055.007L	84	70	10	23	HSK25R	4	r 4
SDT055.008R	SDT055.008L	84	70	10	23	HSK25R	6	r 4
SDT055.009R	SDT055.009L	84	70	10	23	HSK25R	4	r 5
SDT055.010R	SDT055.010L	84	70	10	23	HSK25R	6	r 5

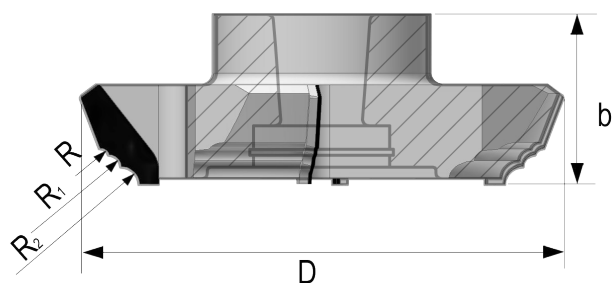
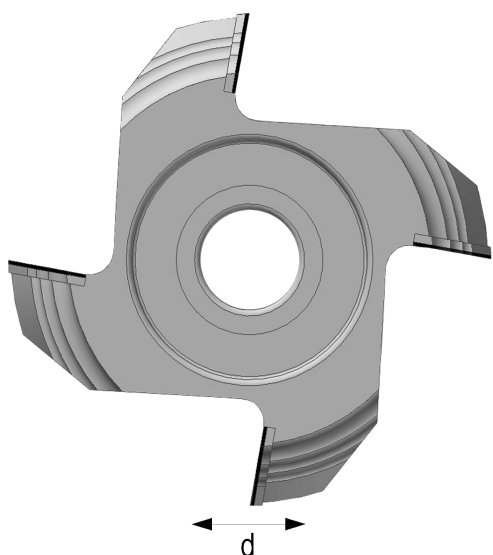
CODE		D	D ₁	B	b	d	Z	PROFILO
RIGHT RoT.	LEFT RoT.	mm	mm	mm	mm	mm		
SDT055.011R	SDT055.011L	73	62	10	33	HSK32R	4	r 1,5
SDT055.012R	SDT055.012L	73	62	10	33	HSK32R	6	r 1,5
SDT055.013R	SDT055.013L	73	62	10	33	HSK32R	4	r 2
SDT055.014R	SDT055.014L	73	62	10	33	HSK32R	6	r 2
SDT055.015R	SDT055.015L	73	62	10	33	HSK32R	4	r 3
SDT055.016R	SDT055.016L	73	62	10	33	HSK32R	6	r 3
SDT055.017R	SDT055.017L	73	62	10	33	HSK32R	4	r 4
SDT055.018R	SDT055.018L	73	62	10	33	HSK32R	6	r 4
SDT055.019R	SDT055.019L	73	62	10	33	HSK32R	4	r 5
SDT055.020R	SDT055.020L	73	62	10	33	HSK32R	6	r 5



Multi radius edgebanding cutters with HSK25R



CODE		D mm	b mm	d mm	Z	R	R ₁	R ₂
RIGHT RoT.	LEFT RoT.							
SdT060.001R	SdT060.001L	81.1	28	HSK25R	4	3	2	
SdT060.002R	SdT060.002L	81.1	28	HSK25R	6	3	2	
SdT060.003R	SdT060.003L	81.1	28	HSK25R	4	1.5	2	3
SdT060.004R	SdT060.004L	81.1	28	HSK25R	6	1.5	2	3



SEZIONE D
SECTION D





Incisore conico in diamante
Diamond conical scoring blade

LDT010
pag.55



Incisore regolabile in diamante
Diamond adjustable scoring blade

LDT015
pag.56



Lama circolare
Circular sawblade

LDT020
pag.57



Lama circolare per sezionatrice H4
Circular sawblade H4 for sizing machine

LDT025
pag.58



Lama circolare per sezionatrice H6
Circular sawblade H6 for sizing machine

LDT030
pag.59



Lama circolare per sezionatrice H 6 per pannelli bilaminati
Circular sawblade H6 for sizing bilaminated panels

LDT035
pag.60



Frese regolabili con spigolatori a profondità variabile H6
Adjustable milling cutters H6 with adjustable bevels

LDT040
pag.63



Frese regolabili con anelli H6
Adjustable milling cutters H6 with distance ring

LDT045
pag.64



Frese per incastri H6
Milling cutters H6 for joint

LDT050
pag.65



Lame incisore per squadratrice
Scoring sawblades for hogging machine

LDT055
pag.66



Lame per truciolatori
Sawblades for hogging - unit

LDT060
pag.67



Lame per truciolatori TDT010
Sawblades for hogging - unit TDT010

LDT065
pag.68

LDT010

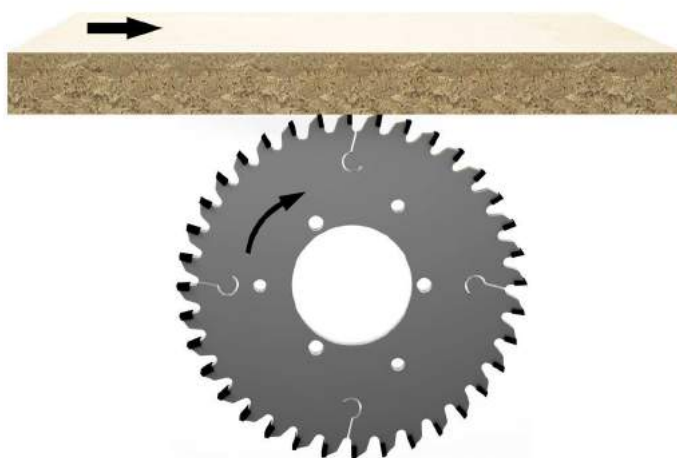
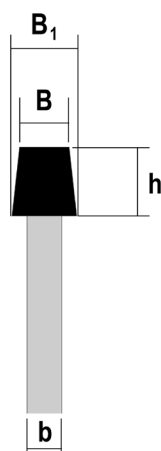
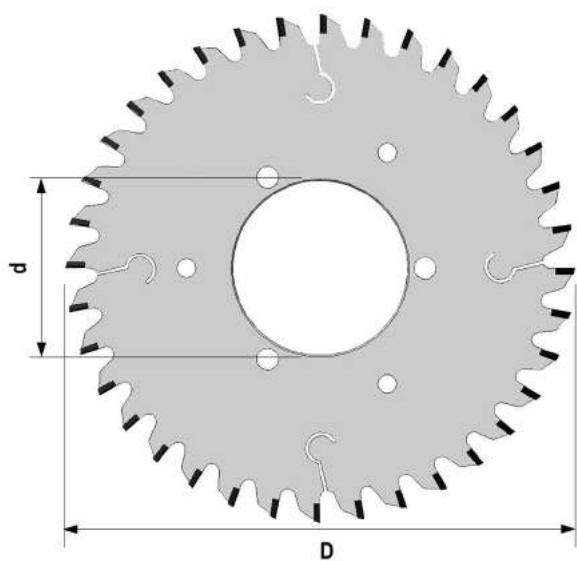
Incisore conico in diamante

Diamond conical scoring blade

D



CODE	D mm	B/B ₁ mm	b mm	d mm	Z	DIAMANTE
						h mm
LDT010.001	125	3,1 / 4,3	2,2	20	24	4
LDT010.002	125	4,4 / 5,6	2,8	20	24	4
LDT010.003	150	4,3 / 5,6	2,8	30	30	4
LDT010.004	160	4,3 / 5,6	2,8	55	36	4
LDT010.005	200	4,3 / 5,6	2,8	30 / 80	36	4
LDT010.006	200	4,6 / 5,8	3,5	45	36	4
LDT010.007	125	3,1 / 4,3	2,2	20	24	6
LDT010.008	125	4,4 / 5,6	2,8	20	24	6
LDT010.009	150	4,3 / 5,6	2,8	30	30	6
LDT010.010	160	4,3 / 5,6	2,8	55	36	6
LDT010.011	200	4,3 / 5,6	2,8	30 / 80	36	6
LDT010.012	200	4,3 / 5,8	3,5	45	36	6



LDT015

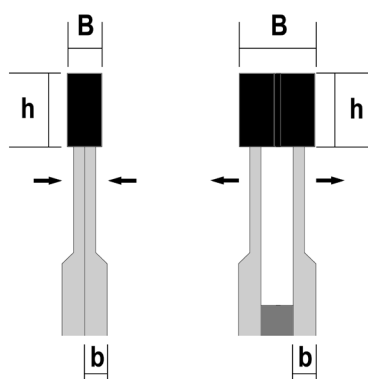
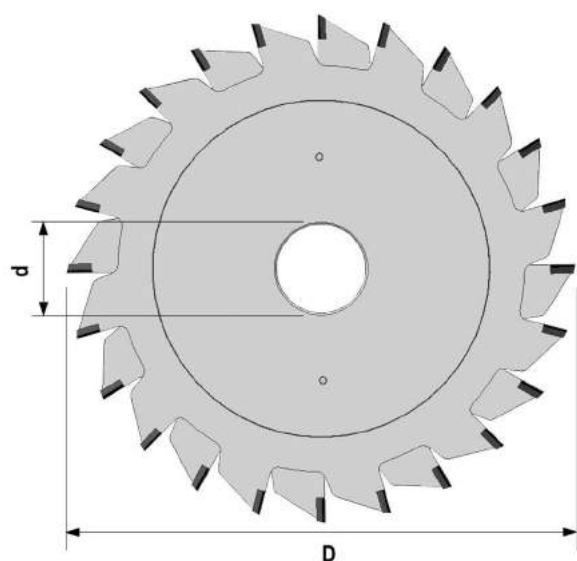
Incisore regolabile in diamante

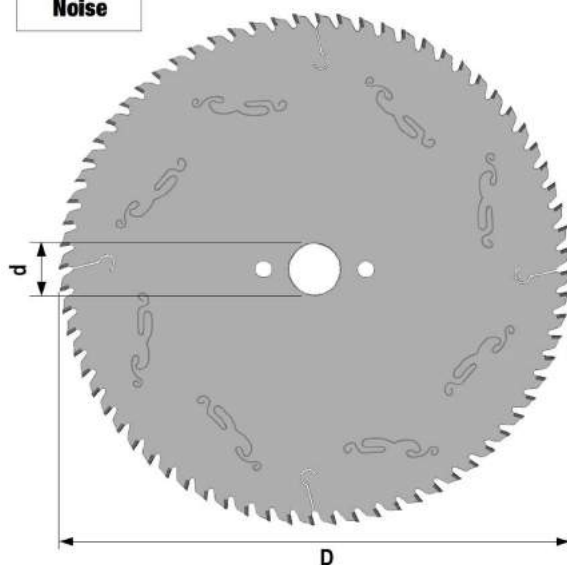
Diamond adjustable scoring blade

D



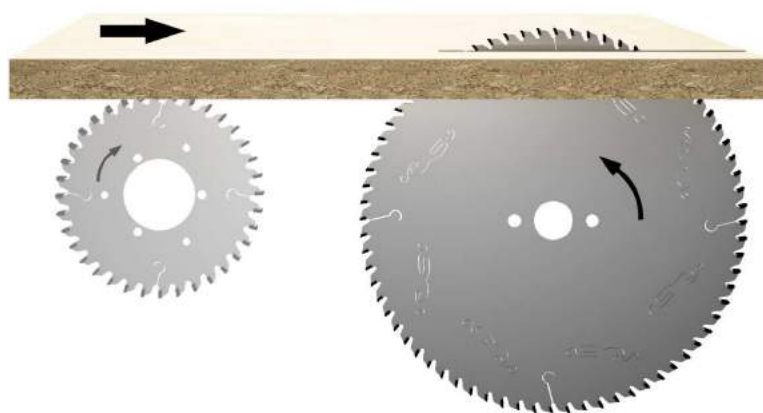
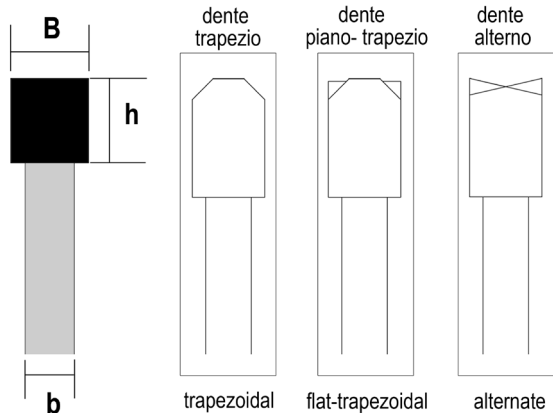
CODE	D mm	B mm	b mm	d mm	Z	DIAMANTE
						h mm
LDT015.001	80	2,8 / 3,6	2,2	20	12 + 12	4
LDT015.002	100	2,8 / 3,6	2,2	20 / 22	12 + 12	4
LDT015.003	120	2,8 / 3,6	2,2	20 / 22	12 + 12	4
LDT015.004	125	2,8 / 3,6	2,2	20 / 22	12 + 12	4
LDT015.005	120	2,8 / 3,6	2,2	50 + 4	12 + 12	4
LDT015.006	80	2,8 / 3,6	2,2	20	12 + 12	6
LDT015.007	100	2,8 / 3,6	2,2	20 / 22	12 + 12	6
LDT015.008	120	2,8 / 3,6	2,2	20 / 22	12 + 12	6
LDT015.009	125	2,8 / 3,6	2,2	20 / 22	12 + 12	6
LDT015.010	120	2,8 / 3,6	2,2	50 + 4	12 + 12	6

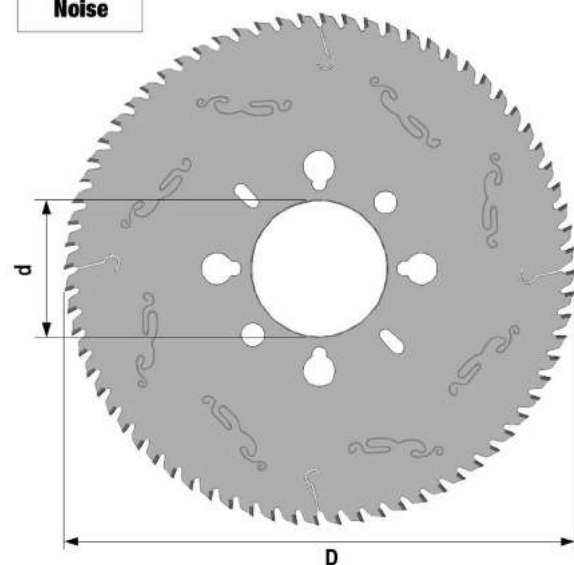




CODE	D mm	B mm	b mm	d mm	Z	DIAMANTE
						h mm
LDT020.001	250	3,2	2,2	30	48	4
LDT020.002	250	3,2	2,2	30	60	4
LDT020.003	300	3,2	2,2	30	48	4
LDT020.004	300	3,2	2,2	30	60	4
LDT020.005	300	3,2	2,2	30	72	4
LDT020.006	300	3,2	2,2	30	96	4
LDT020.007	350	3,5	2,5	30	54	4
LDT020.008	350	3,5	2,5	30	72	4
LDT020.009	350	3,5	2,5	30	84	4

CODE	D mm	B mm	b mm	d mm	Z	DIAMANTE
						h mm
LDT020.010	250	3,2	2,2	30	48	6
LDT020.011	250	3,2	2,2	30	60	6
LDT020.012	300	3,2	2,2	30	48	6
LDT020.013	300	3,2	2,2	30	60	6
LDT020.014	300	3,2	2,2	30	72	6
LDT020.015	300	3,2	2,2	30	96	6
LDT020.016	350	3,5	2,5	30	54	6
LDT020.017	350	3,5	2,5	30	72	6
LDT020.018	350	3,5	2,5	30	84	6

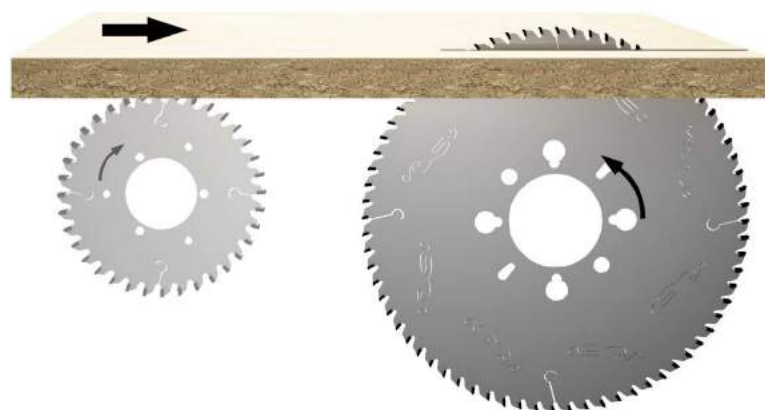
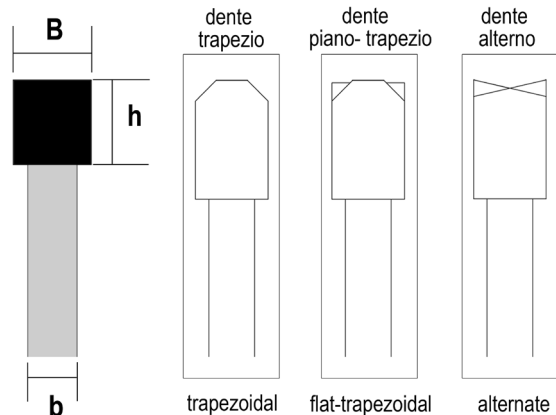




CODE	D mm	B mm	b mm	Z	DIAMANTE
					h mm
LDT025.001	300	4,4	3,2	60	4
LDT025.002	350	4,4	3,2	54	4
LDT025.003	350	4,4	3,2	72	4
LDT025.004	400	4,4	3,5	36	4
LDT025.005	400	4,4	3,5	60	4
LDT025.006	400	4,4	3,5	72	4
LDT025.007	420	4,4	3,5	48	4
LDT025.008	420	4,4	3,5	60	4
LDT025.009	420	4,4	3,5	72	4
LDT025.010	430	4,4	3,5	60	4
LDT025.011	430	4,4	3,5	72	4
LDT025.012	450	4,6	3,5	48	4
LDT025.013	450	4,6	3,5	60	4
LDT025.014	450	4,6	3,5	72	4
LDT025.015	500	5,2	4	54	4
LDT025.016	500	5,2	4	72	4
LDT025.017	550	5,2	4	54	4
LDT025.018	550	5,2	4	72	4
LDT025.019	565	5,4	4	60	4
LDT025.020	565	5,4	4	72	4

Diametro del foro (d) a richiesta

Bore's diameter (d) on request

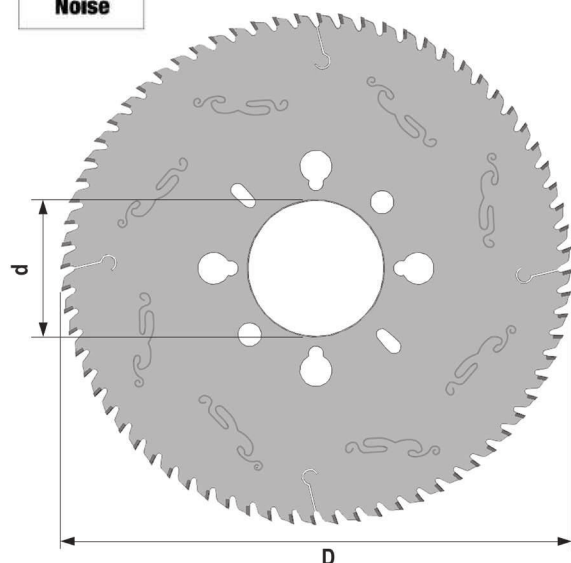


LDT030

Lama circolare per sezionatrice H 6

Circular sawblade H6 for sizing machine

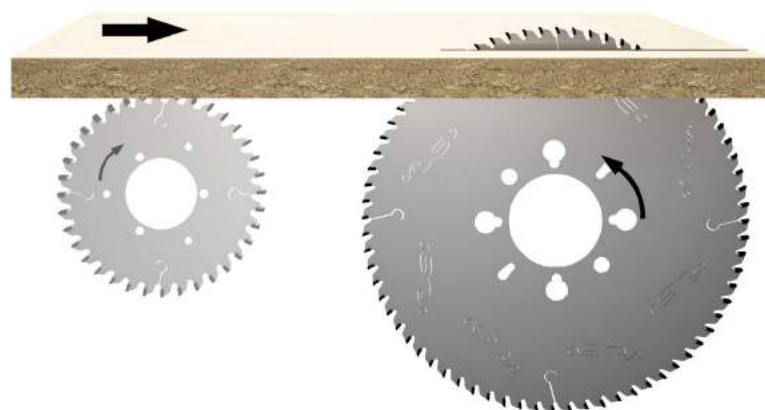
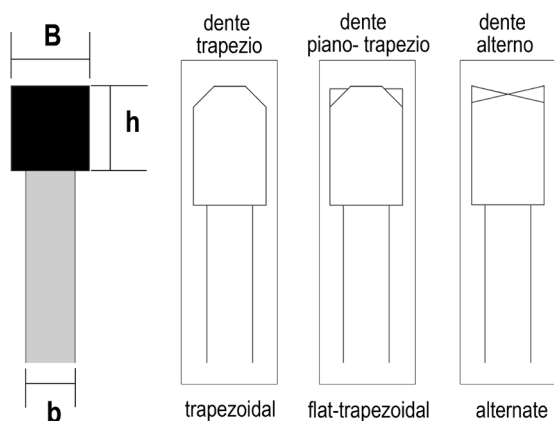
D



CODE	D mm	B mm	b mm	Z	DIAMANTE
					h mm
LDT030.001	300	4,4	3,2	60	6
LDT030.002	350	4,4	3,2	54	6
LDT030.003	350	4,4	3,2	72	6
LDT030.004	400	4,4	3,5	36	6
LDT030.005	400	4,4	3,5	60	6
LDT030.006	400	4,4	3,5	72	6
LDT030.007	420	4,4	3,5	48	6
LDT030.008	420	4,4	3,5	60	6
LDT030.009	420	4,4	3,5	72	6
LDT030.010	430	4,4	3,5	60	6
LDT030.011	430	4,4	3,5	72	6
LDT030.012	450	4,6	3,5	48	6
LDT030.013	450	4,6	3,5	60	6
LDT030.014	450	4,6	3,5	72	6
LDT030.015	500	5,2	4	54	6
LDT030.016	500	5,2	4	72	6
LDT030.017	550	5,2	4	54	6
LDT030.018	550	5,2	4	72	6
LDT030.019	565	5,4	4	60	6
LDT030.020	565	5,4	4	72	6
LDT030.021	600	5,8	4	60	6
LDT030.022	600	5,8	4	72	6
LDT030.023	600	5,8	4	84	6

Diametro del foro (d) a richiesta

Bore's diameter (d) on request



LDT035

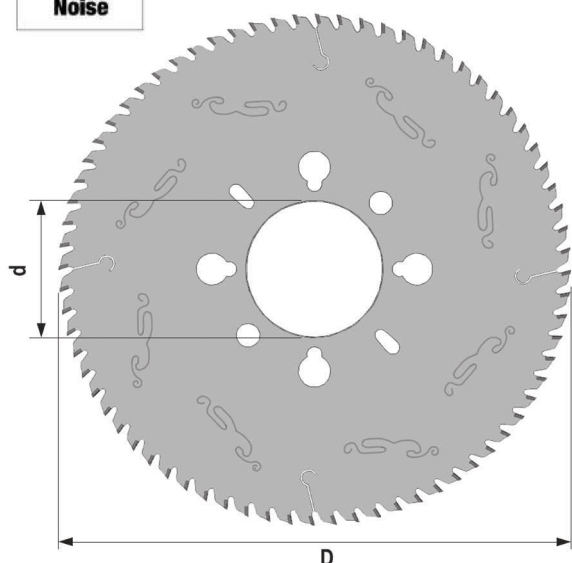
Lama circolare per sezionatrice H 6 per pannelli bilaminati

Circular sawblade H6 for sizing bilaminated panels

D

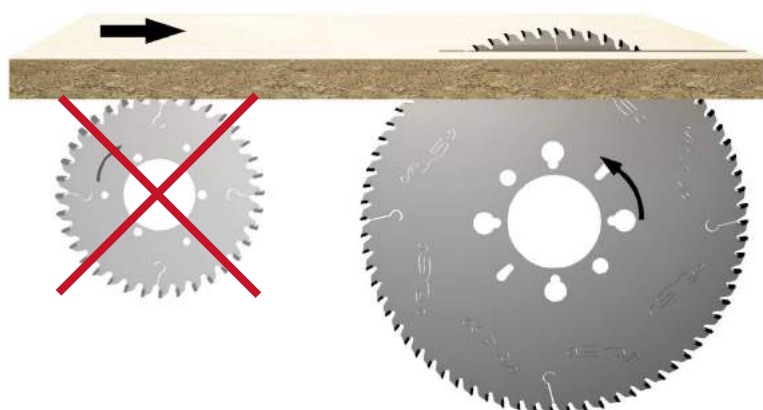
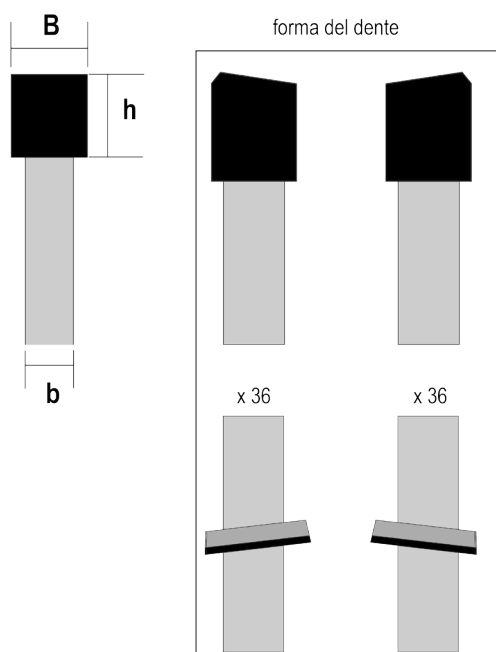


CODE	D mm	B mm	b mm	Z	DIAMANTE
					h mm
LDT035.001	300	3,2	2,2	72	6
LDT035.002	350	3,5	2,5	72	6
LDT035.003	350	4,4	3,2	72	6
LDT035.004	450	4,6	3,5	72	6



Diametro del foro (d) a richiesta

Bore's diameter (d) on request



Schema fori trascinamento per lame foro 30/60mm

D

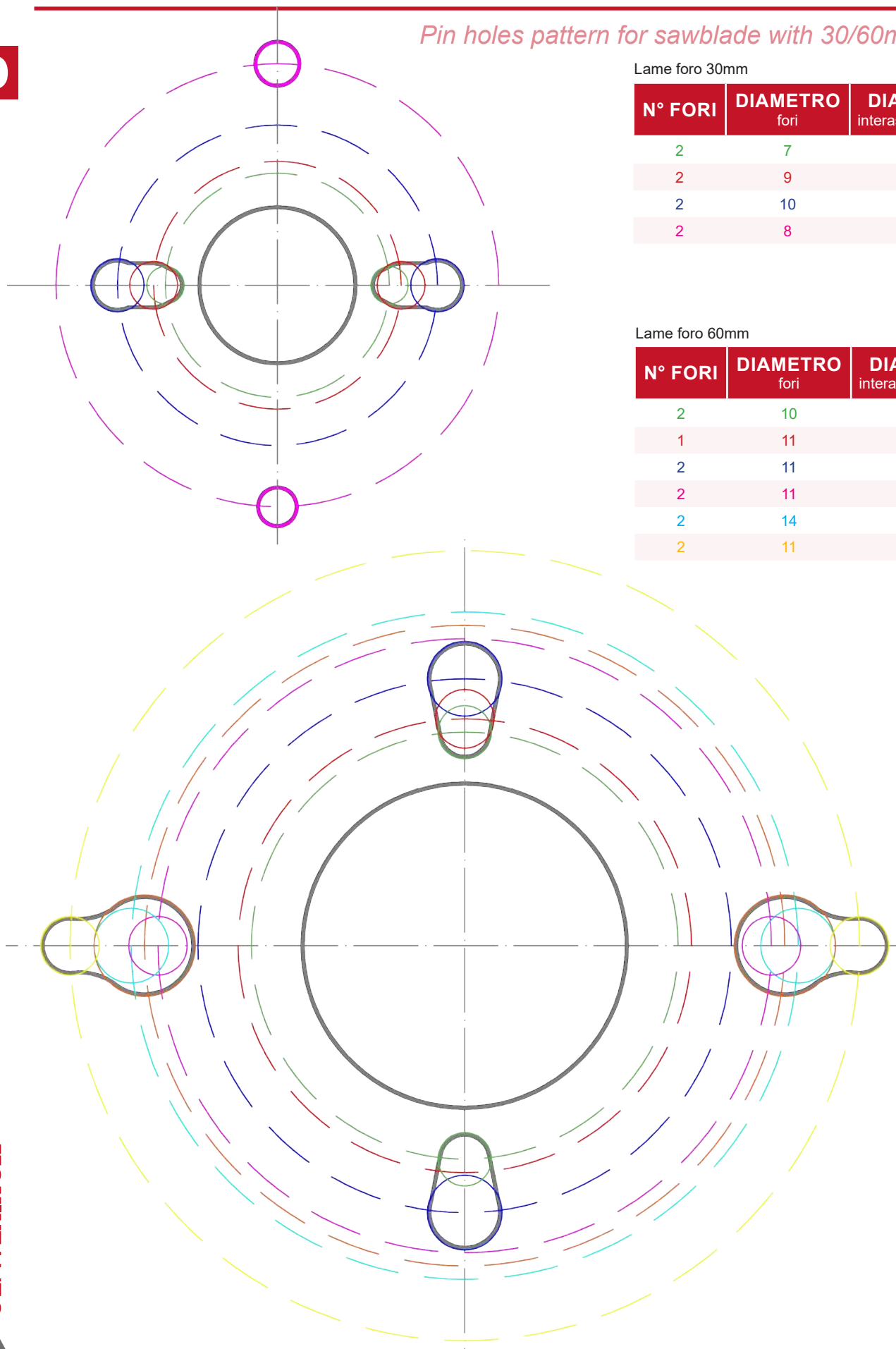
Pin holes pattern for sawblade with 30/60mm bore

Lame foro 30mm

N° FORI	DIAMETRO fori	DIAMETRO interasse fori (mm)
2	7	42
2	9	46.4
2	10	60
2	8	83

Lame foro 60mm

N° FORI	DIAMETRO fori	DIAMETRO interasse fori (mm)
2	10	80
1	11	85
2	11	100
2	11	115
2	14	125
2	11	148

