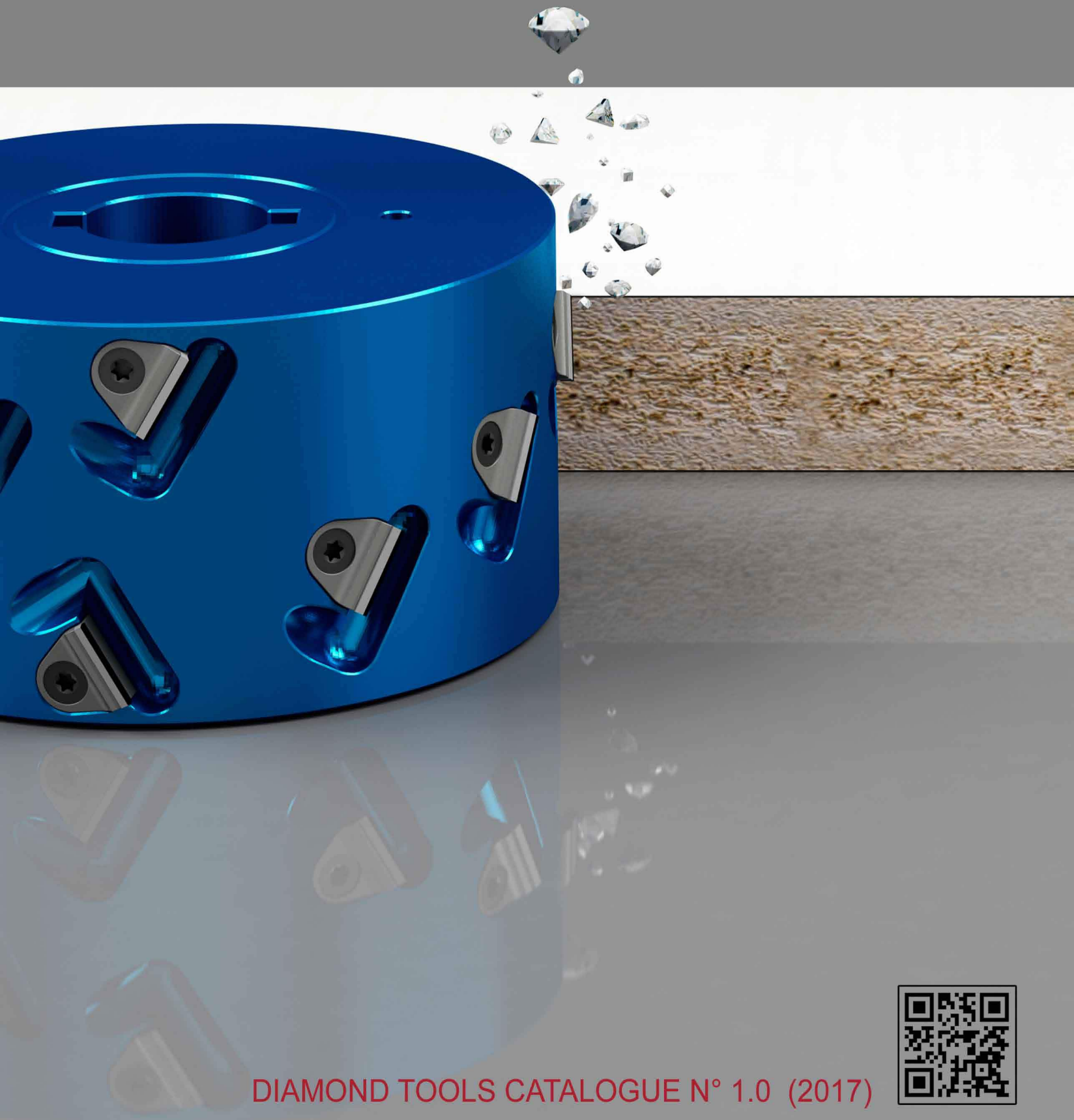




CENTERINOX[®] S.R.L.

Diamond tools



DIAMOND TOOLS CATALOGUE N° 1.0 (2017)





DIAMOND CATALOGUE



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63066 Grottammare (AP) - Italy
Tel. +39 0735 735278
Fax +39 0735 735380
e-mail: info@centerinox.it
www.centerinox.it*



Centerinox nel mondo

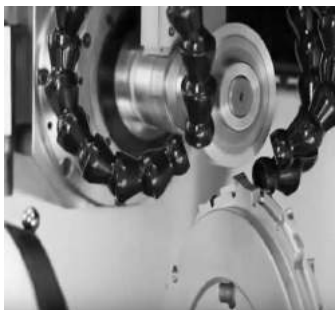
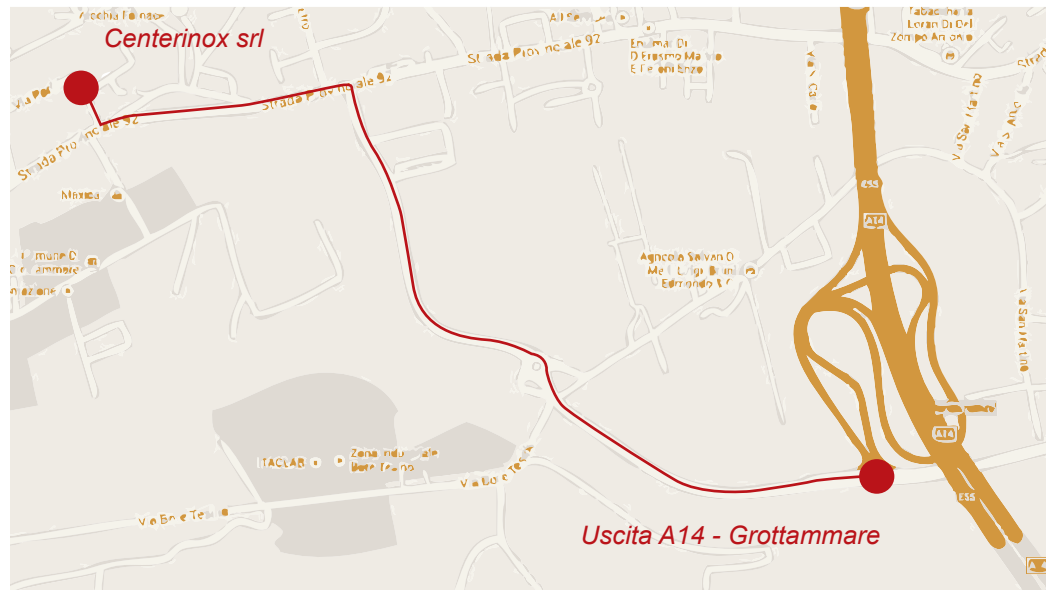
Centerinox in the world



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

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

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, 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

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 show on this new catalogue.

Our company offers a wide range of standard and special solution 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 simply suggestion. We manufacture since 30 years and we are present in national and international market by dealer organization.

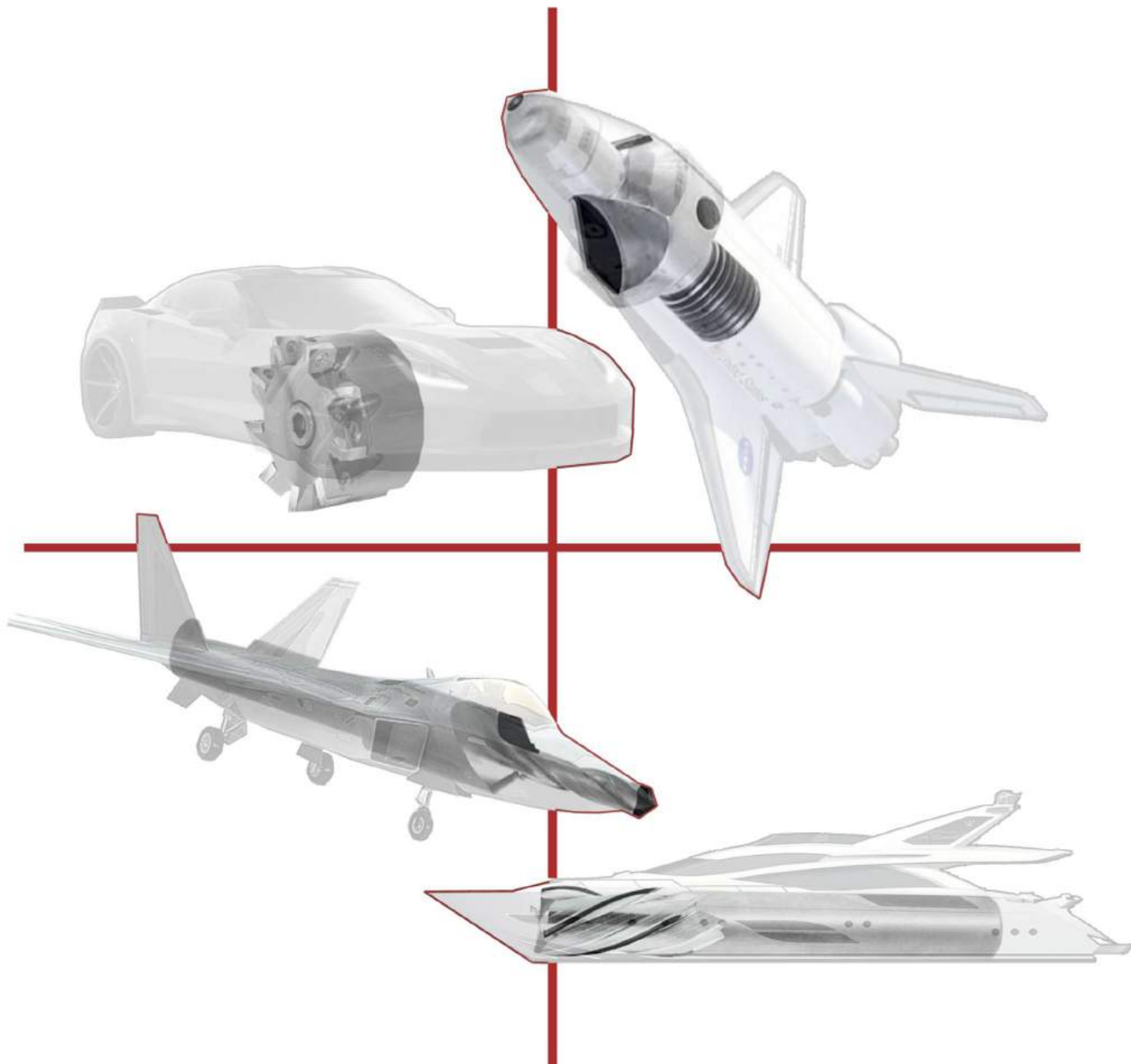
One of our strong point is the the mechanical fixing patent, who allow optimum processing and fast substitution of knives. In our laboratory we test and check continually all the tools in order to obtain safe utilization; all our production is made according the safe rule being force in Europe EN847-1.

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

CENTERINOX®

DIAMOND CUTTING TOOLS

**NEW
PRODUCT**



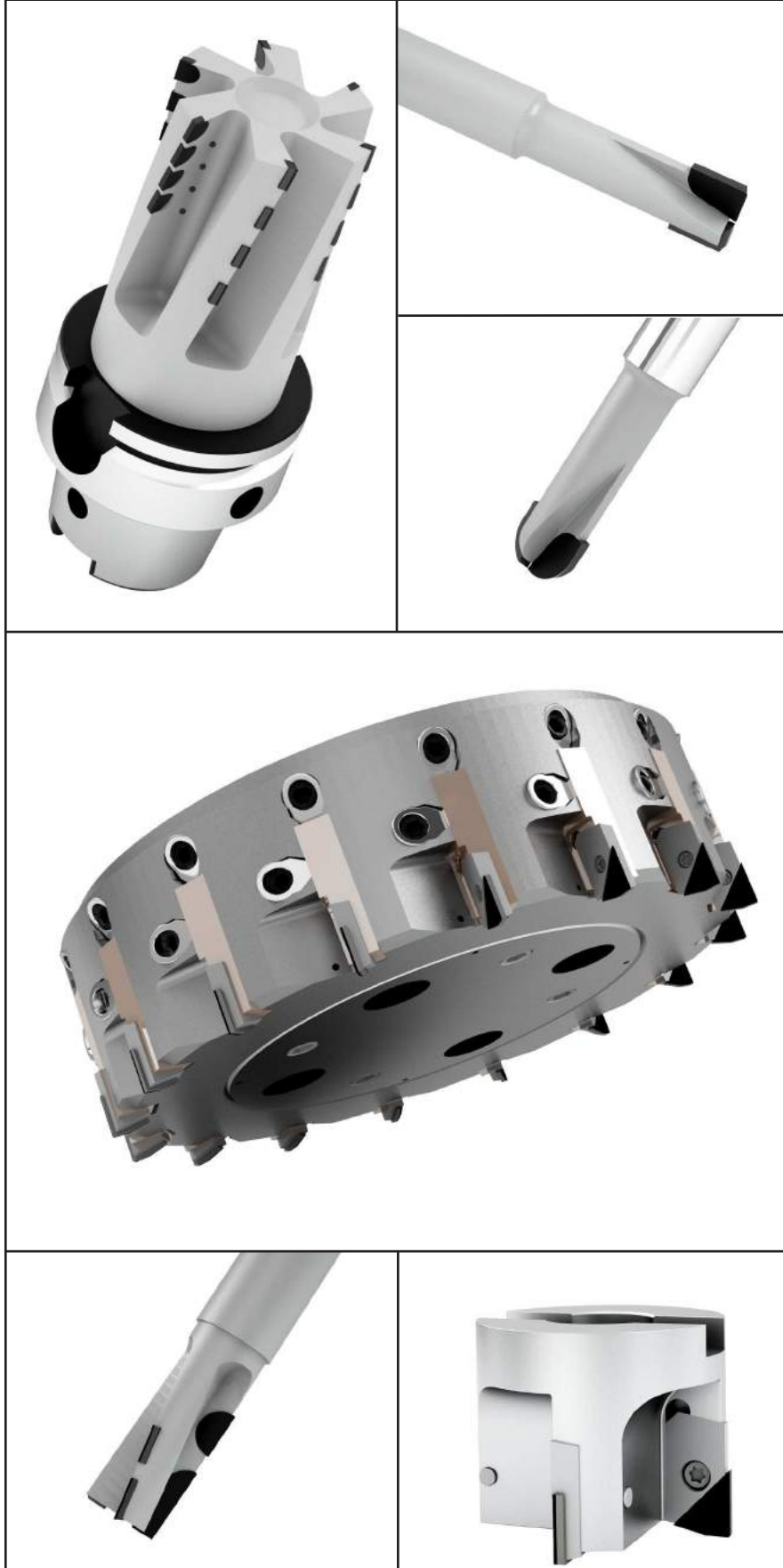
La **CENTERINOX** amplia la sua gamma di utensili diamantati, con la progettazione e produzione di utensili in policristallino per lavorazione di materiali compositi, componenti in fibra di carbonio, metalli, plastiche e resine.