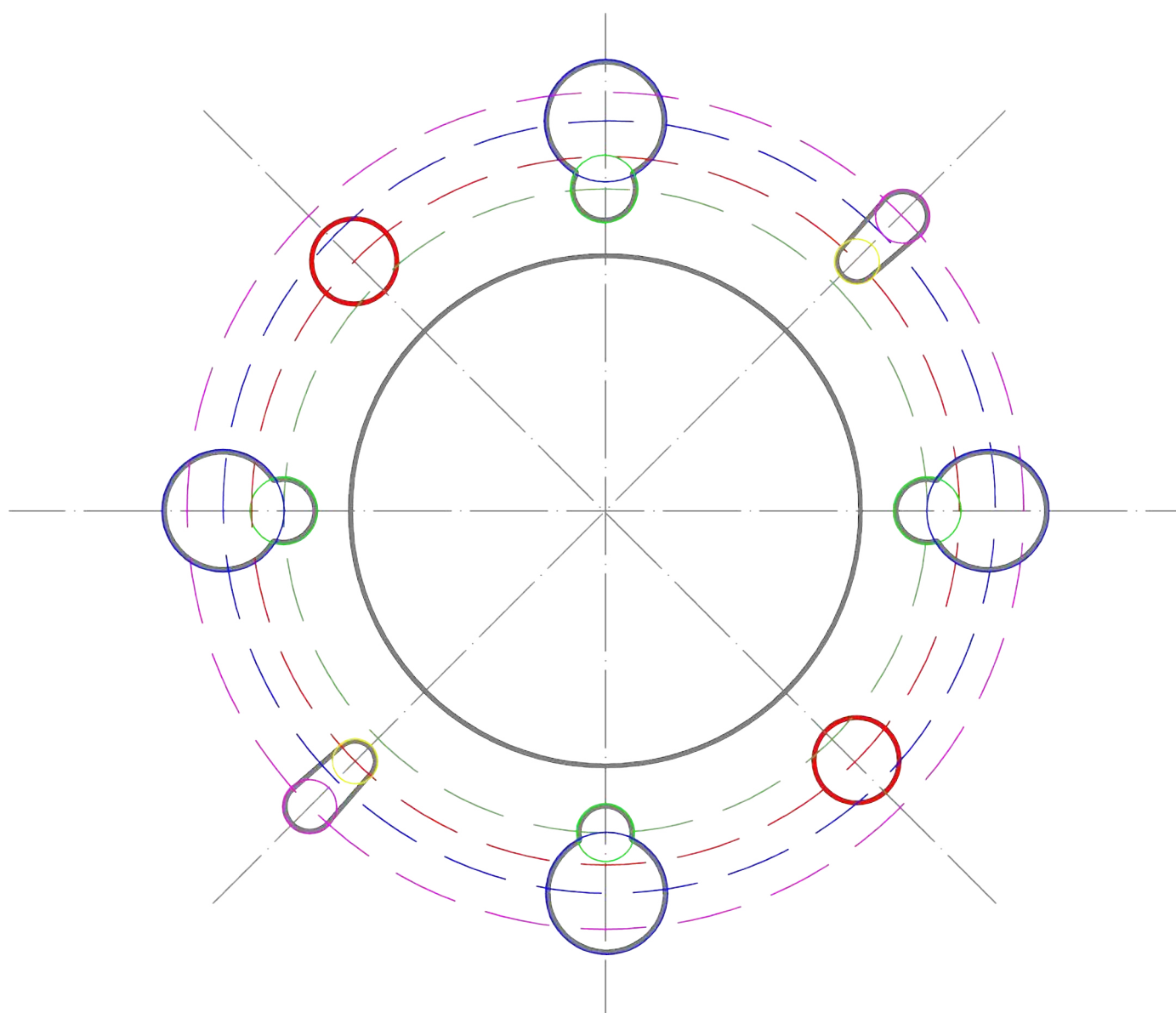


Schema fori trascinamento per lame foro 80mm

Pin holes pattern for sawblade with 80mm bore

Lame foro 80mm

N° FORI	DIAMETRO fori	DIAMETRO interasse fori (mm)
4	9	100
2	14	100
2	11	100
2	8.4	130
2	7	110



D

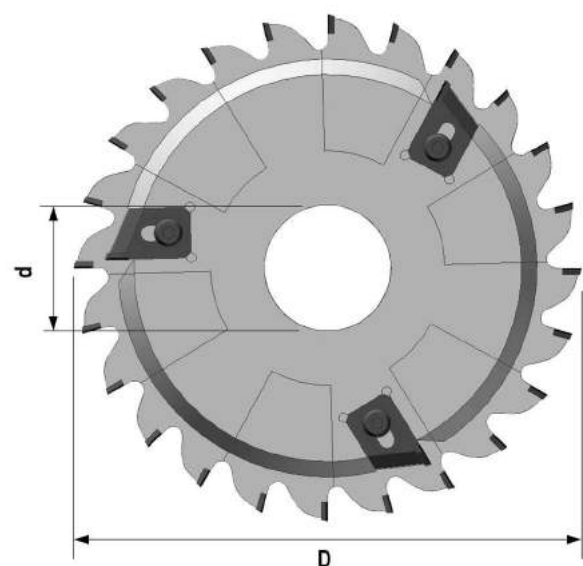
CENTERINOX

LDT040

Frese regolabili con anelli con spigolatori a profondità variabile H 6

Adjustable milling cutters H6 with distance ring and adjustable bevels

D



CODE	D mm	B mm	d mm	Z	PLACCHETTE	
					h mm	n°
LDT040.001	160	3 - 5,5	35 / 40	6 + 6	6	2 x 6
LDT040.002	160	4 - 7,5	35 / 40	6 + 6	6	2 x 6
LDT040.003	160	5 - 9,5	35 / 40	6 + 6	6	2 x 6
LDT040.004	160	6 - 11,5	35 / 40	6 + 6	6	2 x 6
LDT040.005	160	3 - 5,5	35 / 40	12 + 12	6	2 x 12
LDT040.006	160	4 - 7,5	35 / 40	12 + 12	6	2 x 12
LDT040.007	160	5 - 9,5	35 / 40	12 + 12	6	2 x 12
LDT040.008	200	6 - 11,5	35 / 40	12 + 12	6	2 x 12
LDT040.009	200	3 - 5,5	35 / 40	6 + 6	6	2 x 6
LDT040.010	200	4 - 7,5	35 / 40	6 + 6	6	2 x 6
LDT040.011	200	5 - 9,5	35 / 40	6 + 6	6	2 x 6
LDT040.012	200	6 - 11,5	35 / 40	6 + 6	6	2 x 6
LDT040.013	200	3 - 5,5	35 / 40	12 + 12	6	2 x 12
LDT040.014	200	4 - 7,5	35 / 40	12 + 12	6	2 x 12
LDT040.015	200	5 - 9,5	35 / 40	12 + 12	6	2 x 12
LDT040.016	200	6 - 11,5	35 / 40	12 + 12	6	2 x 12



16 x 26,7 x 5 DX



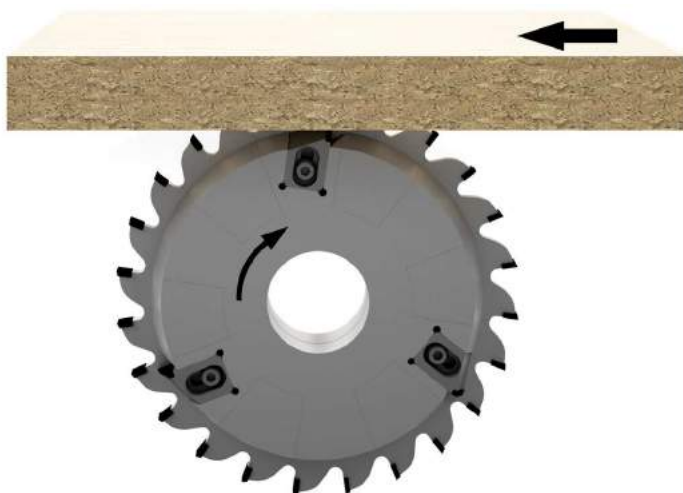
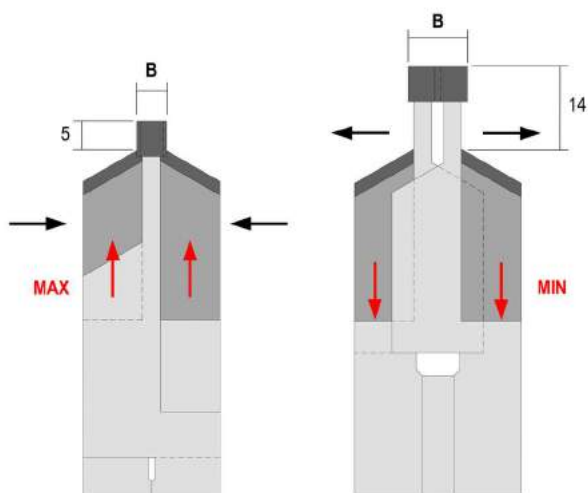
16 x 26,7 x 5 SX

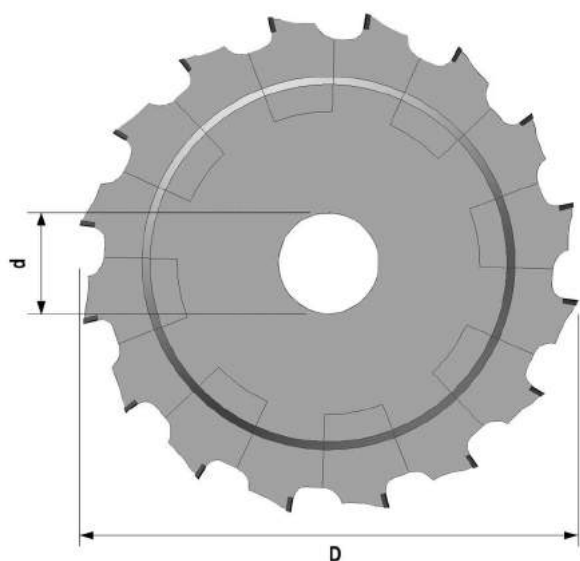


M4 X 8,3 Ø9

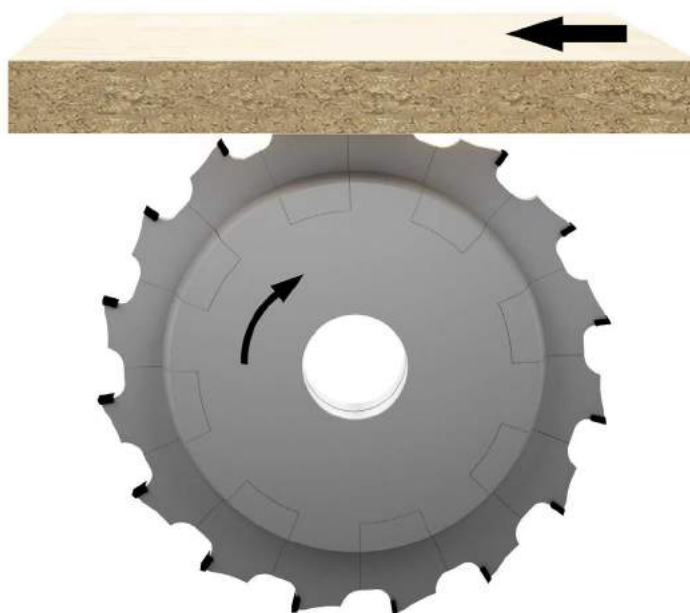
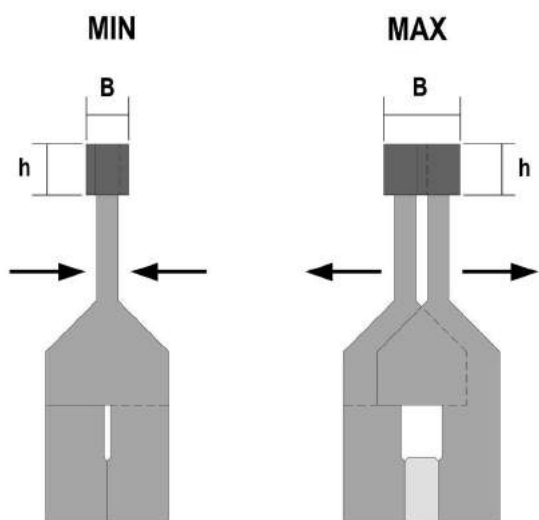
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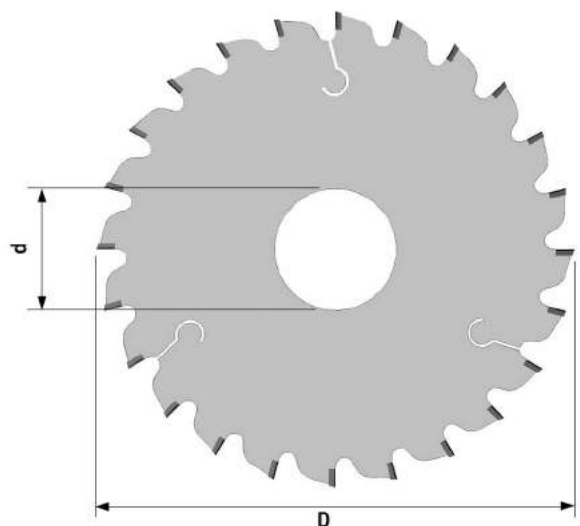
MAX





CODE	D mm	B mm	d mm	Z	PLACCHETTE	
					h mm	n°
LDT045.001	120	3 - 5,5	25 / 30 / 35	6 + 6	6	2 X 6
LDT045.002	120	4 - 7,5	25 / 30 / 35	6 + 6	6	2 X 6
LDT045.003	120	5 - 9,5	25 / 30 / 35	6 + 6	6	2 X 6
LDT045.004	120	6 - 11,5	25 / 30 / 35	6 + 6	6	2 X 6
LDT045.005	150	3 - 5,5	25 / 30 / 35	6 + 6	6	2 X 6
LDT045.006	150	4 - 7,5	25 / 30 / 35	6 + 6	6	2 X 6
LDT045.007	150	5 - 9,5	25 / 30 / 35	6 + 6	6	2 X 6
LDT045.008	150	6 - 11,5	25 / 30 / 35	6 + 6	6	2 X 6
LDT045.009	200	3 - 5,5	30 / 35 / 40	6 + 6	6	2 X 6
LDT045.010	200	4 - 7,5	30 / 35 / 40	6 + 6	6	2 X 6
LDT045.011	200	5 - 9,5	30 / 35 / 40	6 + 6	6	2 X 6
LDT045.012	200	6 - 11,5	30 / 35 / 40	6 + 6	6	2 X 6
LDT045.013	200	3 - 5,5	30 / 35 / 40	8 + 8	6	2 X 8
LDT045.014	200	4 - 7,5	30 / 35 / 40	8 + 8	6	2 X 8
LDT045.015	200	5 - 9,5	30 / 35 / 40	8 + 8	6	2 X 8
LDT045.016	200	6 - 11,5	30 / 35 / 40	8 + 8	6	2 X 8
LDT045.017	200	3 - 5,5	30 / 35 / 40	12 + 12	6	2 X 12
LDT045.018	200	4 - 7,5	30 / 35 / 40	12 + 12	6	2 X 12
LDT045.019	200	5 - 9,5	30 / 35 / 40	12 + 12	6	2 X 12
LDT045.020	200	6 - 11,5	30 / 35 / 40	12 + 12	6	2 X 12

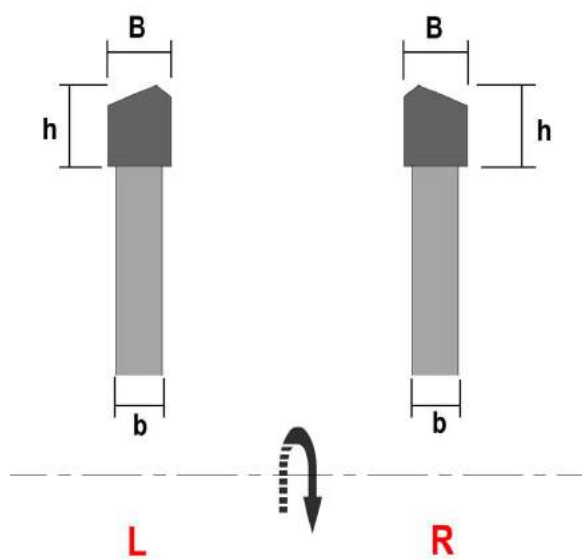
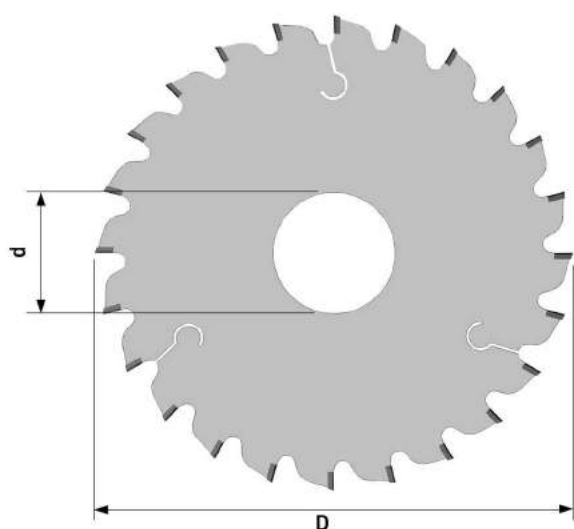




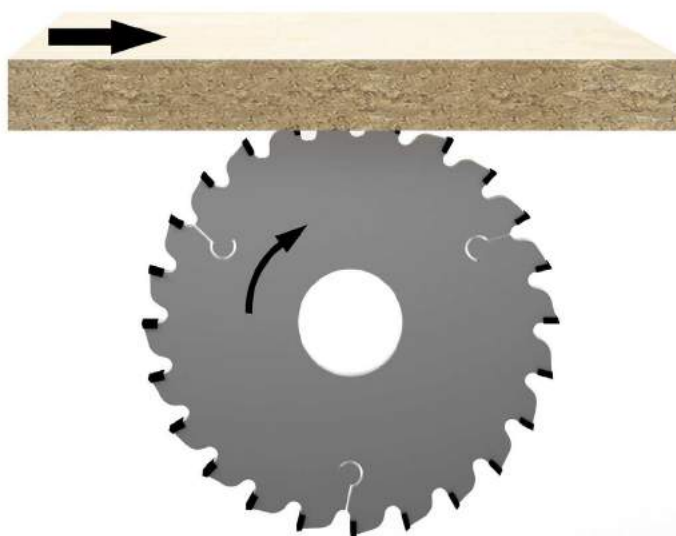
CODE	D mm	B mm	d mm	Z	PLACCHETTE	
					h mm	n°
LDT050.001	120	3	30 / 35 / 40	12	6	12
LDT050.002	120	4	30 / 35 / 40	12	6	12
LDT050.003	120	5	30 / 35 / 40	12	6	12
LDT050.004	120	6	30 / 35 / 40	12	6	12
LDT050.005	120	7	30 / 35 / 40	12	6	12
LDT050.006	160	3	30 / 35 / 40	12	6	12
LDT050.007	160	4	30 / 35 / 40	12	6	12
LDT050.008	160	5	30 / 35 / 40	12	6	12
LDT050.009	160	6	30 / 35 / 40	12	6	12
LDT050.010	160	7	30 / 35 / 40	12	6	12
LDT050.011	180	3	30 / 35 / 40	12	6	12
LDT050.012	180	4	30 / 35 / 40	12	6	12
LDT050.013	180	5	30 / 35 / 40	12	6	12
LDT050.014	180	6	30 / 35 / 40	12	6	12
LDT050.015	180	7	30 / 35 / 40	12	6	12
LDT050.016	200	3	30 / 35 / 40	12	6	12
LDT050.017	200	4	30 / 35 / 40	12	6	12
LDT050.018	200	5	30 / 35 / 40	12	6	12
LDT050.019	200	6	30 / 35 / 40	12	6	12
LDT050.020	200	7	30 / 35 / 40	12	6	12
LDT050.021	160	3	30 / 35 / 40	24	6	24
LDT050.022	160	4	30 / 35 / 40	24	6	24
LDT050.023	160	5	30 / 35 / 40	24	6	24
LDT050.024	160	6	30 / 35 / 40	24	6	24
LDT050.025	160	7	30 / 35 / 40	24	6	24
LDT050.026	180	3	30 / 35 / 40	24	6	24
LDT050.027	180	4	30 / 35 / 40	24	6	24
LDT050.028	180	5	30 / 35 / 40	24	6	24
LDT050.029	180	6	30 / 35 / 40	24	6	24
LDT050.030	180	7	30 / 35 / 40	24	6	24
LDT050.031	200	3	30 / 35 / 40	24	6	24
LDT050.032	200	4	30 / 35 / 40	24	6	24
LDT050.033	200	5	30 / 35 / 40	24	6	24
LDT050.034	200	6	30 / 35 / 40	24	6	24
LDT050.035	200	7	30 / 35 / 40	24	6	24

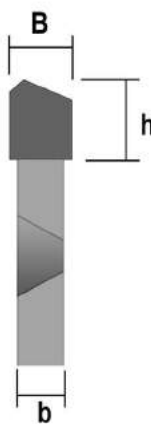
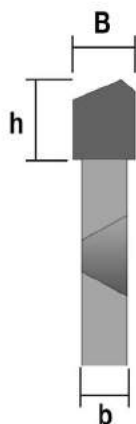
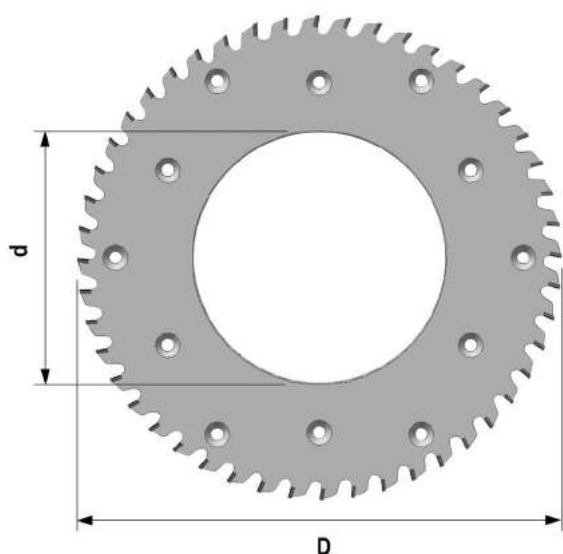
Scoring sawblades for hogging machine

D



CODE		D mm	B mm	b mm	d mm	Z	DIAMANTE
RIGHT RoT.	LEFT RoT.						h mm
LDT055.001R	LDT050.001L	125	3,4	2,2	25 / 30	24	4
LDT055.002R	LDT050.002L	125	3,4	2,2	25 / 30	30	4
LDT055.003R	LDT050.003L	150	3,2	2,2	40 / 55 / 60	30	4
LDT055.004R	LDT050.004L	150	3,2	2,2	40 / 55 / 60	36	4
LDT055.005R	LDT050.005L	180	3,2	2,2	40 / 55 / 60	30	4
LDT055.006R	LDT050.006L	180	3,2	2,2	40 / 55 / 60	36	4
LDT055.007R	LDT050.007L	200	3,2	2,2	40 / 55 / 60	36	4
LDT055.008R	LDT050.008L	200	3,2	2,2	40 / 55 / 60	48	4
LDT055.009R	LDT050.009L	125	3,4	2,2	25 / 30	24	6
LDT055.010R	LDT050.010L	125	3,4	2,2	25 / 30	30	6
LDT055.011R	LDT050.011L	150	3,2	2,2	40 / 55 / 60	30	6
LDT055.012R	LDT050.012L	150	3,2	2,2	40 / 55 / 60	36	6
LDT055.013R	LDT050.013L	180	3,2	2,2	40 / 55 / 60	30	6
LDT055.014R	LDT050.014L	180	3,2	2,2	40 / 55 / 60	36	6
LDT055.015R	LDT050.015L	200	3,2	2,2	40 / 55 / 60	36	6
LDT055.016R	LDT050.016L	200	3,2	2,2	40 / 55 / 60	48	6

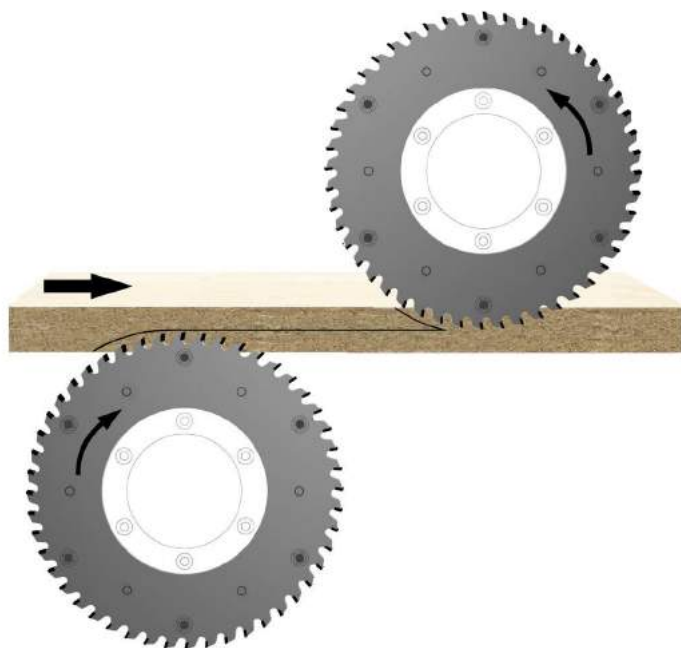
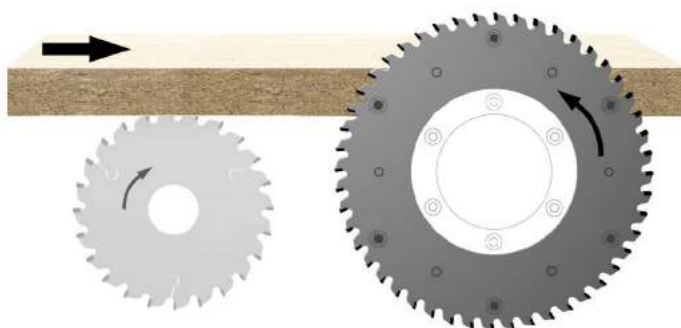




L

R

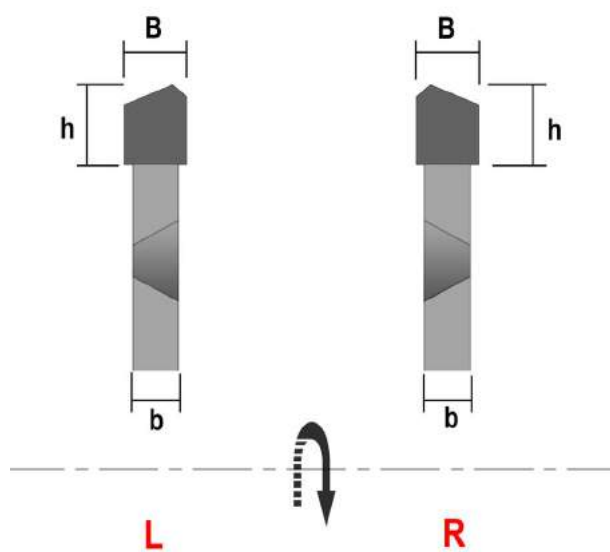
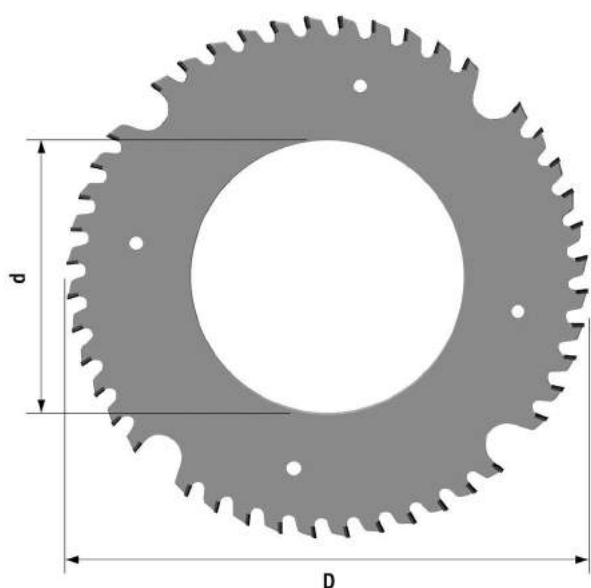
CODE		D mm	B mm	b mm	d mm	Z	DIAMANTE
RIGHT RoT.	LEFT RoT.						h mm
LDT060.001R	LDT055.001L	220	4,2	3,2	160	48	4
LDT060.002R	LDT055.002L	250	4,2	3,2	160	36	4
LDT060.003R	LDT055.003L	250	4,2	3,2	160	48	4
LDT060.004R	LDT055.004L	250	4,2	3,2	160	54	4
LDT060.005R	LDT055.005L	255	4,2	3,2	160	48	4
LDT060.006R	LDT055.006L	255	4,2	3,2	160	54	4
LDT060.007R	LDT055.007L	220	4,2	3,2	160	48	6
LDT060.008R	LDT055.008L	250	4,2	3,2	160	36	6
LDT060.009R	LDT055.009L	250	4,2	3,2	160	48	6
LDT060.010R	LDT055.010L	250	4,2	3,2	160	54	6
LDT060.011R	LDT055.011L	255	4,2	3,2	160	48	6
LDT055.012R	LDT055.012L	255	4,2	3,2	160	54	6



Sawblades for hogging-unit TDT010

D


CODE		D mm	B mm	d mm	Z	DIAMANTE
RIGHT RoT.	LEFT RoT.					h mm
LDT065.001R	LDT060.001L	225	4,2	130	48 - 4	4
LDT065.002R	LDT060.002L	225	4,2	130	48 - 4	6
LDT065.003R	LDT060.003L	250	4,2	130	48 - 4	4
LDT065.004R	LDT060.004L	250	4,2	130	48 - 4	6



SEZIONE E
SECTION E





Truciolatori con inserti **TDT010**
Hogging-unit with pcd inserts pag.71



Truciolatore monoblocco sagomato **TDT015**
Compact hogging-unit with shaped profil pag.73



Truciolatore monoblocco diritto **TDT020**
Compact hogging-unit with straight profil pag.74

TDT010

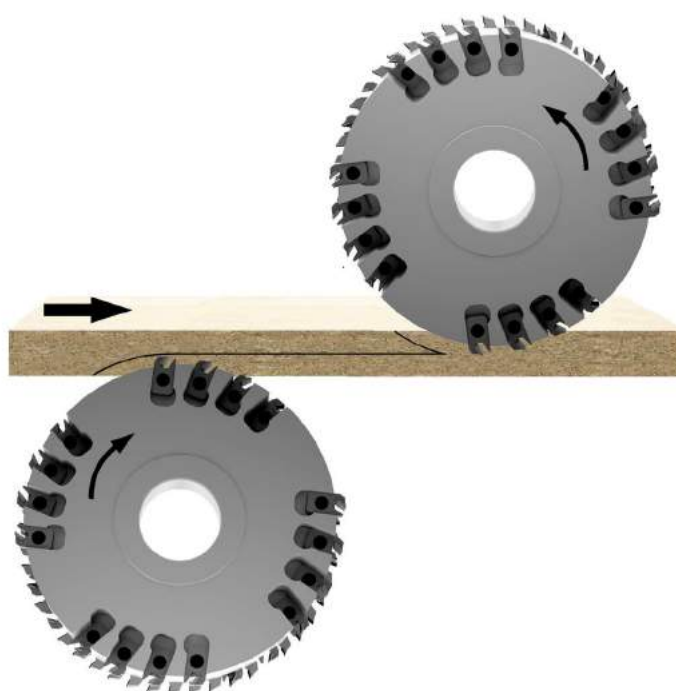
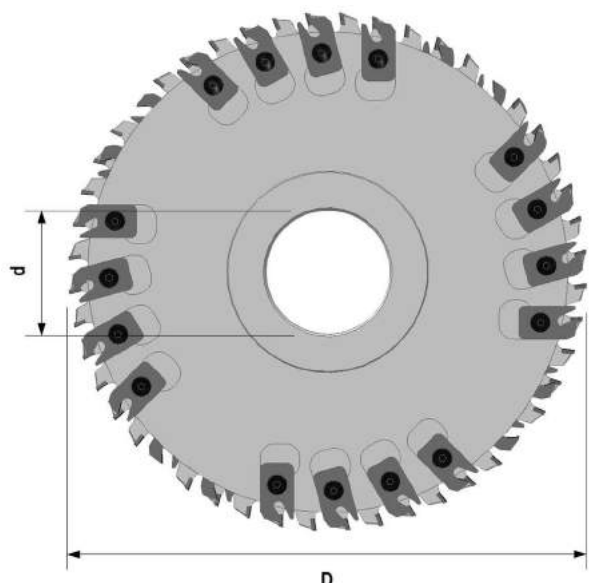
Truciolatore con inserti intercambiabili