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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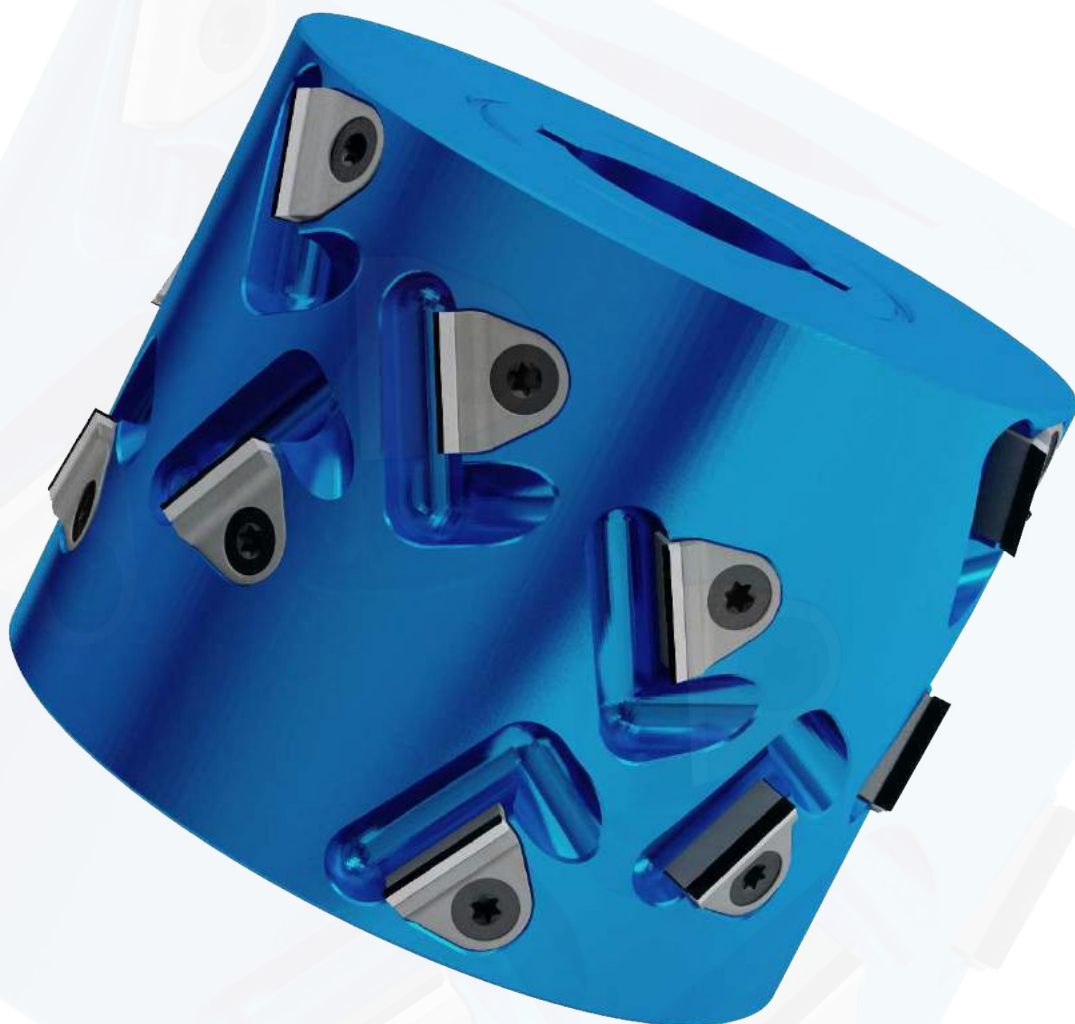
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ACCESSORIES

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FRESE ANTISCHEGGIA
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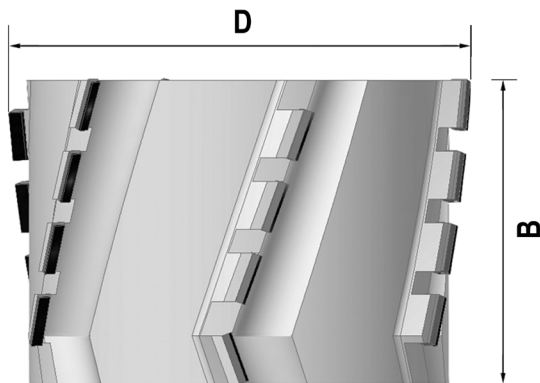
FDT010

Fresa elicoidale antischeggia al diamante H2,5
Per macchina bordatrice

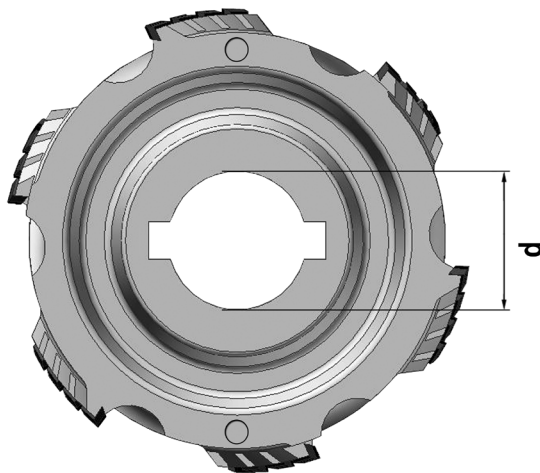
Helical edgebanding anti-chipping tools pcd H2,5



CODE		D mm	B mm	d mm	Z=2+2 n° placchette
RIGHT Rot.	LEFT Rot.				
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 mm	B mm	d mm	Z=3+3 n° placchette
RIGHT Rot.	LEFT Rot.				
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

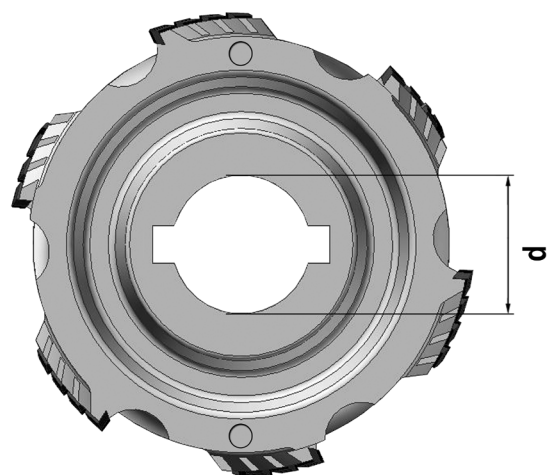
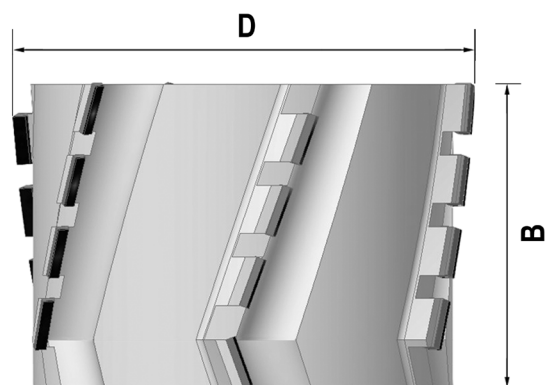
FDT015

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

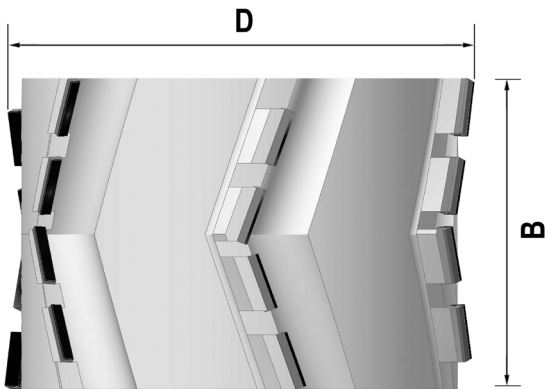
FDT020

Fresa elicoidale antischeggia al diamante H2,5
Per macchina bordatrice

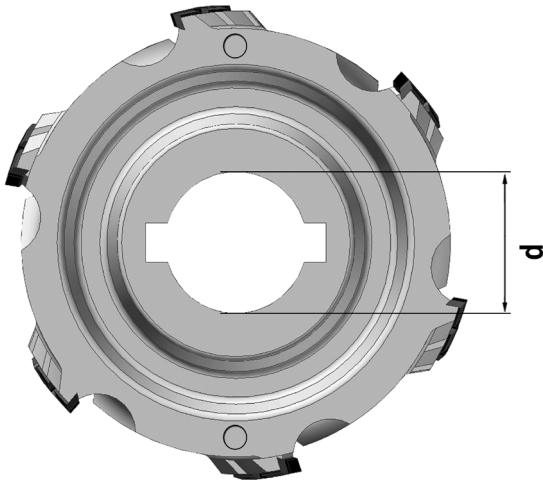
Helical edgebanding anti-chipping tools pcd H2,5



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



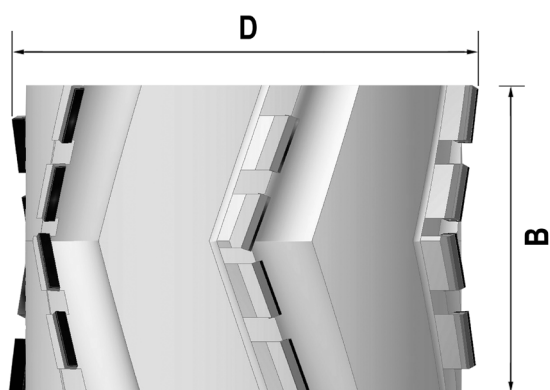
FDT025

*Fresa elicoidale antischeggia al diamante H4
Per macchina bordatrice*

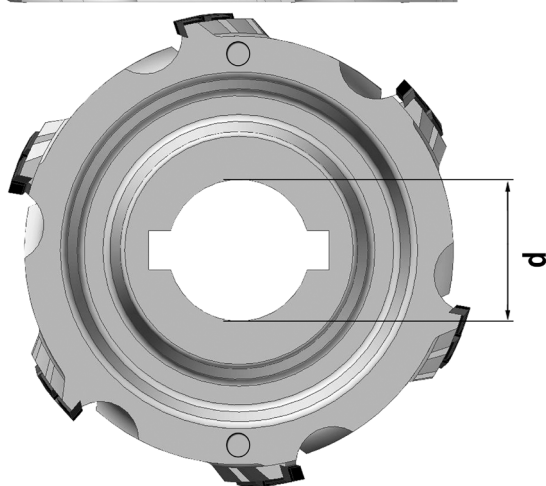
Helical edgebanding anti-chipping tools pcd H4



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



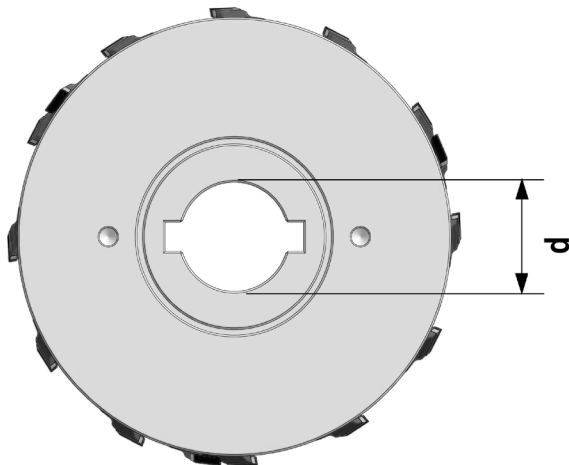
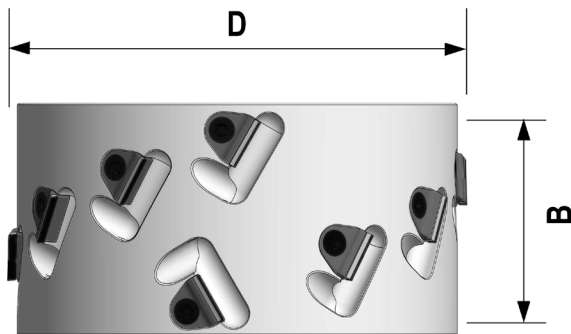
FDT030

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

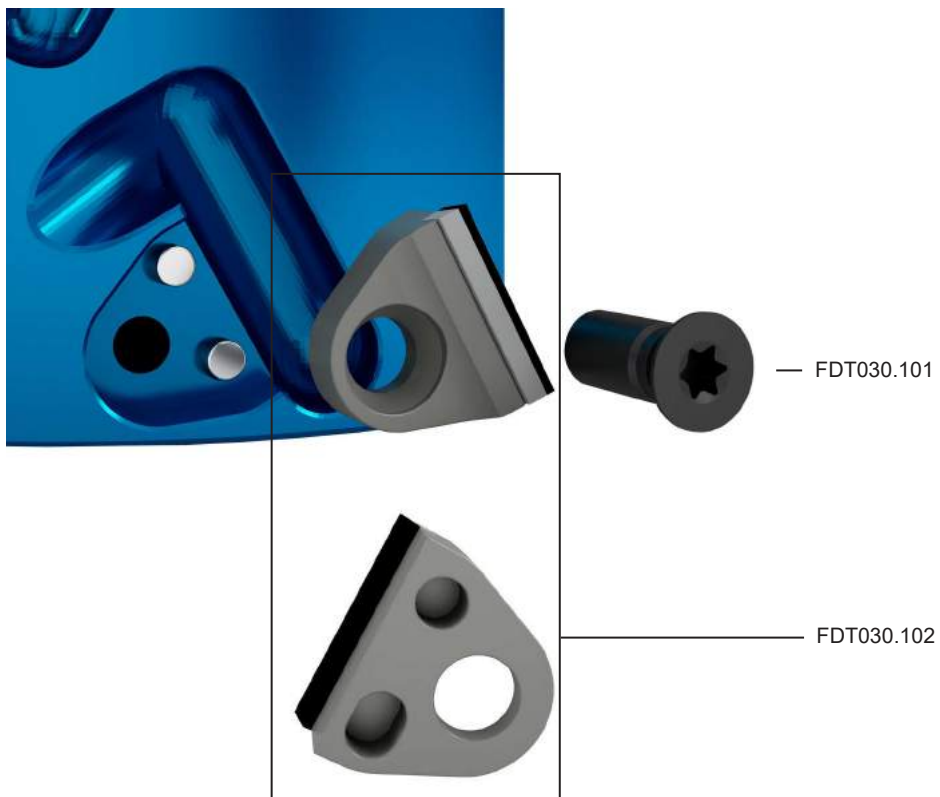


FDT030

Fresa elicoidale antischeggia al diamante in alluminio con inserti intercambiabili

Helical edgebanding anti-chipping tools

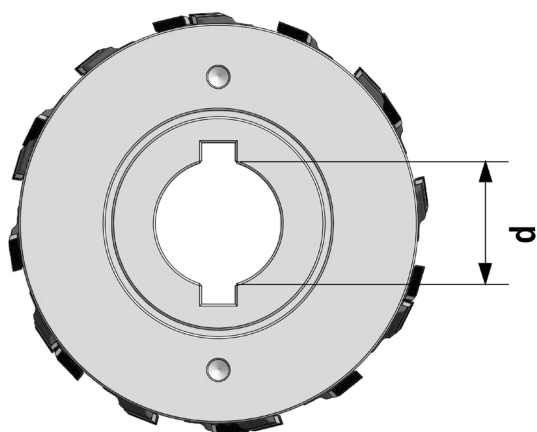
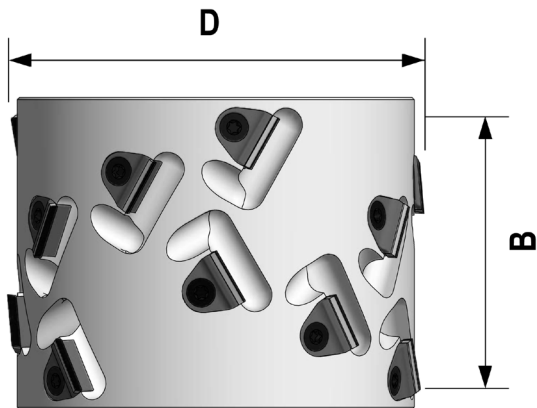
CODE	PARTI DI RICAMBIO SPARE PARTS	
FDT030.101	VITE / SCREW	M5X7 
FDT030.102	INSERTO / INSERT	



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

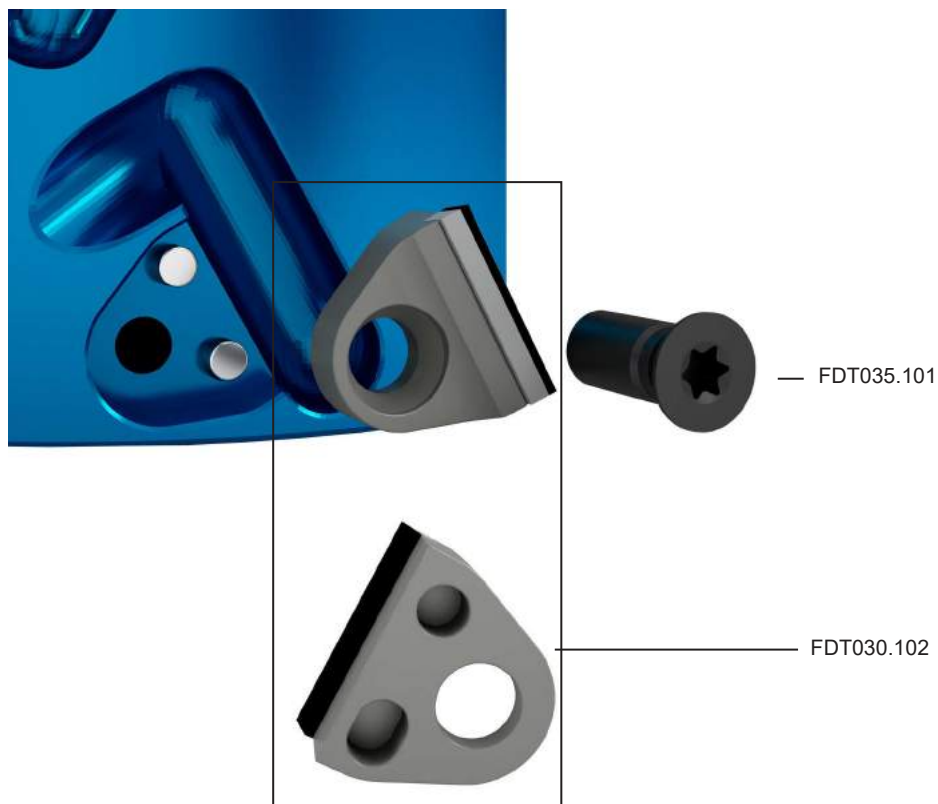


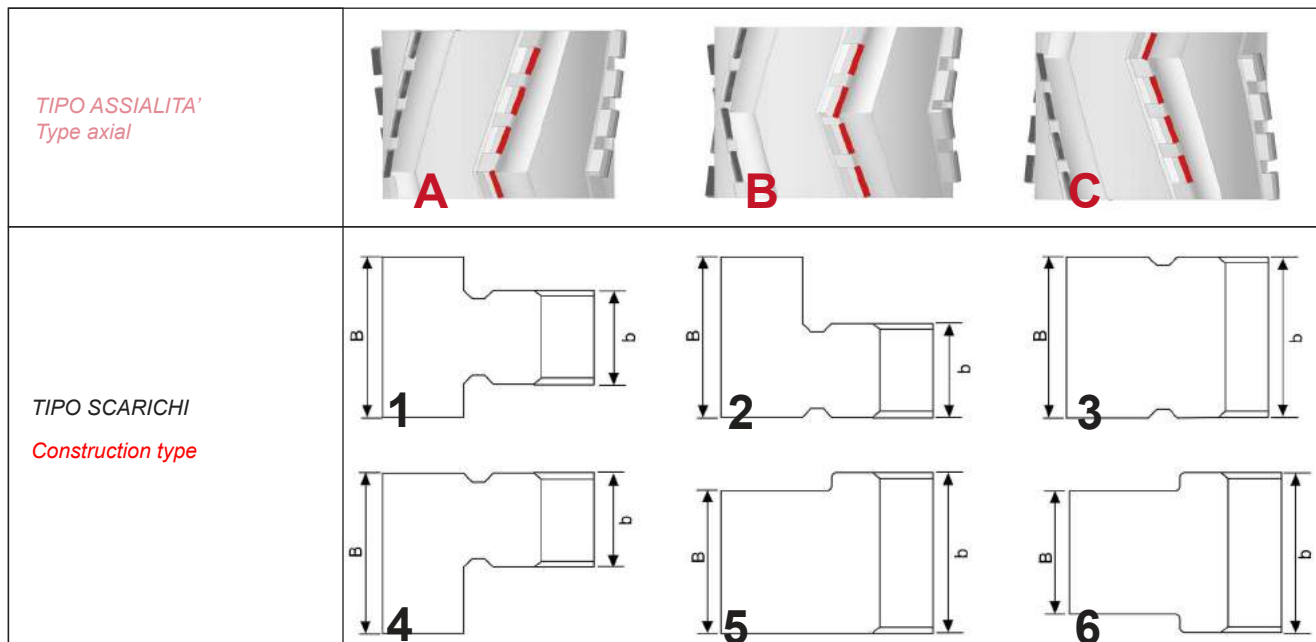
FDT035

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	





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.

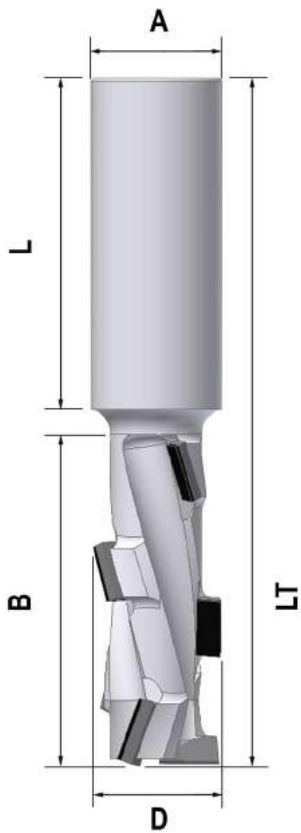


SEZIONE B
SECTION B

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



PDT015

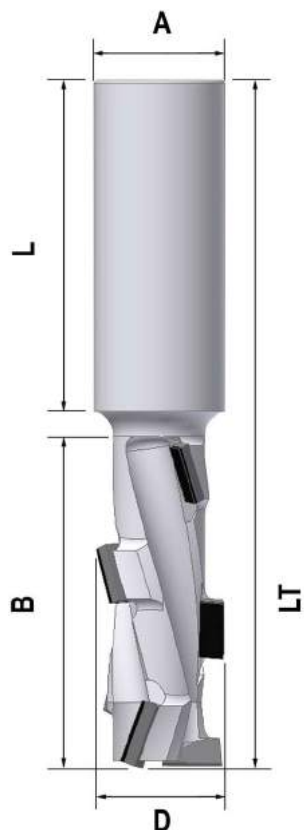
Punta elicoidale al diamante Z1 H4
Per pantografo

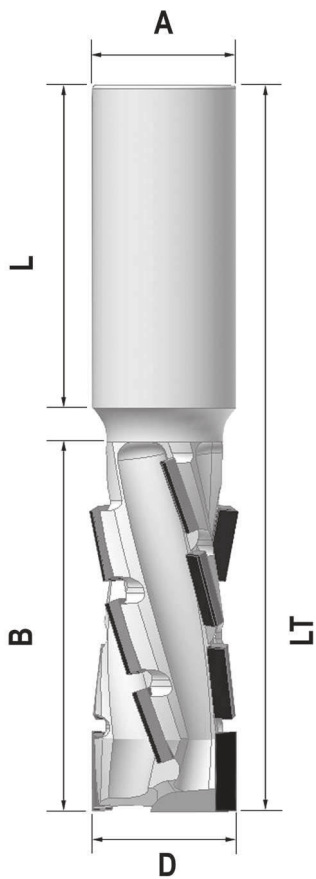
B

CNC Helical routerbit Z1 pcd H4



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





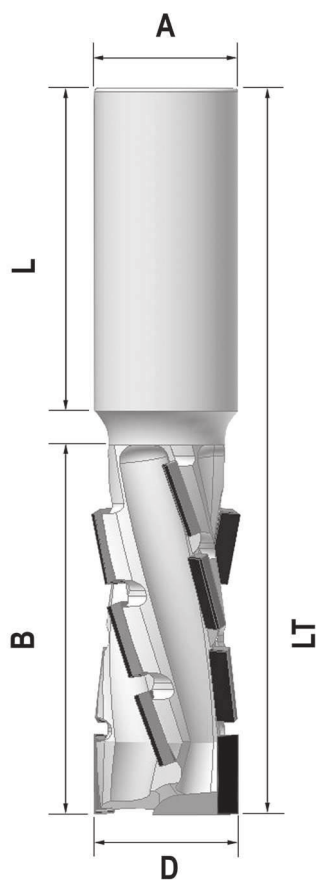
CODE		D mm	B mm	LT mm	A mm	L mm	Z=2+2 n° placchette
RIGHT Rot.	LEFT Rot.						
PDT020.001R	PDT020.001L	12	25	77	12	40	6+1HW
PDT020.002R	PDT020.002L	14	25	76	16	50	6+1HW
PDT020.003R	PDT020.003L	14	34	95	16	50	8+1HW
PDT020.004R	PDT020.004L	16	25	85	20	50	6+1HW
PDT020.005R	PDT020.005L	16	34	95	20	50	8+1HW
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



CNC Helical routerbit Z2 pcd H4

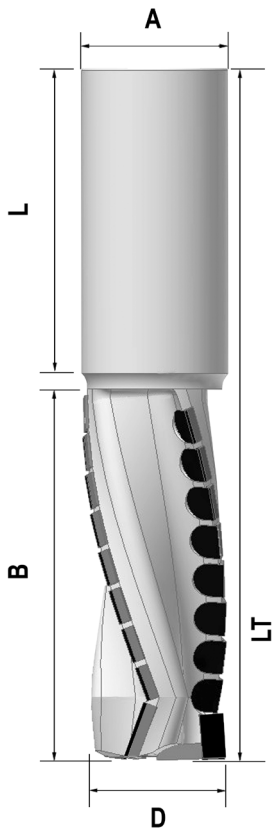


CODE		D mm	B mm	LT mm	A mm	L mm	Z=2+2 n° placchette
RIGHT Rot.	LEFT Rot.						
PDT025.001R	PDT025.001L	18	25	85	20	50	6+1HW
PDT025.002R	PDT025.002L	18	34	95	20	50	8+1HW
PDT025.003R	PDT025.003L	18	43	103	20	50	10+1HW
PDT025.004R	PDT025.004L	20	25	85	20	50	6+1HW
PDT025.005R	PDT025.005L	20	34	95	20	50	8+1HW
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

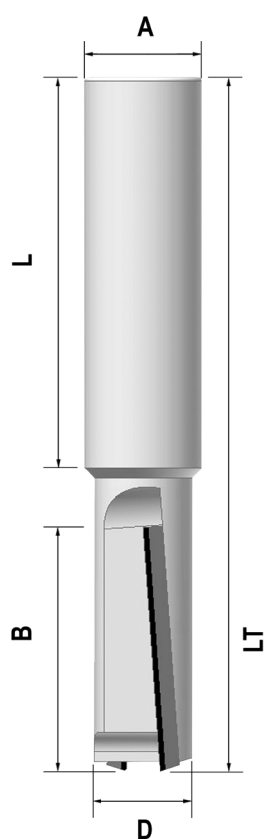
VRT010



VRT015



Routerbit for joint on HW body

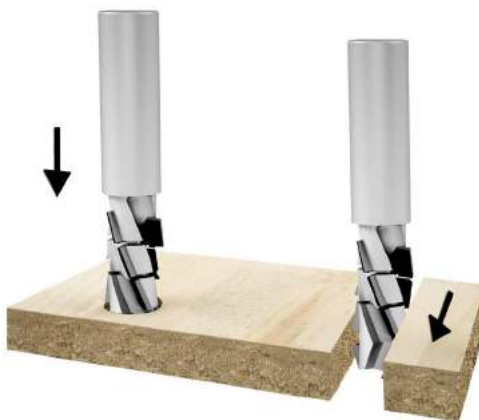
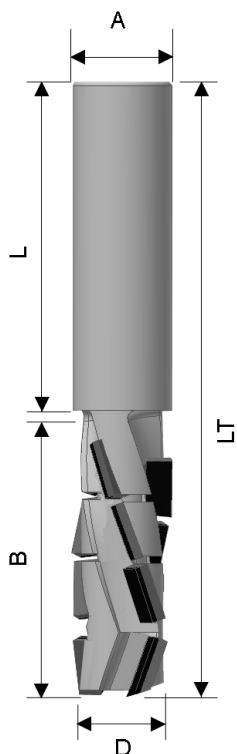


CODE	D mm	B mm	LT mm	A mm	L mm	Z
PDT035.001	5	10	70	6	40	1+1HW
PDT035.002	6	10	70	6	40	1+1HW
PDT035.003	7	10	70	8	40	1+1HW
PDT035.004	8	10	70	10	40	1+1HW
PDT035.005	8	13	70	10	40	1+1HW
PDT035.006	8	16	70	10	40	1+1HW
PDT035.007	8	20	70	10	40	1+1HW
PDT035.008	10	10	70	10	40	1+1HW
PDT035.009	10	10	70	10	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



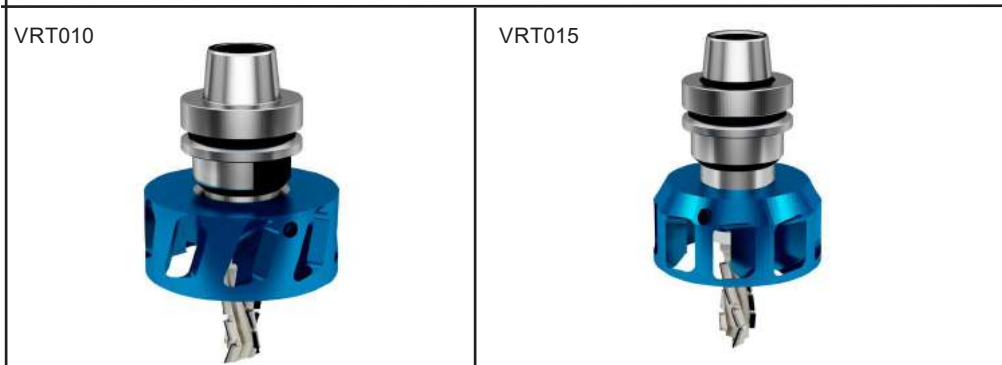


CODE		D mm	B mm	LT mm	A mm	L mm	Z
RIGHT RoT.	LEFT RoT.						
PDT040.001R	PDT040.001L	12	21	70	12	40	3 + 1 PCD
PDT040.002R	PDT040.002L	12	21	70	16	40	3 + 1 PCD
PDT040.003R	PDT040.003L	12	21	70	20	40	3 + 1 PCD
PDT040.004R	PDT040.004L	12	25	75	12	40	3 + 1 PCD
PDT040.005R	PDT040.005L	12	25	75	16	40	3 + 1 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

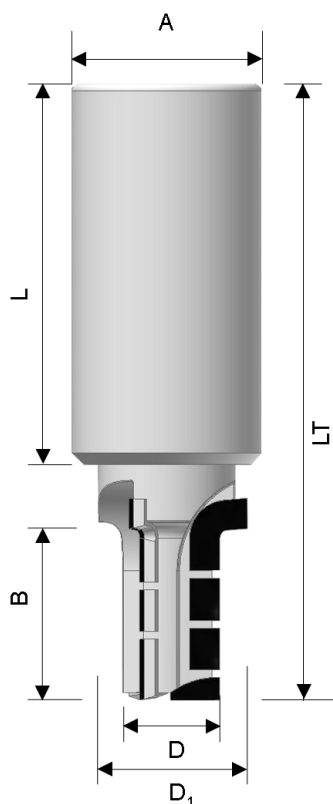
*We recommend the use of the routerbit PDT040 combined with Vortex VRT010 / VRT015.
See page 83 / 84*



PDT045

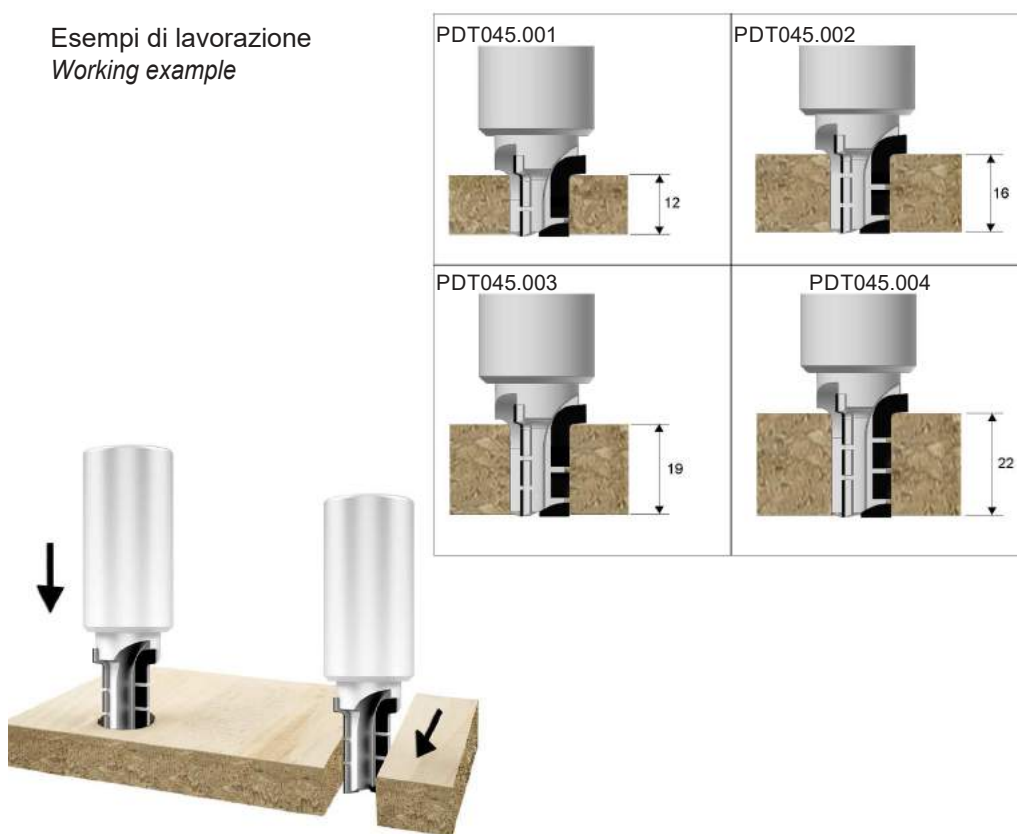
Punta per nesting raggiata

Routerbit for nesting with radius



CODE		D mm	D ₁ mm	B mm	LT mm	A mm	L mm	Z
RIGHT Rot.	LEFT Rot.							
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

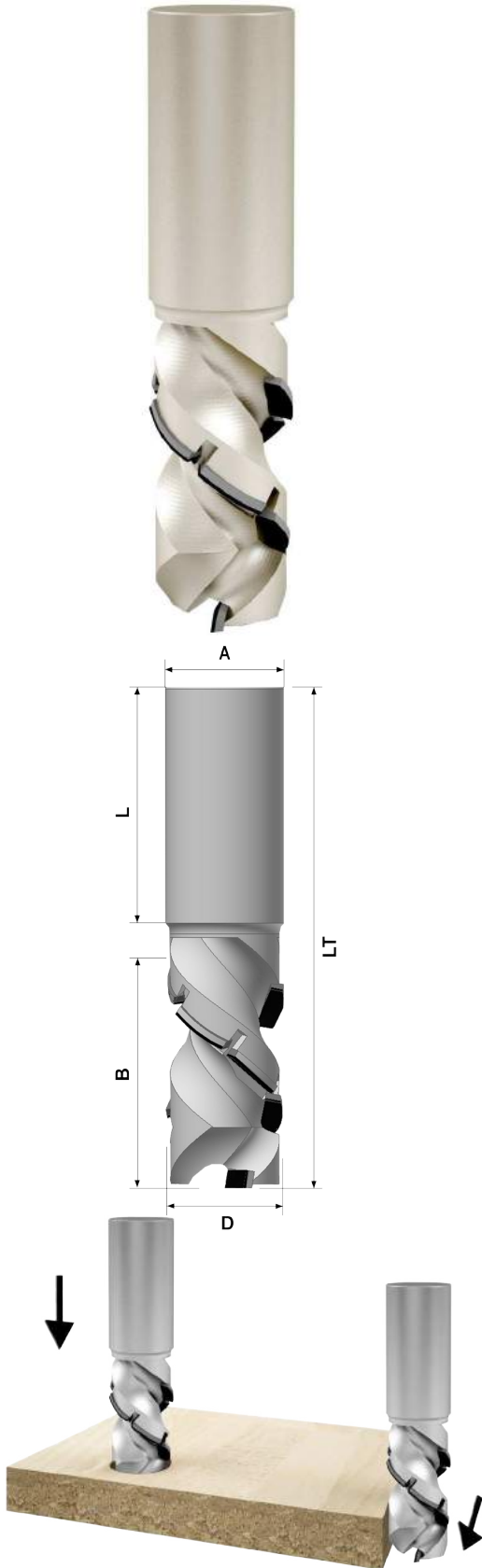
We recommend the use of the routerbit PDT045 combined with Vortex VRT010 / VRT015.
See page 83 / 84

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.