Hogging - unit with pcd inserts

E

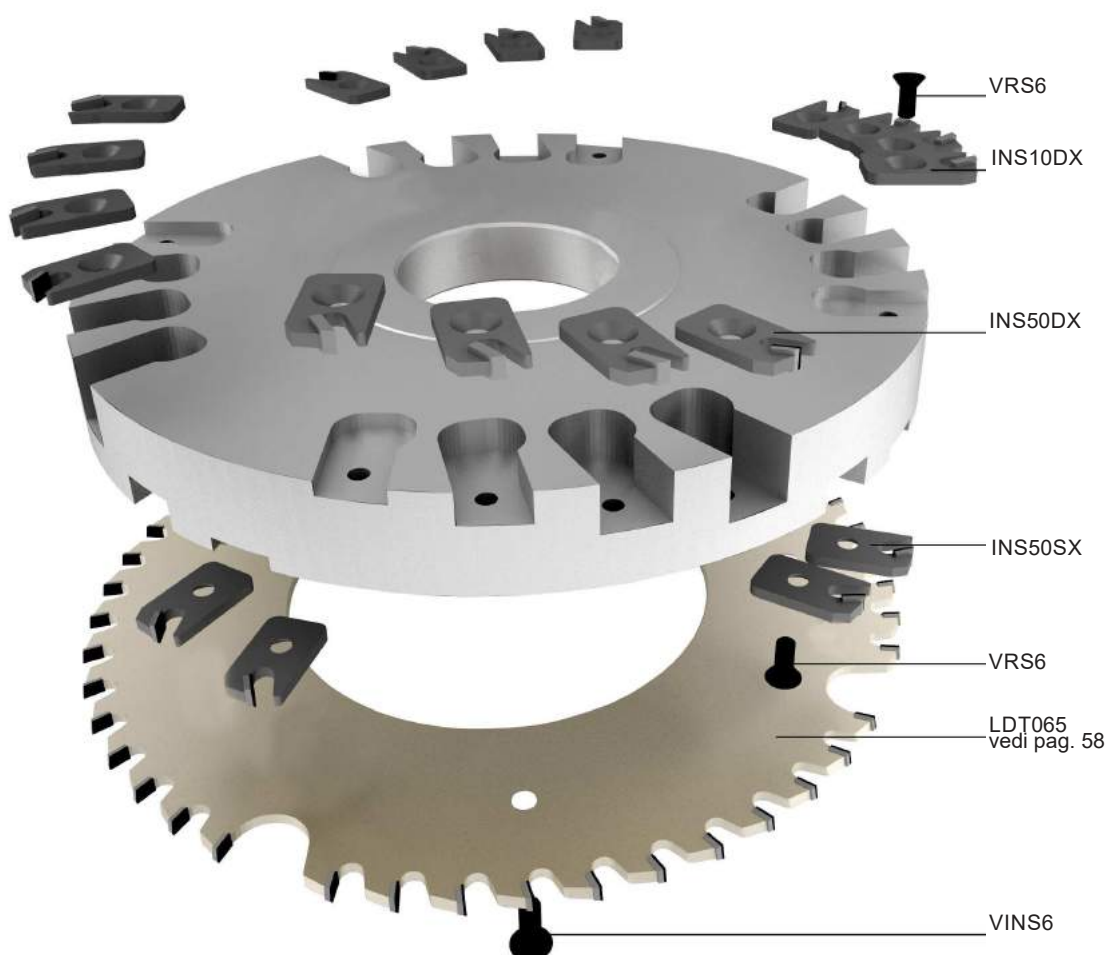


CODE		D mm	B mm	d mm	Z	DIAMANTE
RIGHT Rot.	LEFT Rot.					h mm
TDT010.001R	TDT010.001L	225	25	60	20 + 48	4
TDT010.002R	TDT010.002L	225	25	60	20 + 48	6
TDT010.003R	TDT010.003L	250	30	60	24 + 48	4
TDT010.004R	TDT010.004L	250	30	60	24 + 48	6



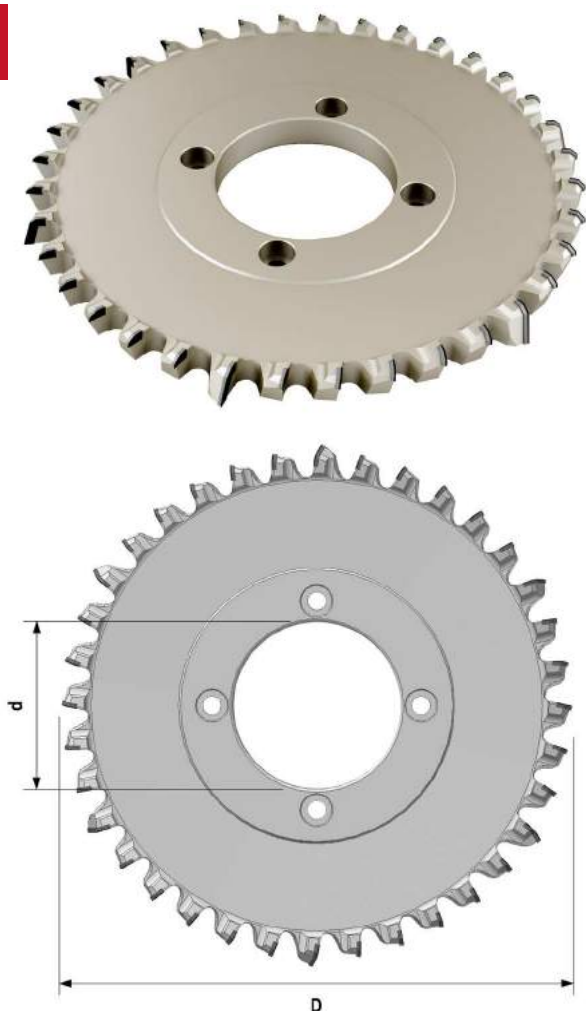
Hogging- unit with pcd inserts

CODE	PARTI DI RICAMBIO SPARE PARTS		N°
VRS6	VITE / SCREW	M5X7	16
INS10DX	INSERTO / INSERT	5mm	12
INS50DX	INSERTO / INSERT	5mm	4
INS50SX	INSERTO / INSERT	5mm	8
VRS6	VITE / SCREW	M5X7	8
LDT065	LAMA / SAWBLADES		1
VINS6	VITE / SCREW	M6X15	4

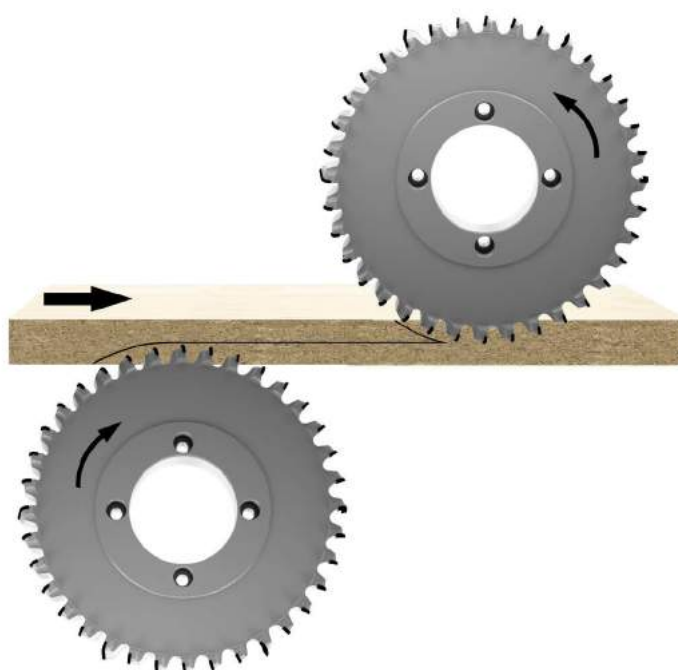


Compact hogging-unit with shaped profil

E

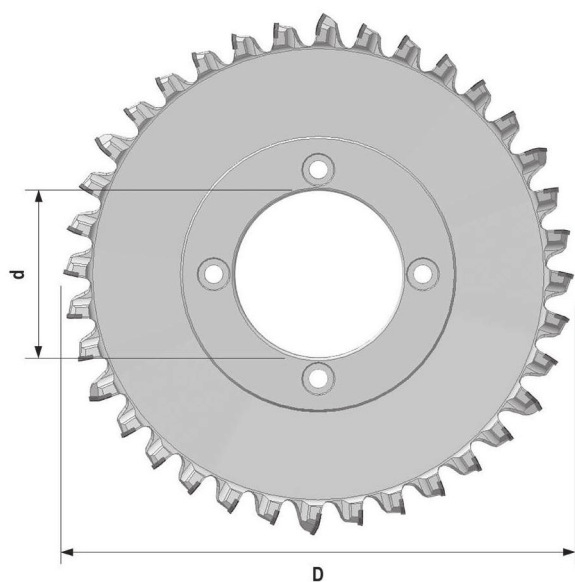


CODE		D mm	B mm	d mm	Z	DIAMANTE	
RIGHT RoT.	LEFT RoT.					h mm	n°
TDT015.001R	TDT015.001L	210	15	80	28 + 4	4	28
TDT015.002R	TDT015.002L	225	15	80	32 + 4	4	32
TDT015.003R	TDT015.003L	250	15	80	36 + 4	4	36

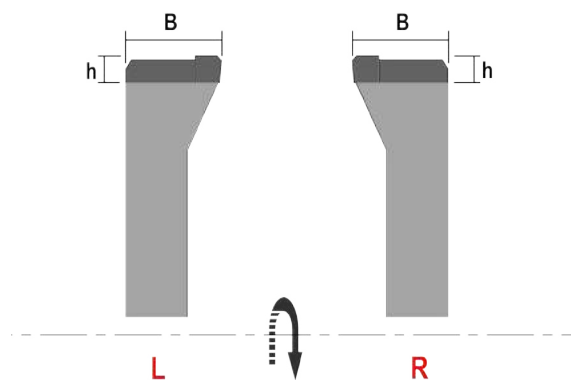
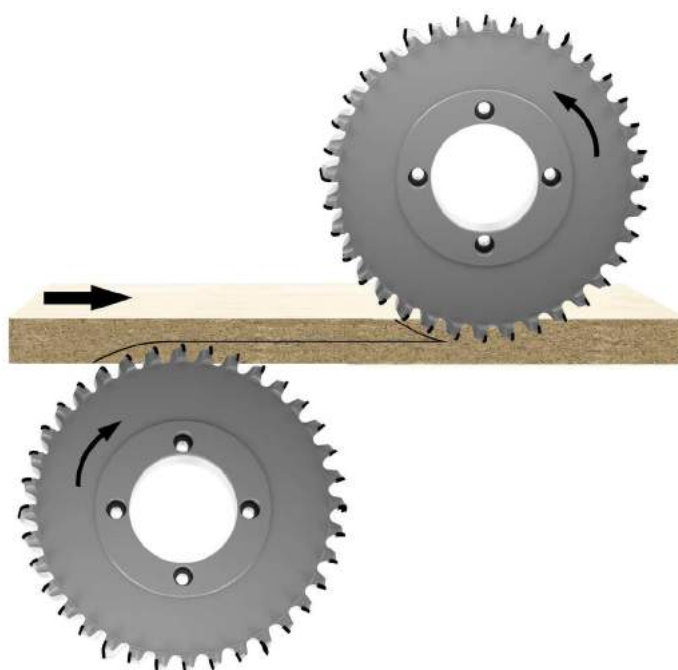


Truciatore monoblocco raggiato		Truciatore monoblocco spigolato	
TOTALE Z = 36 Z=6 Z=30		TOTALE Z = 36 Z=6 Z=30	

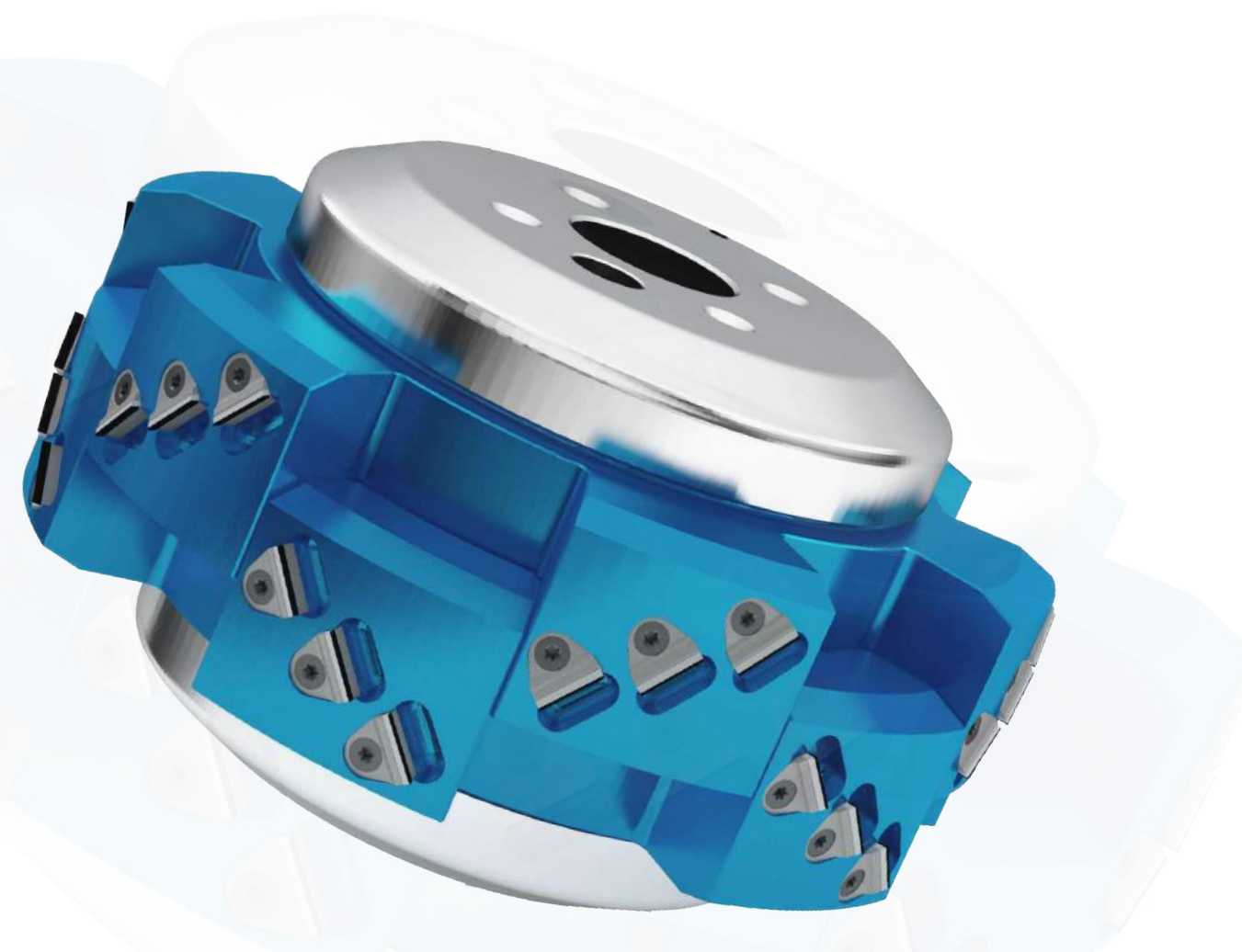
Compact hogging-unit with straight profil



CODE		D mm	B mm	d mm	Z	DIAMANTE	
RIGHT Rot.	LEFT Rot.					h mm	n°
TDT020.001R	TDT020.001L	210	15	60	36 + 6	6	36
TDT020.002R	TDT020.002L	225	15	60	42 + 6	6	42
TDT020.003R	TDT020.003L	250	15	60	48 + 4	6	48
TDT020.004R	TDT020.004L	250	15	60	54 + 6	6	54



SEZIONE F
SECTION F





Frese a finire regolabile con anelli
Adjustable finishing milling cutters with distance rings

RDT010
pag.77



Fresa a finire multitaglienti regolabile con anelli
Adjustable multi-cutting finishing milling cutters with distance rings

RDT015
pag.78



Fresa regolabile a finire con inserti intercambiabili al diamante
Adjustable finish cutter with exchangeable diamond insert

RDT020
pag.79

RDT010

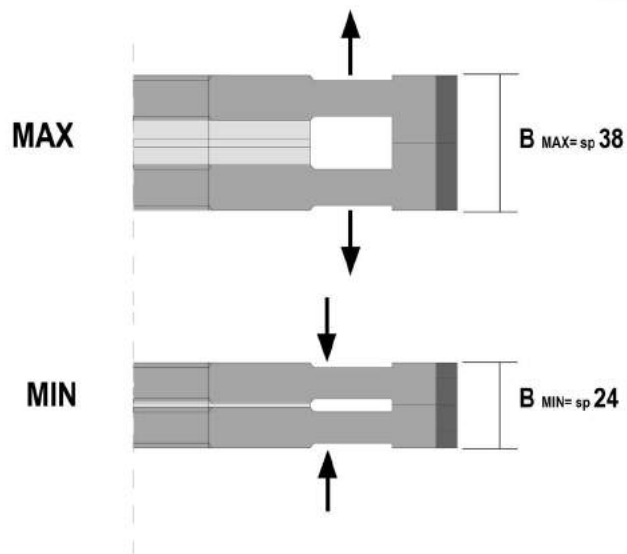
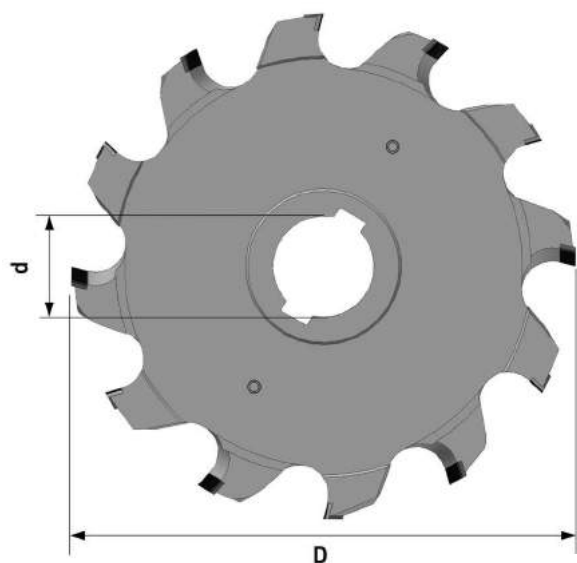
Fresa a finire regolabile con anelli

Adjustable finishing milling cutters with distance rings

F



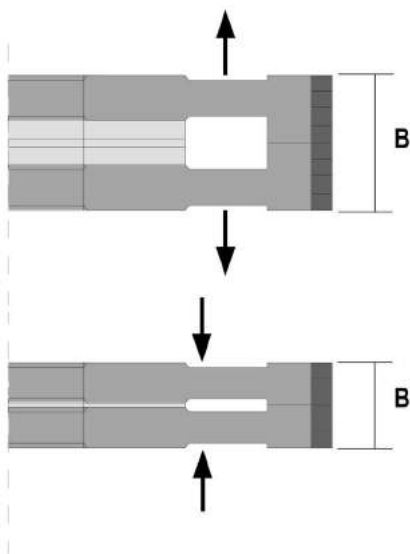
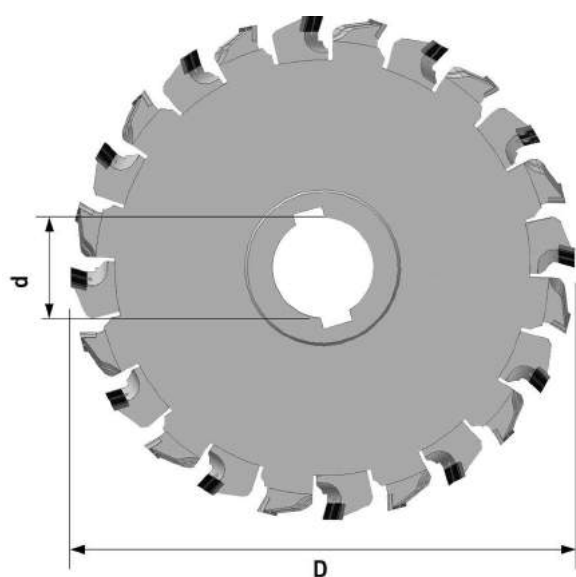
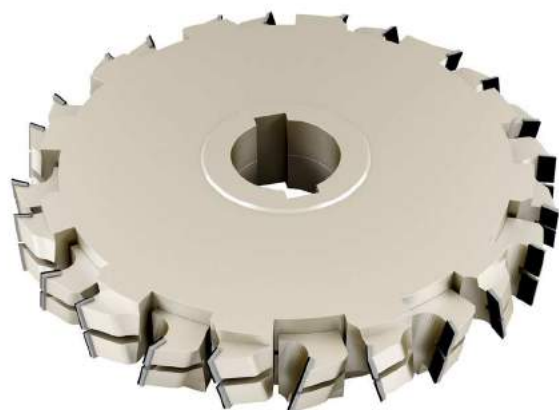
CODE	D mm	B mm	d mm	Z	DIAMANTE	
					h mm	n°
RDT010.001	150	24 - 38	30	4	6	2 X 4
RDT010.002	200	24 - 38	35	4	6	2 X 4
RDT010.003	200	24 - 38	35	6	6	2 X 6
RDT010.004	200	24 - 38	40	4	6	2 X 4
RDT010.005	200	24 - 38	40	6	6	2 X 6



RDT015

Fresa a finire multitaglienti regolabile con anelli

Adjustable multi-cutting finishing milling cutters with distance rings



CODE	D mm	B mm	d mm	Z	DIAMANTE	
					h mm	n°
RDT015.001	150	19 - 28	30	4	6	12 + 12
RDT015.002	200	19 - 28	35 / 40	4	6	12 + 12
RDT015.003	200	19 - 28	35 / 40	6	6	18 + 18
RDT015.004	200	24 - 38	35 / 40	4	6	16 + 16
RDT015.005	200	24 - 38	35 / 40	6	6	24 + 24
RDT015.006	200	29 - 48	35 / 40	4	6	20 + 20
RDT015.007	200	29 - 48	35 / 40	6	6	30 + 30
RDT015.008	200	34 - 58	35 / 40	4	6	24 + 24
RDT015.009	200	34 - 58	35 / 40	6	6	36 + 36

F

CENTERINOX

RDT020

Fresa regolabile a finire con inserti intercambiabili al diamante

Adjustable finish cutter with exchangeable diamond insert

F

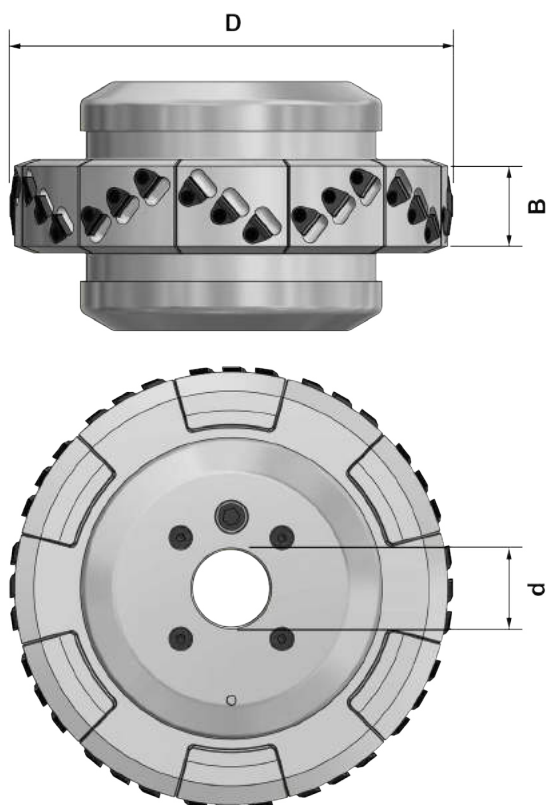


CODE		D	B	d	Z
RIGHT Rot.	LEFT Rot.	mm	mm	mm	
RDT020.001R	RDT020.001L	230	29 / 53	40	6 + 6
RDT020.002R	RDT020.002L	230	20 / 37	40	8 + 8

Fresa regolabile a finire con inserti intercambiabili al diamante, composta da due elementi regolabili tramite vite bidirezionale, adatta per lavorazioni di pannelli rivestiti, laminati, truciolari, nobilitati, impiallacciati, M.D.F., utilizzabile su macchine squadratrici.

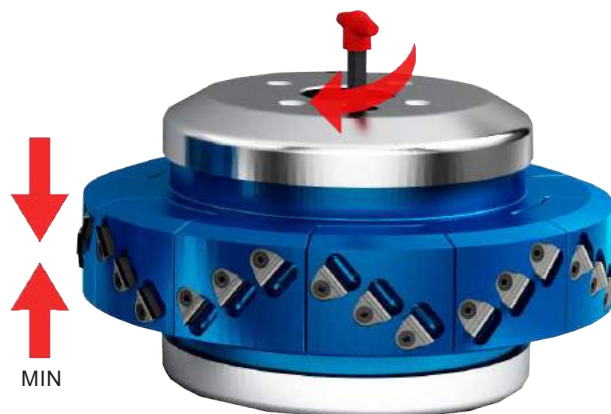
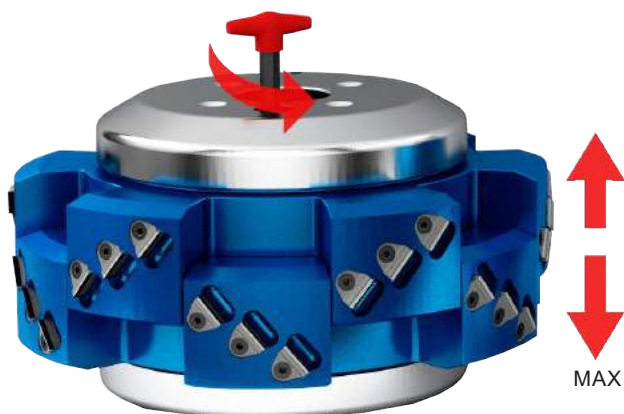
Bassa rumorosità, alto rendimento, eccellente finitura.

Adjustable finish cutter with exchangeable diamond insert, adjustable cutter by bi-directional screw, suitable to work on chipboard panel, coated, laminated, veneered and M.D.F., tool to be used on d.e.t. machine and combi edgebander. Excellent finishing, low noisiness.



OPEN

CLOSE

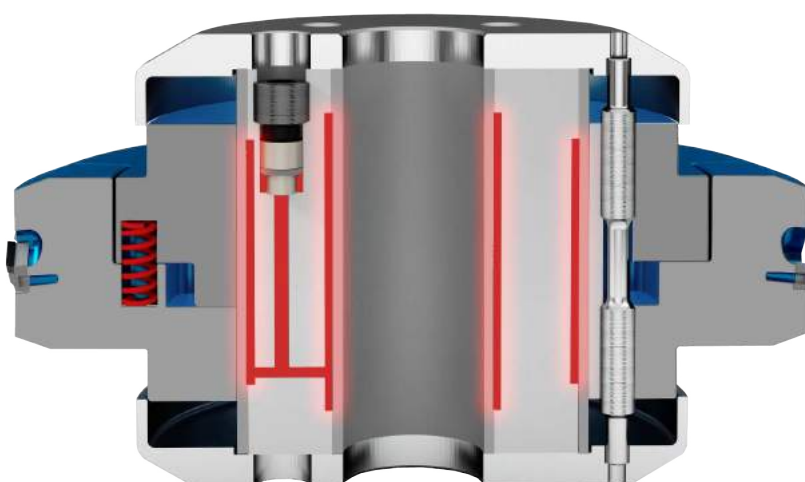
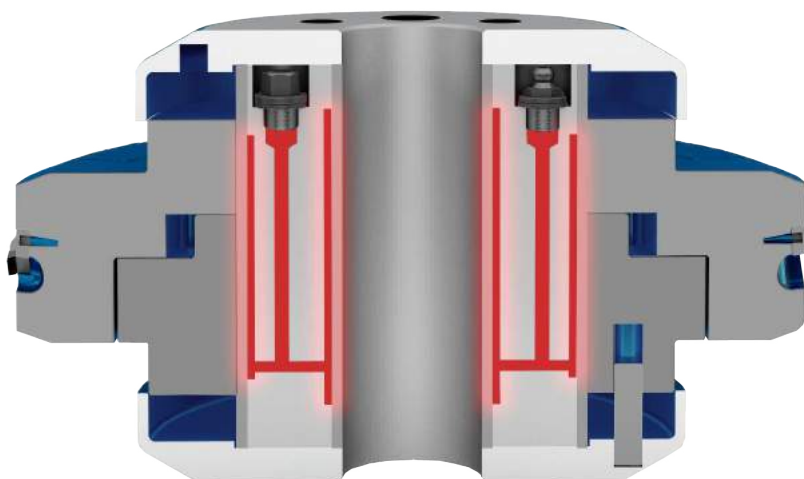
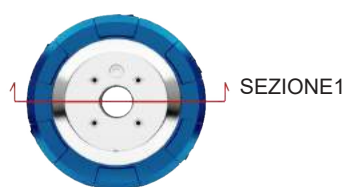
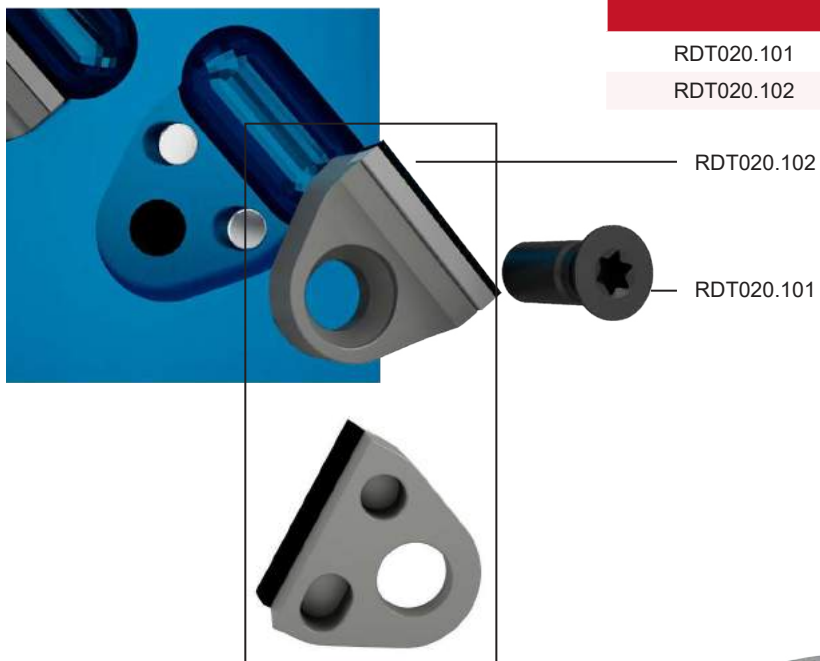


RDT020

Fresa regolabile a finire con inserti intercambiabili al diamante

Adjustable finish cutter with exchangeable diamond insert

CODE	PARTI DI RICAMBIO SPARE PARTS	
RDT020.101	VITE / SCREW	M5X7
RDT020.102	INSERTO / INSERT	5mm



SEZIONE G

SECTION G





Vortice

Vortex

pag.83



Pinze

Collets

pag.85



Mandrini

Collect chuck holders

pag.86



Adattatori

Holders

pag.93



Tiranti di aggancio per coni

Standard pull stud

pag.95



Smontaconi universale

Collet and ring

pag.96



Mandrini Hydro

Collet chuck holders Hydro

pag.97



Mandrini a serraggio poligonale

Polygonal clamping tool's holders

pag.99



Sistema di bloccaggio poligonale

Polygonal clamping system

pag.101



Mandrino HSK63F a calettamento termico

Tool holder HSK63F thermo grip fit

pag.102



Canotti

Holders

pag.103



Ghiere e spessori

Rings and spacers

pag.107



Lavatrice ad ultrasuoni

Ultrasonic cleaning

pag.111



Ingrassatore a pompa ad alta pressione

Grease high pressure pump

pag.112

VRT010

Vortice - Convogliatore a ghiera
Su pinze ER25, ER32, ER40

Vortex - Conveyor clamping nut
For ER25, ER32, ER40 spring collets

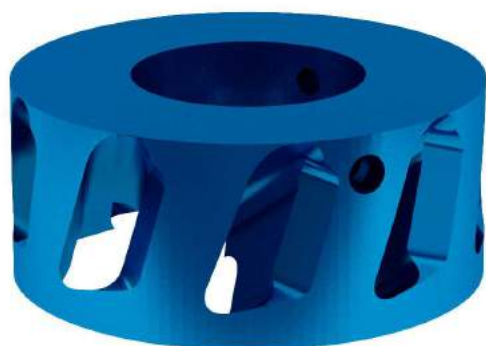


CODE	ATTACCO PER PINZA
VRT010.001	ER25
VRT010.002	ER32
VRT010.003	ER40

- VORTICE convogliatore di polvere e truciolo.
- Evita depositi di polvere e trucioli dal piano di lavoro fino al 90%.
- Rende l' ambiente di lavoro sicuro e praticamente privo di polveri dannose per l'operatore.
- Di facile utilizzo ed assemblaggio, non necessita di particolari utensili di montaggio / smontaggio.
- Range di lavoro molto ampio, da un minimo di 3mm ad un massimo di 25mm dal piano di lavoro.
- Utilizzabile con diversi tipi di frese, dalle elicoidali alle sagomate.
- Disponibile per mandrini Hidro System, ghiera ER25, ER32 ed ER40.
- Costruito in lega di Alluminio 7075 (Ergal), materiale leggero e resistente, perfetto per questo tipo di applicazioni.
- Trattamento superficiale contro la corrosione.
- Oltre che al nesting, può essere utilizzato in lavorazioni differenti, dalla contornatura alla profilatura.