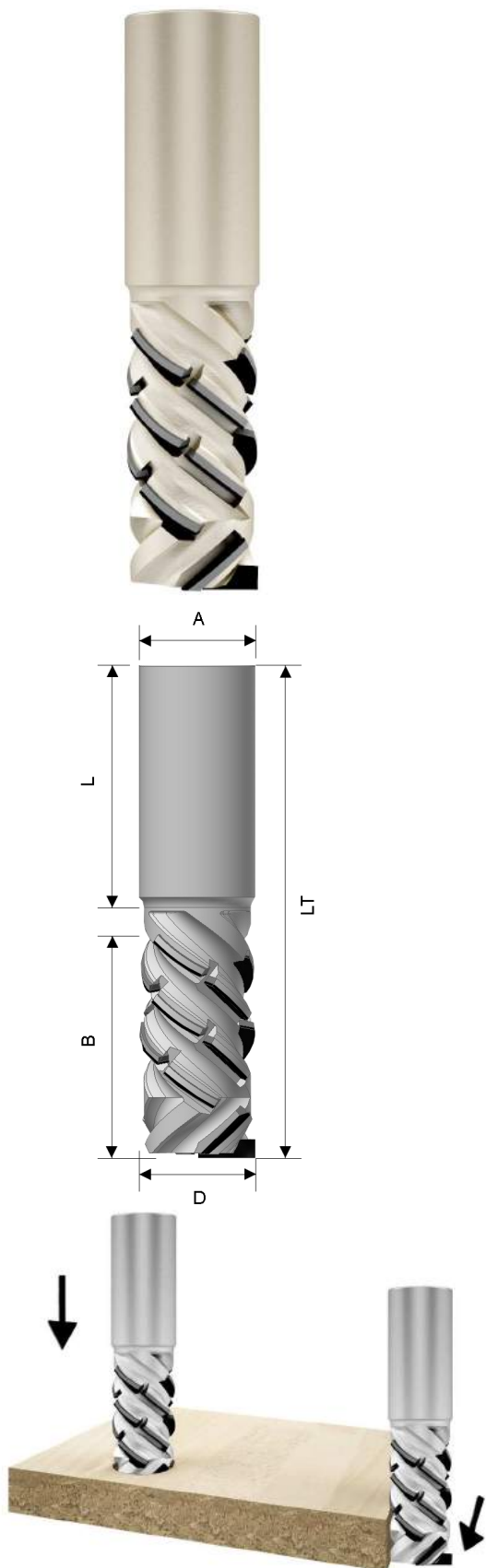
*Axial cutting edge extreme for excellent finish panel :
Longer tool life, noise abatement, less cutting effort, cutter used on any type of panel, wood and derivatives;
Excellent finishing cut on materials with: melamine, paper very thin, laminate material subject to chipping, film coating, solid wood long-fiber.*

PDT055

Punta elicoidale al diamante Z2 H4
Per pantografo - Assialità 54°

B

CNC Helical routerbit Z2 pcd H4 - axial 54°



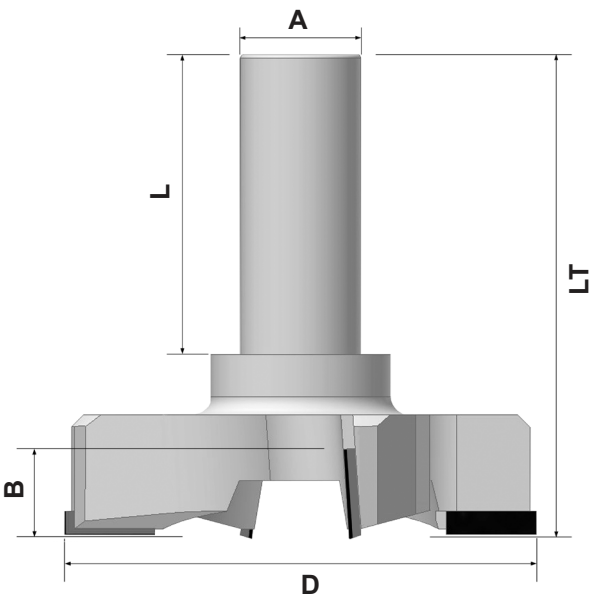
CODE		D mm	B mm	LT mm	A mm	L mm	Z=2 n° placch.
RIGHT Rot.	LEFT Rot.						
PDT055.001R	PDT055.001L	20	15	80	20	50	6 + 1 PCD
PDT055.002R	PDT055.002L	20	15	80	25	50	6 + 1 PCD
PDT055.003R	PDT055.003L	20	20	85	20	50	8 + 1 PCD
PDT055.004R	PDT055.004L	20	20	85	25	50	8 + 1 PCD
PDT055.005R	PDT055.005L	20	25	90	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.*



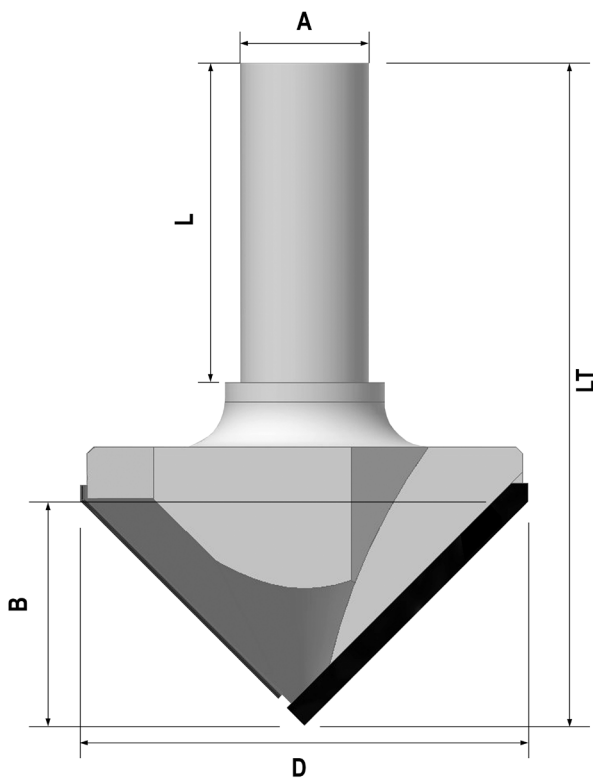
CODE	D mm	B mm	LT mm	A mm	L mm	Z
PDT060.001	40	15	75	20	50	2 + 2
PDT060.002	60	15	75	20	50	2 + 2
PDT060.003	80	15	75	20	50	2 + 2



Routerbit for folding

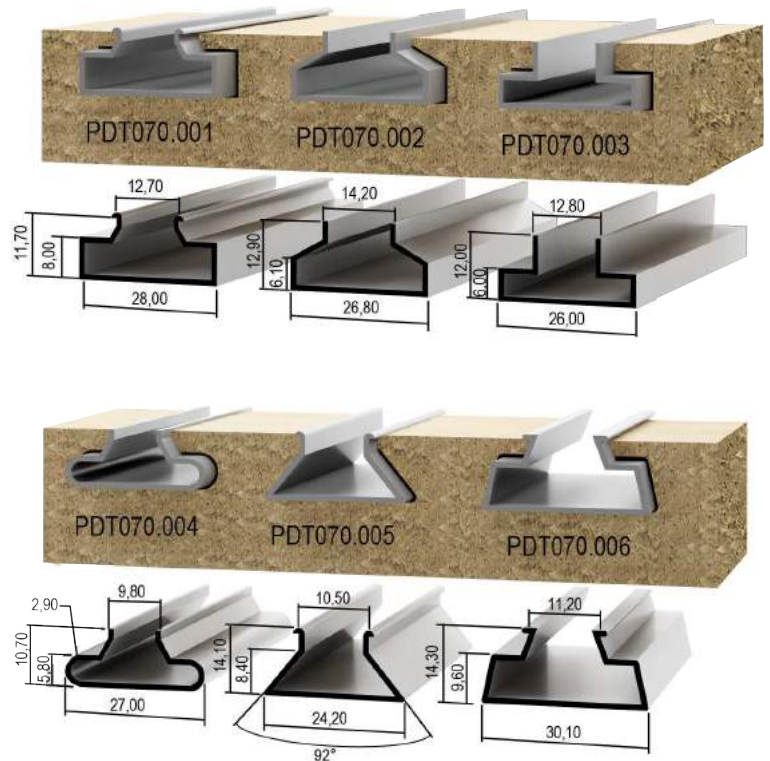
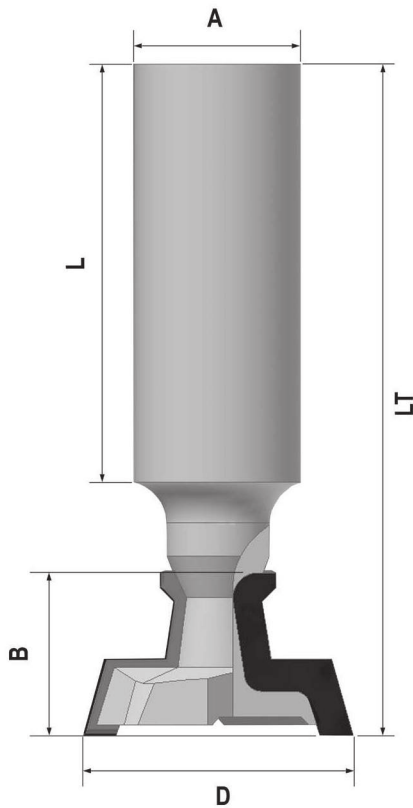


CODE	D mm	B mm	LT mm	A mm	L mm	Z
PDT065.001	48	24	90	20	50	1 + 1
PDT065.002	65	32,5	95	20	50	1 + 1

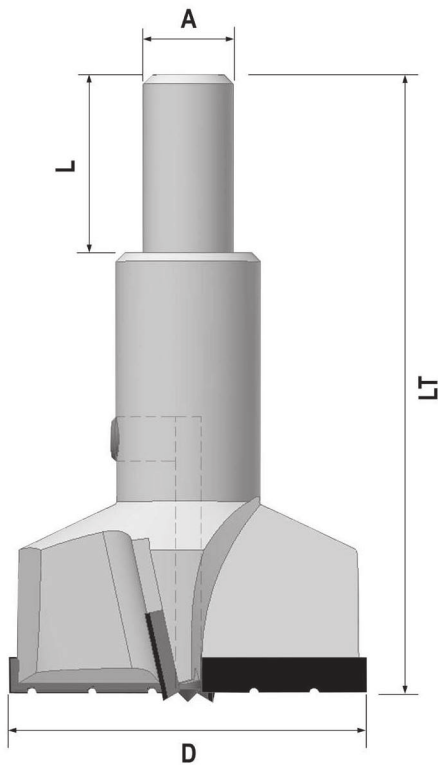




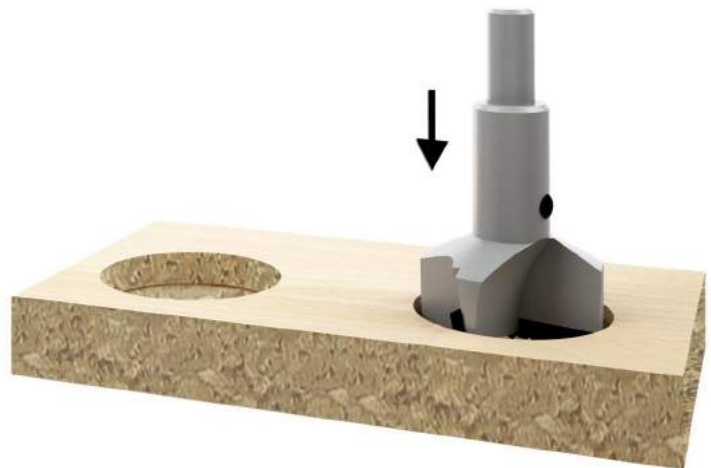
CODE	D mm	B mm	LT mm	A mm	L mm	Z
PDT070.001	27,9	15,2	75	20	50	2
PDT070.002	27,3	16	75	20	50	2
PDT070.003	29	15,2	75	20	50	2
PDT070.004	28	13,7	75	20	50	2
PDT070.005	25,9	17	75	20	50	2
PDT070.006	32,7	16,8	75	20	50	2



Cylinder boring bit

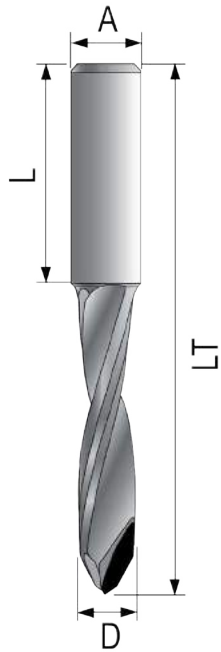


CODE		D mm	LT mm	A mm	L mm	Z
RIGHT RoT.	LEFT RoT.					
PDT075.001R	PDT075.001L	14	57,5	10	20	2 + 2
PDT075.002R	PDT075.002L	15	57,5	10	20	2 + 2
PDT075.003R	PDT075.003L	16	57,5	10	20	2 + 2
PDT075.004R	PDT075.004L	18	57,5	10	20	2 + 2
PDT075.005R	PDT075.005L	20	57,5	10	20	2 + 2
PDT075.006R	PDT075.006L	22	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

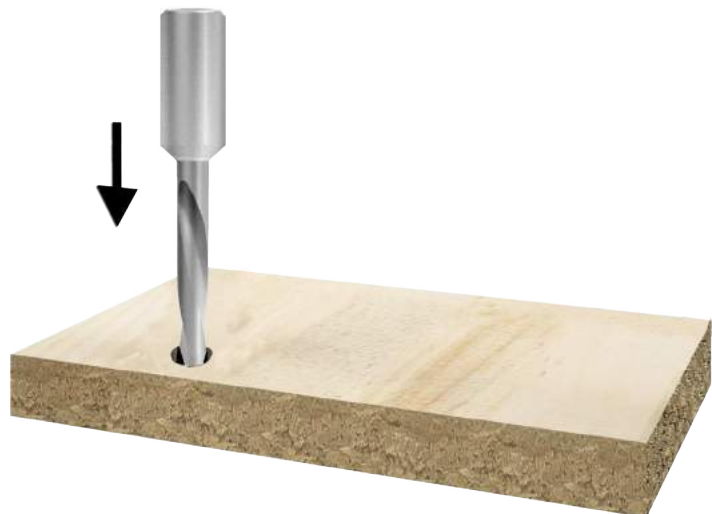
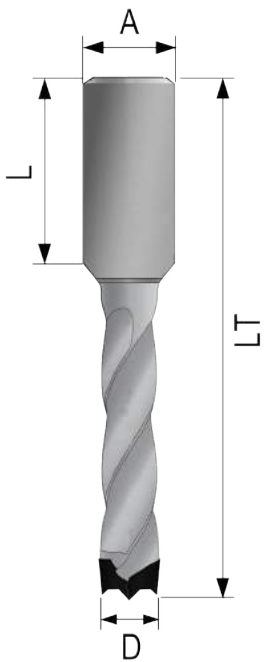
CODE		D mm	LT mm	A mm	L mm	Z
RIGHT RoT.	LEFT RoT.					
PDT080.001R	PDT080.001L	5	57.5	10	20	2
PDT080.002R	PDT080.002L	6	57.5	10	20	2
PDT080.003R	PDT080.003L	7	57.5	10	20	2
PDT080.004R	PDT080.004L	8	57.5	10	20	2
PDT080.005R	PDT080.005L	9	57.5	10	20	2
PDT080.006R	PDT080.006L	10	57.5	10	20	2
PDT080.007R	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