- Conveyor of dust and swarf VORTEX.
- Prevent dust and swarf from the work plane up 90%.
- It makes the working enviroment safe and practically free of dust harmful to the user.
- Easy to use and assembly, no need for spacial tools for assembly / disassembly.
- Very broad work range, from a minimum of 3mm and a maximum of 25mm from the work plane.
- Used for different types of milling cutters, from the helical to the profiled ones.
- Available for Hydro System spindles, ring-nuts ER25, ER32 and ER40.
- Made in alluminum alloy 7075 (ERGAL), lightweight material and durable perfect for this kind of applications.
- Surface treatment against corrosion.
- In addition to the nesting, it can be used in different processes, from the contouring to the profiling.

 pulito  sicuro  economico



Chiave di smontaggio compresa
Removal of key included



VRT015

Vortice - Convogliatore a ghiera Su mandrini HYDRO

Vortex - Conveyor clamping nut For holders HYDRO



CODE	ATTACCO
VRT015.001	Ø20
VRT015.002	Ø25

Il convogliatore a ghiera di polvere e truciolo su mandrino Hydro è un dispositivo in grado di eliminare la polvere, durante le operazioni di Nesting e Pantografatura, di abbassare la temperatura del punto di lavorazione e di fungere da portautensile di precisione allo stesso tempo.

Offre un bloccaggio idraulico semplice e veloce per qualsiasi utensile con codolo cilindrico g6. E' ideale per applicazioni in cui è richiesta un'elevata finitura ad alta velocità nel settore legno, navale ed aerospaziale.

The Vortex on Hydro spindle is device able to eliminate dust and chip, keep low the temperature during milling process and serve also as a toll holder precision at same time.

It offers a simple and fast hydraulic clamping for any tool with a cylindrical shaft g6. And 'ideal for applications that require high high-speed finishing in the wood industry, shipbuilding and aerospace.

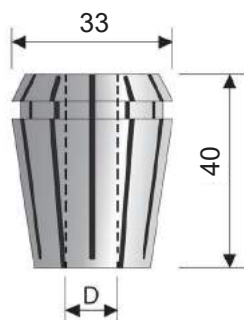
 pulito  sicuro  economico



Chiave di smontaggio compresa
Removal of key included



G



TIPO ER-32



TIPO ER-40

CODE	D mm
MPP010.001	2 - 1
MPP010.002	3 - 2
MPP010.003	3,2 - (1/8")
MPP010.004	4 - 3
MPP010.005	4,8 - (3/16")
MPP010.006	5 - 4
MPP010.007	6 - 5
MPP010.008	6,4 - (1/4")
MPP010.009	7 - 6
MPP010.010	7,9 - (5/16")
MPP010.011	8 - 7
MPP010.012	9 - 8
MPP010.013	9,5 - (3/8")
MPP010.014	10 - 9
MPP010.015	11 - 10
MPP010.016	12 - 11
MPP010.017	12,7 - (1/2")
MPP010.018	13 - 12
MPP010.019	14 - 13
MPP010.020	15 - 14
MPP010.021	15,9 - (5/8")
MPP010.022	16 - 15
MPP010.023	17 - 16
MPP010.024	18 - 17
MPP010.025	19 - 18
MPP010.026	19,1 - (3/4")
MPP010.027	20 - 19

CODE	D mm
MPP010.028	3 - 2
MPP010.029	4 - 3
MPP010.030	4,8 - (3/16")
MPP010.031	5 - 4
MPP010.032	6 - 5
MPP010.033	6,4 - (1/4")
MPP010.034	7 - 6
MPP010.035	7,9 - (5/16")
MPP010.036	8 - 7
MPP010.037	9 - 8
MPP010.038	9,5 - (3/8")
MPP010.039	10 - 9
MPP010.040	11 - 10
MPP010.041	12 - 11
MPP010.042	12,7 - (1/2")
MPP010.043	13 - 12
MPP010.044	14 - 13
MPP010.045	15 - 14
MPP010.046	15,9 - (5/8")
MPP010.047	16 - 15
MPP010.048	17 - 16
MPP010.049	18 - 17
MPP010.050	19 - 18
MPP010.051	19,1 - (3/4")
MPP010.052	20 - 19
MPP010.053	21 - 20
MPP010.054	22 - 21
MPP010.055	23 - 22
MPP010.056	24 - 23
MPP010.057	25 - 24
MPP010.058	25,4 - (1")
MPP010.059	26 - 25
MPP010.060	30 - 29

MPP015

Mandrini HSK-63F per pinze ER-32/40

Collet chuck holders HSK-63F for collect ER-32/40

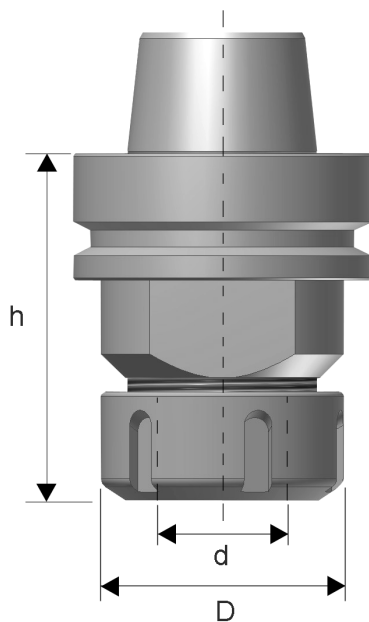


TIPI DI MACCHINARI		BIESSE-EIMA-HOMAG-SCM- IMA(da9/94<)-WEEKE-DUBUS-BUSELLATO			
CODE		h mm	D mm	d mm	GHIERA
RIGHT Rot.	LEFT Rot.				
MPP015.001R	MPP015.001L	73	50	3 - 20	ER-32
MPP015.002R	MPP015.002L	80	63	4 - 30	ER-40

G

La pinza non è compresa nel mandrino

Collect not included



Ricambi / Parts

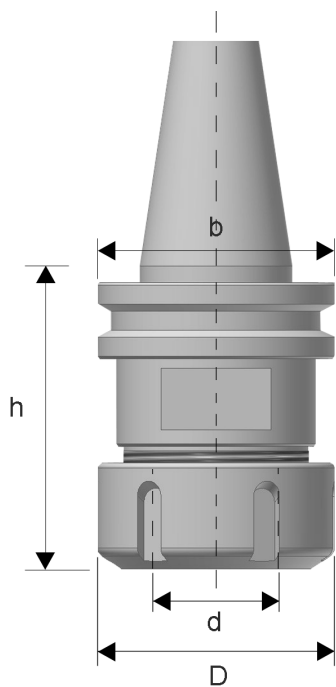
ghiera	GHI1	DX	pinza	vedi pag. 85	chiave	CHT18	ER32
	GHI2	SX				CHT19	ER40
nut			collect		key		

MPP020

Mandrini ISO-30 per pinze ER-32/40

Collet chuck holders ISO-30 for collect ER-32/40

G



MONTAGGIO SU MACCHINA: **BIESSE - COSMEC - MASTERWOOD**

CODE		h mm	D mm	d mm	b mm	GHIERA
RIGHT Rot.	LEFT Rot.					
MPP020.001R	MPP020.001L	50	50	3 - 20	50	ER-32
MPP020.002R	MPP020.002L	57	63	4 - 30	50	ER-40

MONTAGGIO SU MACCHINA: **BIESSE - SCM - MORBIDELLI - EIMA-DUBUS - WEEKE**

CODE		h mm	D mm	d mm	b mm	GHIERA
RIGHT Rot.	LEFT Rot.					
MPP020.003R	MPP020.003L	68	50	3 - 20	50	ER-32
MPP020.004R	MPP020.004L	68	63	4 - 30	50	ER-40

MONTAGGIO SU MACCHINA: **CMS**

CODE		h mm	D mm	d mm	b mm	GHIERA
RIGHT Rot.	LEFT Rot.					
MPP020.005R	MPP020.005L	60	50	3 - 20	46	ER-32
MPP020.006R	MPP020.006L	65	63	4 - 30	46	ER-40

La pinza ed il tirante non sono compresi nel mandrino.

Collect and pull stud not included.

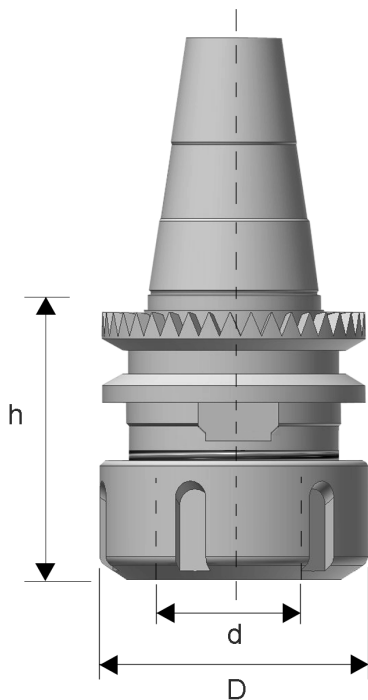
Ricambi / Parts

ghiera	GHI1	DX	pinza	vedi pag.85	chiave	CHT18	ER32	tirante	vedi pag.95
nut	GHI2	SX	collect		key	CHT19	ER40	pull stud	
									

MPP025

Mandrini ISO-30 per pinze ER-32 con flangia dentata

Collet chuck holders ISO-30 for collect ER-32 whit serrated flange



MONTAGGIO SU MACCHINA: **SCM - MORBIDELLI**

CODE		h mm	D mm	d mm	b mm	GHIERA
RIGHT Rot.	LEFT Rot.					
MPP025.001R	MPP025.001L	55	50	3 - 20	50	ER-32
MPP025.002R	MPP025.002L	74	63	4 - 30	50	ER-40

La pinza ed il tirante non sono compresi nel mandrino

Collect and pull stud not included



Ricambi / Parts

ghiera	GHI1	DX	pinza	vedi pag.85	chiave	CHT18	ER32	tirante	vedi pag.95
nut	GHI2	SX	collect		key	CHT19	ER40	pull stud	

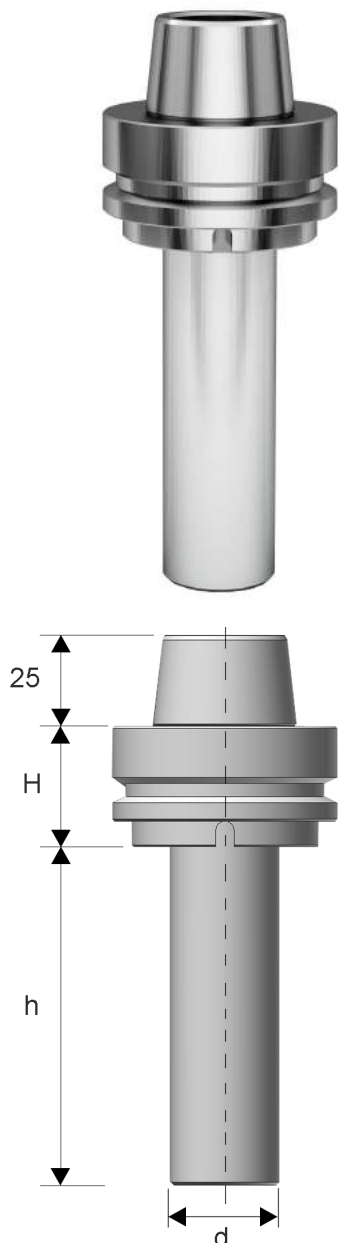


MPP030

Mandrini HSK-63F alberato

Toolholders HSK-63F

G



MONTAGGIO SU MACCHINA: BIESSE - DUBUS - WEEKE - HOMAG -
BUSELLATO - EIMA - IMA (da 9/94)

CODE	h mm	H mm	d mm
MPP030.001	70	42	20
MPP030.002	70	42	30
MPP030.003	80	42	30
MPP030.004	100	42	30
MPP030.005	150	42	30
MPP030.006	70	42	35
MPP030.007	80	42	35
MPP030.008	100	42	35
MPP030.009	150	42	35
MPP030.010	70	42	40
MPP030.011	80	42	40
MPP030.012	100	42	40
MPP030.013	150	42	40

MONTAGGIO SU MACCHINA: SCM - MORBIDELLI

CODE	h mm	H mm	d mm
MPP030.014	70	33	20
MPP030.015	70	33	30
MPP030.016	80	33	30
MPP030.017	100	33	30
MPP030.018	150	33	30
MPP030.019	70	33	35
MPP030.020	80	33	35
MPP030.021	100	33	35
MPP030.022	150	33	35
MPP030.023	70	33	40
MPP030.024	80	33	40
MPP030.025	100	33	40
MPP030.026	150	33	40

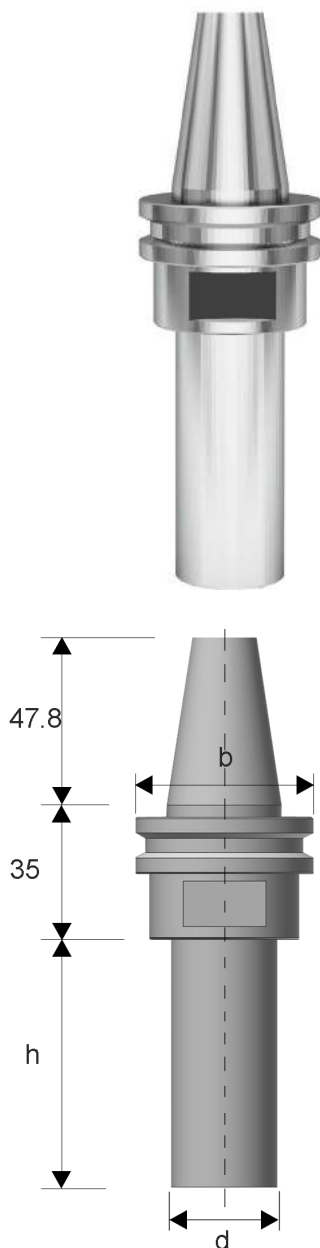
Completo di viti e flangia prolungata

Screw and reduced flanged cap incuded

Ricambi / Parts

flangia prolungata <i>expanded flanged cap</i>	TAMP 	flangia femmina <i>reduced flanged cap</i>	TAPF 	vite per flangia <i>screw for flange</i>	ESM6X20 
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Tools'holders ISO-30



Completo di viti e flangia prolungata

Screw and reduced flanged cap incuded

MONTAGGIO SU MACCHINA: **BIESSE-COSMEC-HOMAG-MAKA-BULLERI-ALBERTI-BUSELLATO-MASTERWOOD-REICHENBACHER**

CODE	h mm	b mm	d mm
MPP035.001	70	50	20
MPP035.002	70	50	30
MPP035.003	80	50	30
MPP035.004	100	50	30
MPP035.005	150	50	30
MPP035.006	70	50	35
MPP035.007	80	50	35
MPP035.008	100	50	35
MPP035.009	150	50	35

MONTAGGIO SU MACCHINA: **CMS**

CODE	h mm	b mm	d mm
MPP035.010	70	46	20
MPP035.011	70	46	30
MPP035.012	80	46	30
MPP035.013	100	46	30
MPP035.014	150	46	30
MPP035.015	70	46	35
MPP035.016	80	46	35
MPP035.017	100	46	35
MPP035.018	150	46	35

MONTAGGIO SU MACCHINA: **ESSETEAM - UNITEAM - TEKTEAM**

CODE	h mm	b mm	d mm
MPP035.019	70	33	20
MPP035.020	70	33	30
MPP035.021	80	33	30
MPP035.022	100	33	30
MPP035.023	150	33	30
MPP035.024	70	33	35
MPP035.025	80	33	35
MPP035.026	100	33	35
MPP035.027	150	33	35

Ricambi / Parts

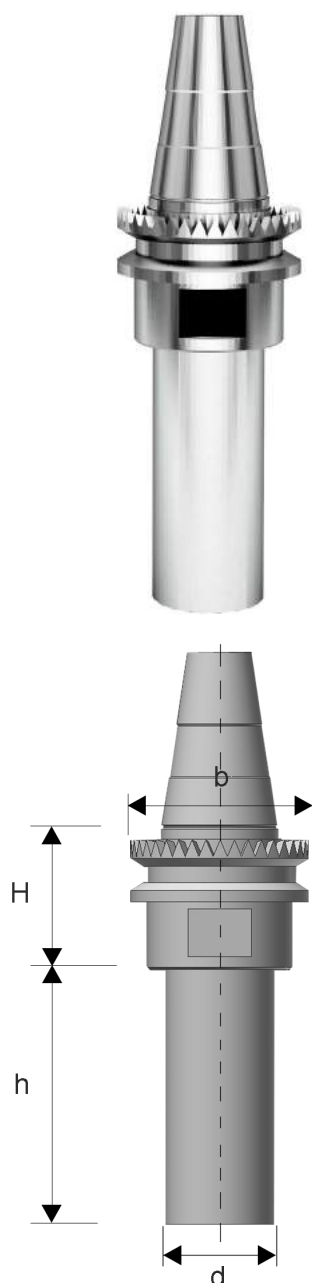
flangia prolungata <i>expanded flanged cap</i>	TAPM 	flangia femmina <i>reduced flanged cap</i>	TAPF 	vite per flangia <i>screw for flange</i>	ESM6X20 	tirante <i>pull stud</i>	vedi pag.95 
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MPP040

Mandrini ISO30 con flangia dentata

Collet chuck holders ISO-30 whit serrated flange

G



MONATGGIO SU MACCHINA: **MORBIDELLI - SCM**

CODE	h mm	H mm	b mm	d mm
MPP040.001	70	39	49	30
MPP040.002	100	39	49	30

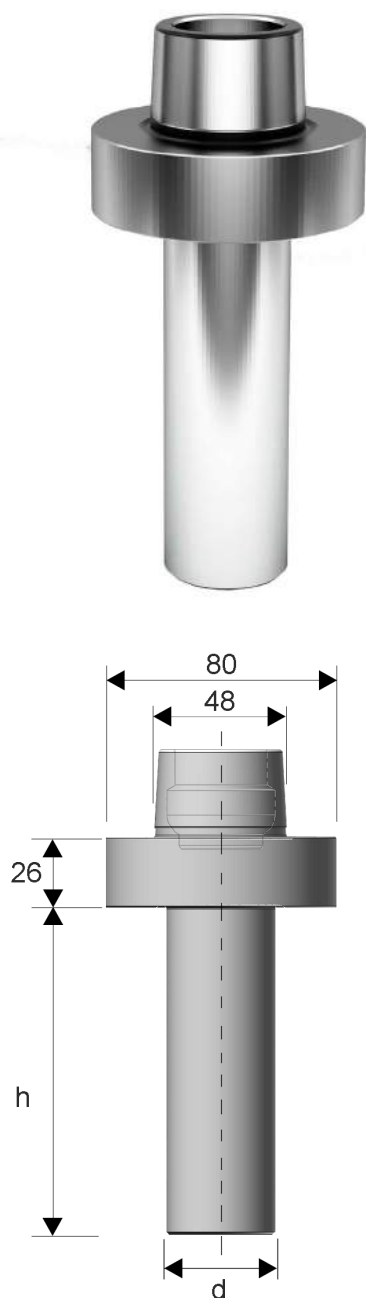
Completo di viti e flangia prolungata

Screw and expanded flanged cap included

CENTERINOX

Ricambi / Parts

flangia prolungata <i>expanded flanged cap</i>	TAPM 	flangia femmina <i>reduced flanged cap</i>	TAPF 	vite per flangia <i>screw for flange</i>	ESM6X20 	tirante <i>pull stud</i>	vedi pag.95 
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ALBERO PORTAFRESA		
CODE	h mm	d mm
MPP045.001	93	30
MPP045.002	103	30
MPP045.003	123	30
MPP045.004	203	30
MPP045.005	80	1" 1/4
MPP045.006	150	1" 1/4
MPP045.007	200	2"
MPP045.008	93	35
MPP045.009	103	35
MPP045.010	123	35
MPP045.011	203	35
MPP045.012	93	40
MPP045.013	103	40
MPP045.014	123	40
MPP045.015	203	40
MPP045.016	93	50
MPP045.017	103	50
MPP045.018	123	50
MPP045.019	203	50

Completo di viti e flangia femmina

Screw and reduced flanged cap included

Ricambi / Parts

flangia prolungata <i>expanded flanged cap</i>	TAPM	flangia femmina <i>reduced flanged cap</i>	TAPF	vite per flangia <i>screw for flange</i>	ESM6X20

HSK63F holder for sawblades

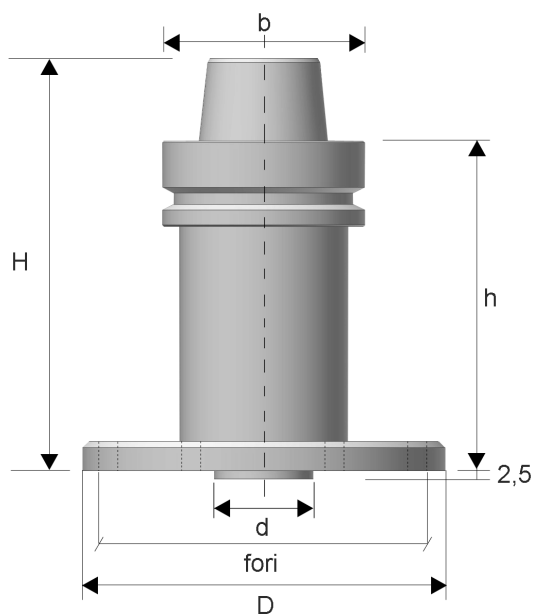
G



CODE	h mm	H mm	b mm	d mm	D mm	FORI
MPP050.001	40	65	63	30	110	n°6 a ø 90
MPP050.002	100	125	63	30	110	n°6 a ø 90
MONTAGGIO SU MACCHINA COSMEC						
MPP050.003	60	85	63	30	110	n°8 a ø 90

- Viene fornito di n° 6viti M6 per il fissaggio della lama
- Si consiglia l'utilizzo con lame circolari di diametro compreso tra 200mm e 300mm

- Equipped with n°6 screw M6
- To use with saw blade between 200mm/300mm diameter



Esempio di montaggio
Cono HSK63F con lama inserita

Mounting example
Cone HSK63F with sawblades inserted

Vite M6 con testa svasata per
serraggio lama



MPP055

Adattatori per lame circolari

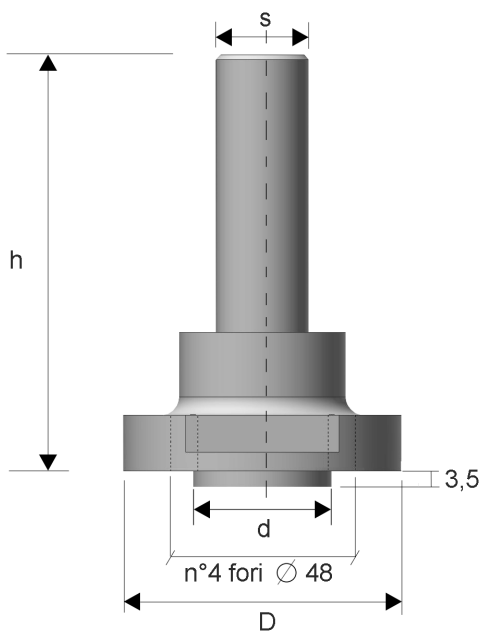
Holder for sawblades



CODE	h mm	S	d mm	D mm
MPP055.001	60	diam.20X60	30	60

- Viene fornito di n° 4viti M6 per il fissaggio della lama e vite di sicurezza
- Si consiglia l'utilizzo con lame circolari di diametro compreso tra 150mm e 200mm

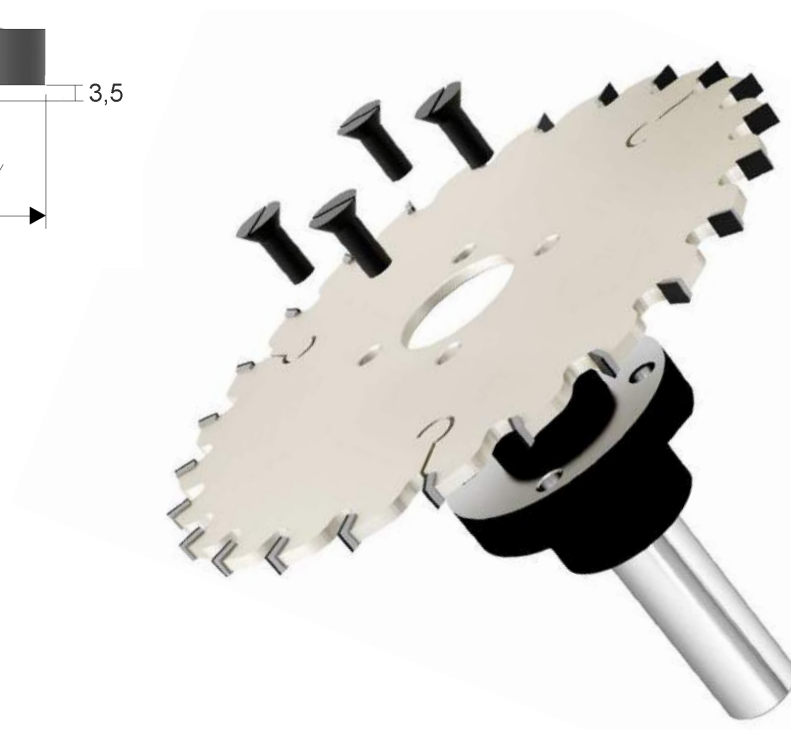
- Equipped with n°4 screw M6
- To use with saw blade between 150mm/200mm diameter



Esempio di montaggio con lama inserita

Mounting example with sawblades inserted

Vite M6 con testa svasata per serraggio lama

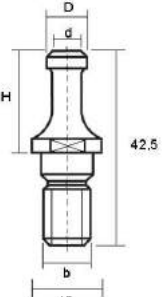


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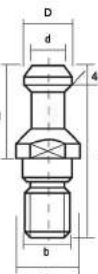
MONTAGGIO SU MACCHINA **MORBIDELLI** E **SCM** PORTAUTENSILI CON FLANGIA DENTATA

CODE	H	D	d	b	TIPO
MPP060.001	22	8.5	6.5	M10	ISO30

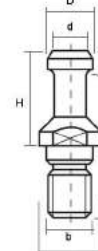
MONTAGGIO SU MACCHINA : **ALBERTI** - **VITAP** - **MASTERWOOD** (motori G. Colombo)

CODE	H	D	d	b	TIPO
MPP060.002	24	12.8	9	M12	ISO30

MONTAGGIO SU MACCHINE **CMS** PORTAUTENSILI CON FLANGIA DIAMETRO 46

CODE	H	D	d	b	TIPO
MPP060.003	24	12.8	9	M12	ISO30

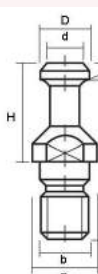
MONTAGGIO SU MACCHINE **BIESSE** (fino al 9/9/92)

CODE	H	D	d	b	TIPO
MPP060.004	24	12.8	9	M12	ISO30



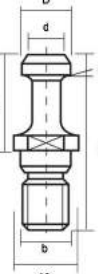

MONTAGGIO SU MACCHINA: **BUSELLATO** - **WEEKE** - **MAKA** - **BULLERI** - **IMA** - **COSMEC** - **REIHENBACHER** - **ELTE**

CODE	H	D	d	b	TIPO	LT	D ₁
MPP060.005	24	13	9	M12	ISO30	44	17
MPP060.006	26	19	14	M16	ISO40	54	23

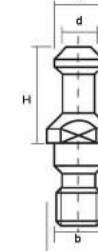
MONTAGGIO SU MACCHINA **ESSETEAM** PORTAUTENSILI CON FLANGIA NON FRESATA

CODE	H	D	d	b	TIPO
MPP060.007	24	12	8	M12	ISO30

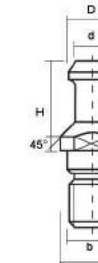
MONTAGGIO SU MACCHINE **BELOTTI**

CODE	H	D	d	b	TIPO
MPP060.008	24	12.8	9	M12	ISO30

MONTAGGIO SU MACCHINE **BIESSE**(fino al 9/9/92) - **MASTERWOOD** (motori H.S.D.)- **BULLERI** - **THERMWOOD**

CODE	H	D	d	b	TIPO
MPP060.009	24	12.8	9	M12	ISO30

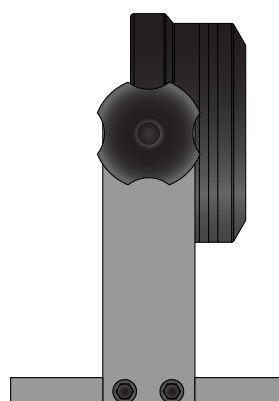
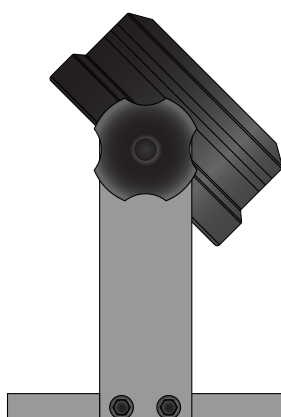
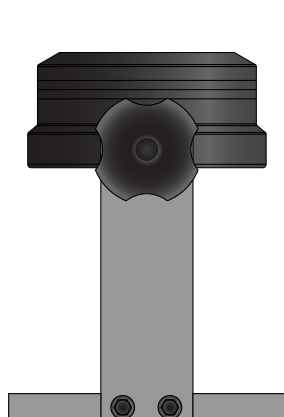
Collet and ring



CODE	MACCHINE
MPP065.001	Per coni ISO30 con flangia $\varnothing$ 50
MPP065.002	Per coni ISO30 con flangia $\varnothing$ 58 (motori Elte/Esseteam)
MPP065.003	Per coni HSK63F con flangia $\varnothing$ 63
MPP065.004	Per coni ISO40 con flangia $\varnothing$ 63.5

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- Si blocca sul diametro della flangia
- Si può posizionare a piacimento ruotando da 0° a 90°
- Lock on the flange diameter
- It can be positioned from 0° to 90°

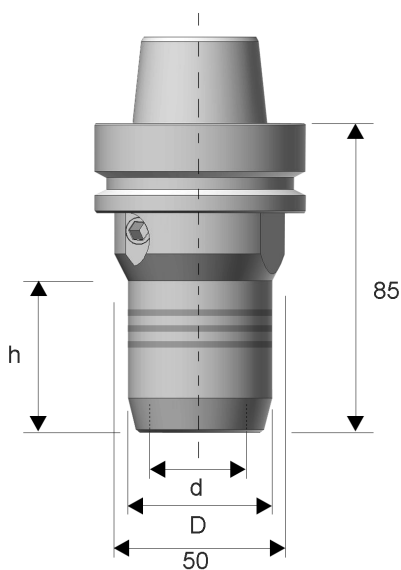


MPP070

Mandrini HSK-63F Hydro

Hydro clamping tools'holders HSK-63F

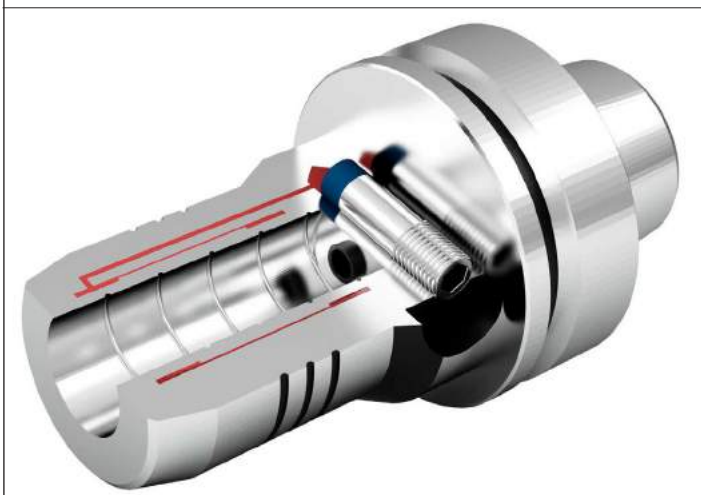
G



CODE	h mm	d mm	D mm
MPP070.001	50	20	42
MPP070.002	52	25	50

Agendo sulla vite si manda in pressione il liquido presente nella camera riducendo così il diametro del foro del mandrino. Questo provoca un serraggio uniforme dell'utensile.

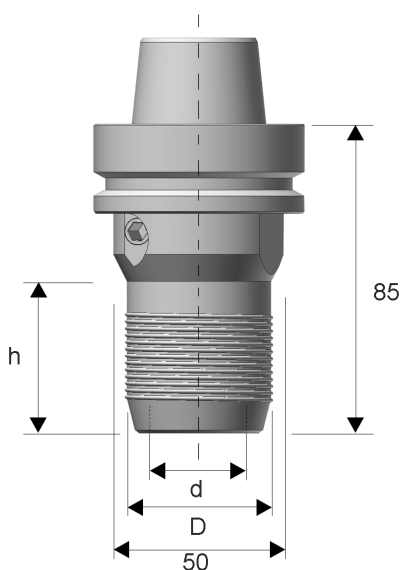
Working on the screw we add pressure to the liquid part into the toolholder that clamp uniformly the tool's shank.



MPP075

Mandrini HSK-63F Hydro filettati

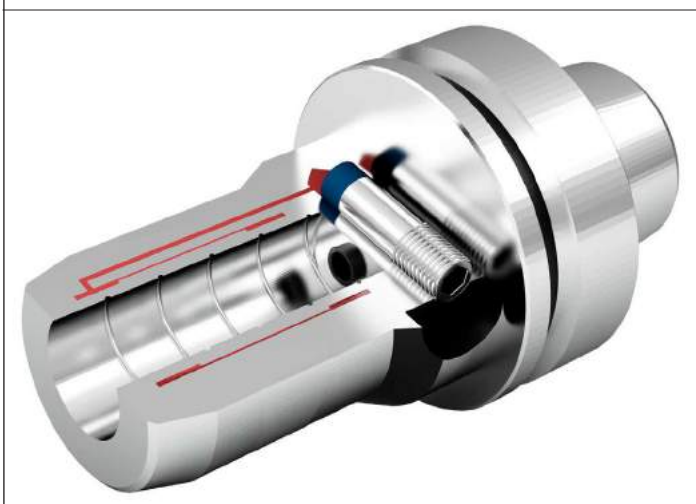
Hydro clamping tools'holders HSK-63F threaded



CODE	h mm	d mm	D mm
MPP075.001	50	20	42
MPP075.002	52	25	50

Agendo sulla vite si manda in pressione il liquido presente nella camera riducendo così il diametro del foro del mandrino. Questo provoca un serraggio uniforme dell'utensile.

Working on the screw we add pressure to the liquid part into the toolholder that clamp uniformly the tool's shank.



Utilizzato per il montaggio del Vortice VRT015.
Vedi pag.84

Use for Vortex VRT015.
See page 84



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MPP080

Mandrini a serraggio poligonale HSK-63F

Polygonal clamping tools'holders HSK-63F

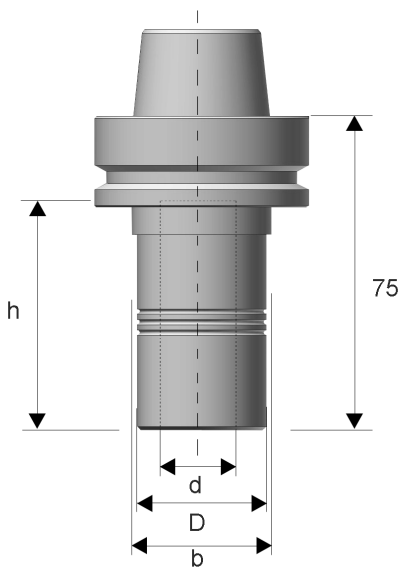
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CODE	h mm	d mm	D mm	b mm
MPP080.001	48.5	12	19	21
MPP080.002	49	16	25	27
MPP080.003	53	20	30	32
MPP080.004	55	25	35	37

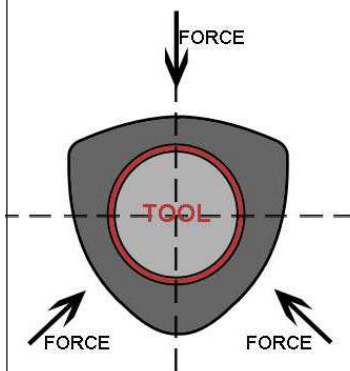
Offriamo servizio di apertura e serraggio del mandrino per affilatura o sostituzione dell'utensile.

Our company offers toolholder's opening and closing service to substitute or resharpen the tool.



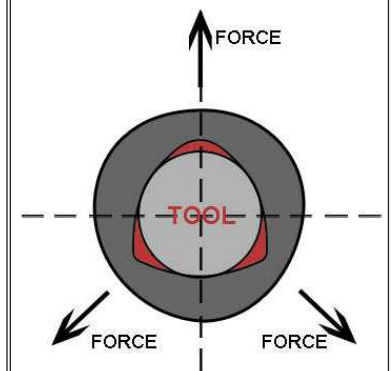
Sotto pressione, la sede poligonale diviene tonda, permettendo l'inserimento o l'estrazione dell'utensile.

Under pressure the polygonal part became rounded in the order to insert or take out tool.



Tolta la pressione, la sede ritorna poligonale, bloccando l'utensile in tre punti.

Without pressure the inside part return polygonal in the order to stop the tool on 3 point.



MPP085

Mandrini a serraggio poligonale ISO30

Polygonal clamping tools'holders ISO30

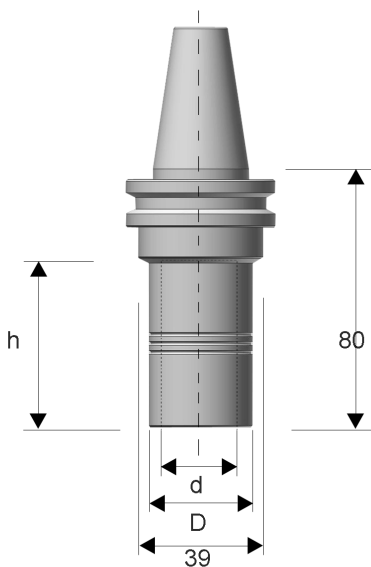


CODE	h mm	d mm	D mm
MPP085.001	47	12	19
MPP085.002	48	16	25
MPP085.003	52	20	30
MPP085.004	55	25	35

G

Offriamo servizio di apertura e serraggio del mandrino per affilatura o sostituzione dell'utensile.

Our company offers toolholder's opening and closing service to substitute or resharpen the tool.

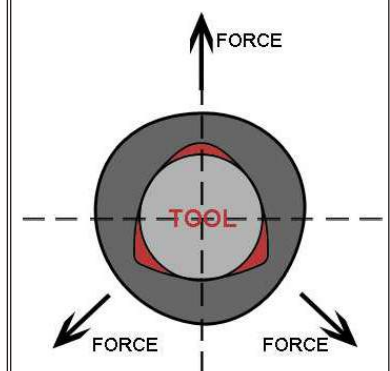
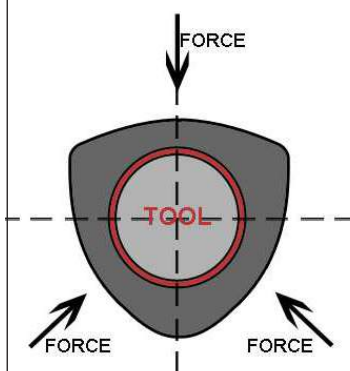


Sotto pressione, la sede poligonale diviene tonda, permettendo l'inserimento o l'estrazione dell'utensile.

Under pressure the polygonal part became rounded in the order to insert or take out tool.

Tolta la pressione, la sede ritorna poligonale, bloccando l'utensile in tre punti.

Without pressure the inside part return polygonal in the order to stop the tool on 3 point.



MPP088

Sistema di bloccaggio poligonale

Polygonal Clamping System

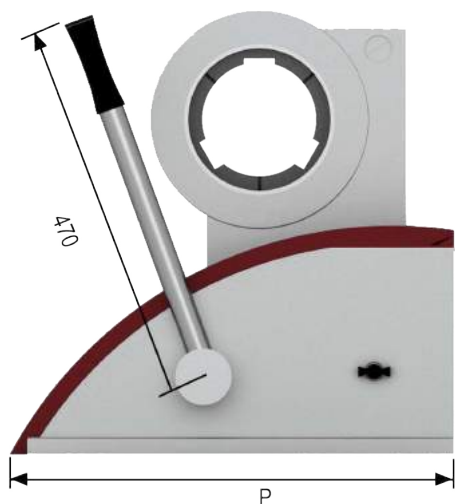
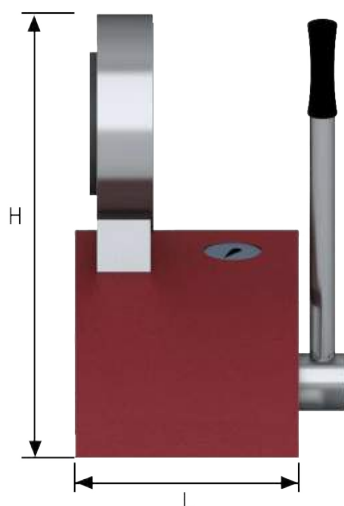
G



CODE	L mm	H mm	P mm	Peso Weight
MPP088.001	300	370	347	29.5

Dispositivi per il serraggio e lo sbloccaggio del mandrino porta utensili.
Esecuzione con pompa manuale per un azionamento veloce e per un cambio frequente di utensili MPP080 / MPP085.

*Device for clamping and relasing the MPP080 / MPP085 toolholders.
Design with manual pump for quick actuation and for frequent tool changes.*



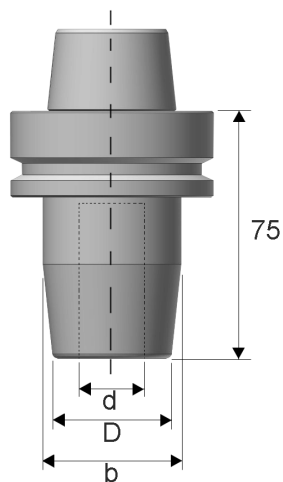
MPP090

Mandrino HSK63F a calettamento termico

Tool holder HSK63F thermo grip fit

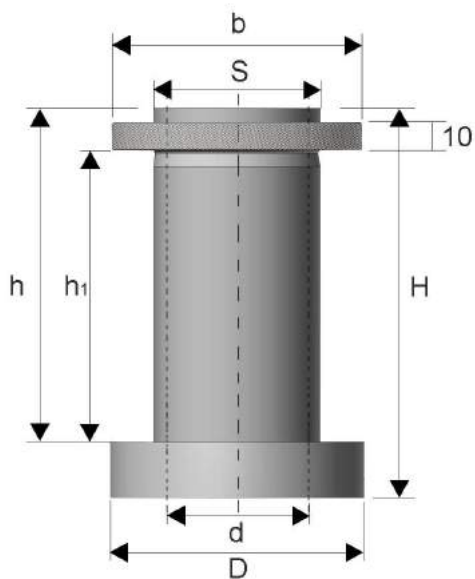


CODE	d mm	D mm	b mm
MPP090.001	12	28	34
MPP090.002	16	28	34
MPP090.003	20	36	42
MPP090.004	25	36	42



G

G



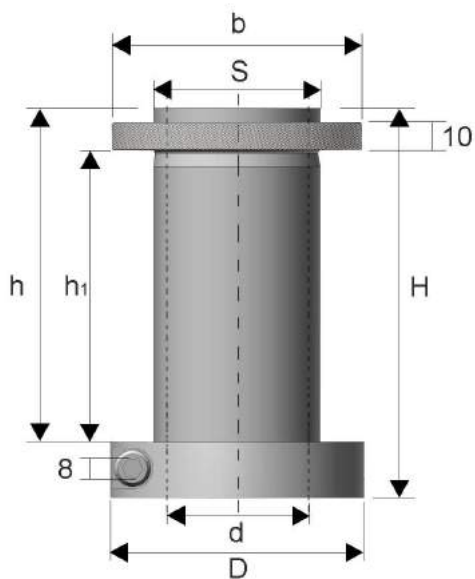
Ricambio / Part

Flangia per riduzione fori
vedi pag.112

Bores - reducing spacing collars
see page 112



CODE	d mm	S mm	D mm	b mm	H mm	h ₁ mm	h mm
MPP095.001	40	50	83	83	75	40	55
MPP095.002	40	50	83	83	115	80	95
MPP095.003	40	60	93	90	75	40	55
MPP095.004	40	60	93	90	95	60	65
MPP095.005	40	60	93	90	115	80	95
MPP095.006	40	60	93	90	165	130	145
MPP095.007	40	60	93	90	215	180	195
MPP095.008	45	60	93	90	75	40	55
MPP095.009	45	60	93	90	95	60	75
MPP095.010	45	60	93	90	115	80	95
MPP095.011	45	60	93	90	140	105	120
MPP095.012	45	60	93	90	190	155	170
MPP095.013	50	60	93	90	75	40	55
MPP095.014	50	60	93	90	95	60	7
MPP095.015	50	60	93	90	115	80	95
MPP095.016	50	60	93	90	140	105	120
MPP095.017	50	60	93	90	190	155	170
MPP095.018	50	60	93	90	240	205	220
MPP095.019	60	70	105	105	75	40	55
MPP095.020	60	70	105	105	140	105	120
MPP095.021	60	70	105	105	190	155	170
MPP095.022	1 1/2"	50	83	83	85	50	65
MPP095.023	1 1/2"	50	83	83	135	100	115
MPP095.024	1 1/2"	50	83	83	185	150	165
MPP095.025	1 13/16"	60	93	90	75	40	55
MPP095.026	1 13/16"	60	93	90	115	80	95
MPP095.027	1 13/16"	60	93	90	190	155	170
MPP095.028	1 13/16"	65	98	98	85	50	65
MPP095.029	1 13/16"	65	98	98	135	100	115
MPP095.030	1 13/16"	65	98	98	185	150	165
MPP095.031	2 1/8"	65	98	98	85	50	65
MPP095.032	2 1/8"	65	98	98	135	100	115
MPP095.033	2 1/8"	65	98	98	185	150	165



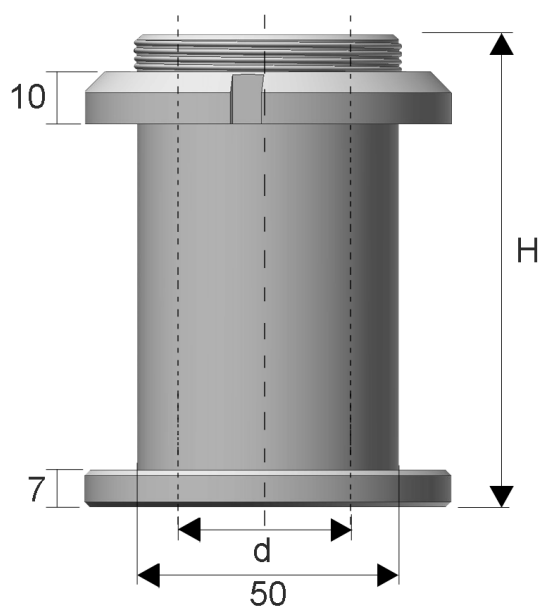
CODE	d mm	S mm	D mm	b mm	H mm	h ₁ mm	h mm
MPP100.001	1 1/2"	50	106	83	85	50	65
MPP100.002	1 1/2"	50	106	83	135	100	115
MPP100.003	1 13/16"	60	102	90	75	40	55
MPP100.004	1 13/16"	60	108	90	115	80	95
MPP100.005	1 13/16"	60	108	90	140	105	120
MPP100.006	1 13/16"	65	108	98	85	50	65
MPP100.007	2 1/8"	65	108	98	85	50	65
MPP100.008	40	50	100	83	75	40	55
MPP100.009	40	60	102	90	75	40	55
MPP100.010	40	60	108	90	95	60	75
MPP100.011	40	60	108	90	115	80	95
MPP100.012	50	60	102	90	75	40	55
MPP100.013	50	60	108	90	95	60	75
MPP100.014	50	60	108	90	115	80	95

MPP105

Mozzo porta utensili (diametro esterno 50)

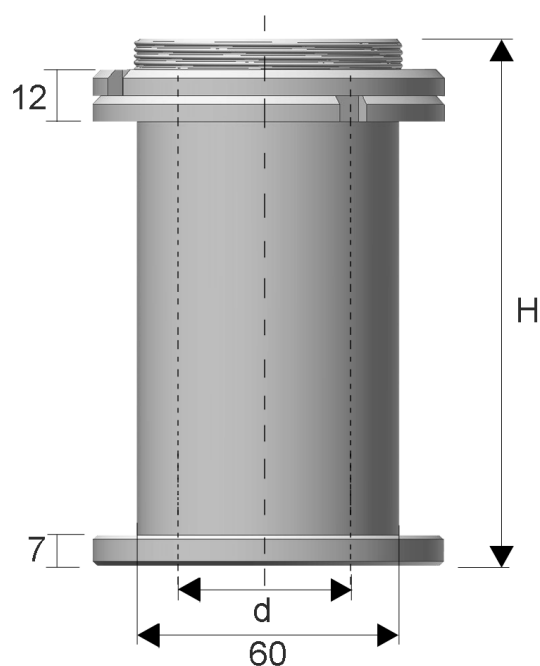
Cutter - holder hub

G



CODE	d mm	H mm
MPP105.001	30	60
MPP105.002	30	70
MPP105.003	30	80
MPP105.004	30	90
MPP105.005	30	95
MPP105.006	30	100
MPP105.007	30	105
MPP105.008	30	110
MPP105.009	30	115
MPP105.010	30	120
MPP105.011	30	125
MPP105.012	30	130
MPP105.013	35	60
MPP105.014	35	70
MPP105.015	35	80
MPP105.016	35	90
MPP105.017	35	95
MPP105.018	35	100
MPP105.019	35	105
MPP105.020	35	110
MPP105.021	35	115
MPP105.022	35	120
MPP105.023	35	125
MPP105.024	35	130
MPP105.025	40	60
MPP105.026	40	70
MPP105.027	40	80
MPP105.028	40	90
MPP105.029	40	95
MPP105.030	40	100
MPP105.031	40	105
MPP105.032	40	110
MPP105.033	40	115
MPP105.034	40	120
MPP105.035	40	125
MPP105.036	40	130

Cutter - holder hub



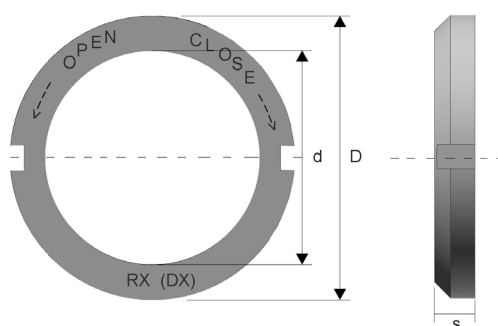
CODE	d mm	H mm	CODE	d mm	H mm
MPP110.001	30	60	MPP110.037	45	60
MPP110.002	30	70	MPP110.038	45	70
MPP110.003	30	80	MPP110.039	45	80
MPP110.004	30	90	MPP110.040	45	90
MPP110.005	30	95	MPP110.041	45	95
MPP110.006	30	100	MPP110.042	45	100
MPP110.007	30	105	MPP110.043	45	105
MPP110.008	30	110	MPP110.044	45	110
MPP110.009	30	115	MPP110.045	45	115
MPP110.010	30	120	MPP110.046	45	120
MPP110.011	30	125	MPP110.047	45	125
MPP110.012	30	130	MPP110.048	45	130
MPP110.013	35	60	MPP110.049	50	60
MPP110.014	35	70	MPP110.050	50	70
MPP110.015	35	80	MPP110.051	50	80
MPP110.016	35	90	MPP110.052	50	90
MPP110.017	35	95	MPP110.053	50	95
MPP110.018	35	100	MPP110.054	50	100
MPP110.019	35	105	MPP110.055	50	105
MPP110.020	35	110	MPP110.056	50	110
MPP110.021	35	115	MPP110.057	50	115
MPP110.022	35	120	MPP110.058	50	120
MPP110.023	35	125	MPP110.059	50	125
MPP110.024	35	130	MPP110.060	50	130
MPP110.025	40	60			
MPP110.026	40	70			
MPP110.027	40	80			
MPP110.028	40	90			
MPP110.029	40	95			
MPP110.030	40	100			
MPP110.031	40	105			
MPP110.032	40	110			
MPP110.033	40	115			
MPP110.034	40	120			
MPP110.035	40	125			
MPP110.036	40	130			

GHRF50

Ghiere filettate per mozzo (diametro esterno 50)

Threated metal ring

CODE		d	D	S
RIGHT Rot.	LEFT Rot.	mm	mm	mm
GHRF50.001R	GHRF50.001L	50	70	10

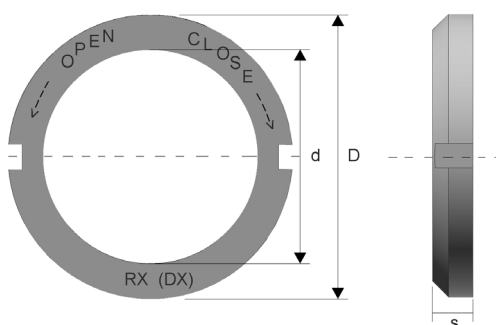


GHRF60

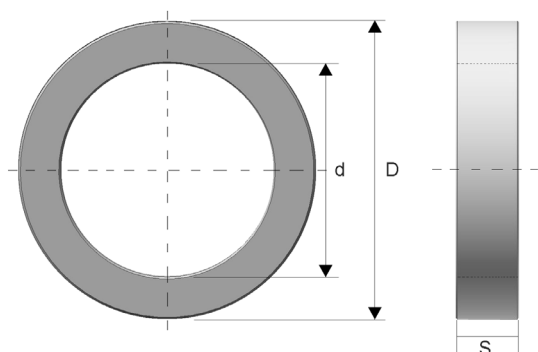
Ghiere filettate per mozzo (diametro esterno 60)

Threated metal ring

CODE		d	D	S
RIGHT Rot.	LEFT Rot.	mm	mm	mm
GHRF60.001R	GHRF60.001L	60	80	6



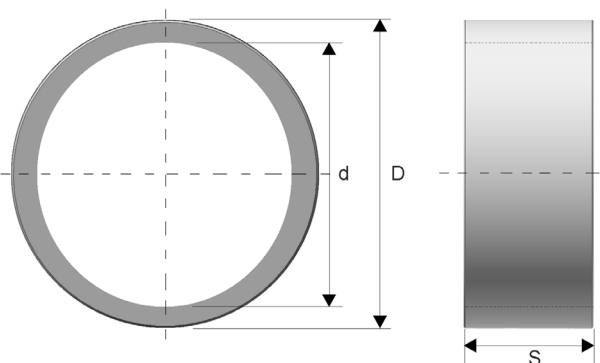
Spacer rings



CODE	d mm	D mm	S mm
NLD.001	30	50	0.1
NLD.002	30	50	0.3
NLD.003	30	50	0.5
NLD.004	30	50	1
NLD.005	30	50	2
NLD.006	30	50	2.5
NLD.007	30	50	3
NLD.008	30	50	5
NLD.009	30	50	7
NLD.010	30	50	10
NLD.011	30	50	15
NLD.012	30	50	20
NLD.013	30	50	24
NLD.014	30	50	30
NLD.015	30	50	40
NLD.016	35	55	0.1
NLD.017	35	55	0.3
NLD.018	35	55	0.5
NLD.019	35	55	1
NLD.020	35	55	2
NLD.021	35	55	2.5
NLD.022	35	55	3
NLD.023	35	55	5
NLD.024	35	55	7
NLD.025	35	55	8
NLD.026	35	55	10
NLD.027	35	55	15
NLD.028	35	55	20
NLD.029	35	55	24
NLD.030	35	55	30
NLD.031	40	60	0.1
NLD.032	40	60	0.3
NLD.033	40	60	0.5
NLD.034	40	60	1
NLD.035	40	60	2
NLD.036	40	60	2.5
NLD.037	40	60	3
NLD.038	40	60	5

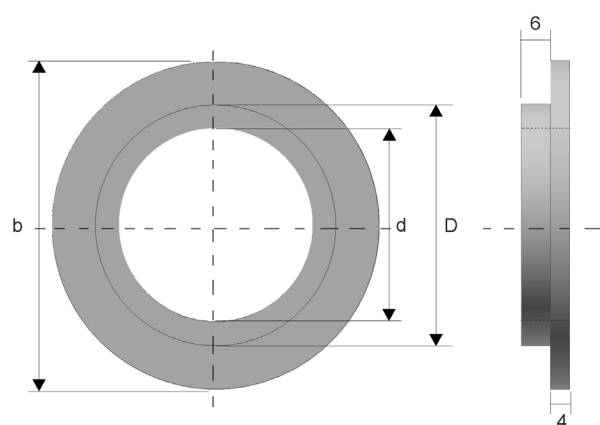
CODE	d mm	D mm	S mm
NLD.039	40	60	7
NLD.040	40	60	8
NLD.041	40	60	10
NLD.042	40	60	15
NLD.043	40	60	20
NLD.044	40	60	24
NLD.045	40	60	30
NLD.046	50	70	0.1
NLD.047	50	70	0.3
NLD.048	50	70	0.5
NLD.049	50	70	1
NLD.050	50	70	2
NLD.051	50	70	2.5
NLD.052	50	70	3
NLD.053	50	70	5
NLD.054	50	70	7
NLD.055	50	70	10
NLD.056	50	70	15
NLD.057	50	70	20
NLD.058	50	70	24
NLD.059	50	70	30
NLD.060	60	80	0.1
NLD.061	60	80	0.3
NLD.062	60	80	0.5
NLD.063	60	80	1
NLD.064	60	80	2
NLD.065	60	80	3
NLD.066	60	80	4
NLD.067	60	80	5
NLD.068	60	80	7
NLD.069	60	80	8
NLD.070	60	80	9
NLD.071	60	80	10
NLD.072	60	80	15
NLD.073	60	80	24
NLD.074	60	80	30
NLD.075	60	80	40

G



CODE	d mm	D mm	S mm
BSL.001	20	35	6
BSL.002	20	35	10
BSL.003	20	35	20
BSL.004	25	30	4
BSL.005	25	30	6
BSL.006	25	30	20
BSL.007	25	30	40
BSL.008	25	35	6
BSL.009	25	35	10
BSL.010	25	35	20
BSL.011	25	35	30
BSL.012	30	31.75	13.4
BSL.013	30	31.75	15
BSL.014	30	31.75	40
BSL.015	30	35	4
BSL.016	30	35	6
BSL.017	30	35	8
BSL.018	30	35	10
BSL.019	30	35	12
BSL.020	30	35	13.4
BSL.021	30	35	15
BSL.022	30	35	20
BSL.023	30	35	30
BSL.024	30	35	40
BSL.025	30	35	48
BSL.026	30	40	4
BSL.027	30	40	6
BSL.028	30	40	10
BSL.029	30	40	11
BSL.030	30	40	12
BSL.031	30	40	15
BSL.032	30	40	20
BSL.033	30	40	30
BSL.034	30	40	40
BSL.035	30	40	48

CODE	d mm	D mm	S mm
BSL.036	30	50	10
BSL.037	30	50	20
BSL.038	30	50	30
BSL.039	30	50	48
BSL.040	30	50	50
BSL.041	32	50	40
BSL.042	32	50	60
BSL.043	35	40	4
BSL.044	35	40	6
BSL.045	35	40	8
BSL.046	35	40	10
BSL.047	35	40	12
BSL.048	35	40	15
BSL.049	35	40	20
BSL.050	35	40	30
BSL.051	35	40	40
BSL.052	35	40	48
BSL.053	35	50	10
BSL.054	35	50	20
BSL.055	35	50	30
BSL.056	40	50	10
BSL.057	40	50	20
BSL.058	40	50	30
BSL.059	40	50	48



CODE	d mm	D mm	b mm
FLG.001	20	30	50
FLG.002	25	30	50
FLG.003	25	40	60
FLG.004	30	31.75	50
FLG.005	30	35	55
FLG.006	30	40	60
FLG.007	30	50	68
FLG.008	31.75	35	55
FLG.009	31.75	40	60
FLG.010	35	40	60
FLG.011	35	50	68
FLG.012	35	60	78
FLG.013	40	50	68

LVT010

Lavatrice ad ultrasuoni

Ultrasonic cleaning

CODE	INT. VASCA LxPxH (mm)	CAPACITA' litri	EST. VASCA LxPxH(mm)	ALIMEN- TAZIONE	SCARICO
LVT010.001	330x330x180	19	380x560x330	230V	3/8"
LVT010.002	400x400x250	40	600x630x480	230V	1/2"



Tutti gli utensili per la lavorazione del legno massello e/o pannelli richiedono spesso, oltre che una manutenzione periodica di affilatura, una pulizia accurata. Dopo un utilizzo prolungato sui taglienti delle lame e delle frese, si creano depositi di materiale che riducono drasticamente l'efficienza dell'utensile. Le LAVATRICI AD ULTRASUONI della Centerinox, con i suoi detergenti specifici, consentono di eseguire una perfetta micropulizia di tutti gli utensili; è possibile pulire in tempi ristretti, punte, coltelli, lame, e frese togliendo dalla superficie ogni tipo di residuo.