Dead bore drill

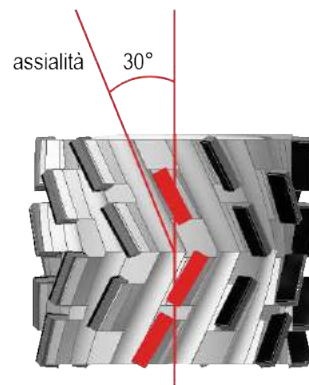
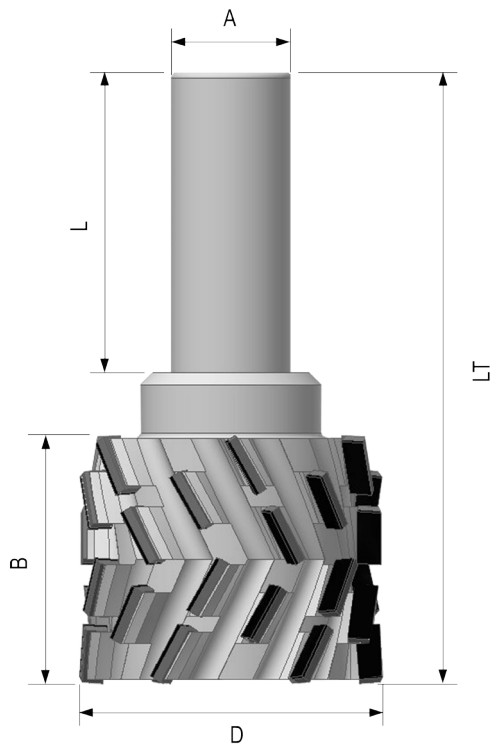


CODE		D mm	LT mm	A mm	L mm	Z
RIGHT RoT.	LEFT RoT.					
PDT085.001R	PDT085.001L	5	57.5	10	20	2
PDT085.002R	PDT085.002L	6	57.5	10	20	2
PDT085.003R	PDT085.003L	7	57.5	10	20	2
PDT085.004R	PDT085.004L	8	57.5	10	20	2
PDT085.005R	PDT085.005L	9	57.5	10	20	2
PDT085.006R	PDT085.006L	10	57.5	10	20	2
PDT085.007R	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

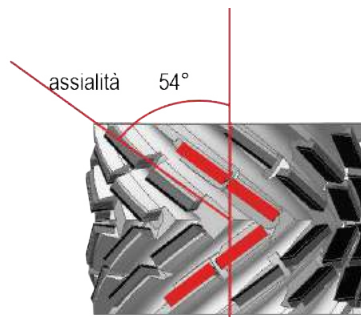
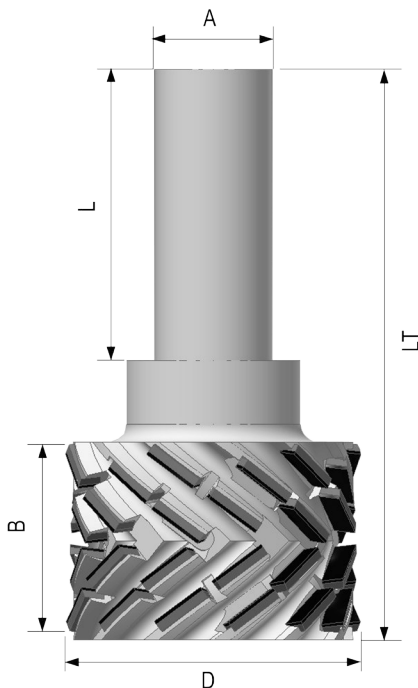
Ottima finitura senza scheggiature sul pannello con le nuove frese ad assialità 54°.

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
PROFILED ROUTERBIT

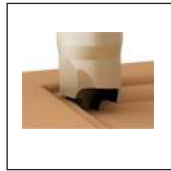
SEZIONE C
SECTION C

SEZIONE C
SECTION C





Punta sagomate speciale con profilo a richiesta **SDT010**
Profiled routerbit as sample pag.37



Set di n°5 punte pantografo per la realizzazione di porte e antine in MDF **SDT015**
Set of CNC routerbit for MDF door and cabinet pag.39



Set di n°4 punte pantografo per la realizzazione di porte e antine in MDF **SDT020**
Set of CNC routerbit for MDF door and cabinet pag.41



Set di n°3 punte pantografo per la realizzazione di porte e antine in MDF **SDT025**
Set of CNC routerbit for MDF door and cabinet pag.43



Frese sagomate speciale con profilo a richiesta **SDT030**
Profiled routerbit as sample pag.45



Frese sagomate per macchina bordatrice **SDT035**
Routerbit for edge banding machine pag.47



Frese sagomate per macchina bordatrice **SDT040**
Routerbit for edge banding machine pag.48



Frese per bordatrice piane con attacco HSK25R **SDT045**
Straight edgebanding cutters with HSK25R pag.49



Frese per bordatrice inclinate 20° - 45° con attacco HSK25R e HSK32R **SDT050**
Inclined edgebanding cutters 20° - 45° with HSK25R e HSK32R pag.50



Frese per bordatrice a raggiare con attacco HSK25R e HSK32R **SDT055**
Radius edgebanding cutters with HSK25R e HSK32R pag.51



Frese per bordatrice multiraggio con attacco HSK25R **SDT060**
Multi radius edgebanding cutters with HSK25R pag.52

SDT010

Punte sagomata speciale con profilo a richiesta

Profiled routerbit as sample

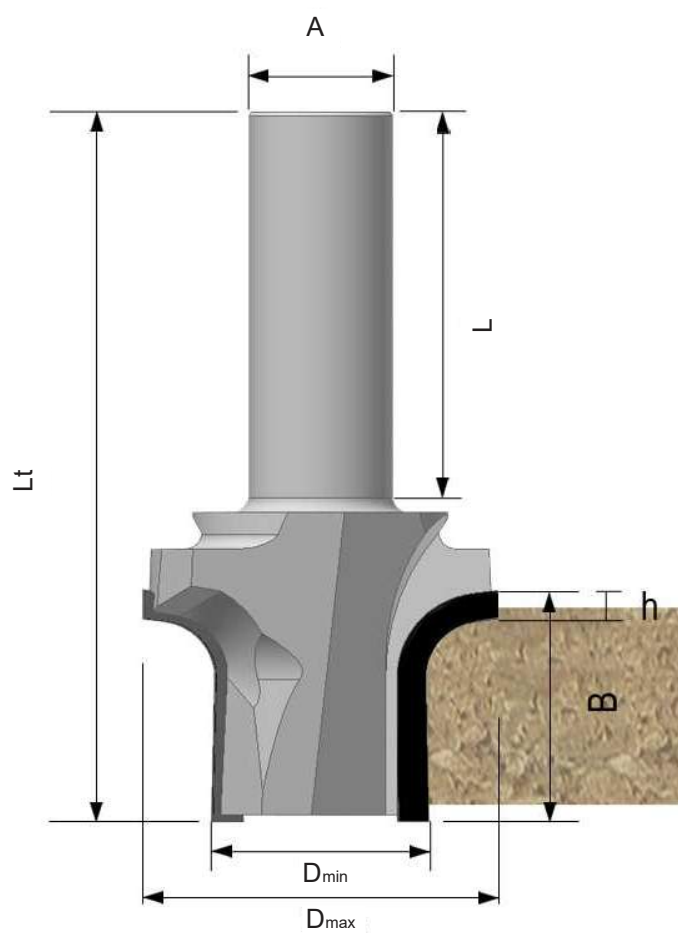
C



Realizziamo punte speciali con profili a campione secondo le specifiche del cliente.
Prezzi a preventivo.

Profiled routerbit as sample. Offer on request.





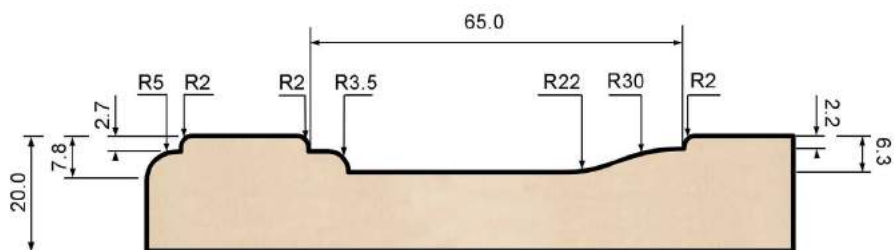
- A: diametro attacco
- L: lunghezza attacco
- Lt: lunghezza totale
- D_{max}: diametro massimo
- D_{min}: diametro minimo
- B: spessore di taglio
- h: altezza diamante

SDT015

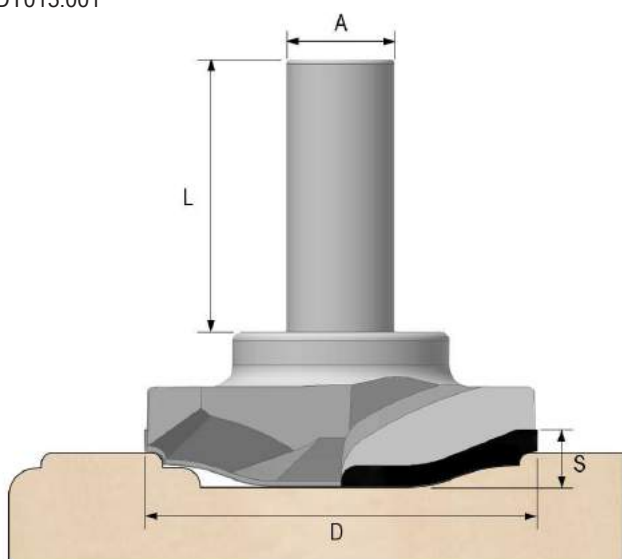
Set di n° 5 punte pantografo per la realizzazione di porte e antine in MDF

Set of CNC router bit for MDF door and cabinet

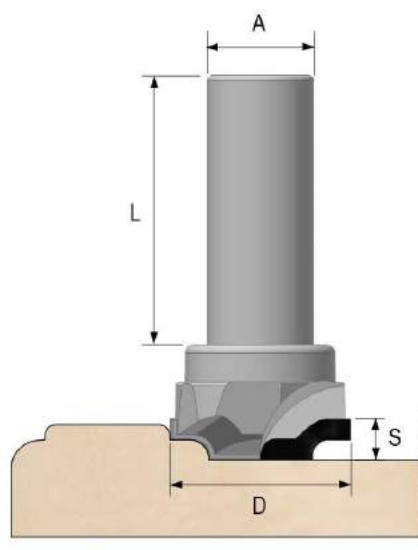
C



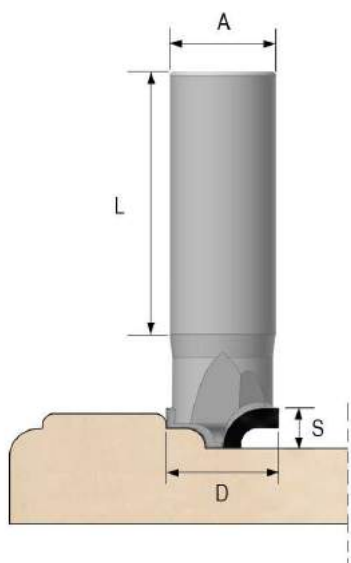
SDT015.001



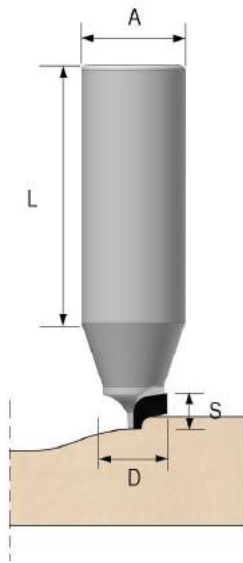
SDT015.002



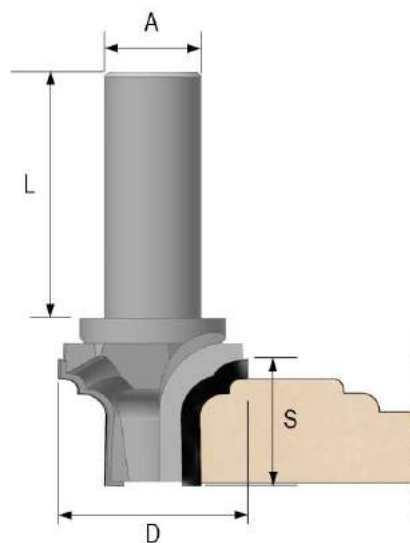
SDT015.003



SDT015.004



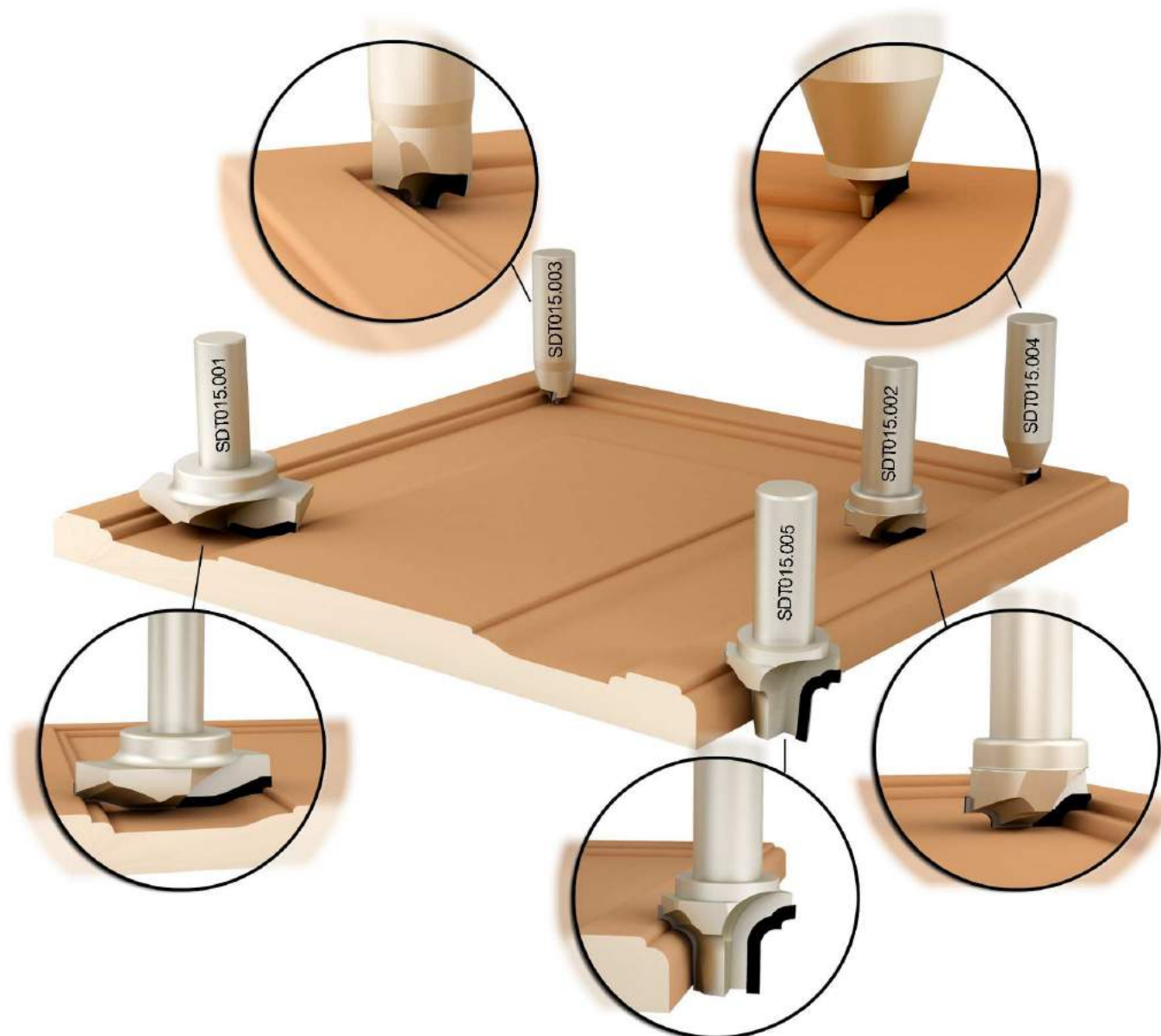
SDT015.005



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



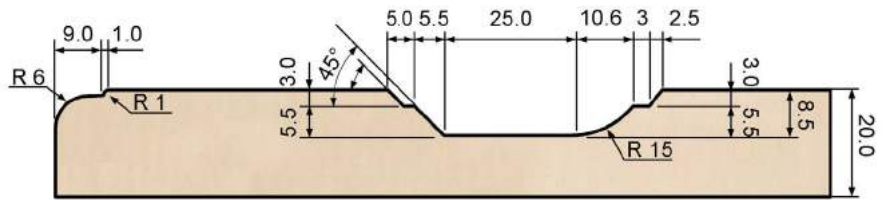
CODE	D mm	S mm	A mm	L mm	Z
SDT015.001	72,5	11	20	50	2
SDT015.002	32,5	8,8	20	50	2
SDT015.003	20	8,8	20	50	2
SDT015.004	13	7	20	50	1
SDT015.005	40	26,5	20	50	2