All wood working tools for solid wood and panels often require, as well a periodic maintenance of sharpening and careful cleaning. After a prolonged use on the cutting edges of the blades and cutters, creating deposits of material which drastically reduce the efficiency of the tool.

The ULTRASONIC CLEANING of Centerinox, with its special cleaning products, allow you to perform a perfect micro-purity of all tools, you can clean in a short time, tips, knife, blades and cutters from the surface by removing all types of residue.



Detergenti per lavatrice ad ultrasuoni

Cleaning agents

CODE	CAPACITA' litri
LVT010.003	5
LVT010.004	1



LVT010.003



LVT010.004



PRESTAZIONI / performance		CARATTERISTICHE / features	
CONTROPRESSIONE back pressure	PORTATA output	lunghezza pompa / lenght	500 mm
100 bar	1,0 / 1,5 cc	diametro pompa / diameter	60 mm
200 bar	1,0 / 1,5 cc	peso / weight	2 kg
300 bar	1,0 cc	funzionamento / working	manuale/manual
400 bar	0,5 cc	pressione di esercizio / pressure	400 bar
		pressione massima/maximum pressure	700 bar
		erogazione / supply	1,5cc ogni colpo
		capacità / capacity	600 gr.
		confezione singola / single package	sacchetto/plastic bag
		confezione multipla / multiple package	cartone/carton box
		portata a 100 bar/ output at 100 bar	300-450 ml/min
		portata a 200 bar / output at 200 bar	200 ml/min
		n° pompate a 100 bar/n° of strokes at 100 bar	30 per min

Pompa manuale per grasso adatta per ogni tipo di grasso non corrosivo in cartuccia.

L'ingrassatore a pompa ad alta pressione è di alta qualità professionale. Il prodotto arriva a vincere una pressione nominale di 700 bar = 10000 psi in fase di test. Durante l'utilizzo supera la pressione di 400 bar = 6000 psi senza subire danni o deformazioni, a differenza dei compressori di importazione standard.

POMPA : caricamento del grasso a cartuccia
CARTUCCIA: 400 gr., ø 56mm

*Suitable to every type of non-corrosive grease in cartridge.
Grease high pressure pump a professional top quality item. This gun gets to win a nominal pressure of 700 bar = 10000 psi during quality tests. In operating conditions it can overcome the pressure of 400 bar = 6000 psi without damage or deformation, unlike standard grease guns.*

PUMP : manual filling with cartridge
CARTRIDGE: 400 gr., ø 56mm



ISTRUZIONI PER L'INSERIMENTO DELLA CARTUCCIA

- 1- Tirare l'asta spingigrasso del pistone
- 2- Svitare la testa dal cilindro
- 3- Prendere la cartuccia con il tappo, togliere il tappo in plastica e tagliare l'altra estremità lungo il bordo rientrante; inserire la cartuccia nel cilindro
- 4- Riavvitare la testata
- 5- Far rientrare l'asta spingigrasso premendo la levetta di arresto
- 6- Fare fuoriuscire (spurgare) l'eventuale presenza di bolle d'aria nella testata svitando il tappo di spurgo

INSTRUCTIONS FOR USE WITH CARTRIDGE

- 1- Pull the pump shaft
- 2- Screw off the head of the hand lever pump
- 3- Remove the plug of the cartridge and cut the other end along the re-entering edge; put the cartridge in the hand lever pump
- 4- Screw again the head
- 5- Press the trigger to re-enter the pump shaft
- 6- Purge the pump screwing off the vent plug and operate the lever.

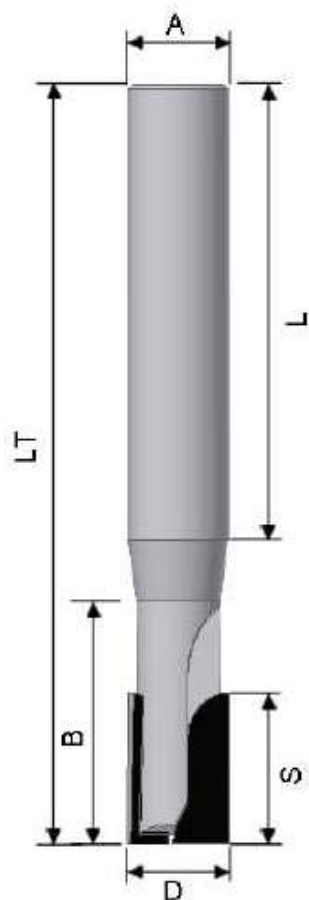
This image shows a full page of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

PDT035SP

Punta diamante tagliente alternato +/- Z2 con corpo in hw



CODE	A mm	S mm	D mm	B mm	L mm	LT mm	Ang. ass.
PDT035SP.001DX/SX	8	15	8	24	45	70	3°+/-
PDT035SP.002DX/SX	10	15	10	24	45	75	3°+/-
PDT035SP.003DX/SX	12	15	12	24	45	75	3°+/-
PDT035SP.004DX/SX	12	20	12	24	45	75	3°+/-



ASSIALE
POSITIVO



ASSIALE
NEGATIVO



PLACCHETTA
FORANTE



BANER TOOLS

Bardhyl Keci
Senior Sales Manager
Centerinox S.r.l.

Contacts:

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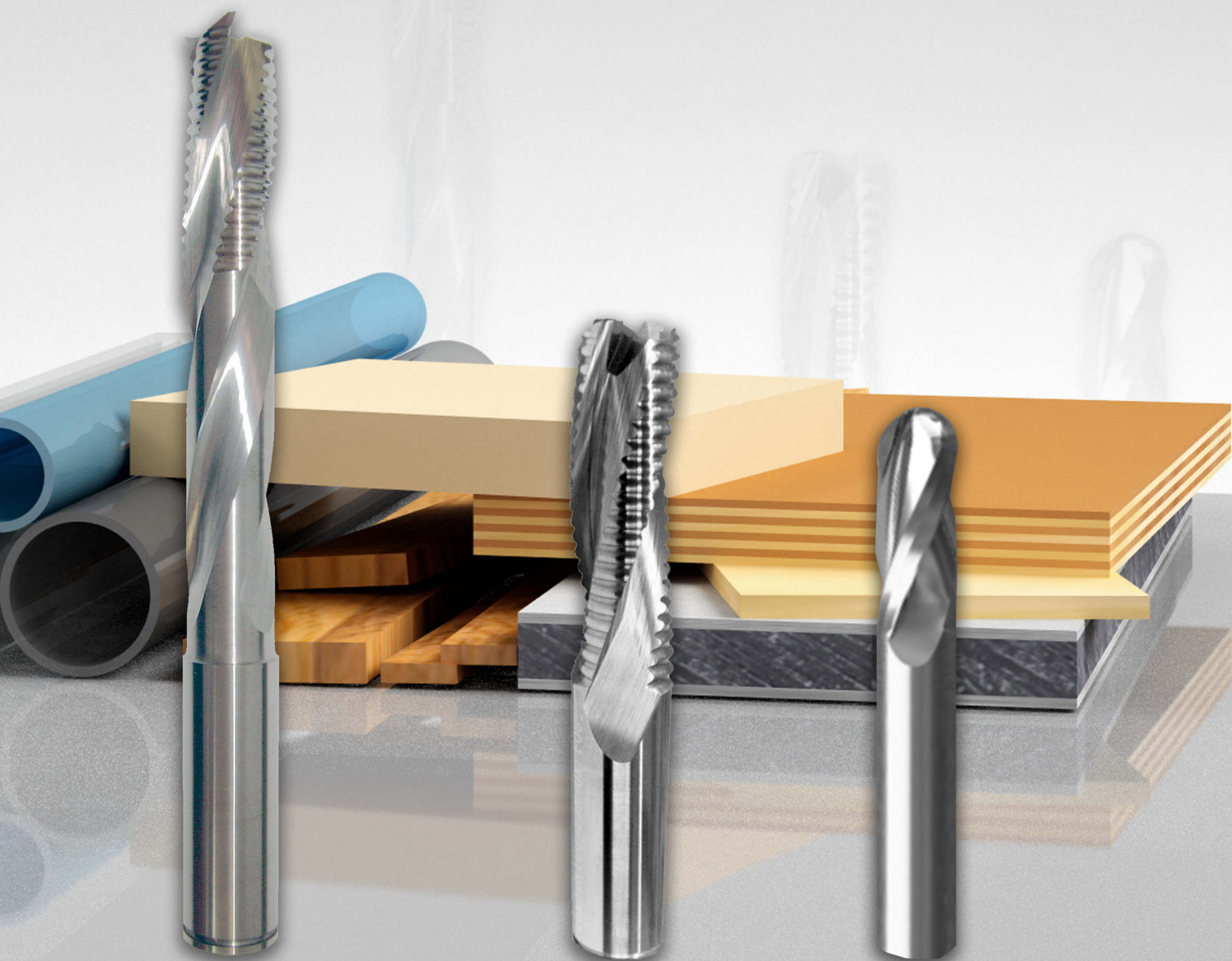
Mob.(AL) +355 692173112

e-mail: bkeci@centerinox.it



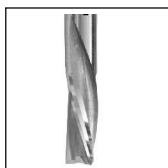
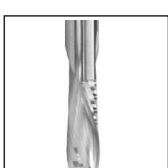
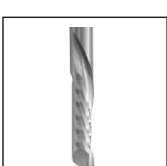
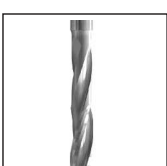
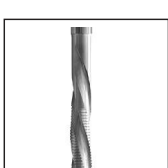
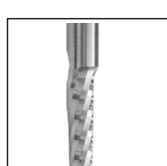
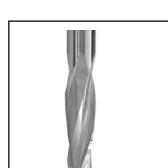
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PUNTE IN HM INTEGRALE

HELICAL CUTTER HWM

	Punta elicoidale in metallo duro integrale positiva Z3 Helical cutter HWM positive spiral Z3	PHW010 pag.1
	Punta elicoidale in metallo duro integrale negativa Z3 Helical cutter HWM negative spiral Z3	PHW020 pag.2
	Punta elicoidale in metallo duro integrale positiva Z3 con rompitruciolo Helical cutter HWM positive spiral Z3 with chip breaker	PHW030 pag.3
	Punta elicoidale in metallo duro integrale negativa Z3 con rompitruciolo Helical cutter HWM negative spiral Z3 with chip breaker	PHW040 pag.4
	Punta elicoidale in metallo duro integrale positiva Z2 Helical cutter HWM positive spiral Z2	PHW050 pag.5
	Punta elicoidale in metallo duro integrale negativa Z2 Helical cutter HWM negative spiral Z2	PHW060 pag.6
	Punta elicoidale in metallo duro integrale elica positiva e negativa Z1+1 Helical cutter HWM positive and negative spiral Z1+1	PHW070 pag.7
	Punta elicoidale in metallo duro integrale elica positiva e negativa Z2+2 Helical cutter HWM positive and negative spiral Z2+2	PHW080 pag.8
	Punta elicoidale in metallo duro integrale elica positiva Z3 per sedi serratura Helical cutter HWM positive spiral Z3 for locks	PHW090 pag.9
	Punta elicoidale in metallo duro integrale elica negativa Z3 per sedi serratura Helical cutter HWM negative spiral Z3 for locks	PHW100 pag.10
	Punta elicoidale in metallo duro integrale elica positiva Z3 con rompitruciolo per sedi serratura Helical cutter HWM positive spiral Z3 with chip breaker for locks	PHW110 pag.11
	Punta elicoidale in metallo duro integrale elica negativa Z3 con rompitruciolo per sedi serratura Helical cutter HWM neg. spiral Z3 with chip breaker for locks	PHW120 pag.12
	Punta elicoidale in metallo duro integrale positiva Z1 Helical cutter HWM positive Z1	PHW130 pag.13
	Punta elicoidale in metallo duro integrale negativa Z1 Helical cutter HWM negative Z1	PHW140 pag.14



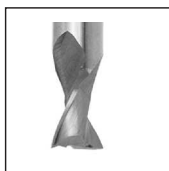
Punta elicoidale in metallo duro integrale positiva Z2 **PHW150**
Helical cutter HWM positive Z2 pag.16



Punta elicoidale in metallo duro integrale negativa Z2 **PHW160**
Helical cutter HWM negative Z2 pag.16



Punta in metallo duro integrale Z2 a taglienti diritti **PHW170**
Straight milling cutters in solid carbide HWM Z2 pag.17



Punta elicoidale in metallo duro integrale a coda di rondine Z2 **PHW180**
Dovetail helical cutter HWM Z2 pag.18



Punta elicoidale in metallo duro integrale Z2 con raggio al vertice **PHW190**
HWM milling cutters for finishing with top radius Z2 pag.19



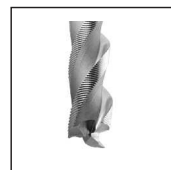
Punta elicoidale in metallo duro integrale con smusso di testa Z3 **PHW200**
HWM milling cutters with bevel on the top Z3 pag.20



Punta elicoidale in metallo duro integrale con smusso di testa, rompitruciolo Z3 **PHW210**
HWM milling cutters for finishing with top radius with chip breaker Z3 pag.21



Punta elicoidale in metallo duro integrale con raggio al vertice Z3 **PHW220**
HWM milling cutters for finishing with top radius Z3 pag.22



Punta HS per macchina "hundegger" Z3 **PHW230**
HS router bits for "HUNDEGGER" machines Z3 pag.23

LINEA ALLUMINO ALUMINUMS LINE



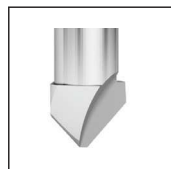
Punta elicoidale in HW integrale Z1 **PHW240**
HW milling cutters Z1 pag.27



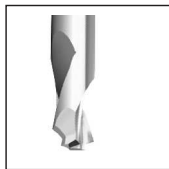
Punta elicoidale in HW integrale Z2 **PHW250**
HW milling cutters Z2 pag.28



Punta elicoidale in HW integrale con rompitruciolo a finire Z2 **PHW260**
HW milling cutters with chip-breaker for finishing Z2 pag.29



Punta in HW integrale per Alucobond - Dibond Z2 **PHW270**
HW milling cutters for Alucobond - Dibond Z2 pag.30



Punta elicoidale in HW integrale per Alucobond - Dibond Z2 **PHW280**
HW milling cutters for Alucobond - Dibond Z2 pag.31

LINEA LEGNO

LINE WOOD

Tabella per il calcolo della velocità di avanzamento nella lavorazione del legno

Table for calculating feeding rates in the woodworking

TABELLA VELOCITA' DI AVANZAMENTO (mt/min ⁻¹)					
CODE ART.	DIAMETRO DIAMETER	LEGNO TENERO SOFTWOOD	LEGNO DURO HARDWOOD	MDF	LAMINATO TRUCIOLARE LAMINATED WOOD
PHW130 - PHW140	3	2,40	2,40	2,40	-
PHW050 - PHW060		3,20	2,60	3,00	-
PHW130 - PHW140	6	3,70	3,60	3,40	-
PHW050 - PHW060		4,00	3,70	3,90	-
PHW130 - PHW140	8	4,30	4,00	3,80	-
PHW050 - PHW060		5,00	4,30	4,90	-
PHW010 - PHW020		6,00	4,60	5,20	5,80
PHW030 - PHW040		8,20	6,60	6,80	-
PHW080		6,60	5,20	5,70	6,50
PHW130 - PHW140	10	4,90	4,90	3,80	-
PHW050 - PHW060		6,20	4,60	5,40	-
PHW010 - PHW020		7,30	5,00	6,10	5,80
PHW030 - PHW040		9,10	6,60	7,40	-
PHW080		6,70	5,10	6,00	6,50
PHW130 - PHW140	12	5,10	4,90	4,20	-
PHW050 - PHW060		6,50	5,20	5,40	-
PHW010 - PHW020		7,90	6,30	6,80	7,40
PHW030 - PHW040		10,20	8,10	8,30	-
PHW080		6,90	5,10	6,00	6,70
PHW050 - PHW060	16	7,70	6,10	6,90	-
PHW010 - PHW020		9,50	7,90	8,10	9,10
PHW030 - PHW040		11,80	9,00	9,50	-
PHW080		7,30	6,00	6,30	6,80
PHW050 - PHW060	20	8,60	7,30	7,90	-
PHW010 - PHW020		10,80	8,50	8,90	10,00
PHW030 - PHW040		15,00	11,00	11,90	-
PHW080		8,00	6,90	7,20	7,00

I DATI SOPRA RIPORTATI SONO OTTENUTI CON I SEGUENTI PARAMETRI DI LAVORO

- Macchinari efficienti ed in ottimo stato;
- lavorazione dal pieno (se non si lavora dal pieno i dati possono essere maggiorati);
- tenuta del pezzo perfetta;
- legno ben evaporato;
- velocità di rotazione 18.000 RPM (ma se si utilizzano velocità diverse, si devono cambiare in proporzione la velocità di rotazione con la velocità di avanzamento)
- profondità di lavoro pari a due volte il diametro della fresa (per profondità pari al diametro della fresa aumentare i valori del 25%, profondità pari a tre volte il diametro diminuire i valori del 25%)
- frese con rotazione destra elica positiva (traente)
- per utilizzo su frese con elica negativa (spingente) si consiglia un entrata pari a metà del diametro, altrimenti la fresa non ha uno scarico sufficiente;
- in certe lavorazioni quando il vacuum non è potente è meglio utilizzare frese spingenti che aiutano la tenuta del pezzo.

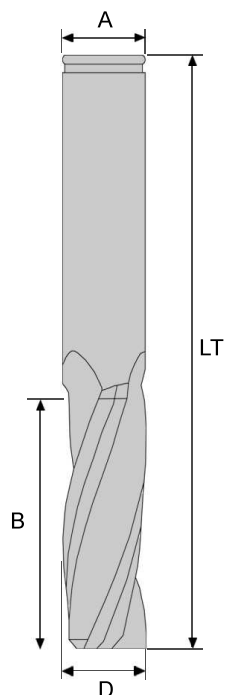
THE RECOMMENDED FEED RATES WERE CALCULATED TAKING IN CONSIDERATION THE FOLLOWING PARAMETERS

- efficient machinery in excellent conditions;
- wood piece perfectly clamped;
- working solid material (if not, parameters can be increased)
- wood piece dry;
- RPM 18.000 (workin at a different rotation speed the feed rate should change accordingly);
- cutting depth two times the router bit diameter (the feed rate increases by 25% when the cutting depth is like the tool diameter - the feed rate decreases by 25% when the cutting depth is three times the tool diameter);
- router bits up cuto style;
- better use down cut router bits if the vacuum clamping is not strong enough;
- using down cut style bits we suggest a maximum cutting depth like the half of the tool diameter, otherwise there is not enough chip flow.

PHW010

Punta elicoidale in metallo duro integrale
positiva Z3

Helical cutter HWM positive spiral Z3

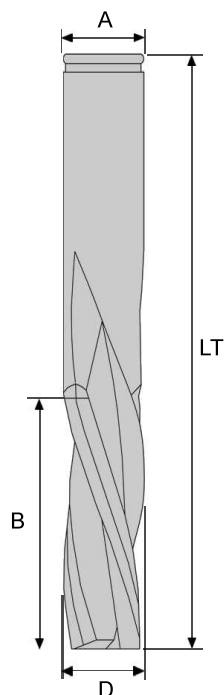


CODE		D mm	B mm	LT mm	A mm
RIGHT Rot.	LEFT Rot.				
PHW010.001R	PHW010.001L	8	22	70	8
PHW010.002R	PHW010.002L	8	32	80	8
PHW010.003R	PHW010.003L	8	42	90	8
PHW010.004R	PHW010.004L	10	32	80	10
PHW010.005R	PHW010.005L	10	42	90	10
PHW010.006R	PHW010.006L	10	52	100	10
PHW010.007R	PHW010.007L	12	32	80	12
PHW010.008R	PHW010.008L	12	42	90	12
PHW010.009R	PHW010.009L	12	52	100	12
PHW010.010R	PHW010.010L	14	32	80	14
PHW010.011R	PHW010.011L	14	42	90	14
PHW010.012R	PHW010.012L	14	52	100	14
PHW010.013R	PHW010.013L	16	42	90	16
PHW010.014R	PHW010.014L	16	52	100	16
PHW010.015R	PHW010.015L	16	72	120	16
PHW010.016R	PHW010.016L	18	52	100	18
PHW010.017R	PHW010.017L	18	72	120	18
PHW010.018R	PHW010.018L	18	102	150	18
PHW010.019R	PHW010.019L	20	52	100	20
PHW010.020R	PHW010.020L	20	72	120	20
PHW010.021R	PHW010.021L	20	102	150	20
PHW010.022R	PHW010.022L	25	42	100	25
PHW010.023R	PHW010.023L	25	62	120	25
PHW010.024R	PHW010.024L	25	102	160	25
PHW010.025R	PHW010.025L	25	120	180	25

PHW020

Punta elicoidale in metallo duro integrale
negativa Z3

Helical cutter HWM negative spiral Z3

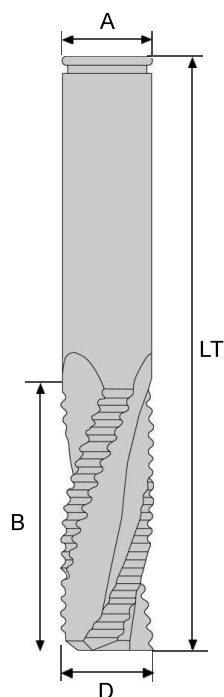


CODE		D mm	B mm	LT mm	A mm
RIGHT Rot.	LEFT Rot.				
PHW020.001R	PHW020.001L	8	22	70	8
PHW020.002R	PHW020.002L	8	32	80	8
PHW020.003R	PHW020.003L	8	42	90	8
PHW020.004R	PHW020.004L	10	32	80	10
PHW020.005R	PHW020.005L	10	42	90	10
PHW020.006R	PHW020.006L	10	52	100	10
PHW020.007R	PHW020.007L	12	32	80	12
PHW020.008R	PHW020.008L	12	42	90	12
PHW020.009R	PHW020.009L	12	52	100	12
PHW020.010R	PHW020.010L	14	32	80	14
PHW020.011R	PHW020.011L	14	42	90	14
PHW020.012R	PHW020.012L	14	52	100	14
PHW020.013R	PHW020.013L	16	42	90	16
PHW020.014R	PHW020.014L	16	52	100	16
PHW020.015R	PHW020.015L	16	72	120	16
PHW020.016R	PHW020.016L	18	52	100	18
PHW020.017R	PHW020.017L	18	72	120	18
PHW020.018R	PHW020.018L	18	102	150	18
PHW020.019R	PHW020.019L	20	52	100	20
PHW020.020R	PHW020.020L	20	72	120	20
PHW020.021R	PHW020.021L	20	102	150	20
PHW020.022R	PHW020.022L	25	42	100	25
PHW020.023R	PHW020.023L	25	62	120	25
PHW020.024R	PHW020.024L	25	102	160	25
PHW020.025R	PHW020.025L	25	120	180	25

PHW030

*Punta elicoidale in metallo duro integrale
positiva Z3 con rompitruciolo*

*Helical cutter HWM positive spiral Z3 with chip
breaker*

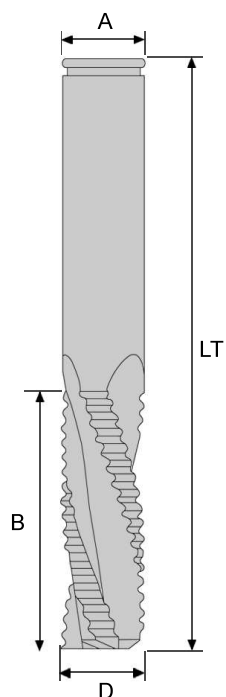


CODE		D mm	B mm	LT mm	A mm
RIGHT RoT.	LEFT RoT.				
PHW030.001R	PHW030.001L	8	22	70	8
PHW030.002R	PHW030.002L	8	32	80	8
PHW030.003R	PHW030.003L	8	42	90	8
PHW030.004R	PHW030.004L	10	32	80	10
PHW030.005R	PHW030.005L	10	42	90	10
PHW030.006R	PHW030.006L	10	52	100	10
PHW030.007R	PHW030.007L	12	32	80	12
PHW030.008R	PHW030.008L	12	42	90	12
PHW030.009R	PHW030.009L	12	52	100	12
PHW030.010R	PHW030.010L	14	32	80	14
PHW030.011R	PHW030.011L	14	42	90	14
PHW030.012R	PHW030.012L	14	52	100	14
PHW030.013R	PHW030.013L	16	42	90	16
PHW030.014R	PHW030.014L	16	52	100	16
PHW030.015R	PHW030.015L	16	72	120	16
PHW030.016R	PHW030.016L	18	52	100	18
PHW030.017R	PHW030.017L	18	72	120	18
PHW030.018R	PHW030.018L	18	102	150	18
PHW030.019R	PHW030.019L	20	52	100	20
PHW030.020R	PHW030.020L	20	72	120	20
PHW030.021R	PHW030.021L	20	102	150	20
PHW030.022R	PHW030.022L	25	42	100	25
PHW030.023R	PHW030.023L	25	62	120	25
PHW030.024R	PHW030.024L	25	102	160	25
PHW030.025R	PHW030.025L	25	120	180	25

PHW040

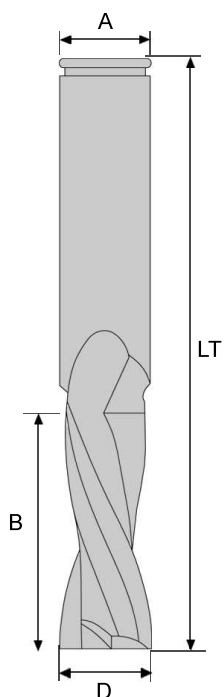
*Punta elicoidale in metallo duro integrale
negativa Z3 con rompitruciolo*

*Helical cutter HWM negative spiral Z3 with chip
breaker*



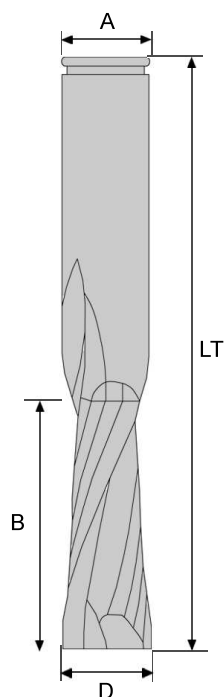
CODE		D mm	B mm	LT mm	A mm
RIGHT RoT.	LEFT RoT.				
PHW040.001R	PHW040.001L	8	22	70	8
PHW040.002R	PHW040.002L	8	32	80	8
PHW040.003R	PHW040.003L	8	42	90	8
PHW040.004R	PHW040.004L	10	32	80	10
PHW040.005R	PHW040.005L	10	42	90	10
PHW040.006R	PHW040.006L	10	52	100	10
PHW040.007R	PHW040.007L	12	32	80	12
PHW040.008R	PHW040.008L	12	42	90	12
PHW040.009R	PHW040.009L	12	52	100	12
PHW040.010R	PHW040.010L	14	32	80	14
PHW040.011R	PHW040.011L	14	42	90	14
PHW040.012R	PHW040.012L	14	52	100	14
PHW040.013R	PHW040.013L	16	42	90	16
PHW040.014R	PHW040.014L	16	52	100	16
PHW040.015R	PHW040.015L	16	72	120	16
PHW040.016R	PHW040.016L	18	52	100	18
PHW040.017R	PHW040.017L	18	72	120	18
PHW040.018R	PHW040.018L	18	102	150	18
PHW040.019R	PHW040.019L	20	52	100	20
PHW040.020R	PHW040.020L	20	72	120	20
PHW040.021R	PHW040.021L	20	102	150	20
PHW040.022R	PHW040.022L	25	42	100	25
PHW040.023R	PHW040.023L	25	62	120	25
PHW040.024R	PHW040.024L	25	102	160	25
PHW040.025R	PHW040.025L	25	120	180	25

Helical cutter HWM positive spiral Z2



CODE		D mm	B mm	LT mm	A mm
RIGHT RoT.	LEFT RoT.				
PHW050.001R	PHW050.001L	3	12	50	3
PHW050.002R	PHW050.002L	4	12	50	4
PHW050.003R	PHW050.003L	5	17	50	5
PHW050.004R	PHW050.004L	6	22	60	6
PHW050.005R	PHW050.005L	6	27	60	6
PHW050.006R	PHW050.006L	8	22	70	8
PHW050.007R	PHW050.007L	8	32	80	8
PHW050.008R	PHW050.008L	8	42	90	8
PHW050.009R	PHW050.009L	10	32	80	10
PHW050.010R	PHW050.010L	10	42	90	10
PHW050.011R	PHW050.011L	10	52	100	10
PHW050.012R	PHW050.012L	12	32	80	12
PHW050.013R	PHW050.013L	12	42	90	12
PHW050.014R	PHW050.014L	12	52	100	12
PHW050.015R	PHW050.015L	14	32	80	14
PHW050.016R	PHW050.016L	14	52	100	14
PHW050.017R	PHW050.017L	16	42	90	16
PHW050.018R	PHW050.018L	16	52	100	16
PHW050.019R	PHW050.019L	16	72	120	16
PHW050.020R	PHW050.020L	18	72	120	18
PHW050.021R	PHW050.021L	20	52	100	20
PHW050.022R	PHW050.022L	20	72	120	20