SDT020

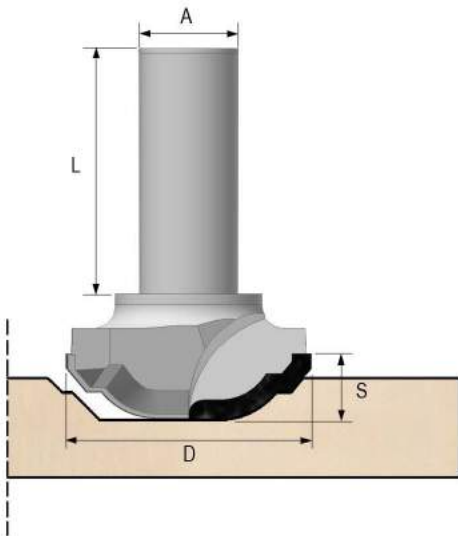
Set di n° 4 punte pantografo per la realizzazione di porte e antine in MDF

Set of CNC router bit for MDF door and cabinet

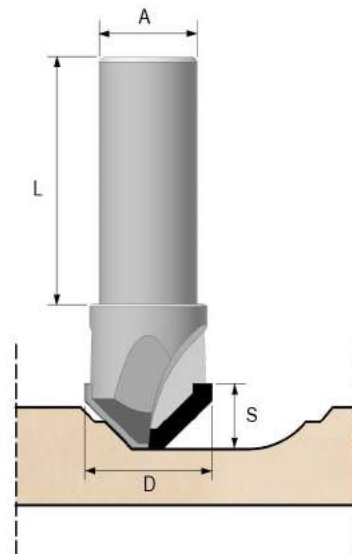
C



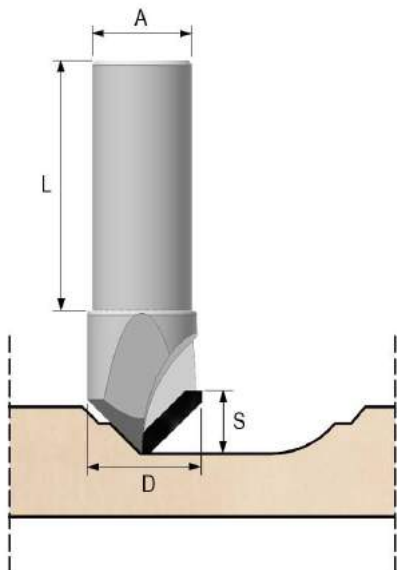
SDT020.001



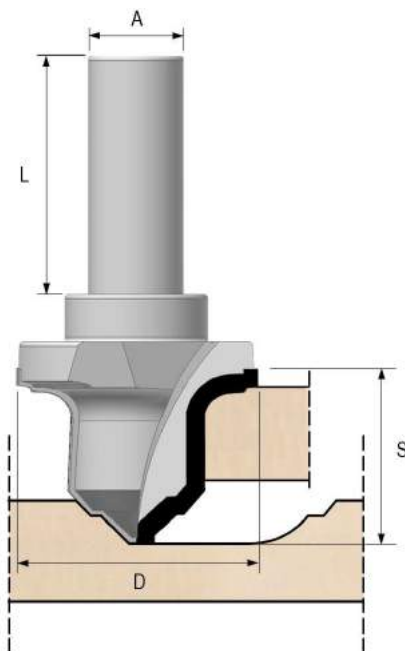
SDT020.002



SDT020.003



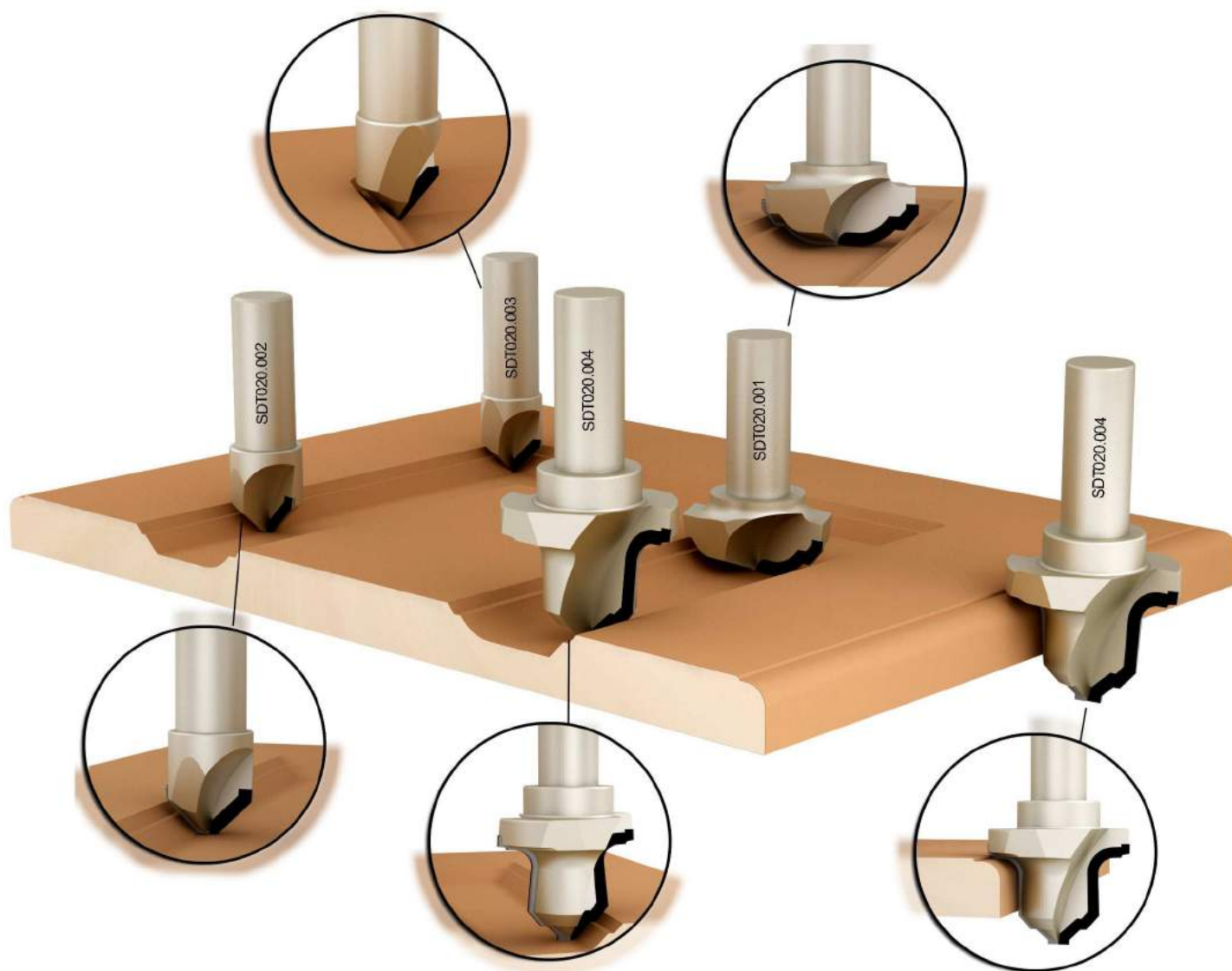
SDT020.004



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



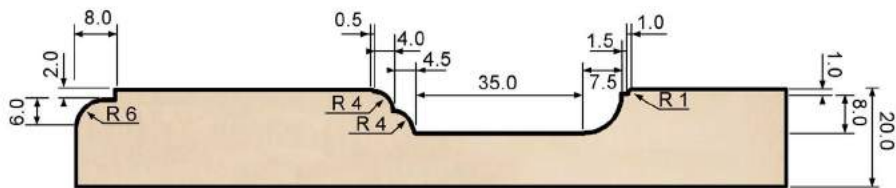
CODE	D mm	S mm	A mm	L mm	Z
SDT020.001	50	13.5	20	50	2
SDT020.002	24	13.5	20	50	2
SDT020.003	24	13.5	20	50	1
SDT020.004	53	37	20	50	2

SDT025

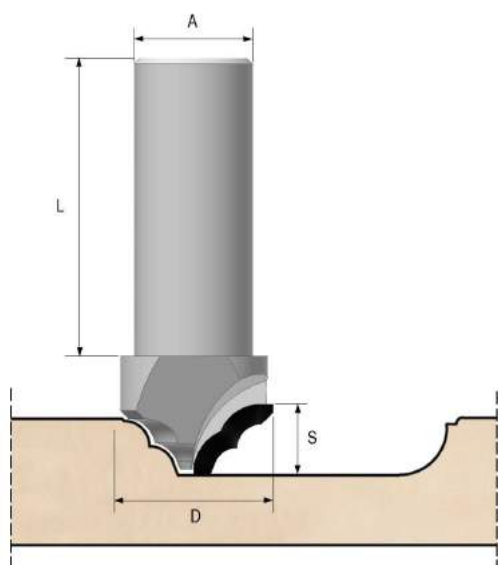
Set di n° 3 punte pantografo per la realizzazione di porte e antine in MDF

Set of CNC router bit for MDF door and cabinet

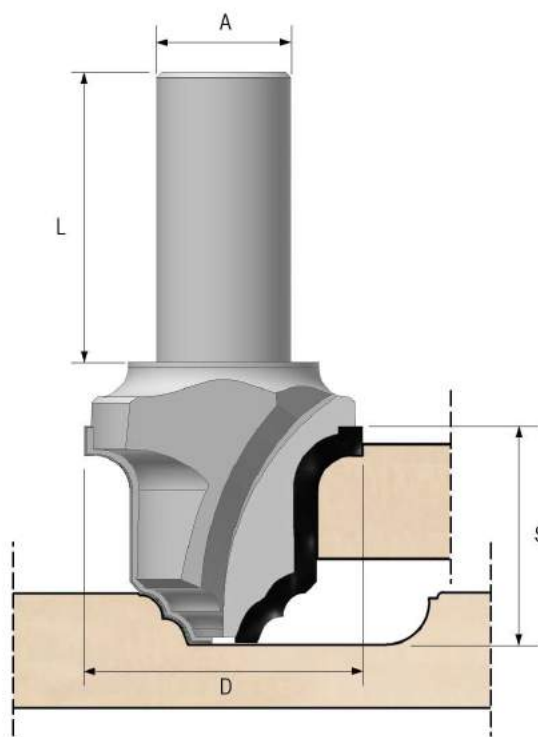
C



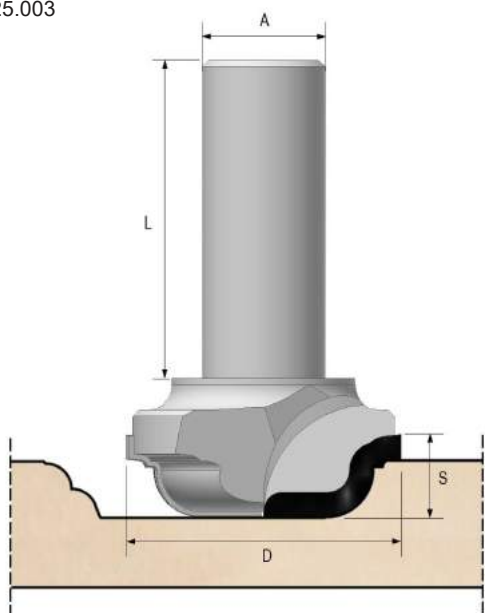
SDT025.001



SDT025.002



SDT025.003

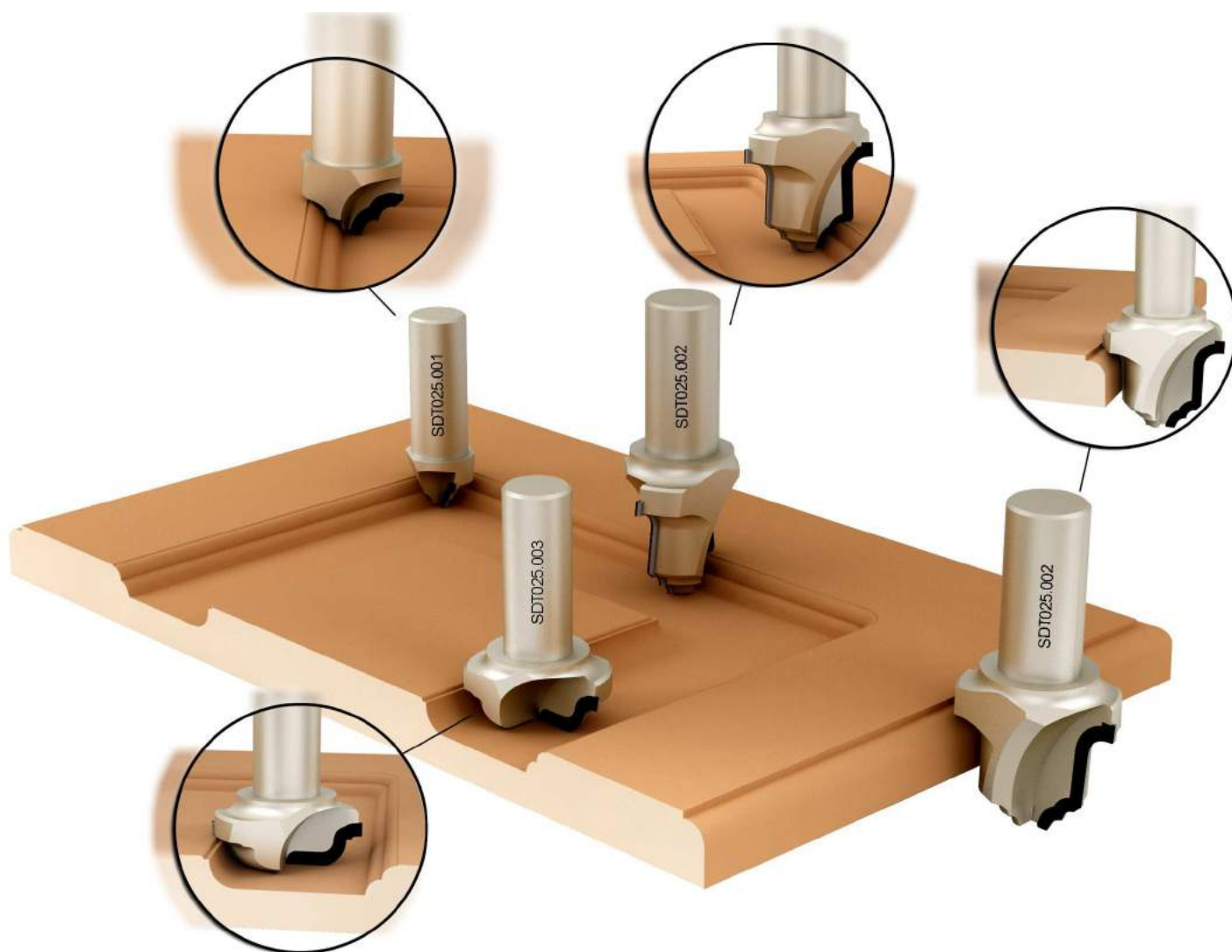


SDT025

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

C



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

SDT030

Fresa sagomata speciale con profilo a richiesta

C

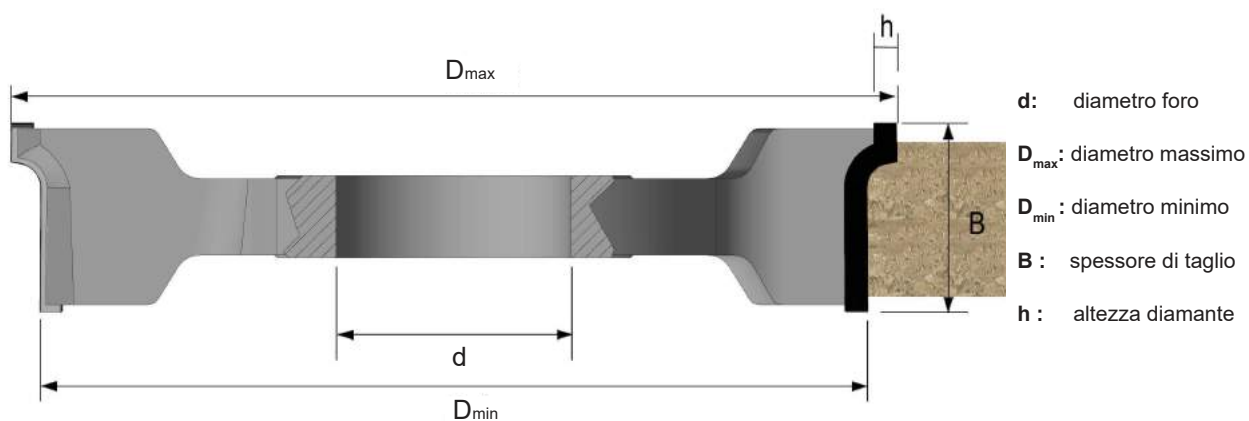
Profiled routerbit as sample



Realizziamo frese speciali con profili a campione secondo le specifiche del cliente.
Prezzi a preventivo.

Profiled routerbit as sample. Offer on request.





SDT035

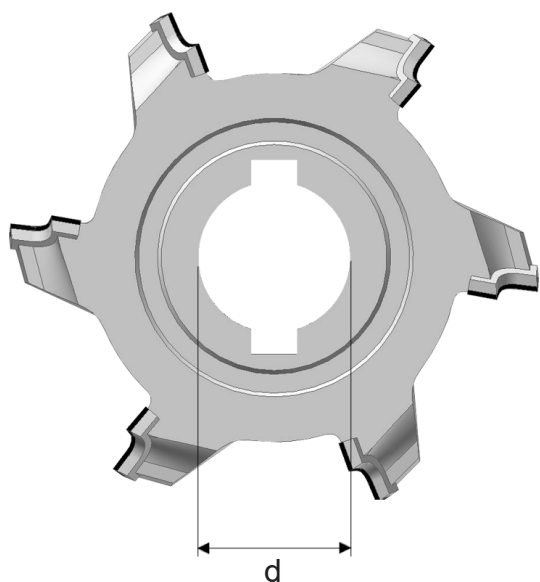
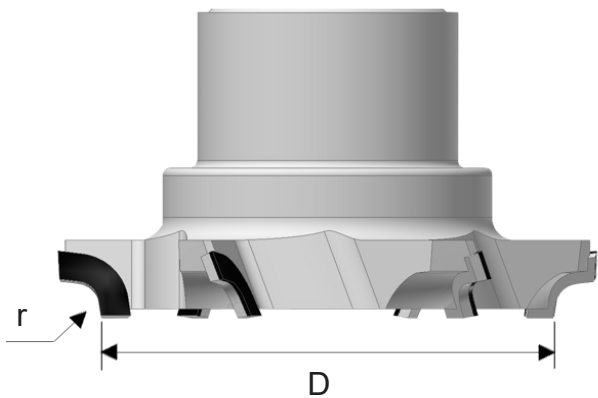
Frese sagomate per macchina bordatrice

Routerbit for edge banding machine

C



CODE		D mm	d mm	r	Z
RIGHT Rot.	LEFT Rot.				
SDT035.001R	SDT035.001L	20 + 2 CH	60	3	6
SDT035.002R	SDT035.002L	20 + 2 CH	60	2 <td>6</td>	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

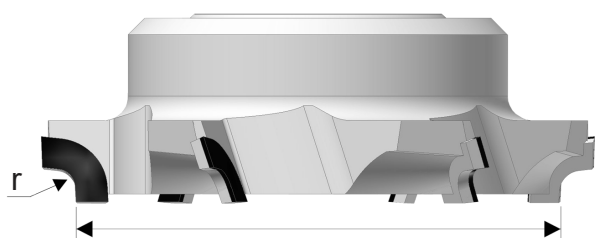
Frese sagomate per macchina bordatrice

Routerbit for edge banding machine

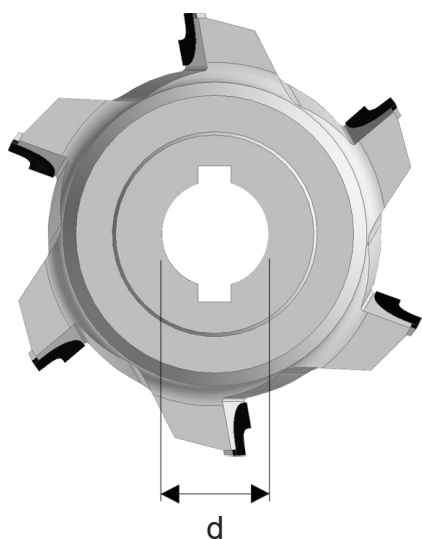
C



CODE		D mm	d mm	r	Z
RIGHT Rot.	LEFT Rot.				
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



D



d



SDT045

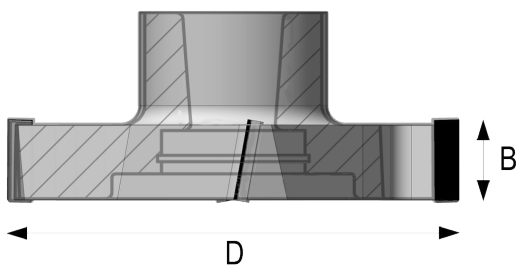
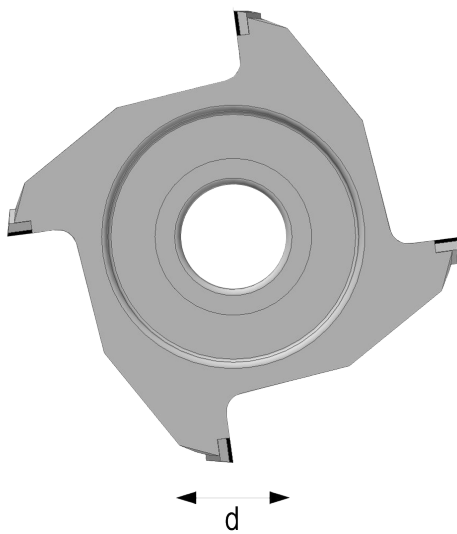
Frese per bordatrice piane con attacco HSK25R

Straight edgebanding cutters with HSK25R

C



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

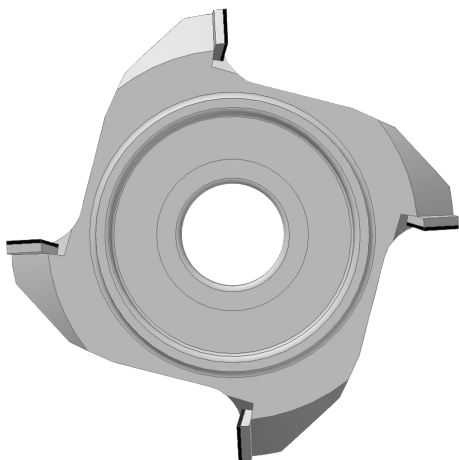
Inclined edgebanding cutters 20°- 45° with HSK25R e HSK32R

C

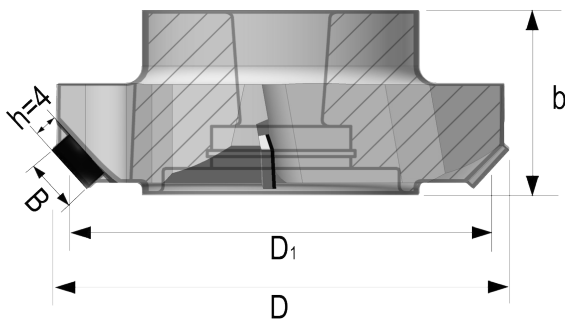


CODE		D	D ₁	B	b	d	Z	PROFILO
RIGHT Rot.	LEFT Rot.	mm	mm	mm	mm	mm		
SDT050.001R	SDT050.001L	73	70	6	23	HSK25R	4	20°

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

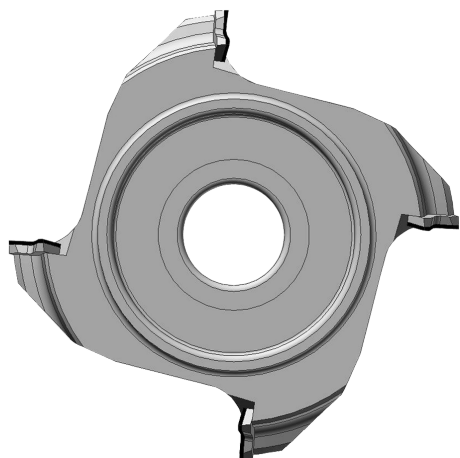


SDT055

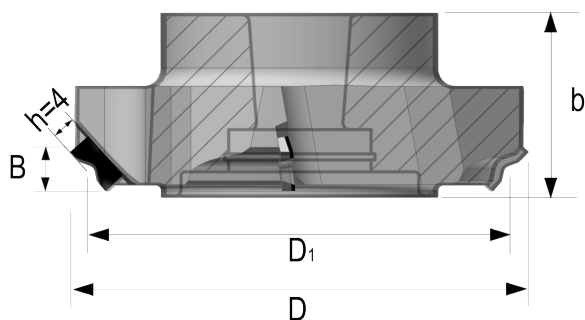
Frese per bordatrice a raggiare con attacco HSK25R e HSK32R

C

Radius edgebanding cutters with HSK25R e HSK32R



d



CODE		D mm	D ₁ mm	B mm	b mm	d mm	Z	PROFILO
RIGHT Rot.	LEFT Rot.							
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 mm	D ₁ mm	B mm	b mm	d mm	Z	PROFILO
RIGHT Rot.	LEFT Rot.							
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



SDT060

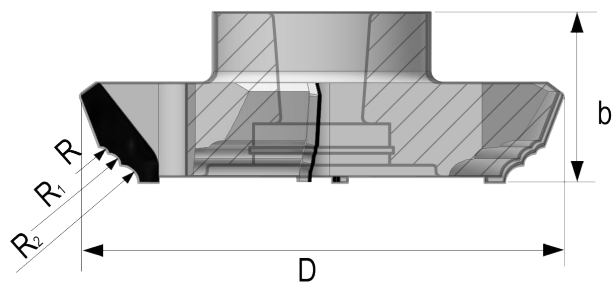
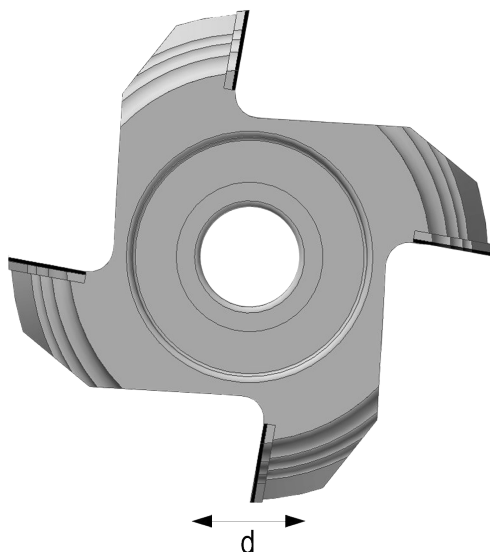
Frese per bordatrice multiraggio con attacco HSK25R



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

SEZIONE D
SECTION D





Incisore conico in diamante **LDT010**
Diamond conical scoring blade pag.55



Incisore regolabile in diamante **LDT015**
Diamond adjustable scoring blade pag.56



Lama circolare **LDT020**
Circular sawblade pag.57



Lama circolare per sezionatrice H4 **LDT025**
Circular sawblade H4 for sizing machine pag.58



Lama circolare per sezionatrice H6 **LDT030**
Circular sawblade H6 for sizing machine pag.59



Lama circolare per sezionatrice H 6 per pannelli bilaminati **LDT035**
Circular sawblade H6 for sizing bilaminated panels pag.60



Frese regolabili con spigolatori a profondità variabile H6 **LDT040**
Adjustable milling cutters H6 with adjustable bevels pag.63



Frese regolabili con anelli H6 **LDT045**
Adjustable milling cutters H6 with distance ring pag.64



Frese per incastri H6 **LDT050**
Milling cutters H6 for joint pag.65



Lame incisore per squadratrice **LDT055**
Scoring sawblades for hogging machining pag.66



Lame per truciolatori **LDT060**
Sawblades for hogging - unit pag.67



Lame per truciolatori TDT010 **LDT065**
Sawblades for hogging - unit TDT010 pag.68

LDT010

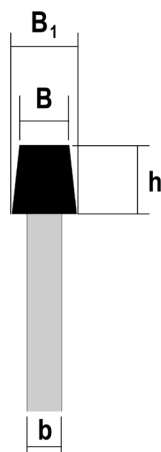
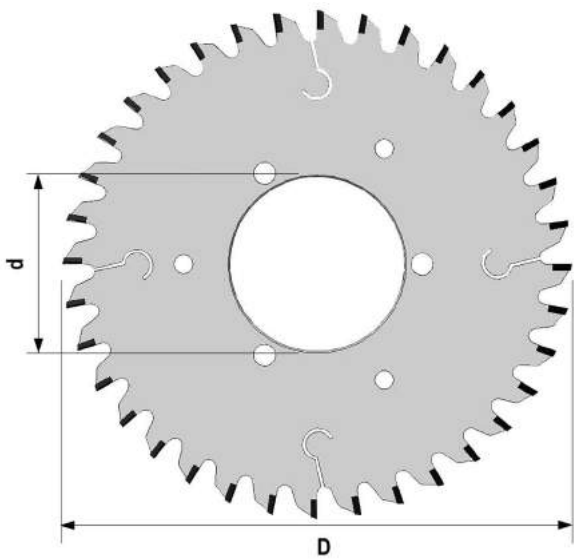
Incisore conico in diamante

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

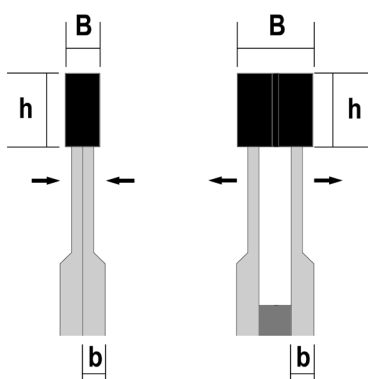
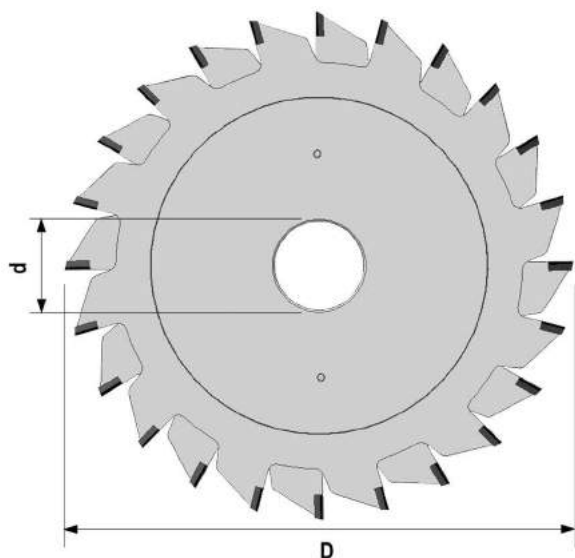
Incisore regolabile in diamante