Helical cutter HWM negative spiral Z2



CODE		D mm	B mm	LT mm	A mm
RIGHT RoT.	LEFT RoT.				
PHW060.001R	PHW060.001L	3	12	50	3
PHW060.002R	PHW060.002L	4	12	50	4
PHW060.003R	PHW060.003L	5	17	50	5
PHW060.004R	PHW060.004L	6	22	60	6
PHW060.005R	PHW060.005L	6	27	60	6
PHW060.006R	PHW060.006L	8	22	70	8
PHW060.007R	PHW060.007L	8	32	80	8
PHW060.008R	PHW060.008L	8	42	90	8
PHW060.009R	PHW060.009L	10	32	80	10
PHW060.010R	PHW060.010L	10	42	90	10
PHW060.011R	PHW060.011L	10	52	100	10
PHW060.012R	PHW060.012L	12	32	80	12
PHW060.013R	PHW060.013L	12	42	90	12
PHW060.014R	PHW060.014L	12	52	100	12
PHW060.015R	PHW060.015L	14	32	80	14
PHW060.016R	PHW060.016L	14	52	100	14
PHW060.017R	PHW060.017L	16	42	90	16
PHW060.018R	PHW060.018L	16	52	100	16
PHW060.019R	PHW060.019L	16	72	120	16
PHW060.020R	PHW060.020L	18	72	120	18
PHW060.021R	PHW060.021L	20	52	100	20
PHW060.022R	PHW060.022L	20	72	120	20

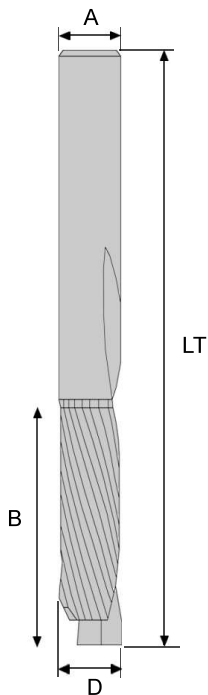
PHW070

Punta elicoidale in metallo duro integrale
elica positiva e negativa Z1+1

Helical cutter HWM positive and negative spiral
Z1+1



CODE		D mm	B mm	LT mm	A mm
RIGHT RoT.	LEFT RoT.				
PHW070.001R	PHW070.001L	4	15	50	4
PHW070.002R	PHW070.002L	5	17	50	5
PHW070.003R	PHW070.003L	6	17	60	6
PHW070.004R	PHW070.004L	6	22	60	6
PHW070.005R	PHW070.005L	8	22	70	8
PHW070.006R	PHW070.006L	8	32	80	8
PHW070.007R	PHW070.007L	10	32	80	10
PHW070.008R	PHW070.008L	8	42	100	8
PHW070.009R	PHW070.009L	10	52	100	10
PHW070.010R	PHW070.010L	12	32	80	12
PHW070.011R	PHW070.011L	12	52	100	12
PHW070.012R	PHW070.012L	12	42	110	12



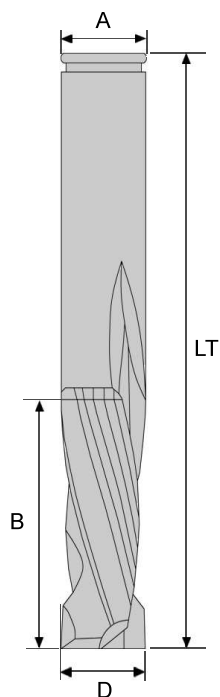
PHW080

*Punta elicoidale in metallo duro integrale
elica positiva e negativa Z2+2*

*Helical cutter HWM positive and negative spiral
Z2+2*



CODE		D mm	B mm	LT mm	A mm
RIGHT RoT.	LEFT RoT.				
PHW080.001R	PHW080.001L	8	22	70	8
PHW080.002R	PHW080.002L	8	32	80	8
PHW080.003R	PHW080.003L	10	32	80	10
PHW080.004R	PHW080.004L	10	42	100	10
PHW080.005R	PHW080.005L	10	52	100	10
PHW080.006R	PHW080.006L	12	32	80	12
PHW080.007R	PHW080.007L	12	42	100	12
PHW080.008R	PHW080.008L	12	52	110	12
PHW080.009R	PHW080.009L	14	42	100	14
PHW080.010R	PHW080.010L	14	52	110	14
PHW080.011R	PHW080.011L	16	42	100	16
PHW080.012R	PHW080.012L	16	52	100	16
PHW080.013R	PHW080.013L	16	72	130	16
PHW080.014R	PHW080.014L	18	52	110	18
PHW080.015R	PHW080.015L	18	72	130	18
PHW080.016R	PHW080.016L	20	52	120	20
PHW080.017R	PHW080.017L	20	72	130	20



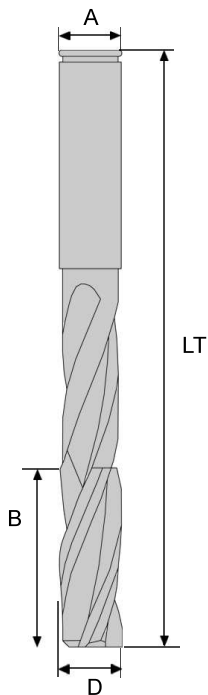
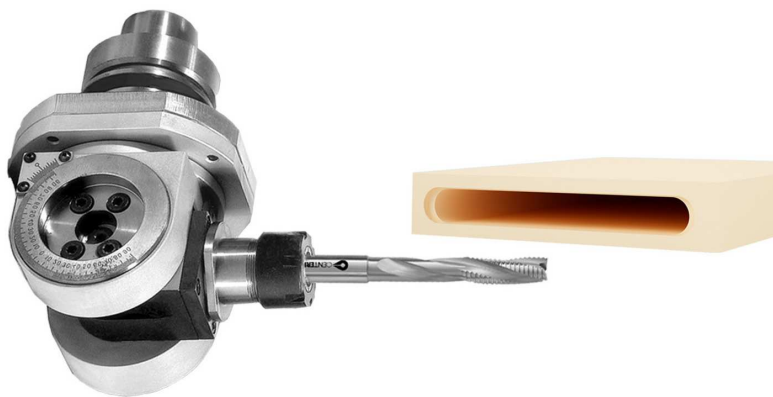
PHW090

Punta elicoidale in metallo duro integrale
elica positiva Z3 per sedi serratura

Helical cutter HWM positive spiral Z3 for locks



CODE		D mm	B mm	LT mm	A mm
RIGHT RoT.	LEFT RoT.				
PHW090.001R	PHW090.001L	12	45	150	12
PHW090.002R	PHW090.002L	14	45	150	14
PHW090.003R	PHW090.003L	16	45	150	16
PHW090.004R	PHW090.004L	18	45	150	18
PHW090.005R	PHW090.005L	20	45	150	20



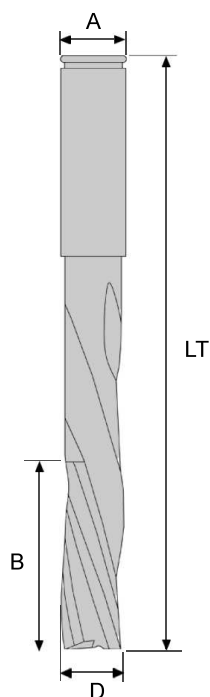
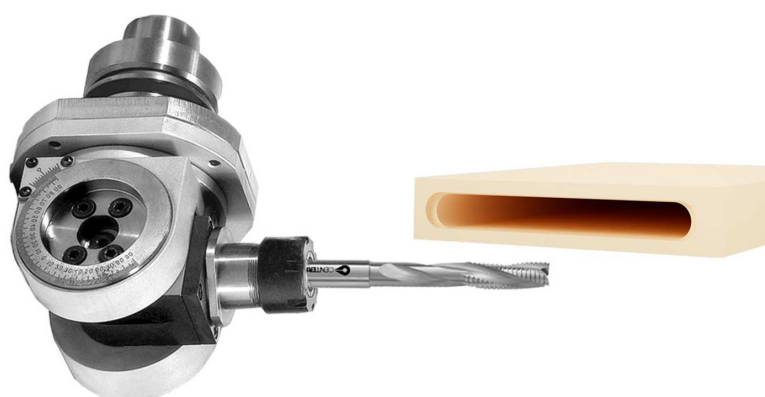
PHW100

Punta elicoidale in metallo duro integrale
elica negativa Z3 per sedi serratura

Helical cutter HWM negative spiral Z3 for locks



CODE		D mm	B mm	LT mm	A mm
RIGHT RoT.	LEFT RoT.				
PHW100.001R	PHW100.001L	12	45	150	12
PHW100.002R	PHW100.002L	14	45	150	14
PHW100.003R	PHW100.003L	16	45	150	16
PHW100.004R	PHW100.004L	18	45	150	18
PHW100.005R	PHW100.005L	20	45	150	20



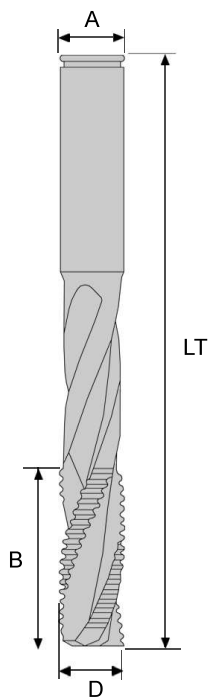
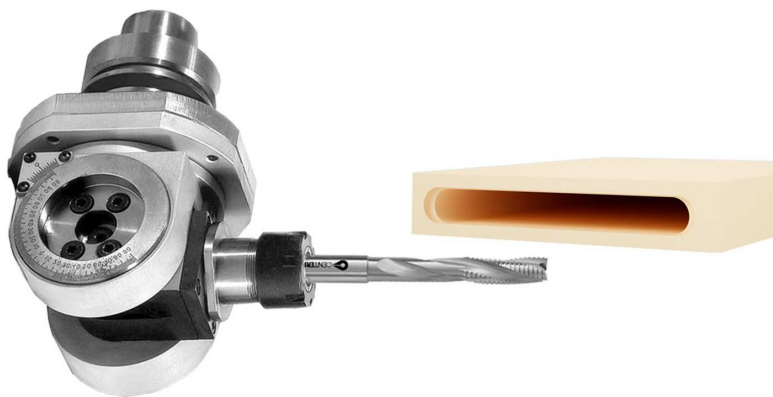
PHW110

Punta elicoidale in metallo duro integrale elica
positiva Z3 con rompitruciolo per sedi serratura

Helical cutter HWM positive spiral Z3 with chip
breaker for locks



CODE		D mm	B mm	LT mm	A mm
RIGHT RoT.	LEFT RoT.				
PHW110.001R	PHW110.001L	12	45	150	12
PHW110.002R	PHW110.002L	14	45	150	14
PHW110.003R	PHW110.003L	16	45	150	16
PHW110.004R	PHW110.004L	18	45	150	18
PHW110.005R	PHW110.005L	20	45	150	20



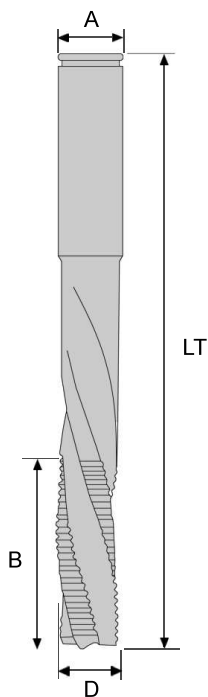
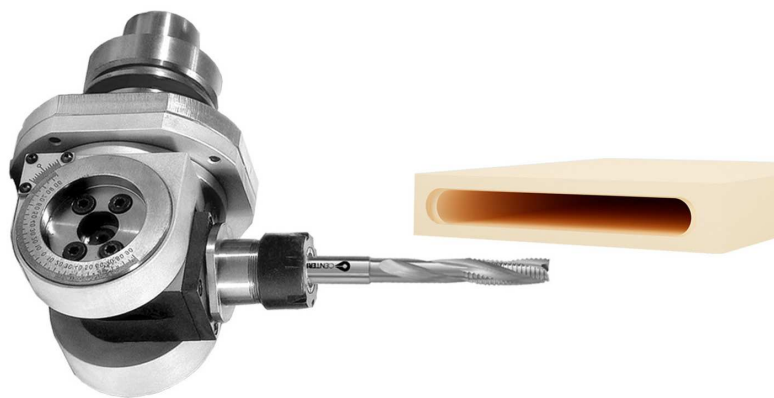
PHW120

Punta elicoidale in metallo duro integrale elica negativa Z3 con rompitruciolo per sedi serratura

Helical cutter HWM negative spiral Z3 with chip breaker for locks



CODE		D mm	B mm	LT mm	A mm
RIGHT RoT.	LEFT RoT.				
PHW120.001R	PHW120.001L	12	45	150	12
PHW120.002R	PHW120.002L	14	45	150	14
PHW120.003R	PHW120.003L	16	45	150	16
PHW120.004R	PHW120.004L	18	45	150	18
PHW120.005R	PHW120.005L	20	45	150	20



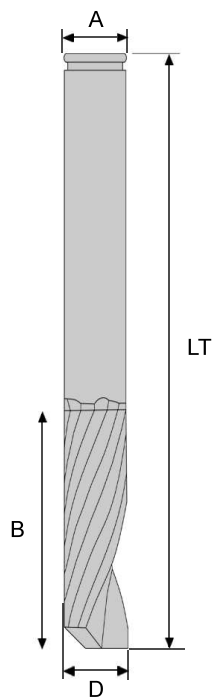
PHW130

Punta elicoidale in metallo duro integrale
positiva Z1

Helical cutter HWM positive Z1



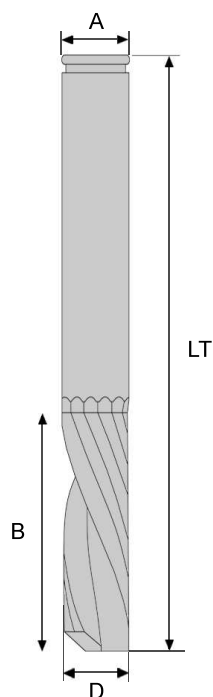
CODE		D mm	B mm	LT mm	A mm
RIGHT RoT.	LEFT RoT.				
PHW130.001R	PHW130.001L	3	14	50	3
PHW130.002R	PHW130.002L	4	14	50	4
PHW130.003R	PHW130.003L	4	20	50	4
PHW130.004R	PHW130.004L	5	17	50	5
PHW130.005R	PHW130.005L	5	22	60	5
PHW130.006R	PHW130.006L	6	22	60	6
PHW130.007R	PHW130.007L	6	27	60	6
PHW130.008R	PHW130.008L	8	22	70	8
PHW130.009R	PHW130.009L	8	32	80	8
PHW130.010R	PHW130.010L	10	32	80	10
PHW130.011R	PHW130.011L	10	42	90	10
PHW130.012R	PHW130.012L	12	32	80	12
PHW130.013R	PHW130.013L	12	42	90	12



Helical cutter HWM negative Z1



CODE		D mm	B mm	LT mm	A mm
RIGHT RoT.	LEFT RoT.				
PHW140.001R	PHW140.001L	3	14	50	3
PHW140.002R	PHW140.002L	4	14	50	4
PHW140.003R	PHW140.003L	4	20	50	4
PHW140.004R	PHW140.004L	5	17	50	5
PHW140.005R	PHW140.005L	5	22	60	5
PHW140.006R	PHW140.006L	6	22	60	6
PHW140.007R	PHW140.007L	6	27	60	6
PHW140.008R	PHW140.008L	8	22	70	8
PHW140.009R	PHW140.009L	8	32	80	8
PHW140.010R	PHW140.010L	10	32	80	10
PHW140.011R	PHW140.011L	10	42	90	10
PHW140.012R	PHW140.012L	12	32	80	12
PHW140.013R	PHW140.013L	12	42	90	12



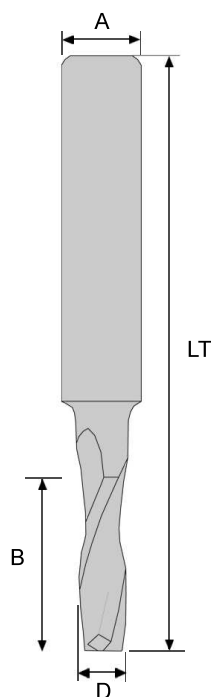
PHW150

*Punta elicoidale in metallo duro integrale
positiva Z2*

Helical cutter HWM positive Z2



CODE		D mm	B mm	LT mm	A mm
RIGHT RoT.	LEFT RoT.				
PHW150.001R	PHW150.001L	2	6	50	6
PHW150.002R	PHW150.002L	3	12	50	6
PHW150.003R	PHW150.003L	3	8	50	6
PHW150.004R	PHW150.004L	4	12	50	6
PHW150.005R	PHW150.005L	5	12	60	6
PHW150.006R	PHW150.006L	5	17	60	6



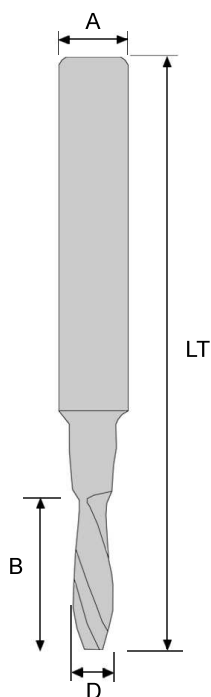
PHW160

Punta elicoidale in metallo duro integrale
negativa Z2

Helical cutter HWM negative Z2



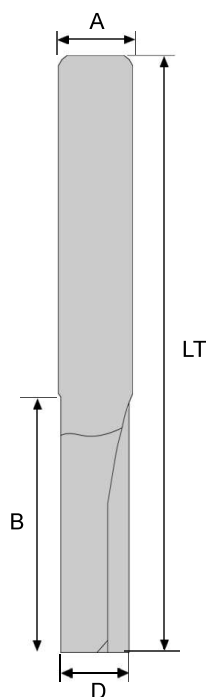
CODE		D mm	B mm	LT mm	A mm
RIGHT Rot.	LEFT Rot.				
PHW160.001R	PHW160.001L	2	6	50	6
PHW160.002R	PHW160.002L	3	12	50	6
PHW160.003R	PHW160.003L	3	8	50	6
PHW160.004R	PHW160.004L	4	12	50	6
PHW160.005R	PHW160.005L	5	12	60	6
PHW160.006R	PHW160.006L	5	17	60	6



Straight milling cutters in solid carbide HWM Z2



CODE		D mm	B mm	LT mm	A mm
RIGHT RoT.	LEFT RoT.				
PHW170.001R	PHW170.001L	3	10	50	3
PHW170.002R	PHW170.002L	3	10	50	6
PHW170.003R	PHW170.003L	4	10	50	4
PHW170.004R	PHW170.004L	4	10	50	6
PHW170.005R	PHW170.005L	5	12	50	5
PHW170.006R	PHW170.006L	5	12	50	6
PHW170.007R	PHW170.007L	6	15	60	6
PHW170.008R	PHW170.008L	6	20	60	6
PHW170.009R	PHW170.009L	6	25	60	6
PHW170.010R	PHW170.010L	8	20	70	8
PHW170.011R	PHW170.011L	8	25	70	8
PHW170.012R	PHW170.012L	8	32	70	8
PHW170.013R	PHW170.013L	10	20	70	10
PHW170.014R	PHW170.014L	10	25	70	10
PHW170.015R	PHW170.015L	10	32	70	10
PHW170.016R	PHW170.016L	12	25	80	12
PHW170.017R	PHW170.017L	12	40	100	12



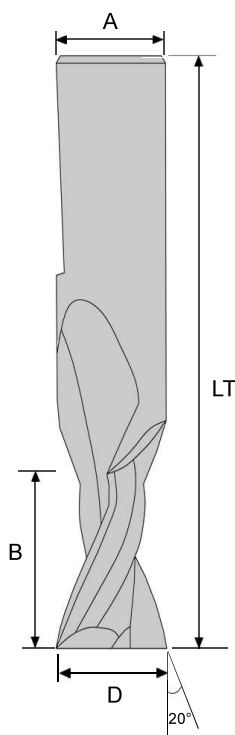
PHW180

Punta elicoidale in metallo duro integrale
a coda di rondine Z2

Dovetail helical cutter HWM Z2



CODE		D mm	B mm	LT mm	A mm
RIGHT RoT.	LEFT RoT.				
PHW180.001R	PHW180.001L	12	12	60	14
PHW180.002R	PHW180.002L	14	15	60	14



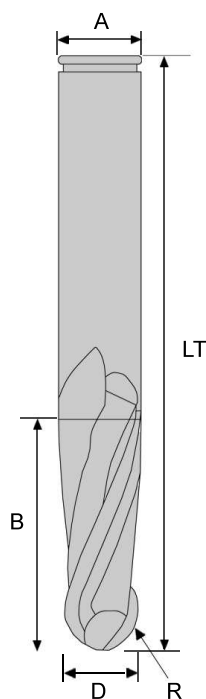
PHW190

Punta elicoidale in metallo duro integrale Z2 con raggio al vertice

HWM milling cutters for finishing with top radius Z2



CODE		D mm	B mm	LT mm	A mm	R
RIGHT RoT.	LEFT RoT.					
PHW190.001R	PHW190.001L	3	12	50	3	1.5
PHW190.002R	PHW190.002L	4	15	50	4	2
PHW190.003R	PHW190.003L	5	17	50	5	2.5
PHW190.004R	PHW190.004L	6	22	60	6	3
PHW190.005R	PHW190.005L	8	22	70	8	4
PHW190.006R	PHW190.006L	10	32	70	10	5
PHW190.007R	PHW190.007L	10	42	100	10	5
PHW190.008R	PHW190.008L	12	32	80	12	6
PHW190.009R	PHW190.009L	12	42	100	12	6
PHW190.010R	PHW190.010L	14	42	100	14	7
PHW190.011R	PHW190.011L	16	42	100	16	8
PHW190.012R	PHW190.012L	16	52	100	16	8
PHW190.013R	PHW190.013L	18	52	100	18	9
PHW190.014R	PHW190.014L	20	52	100	20	10
PHW190.015R	PHW190.015L	20	72	130	20	10



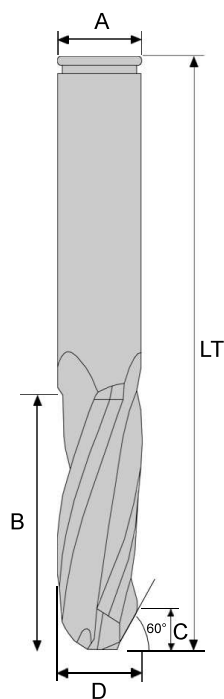
PHW200

Punta elicoidale in metallo duro integrale
con smusso di testa Z3

HWM milling cutters with bevel on the top Z3



CODE		D mm	B mm	LT mm	A mm	C mm
RIGHT RoT.	LEFT RoT.					
PHW200.001R	PHW200.001L	14	62	130	14	7
PHW200.002R	PHW200.002L	16	62	130	16	8



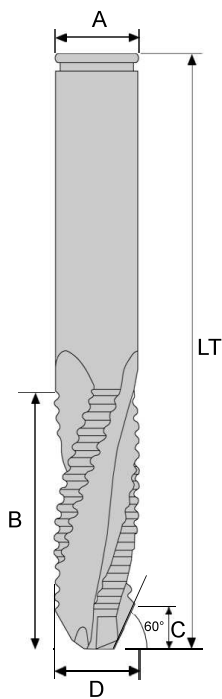
PHW210

Punta elicoidale in metallo duro integrale
con smusso di testa, rompitruciolo Z3

*HWM milling cutters for finishing with top
radius with chip breaker Z3*



CODE		D mm	B mm	LT mm	A mm	C mm
RIGHT RoT.	LEFT RoT.					
PHW210.001R	PHW210.001L	14	62	130	14	7
PHW210.002R	PHW210.002L	16	62	130	16	8



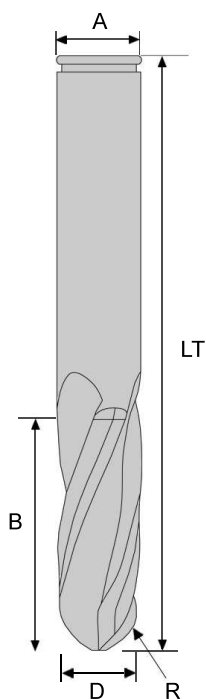
PHW220

Punta elicoidale in metallo duro integrale
con raggio al vertice Z3

HWM milling cutters for finishing with top radius Z3



CODE		D mm	B mm	LT mm	A mm	R
RIGHT RoT.	LEFT RoT.					
PHW220.001R	PHW220.001L	8	22	70	8	4
PHW220.002R	PHW220.002L	10	32	70	10	5
PHW220.003R	PHW220.003L	10	42	100	10	5
PHW220.004R	PHW220.004L	12	32	80	12	6
PHW220.005R	PHW220.005L	12	42	100	12	6
PHW220.006R	PHW220.006L	14	42	100	14	7
PHW220.007R	PHW220.007L	16	42	100	16	8
PHW220.008R	PHW220.008L	16	52	100	16	8
PHW220.009R	PHW220.009L	18	52	100	18	9
PHW220.010R	PHW220.010L	20	52	100	20	10
PHW220.011R	PHW220.011L	20	72	130	20	10



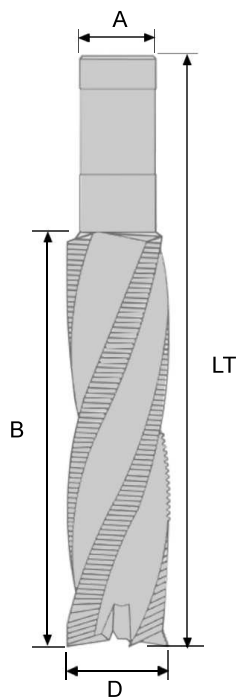
PHW230

Punta HS per macchina “HUNDEGGER” Z3

HS router bits for “HUNDEGGER” machines Z3



CODE	D	B	LT	A
RIGHT ROT.	mm	mm	mm	mm
PHW230.001R	40	165	235	30
PHW230.002R	50	215	295	30



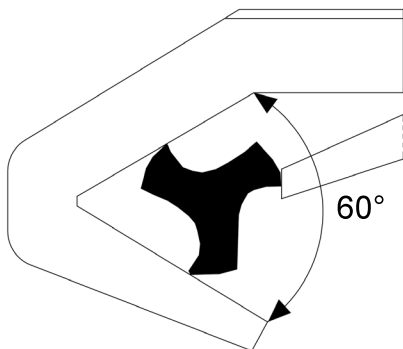
Three point digital caliper for cutters Z3



CODE	Capacità di misura
PHW235	4 - 40mm

- Calibro per la misurazione frese Z3
- Campo di misura: 4,00mm - 40,00mm
- Risoluzione: 0,01mm / 0,0005"
- Accuratezza: $\pm 0,05\text{mm}$ / $\pm 0,002"$
- Ripetibilità: 0,01mm / 0,0005"

- Measuring range: 4mm ÷ 40,00 mm / 0,16" ÷ 1,73".
- Resolution: 0,01 mm/0,0005".
- Accuracy: $\pm 0,05\text{mm}$ / $\pm 0,0002"$.
- Repeatability: 0,01 mm/0,0005".



LINEA ALLUMINIO

ALUMINUMS LINE

Classificazione delle materie plastiche

Classification of plastic materials

La seguente tabella aiuta a definire la tipologia di plastica che si sta lavorando
Reference table to identify the type of plastic processed and the right tool to use

SIMBOLO <i>symbol</i>	ABBREVIAZIONE <i>abbreviation</i>	NOME DEL POLIMERO <i>name</i>	MODULO DI RESISTENZA MECCANICA A TRAZIONE(MPa) <i>tensile strength (MPa)</i>	ALLUNGAMENTO A ROTTURA (%) <i>elongation at rupture (%)</i>	UTILIZZO <i>some example for use</i>
 01 PET	PETE PET	polietilene tereftalato o arnite <i>polyethylene terephthalate or arnite</i>	2300-10300	7	produzione di bottiglie per bevande,tubi,cinghie... <i>plastic bottles,belts,pipes...</i>
 01 PET	POLIESTERE <i>polyester</i>	polietilene tereftalato o arnite <i>polyethylene terephthalate or arnite</i>	2400	300	arredamento (pavimen- tazione e rivestimento mobili) abbigliamento... <i>home design,clothing...</i>
 02 PE-HD	HDPE	polietilene ad alta densità <i>high density polyethylene</i>	700-1400	15-100	produzione di contenitori di liquidi, imballaggi, finto legno... <i>bottles,packaging,wood plastic composit...</i>
 03 PVC	PVC V	cloruro di polivinile <i>polyvinyl chloride</i>	200-4200	2-30	produzione di tubazio- ne, recinzioni, contenitori non alimentari... <i>pipes, fencing,containers...</i>
 04 PE-LD	LDPE	polietilene a bassa densità <i>low density polyethylene</i>	100-250	50-800	produzione di contenitori vari, materiale plastico di laboratorio... <i>general purpose containers...</i>
 05 PP	PP	polipropilene o moplen <i>polyethylene or moplen</i>	1350	150-600	industria automobilistica e per la produzione di fibre <i>automotive industry and fibre production</i>
 06 PS	PS	polistirene o polistirolo <i>polystyrene</i>	2400-3350	1-4	giocattoli, accessori da uffici, vassoi, pannelli isolanti... <i>toys,office supplies,trays...</i>
 07 O	NYLON POLIMETILME- TACRILATO <i>methyl methacrylate resin</i>	poliammidi sintetiche <i>synthetic polyamide</i>	1500-3000	30-150	arredamento, pavimen- tazione, abbigliament- to... <i>furniture, flooring,clothing...</i>
 07 O	FIBRA DI VETRO <i>fiberglass</i>	poliammidi sintetiche <i>synthetic polyamide</i>	4500	40	campo nautico,aerospa- ziale,automobilistico... <i>shipbuilding,aerospace and automotive indu- stry...</i>

Il termine "plastica" viene genericamente utilizzato per indicare un tipo di materiale che in realtà può essere costituito da innumerevoli varietà di combinazioni di strutture polimere e dimensioni. Per questo motivo è molto difficile definire con precisione i parametri di lavorazione delle materie plastiche (velocità di avanzamento e n° di giri).

Per semplificare proponiamo di tenere in considerazione le seguenti linee guida:

lavorazione su pantografo:

- per materiale morbido ed elastico utilizzare frese Z=1, che permettono uno scarico maggiore;
- si consiglia di aumentare il volume di asportazione per evitare un consumo eccessivo dell'utensile;

lavorazione su macchine da taglio:

- per materiali plastici duri è preferibile utilizzare lame con maggior numero di denti.

"Plastic" is a generic term used to indicate type of material that can actually be constituted by an innumerable variety of combinations of polymer structures and sizes.

For this reason it is very hard to define precisely the working parameters (feed rates and RMP) of plastic materials.

here some guidelines that can help:

working with a CNC machine:

- use router bits Z=1 which allow a better chip flow, when working soft or flexible material;
- increase the chip load to avoid tool wear;

working with a table saw:

- use a sawblade with higher number of teeth when working hard materials.

HW milling cutters Z1

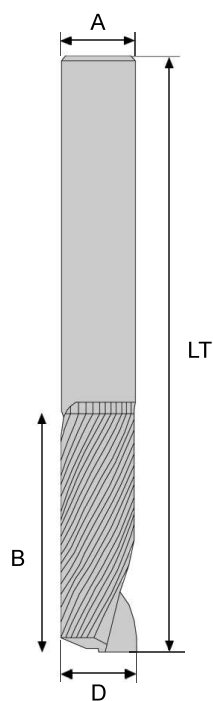


POSITIVA

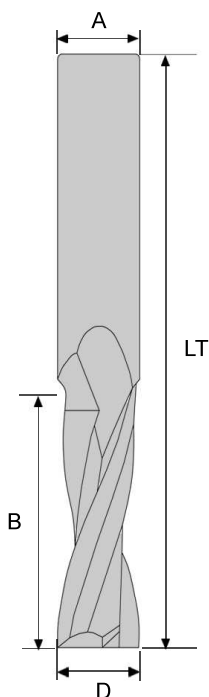
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RIGHT Rot.	LEFT Rot.	mm	mm	mm	mm
PHW240.001R	PHW240.001L	2	6	50	3
PHW240.002R	PHW240.002L	2	8	50	3
PHW240.003R	PHW240.003L	2,5	8	50	3
PHW240.004R	PHW240.004L	2,5	8	60	6
PHW240.005R	PHW240.005L	3	8	50	3
PHW240.006R	PHW240.006L	3	10	60	6
PHW240.007R	PHW240.007L	4	12	50	4
PHW240.008R	PHW240.008L	4	12	60	6
PHW240.009R	PHW240.009L	4	16	60	6
PHW240.010R	PHW240.010L	5	14	50	5
PHW240.011R	PHW240.011L	5	14	60	6
PHW240.012R	PHW240.012L	5	20	60	6
PHW240.013R	PHW240.013L	6	161	60	6
PHW240.014R	PHW240.014L	6	20	60	6
PHW240.015R	PHW240.015L	6	25	60	6
PHW240.016R	PHW240.016L	8	35	80	8
PHW240.017R	PHW240.017L	8	25	100	8
PHW240.018R	PHW240.018L	8	35	100	8
PHW240.019R	PHW240.019L	10	25	100	10
PHW240.020R	PHW240.020L	10	35	100	10
PHW240.021R	PHW240.021L	10	45	100	10
PHW240.022R	PHW240.022L	12	25	100	12
PHW240.023R	PHW240.023L	12	35	100	12
PHW240.024R	PHW240.024L	12	45	100	12
PHW240.025R	PHW240.025L	14	35	100	14
PHW240.026R	PHW240.026L	14	45	100	14
PHW240.027R	PHW240.027L	16	35	100	16
PHW240.028R	PHW240.028L	16	45	100	16

NEGATIVA

CODE		D	B	LT	A
RIGHT Rot.	LEFT Rot.	mm	mm	mm	mm
PHW240.029R	PHW240.029L	2	6	50	3
PHW240.030R	PHW240.030L	2	8	50	3
PHW240.031R	PHW240.031L	2,5	8	50	3
PHW240.032R	PHW240.032L	2,5	8	60	6
PHW240.033R	PHW240.033L	3	8	50	3
PHW240.034R	PHW240.034L	3	10	60	6
PHW240.035R	PHW240.035L	4	12	50	4
PHW240.036R	PHW240.036L	4	12	60	6
PHW240.037R	PHW240.037L	4	16	60	6
PHW240.038R	PHW240.038L	5	14	50	5
PHW240.039R	PHW240.039L	5	14	60	6
PHW240.040R	PHW240.040L	5	20	60	6
PHW240.041R	PHW240.041L	6	161	60	6
PHW240.042R	PHW240.042L	6	20	60	6
PHW240.043R	PHW240.043L	6	25	60	6
PHW240.044R	PHW240.044L	8	35	80	8
PHW240.045R	PHW240.045L	8	25	100	8
PHW240.046R	PHW240.046L	8	35	100	8
PHW240.047R	PHW240.047L	10	25	100	10
PHW240.048R	PHW240.048L	10	35	100	10
PHW240.049R	PHW240.049L	10	45	100	10
PHW240.050R	PHW240.050L	12	25	100	12
PHW240.051R	PHW240.051L	12	35	100	12
PHW240.052R	PHW240.052L	12	45	100	12
PHW240.053R	PHW240.053L	14	35	100	14
PHW240.054R	PHW240.054L	14	45	100	14
PHW240.055R	PHW240.055L	16	35	100	16
PHW240.056R	PHW240.056L	16	45	100	16



HW milling cutters Z2



POSITIVA

CODE		D	B	LT	A
RIGHT Rot.	LEFT Rot.	mm	mm	mm	mm
PHW250.001R	PHW250.001L	3	10	50	3
PHW250.002R	PHW250.002L	3	10	60	6
PHW250.003R	PHW250.003L	4	12	50	4
PHW250.004R	PHW250.004L	4	12	60	6
PHW250.005R	PHW250.005L	4	16	60	6
PHW250.006R	PHW250.006L	5	14	50	5
PHW250.007R	PHW250.007L	5	14	60	6
PHW250.008R	PHW250.008L	5	20	60	6
PHW250.009R	PHW250.009L	6	15	60	6
PHW250.010R	PHW250.010L	6	20	60	6
PHW250.011R	PHW250.011L	6	25	60	6
PHW250.012R	PHW250.012L	8	20	80	8
PHW250.013R	PHW250.013L	8	25	80	8
PHW250.014R	PHW250.014L	8	35	100	8
PHW250.015R	PHW250.015L	10	25	100	10
PHW250.016R	PHW250.016L	10	35	100	10
PHW250.017R	PHW250.017L	10	45	100	10
PHW250.018R	PHW250.018L	12	25	100	12
PHW250.019R	PHW250.019L	12	35	100	12
PHW250.020R	PHW250.020L	12	45	100	12
PHW250.021R	PHW250.021L	14	35	100	14
PHW250.022R	PHW250.022L	14	45	100	14
PHW250.023R	PHW250.023L	16	35	100	16
PHW250.024R	PHW250.024L	16	45	100	16
PHW250.025R	PHW250.025L	16	55	110	16
PHW250.026R	PHW250.026L	16	65	130	16
PHW250.027R	PHW250.027L	20	55	110	20
PHW250.028R	PHW250.028L	20	65	130	20

NEGATIVA

CODE		D	B	LT	A
RIGHT Rot.	LEFT Rot.	mm	mm	mm	mm
PHW250.029R	PHW250.029L	3	10	50	3
PHW250.030R	PHW250.030L	3	10	60	6
PHW250.031R	PHW250.031L	4	12	50	4
PHW250.032R	PHW250.032L	4	12	60	6
PHW250.033R	PHW250.033L	4	16	60	6
PHW250.034R	PHW250.034L	5	14	50	5
PHW250.035R	PHW250.035L	5	14	60	6
PHW250.036R	PHW250.036L	5	20	60	6
PHW250.037R	PHW250.037L	6	15	60	6
PHW250.038R	PHW250.038L	6	20	60	6
PHW250.039R	PHW250.039L	6	25	60	6
PHW250.040R	PHW250.040L	8	20	80	8
PHW250.041R	PHW250.041L	8	25	80	8
PHW250.042R	PHW250.042L	8	35	100	8
PHW250.043R	PHW250.043L	10	25	100	10
PHW250.044R	PHW250.044L	10	35	100	10
PHW250.045R	PHW250.045L	10	45	100	10
PHW250.046R	PHW250.046L	12	25	100	12
PHW250.047R	PHW250.047L	12	35	100	12
PHW250.048R	PHW250.048L	12	45	100	12
PHW250.049R	PHW250.049L	14	35	100	14
PHW250.050R	PHW250.050L	14	45	100	14
PHW250.051R	PHW250.051L	16	35	100	16
PHW250.052R	PHW250.052L	16	45	100	16
PHW250.053R	PHW250.053L	16	55	110	16
PHW250.054R	PHW250.054L	16	65	130	16
PHW250.055R	PHW250.055L	20	55	110	20
PHW250.056R	PHW250.056L	20	65	130	20

HW milling cutters with chip-breaker for finishing Z2

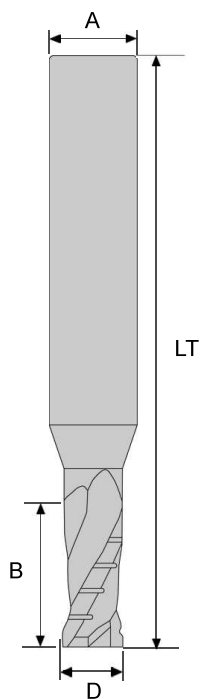


POSITIVA

CODE		D	B	LT	A
RIGHT RoT.	LEFT RoT.	mm	mm	mm	mm
PHW260.001R	PHW260.001L	6	10	80	12
PHW260.002R	PHW260.002L	6	18	80	12
PHW260.003R	PHW260.003L	8	10	80	12
PHW260.004R	PHW260.004L	8	18	80	12
PHW260.005R	PHW260.005L	10	18	75	16
PHW260.006R	PHW260.006L	10	18	80	12
PHW260.007R	PHW260.007L	12	18	80	12

NEGATIVA

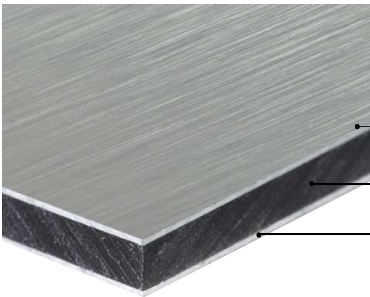
CODE		D	B	LT	A
RIGHT RoT.	LEFT RoT.	mm	mm	mm	mm
PHW260.008R	PHW260.008L	6	10	80	12
PHW260.009R	PHW260.009L	6	18	80	12
PHW260.010R	PHW260.010L	8	10	80	12
PHW260.011R	PHW260.011L	8	18	80	12
PHW260.012R	PHW260.012L	10	18	75	16
PHW260.013R	PHW260.013L	10	18	80	12
PHW260.014R	PHW260.014L	12	18	80	12



HW milling cutters for Alucobond - Dibond Z2



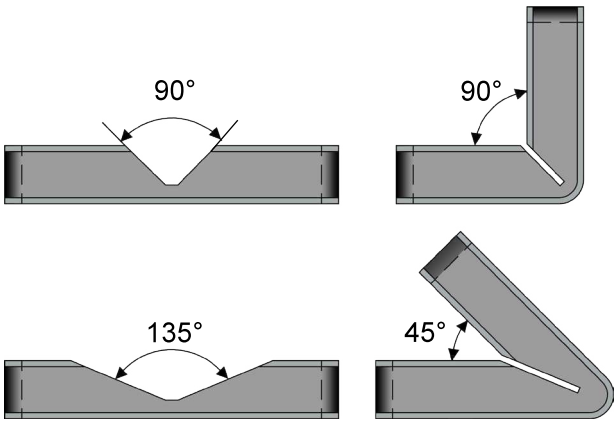
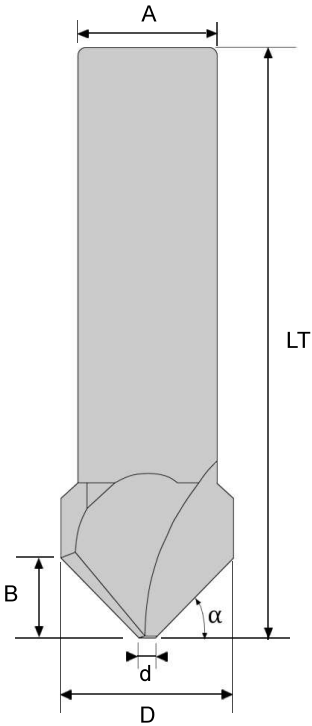
CODE		D mm	B mm	LT mm	A mm	d mm	α
RIGHT RoT.	LEFT RoT.						
PHW270.001R	PHW270.001L	25	11.5	85	20	2	45°
PHW270.002R	PHW270.002L	25	5	80	16	2	22.5°
PHW270.003R	PHW270.003L	12	5	60	12	2	45°



SUPERFICIE IN ALLUMINIO

STRATO IN POLIETILENE

ALLUMINIO SU LATO POSTERIORE



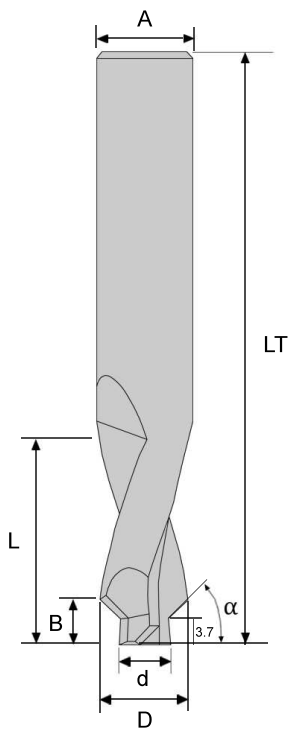
PHW280

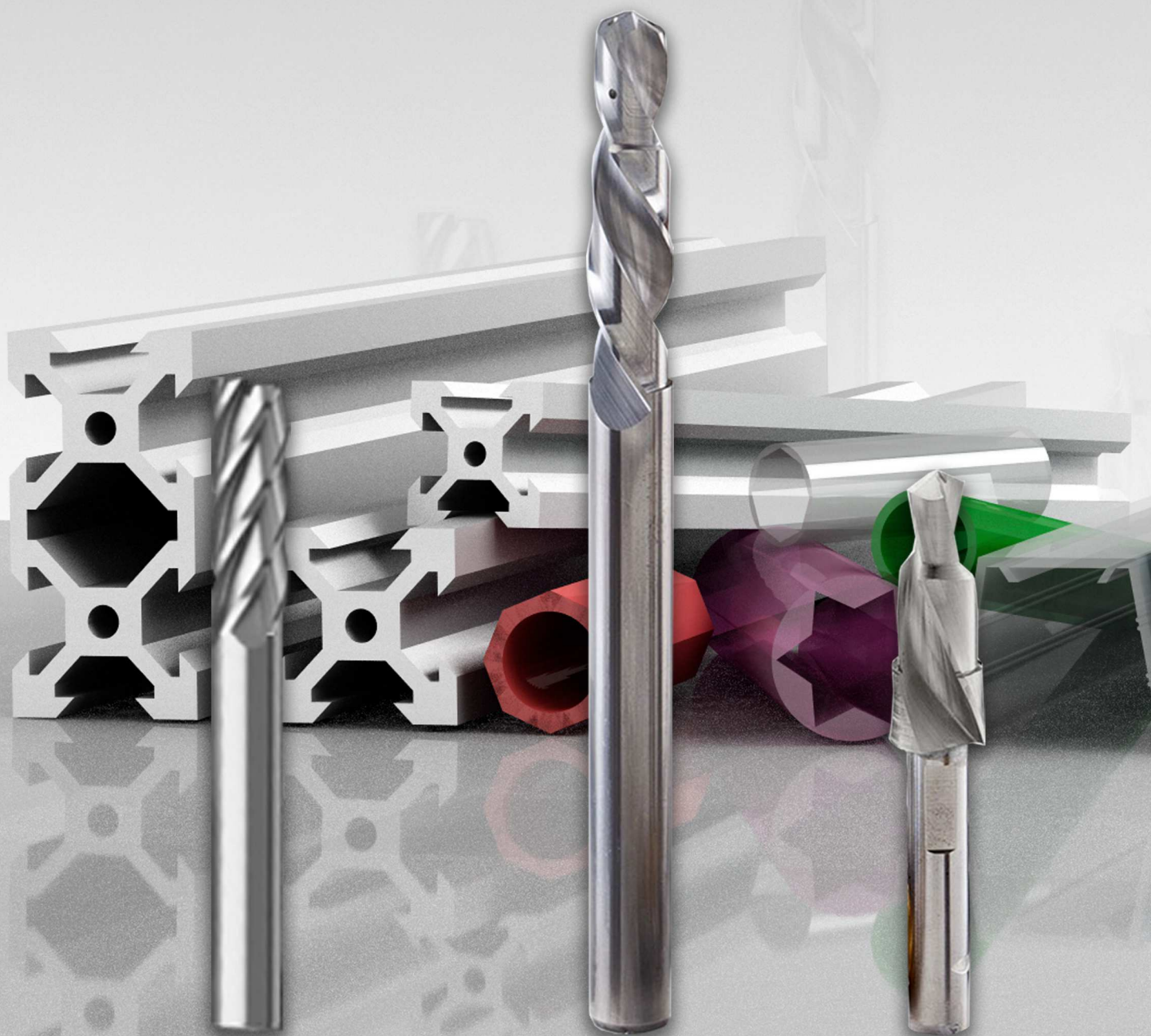
Punta elicoidale in HW integrale per Alucobond - Dibond Z2

HW milling cutters for Alucobond - Dibond Z2



CODE		D	B	LT	A	d	L	α
RIGHT RoT.	LEFT RoT.	mm	mm	mm	mm	mm	mm	°
PHW280.001R	PHW280.001L	12	6.2	80	12	7	25	45°





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TPP80Q

Punta portacoltelli multiprofilo per maniglie

CNC router bit cutterhead for handles

CODE	D mm	B mm	A mm	L mm	Z mm
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TPP80Q.001	85	25	20	50	2
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CODE	PARTI DI RICAMBIO SPARE PARTS	
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GRN1DX-SX	VITE / SCREW	M8-M6
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OGV1SB	OGIVA / NUT	M8
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T19SB	CUNEO / WEDGE	SP 19mm
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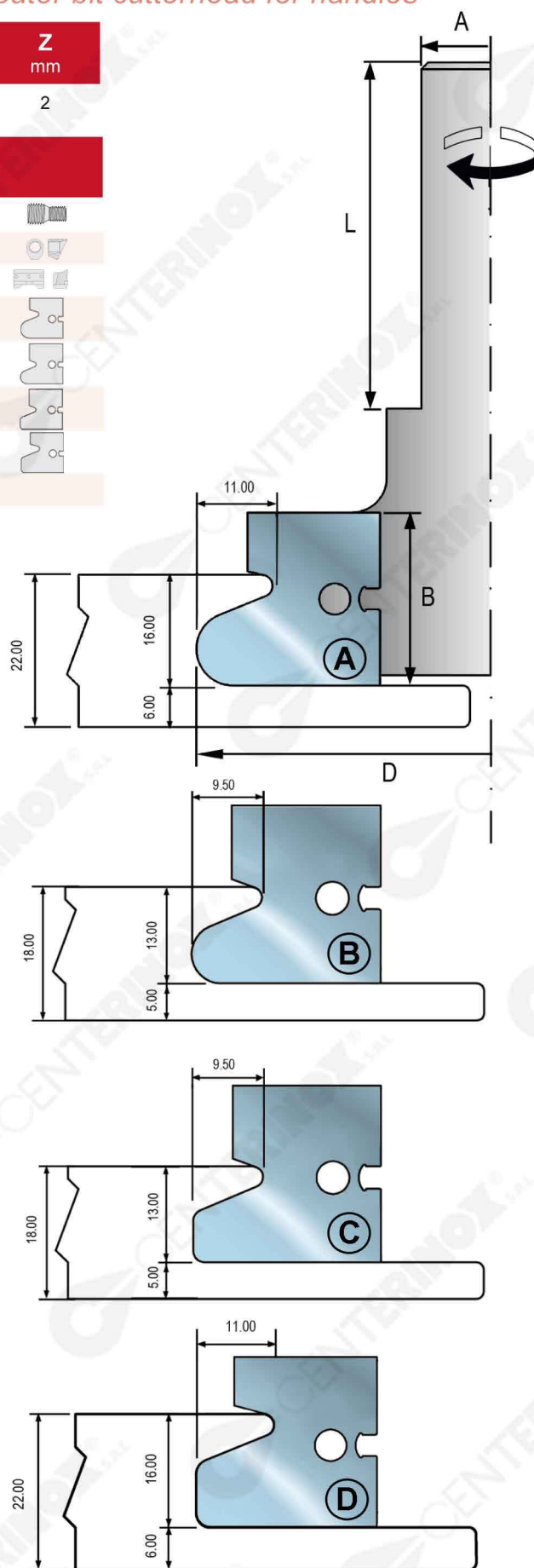
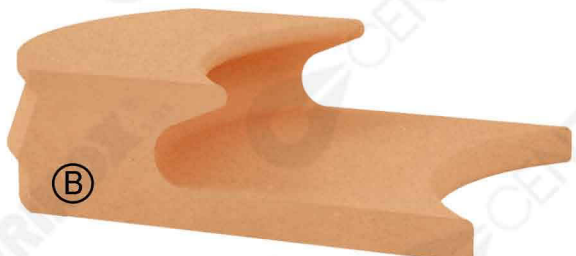
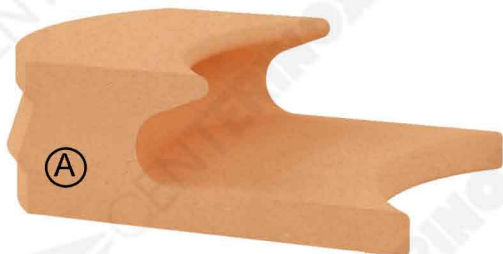
CLT80Q/A	COLTELLO / KNIFE	"A" 25X30
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CLT80Q/B	COLTELLO / KNIFE	"B" 25X30
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CLT80Q/C	COLTELLO / KNIFE	"C" 25X30
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CLT80Q/D	COLTELLO / KNIFE	"D" 25X30
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Un profilo a scelta / A profile to choose



TPP81Q

Punta portacoltelli multiprofilo per maniglie

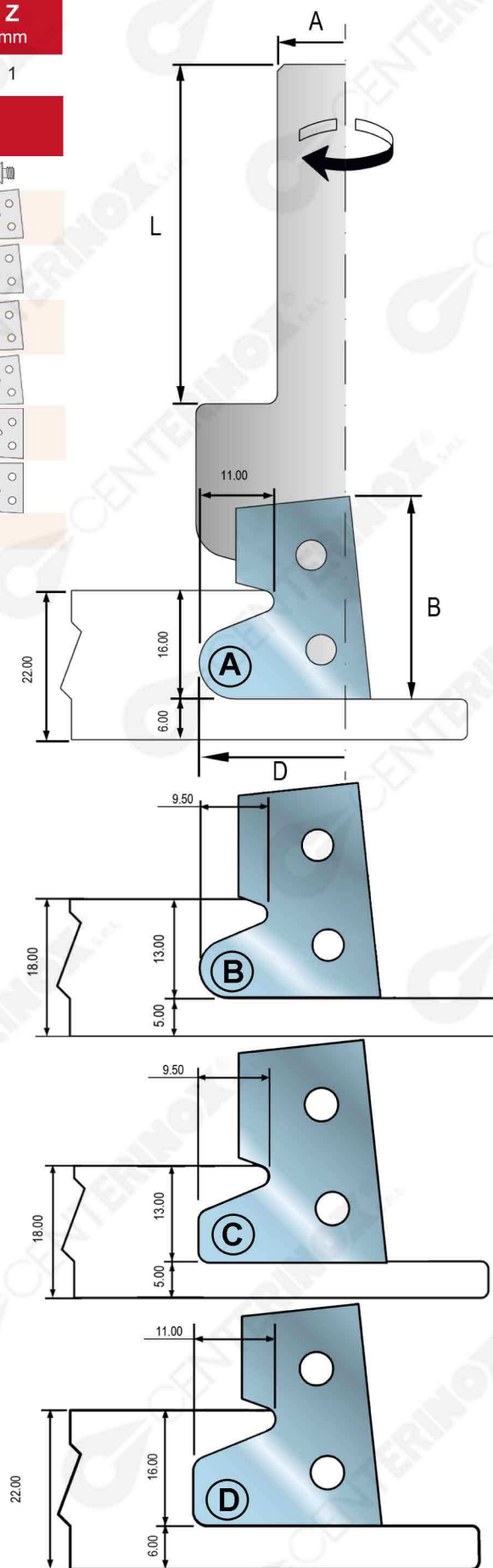
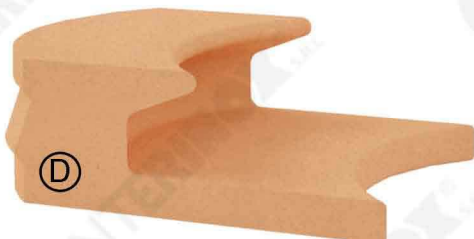
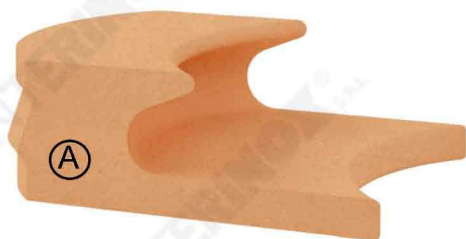
CNC routerbit cutterhead for handles

CODE	D mm	B mm	A mm	L mm	Z mm
TPP81Q.001	43	30	20	50	1

CODE	PARTI DI RICAMBIO SPARE PARTS	
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VRTX1	VITE / SCREW	M4X6 TORX	
CLT81Q/A	COLTELLO / KNIFE	"A" 30X30	
CLT81Q/B	COLTELLO / KNIFE	"B" 30X30	
CLT81Q/C	COLTELLO / KNIFE	"C" 30X30	
CLT81Q/D	COLTELLO / KNIFE	"D" 30X30	
CLT81Q/E	COLTELLO / KNIFE	"E" 30X30	
CLT81Q/F	COLTELLO / KNIFE	"F" 30X30	

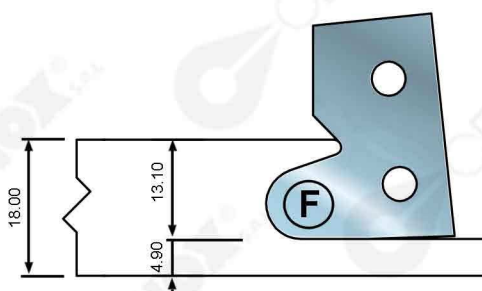
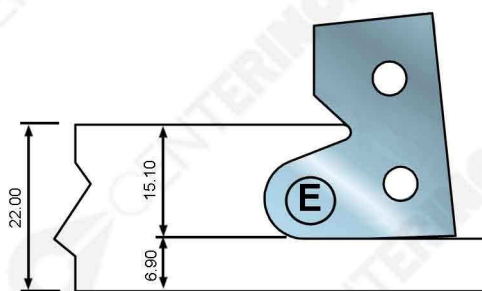
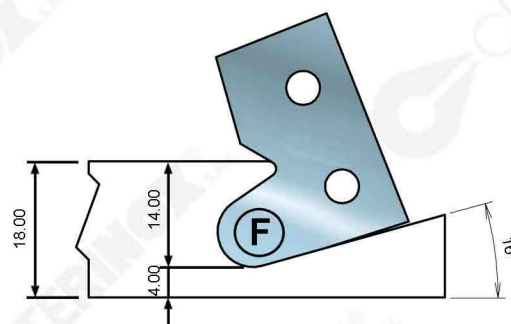
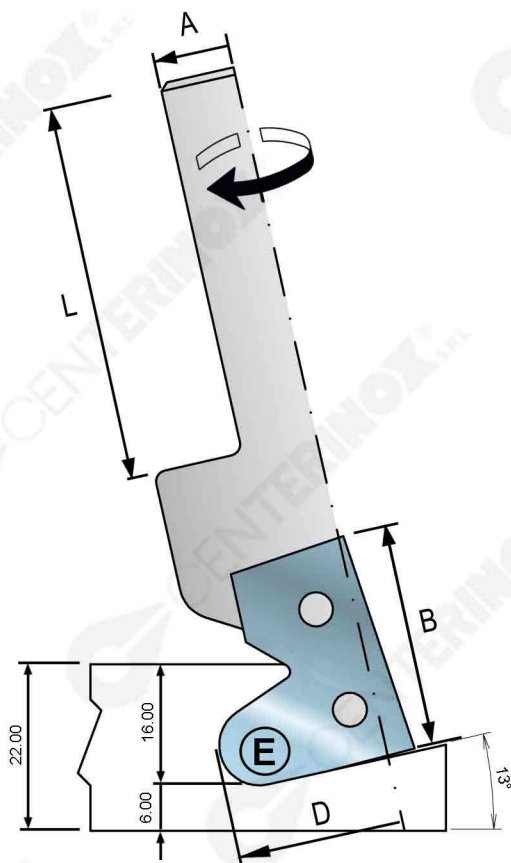
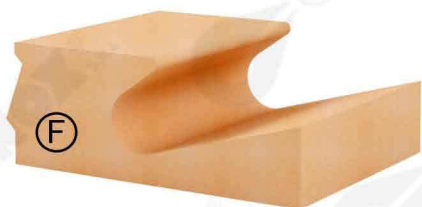
Un profilo a scelta / A profile to choose



TPP81Q

Punta portacoltelli multiprofilo per maniglie

CNC routerbit cutterhead for handles





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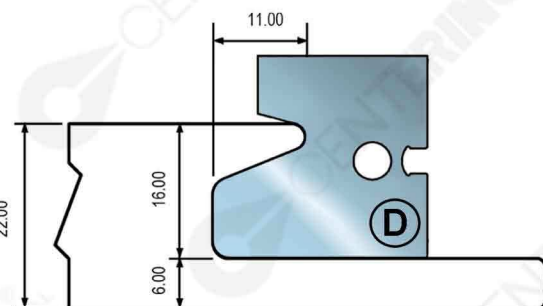
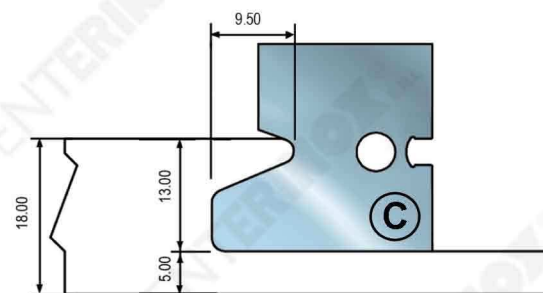
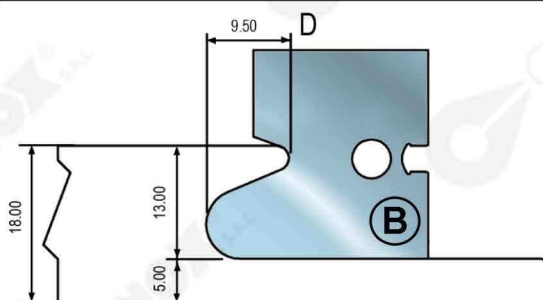
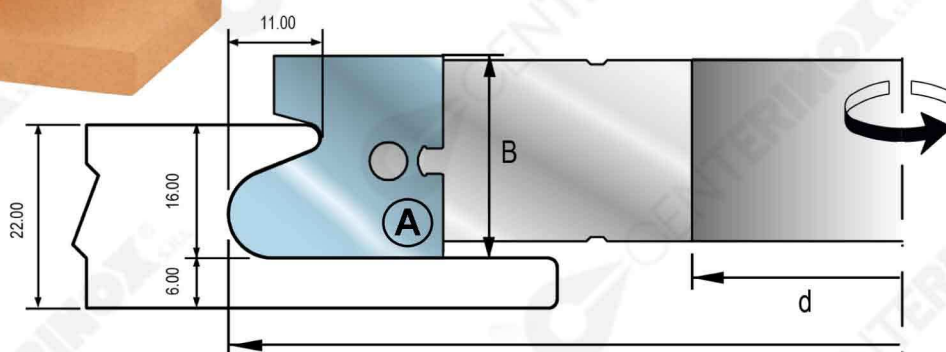
TFM 234H

Testa portacoltelli multiprofilo per maniglie
Multi-profile cutterhead for handles

CODE	D mm	B mm	d mm	Z
TFM234H.001	160	25	35/40/50	3

CODE	PARTI DI RICAMBIO SPARE PARTS	
GRN1DX-SX	VITE / SCREW	M8-M6
OGV1SB	OGIVA / NUT	M8
T19SB	CUNEO / WEDGE	SP 19mm
CLT234H/A	COLTELLO / KNIFE	"A" 25X30
CLT234H/B	COLTELLO / KNIFE	"B" 25X30
CLT234H/C	COLTELLO / KNIFE	"C" 25X30
CLT234H/D	COLTELLO / KNIFE	"D" 25X30

Un profilo a scelta / A profile to choose



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