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

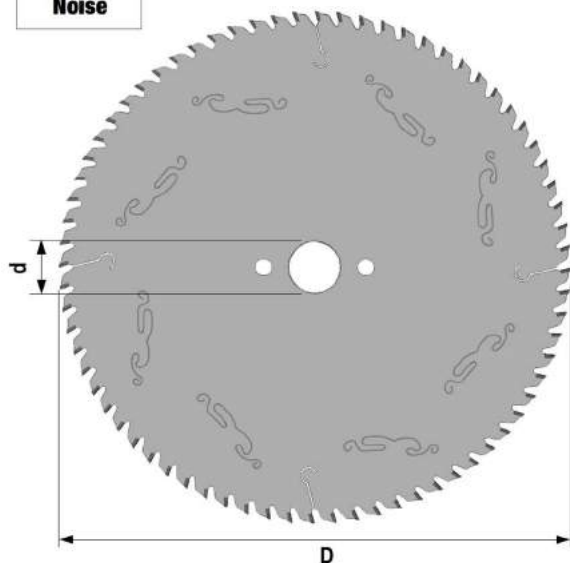


LDT020

Lama circolare

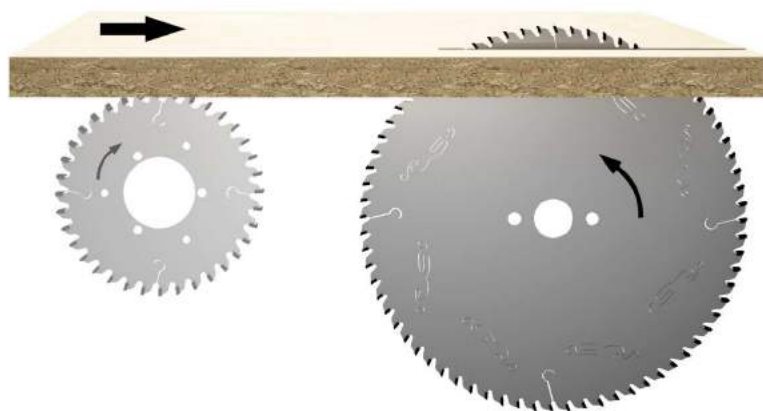
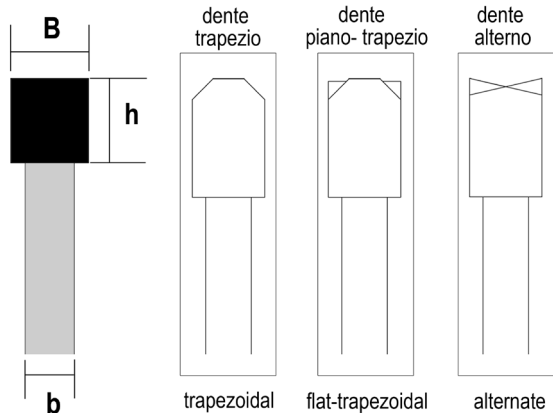
Circular sawblade

D



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

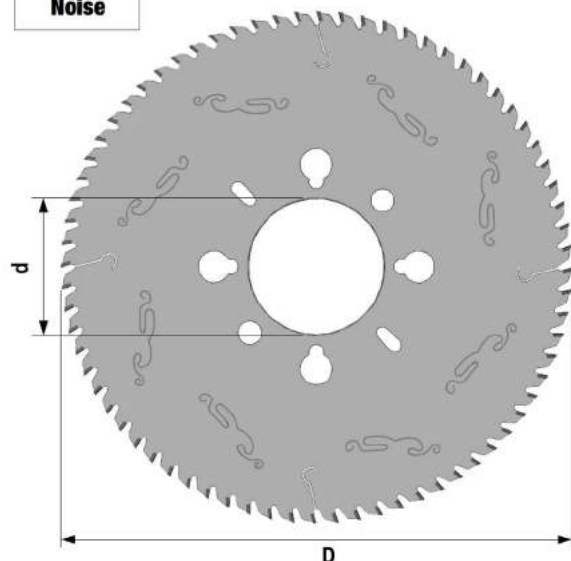


LDT025

Lama circolare per sezionatrice H 4

Circular sawblade H 4 for sizing machine

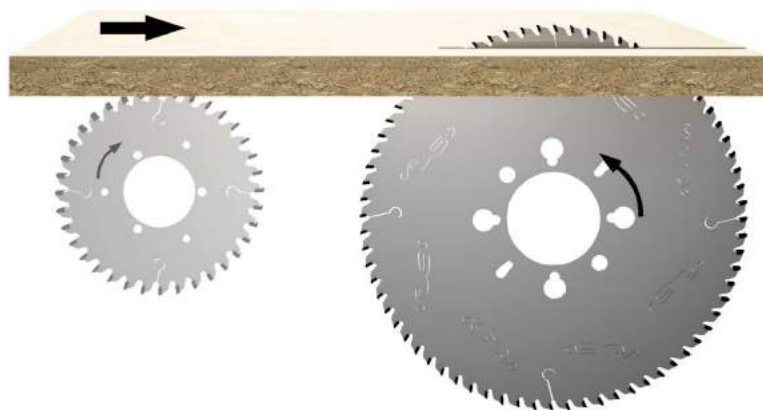
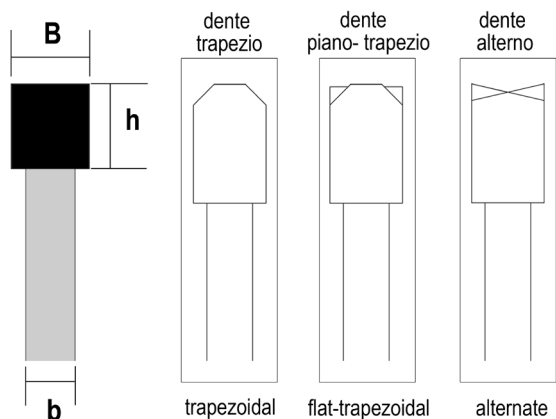
D



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

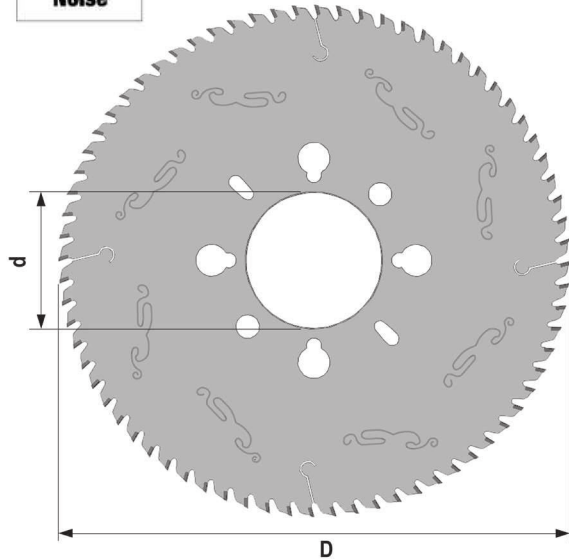


LDT030

Lama circolare per sezionatrice H 6

Circular sawblade H6 for sizing machine

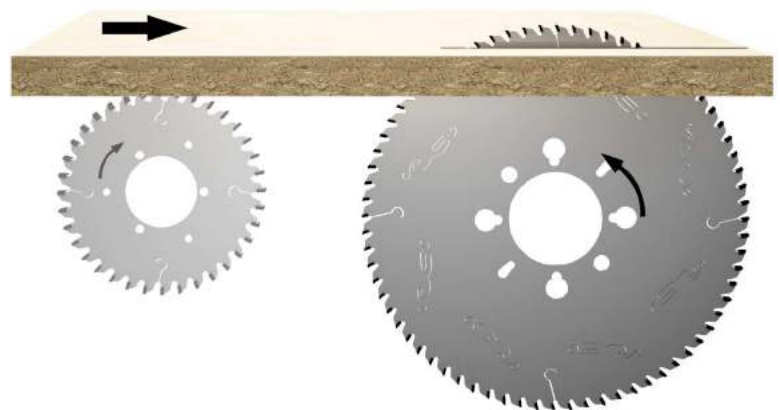
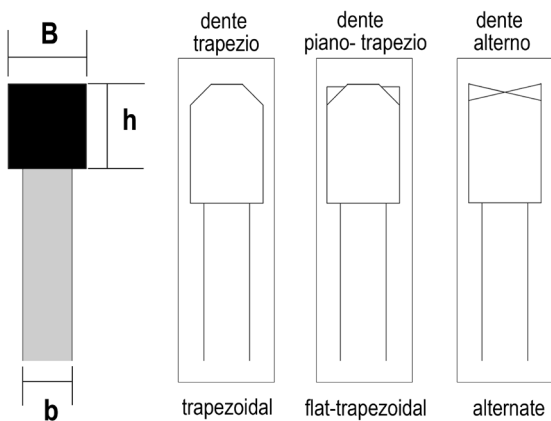
D



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

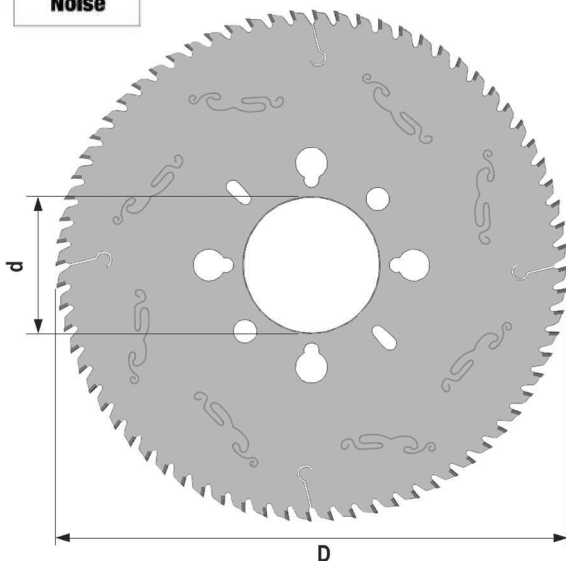
Lama circolare per sezionatrice H 6 per pannelli bilaminati

Circular sawblade H6 for sizing bilaminated panels

D

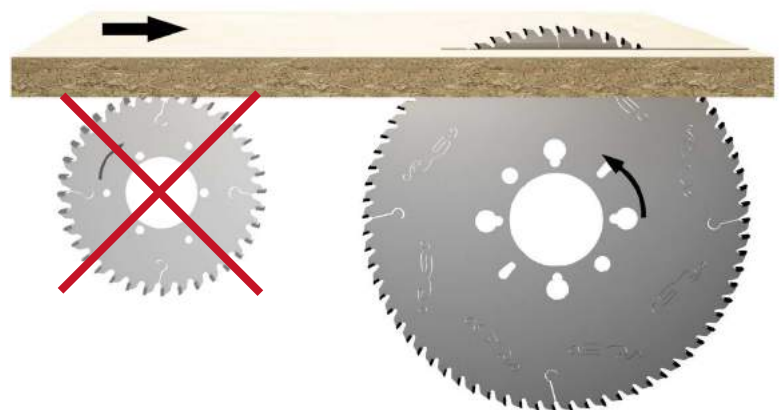
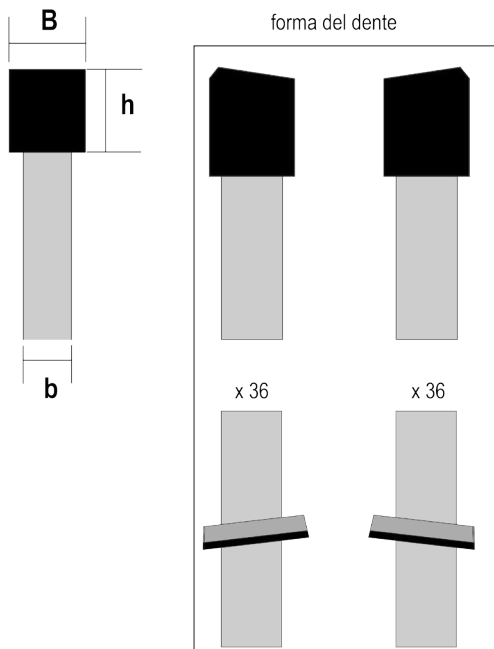


CODE	D mm	B mm	b mm	Z	DIAMANTE
					h mm
LDT035.001	300	3,2	2,2	72	6
LDT035.002	350	3,5	2,5	72	6
LDT035.003	350	4,4	3,2	72	6
LDT035.004	450	4,6	3,5	72	6



Diametro del foro (d) a richiesta

Bore's diameter (d) on request



Schema fori trascinamento per lame foro 30/60mm

Pin holes pattern for sawblade with 30/60mm bore

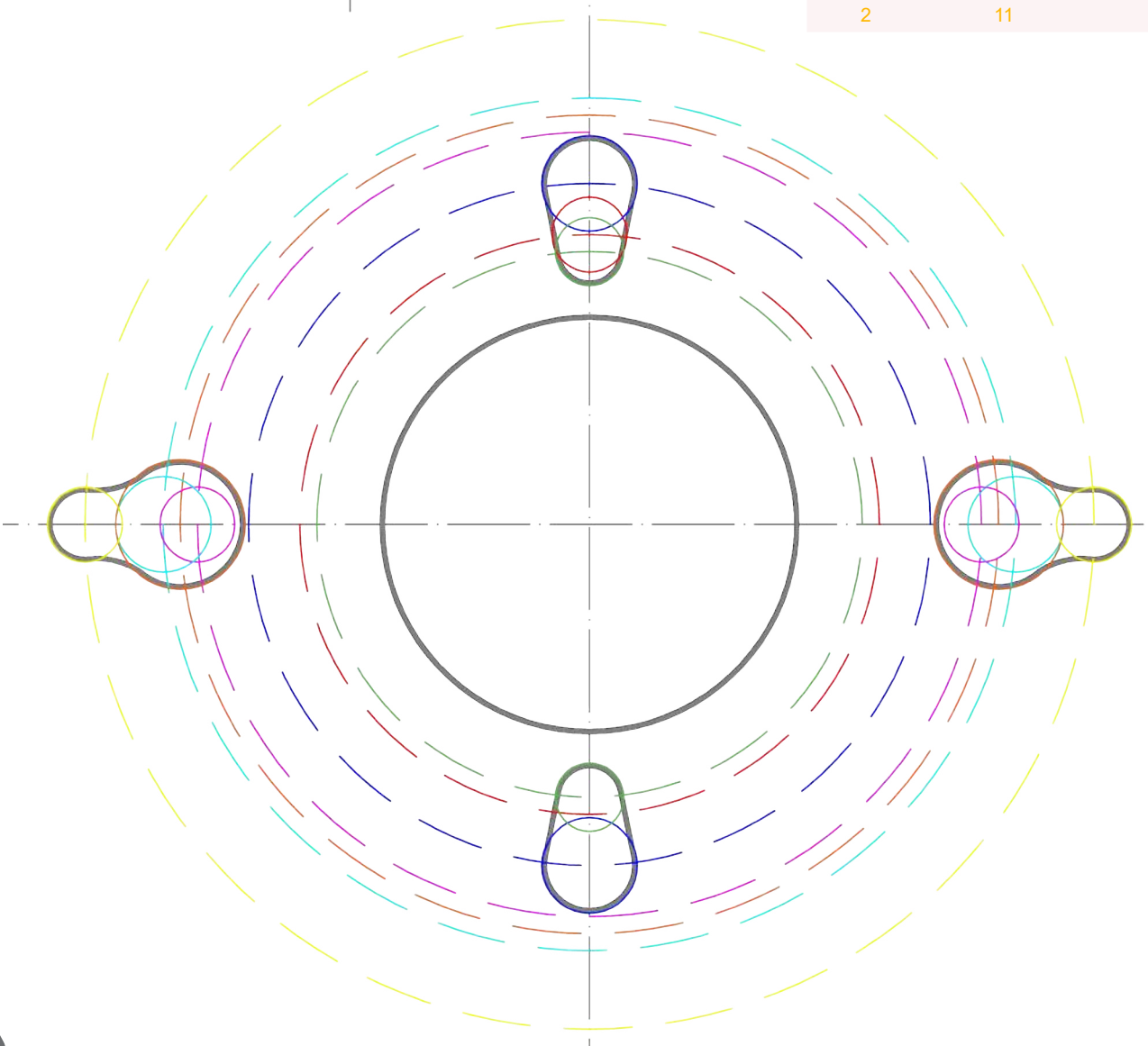
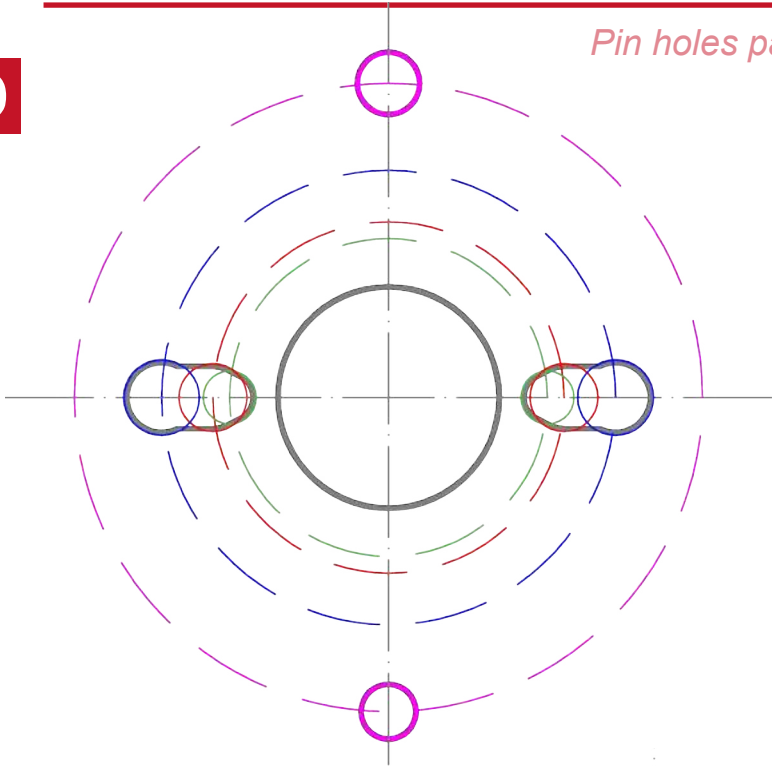
D

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

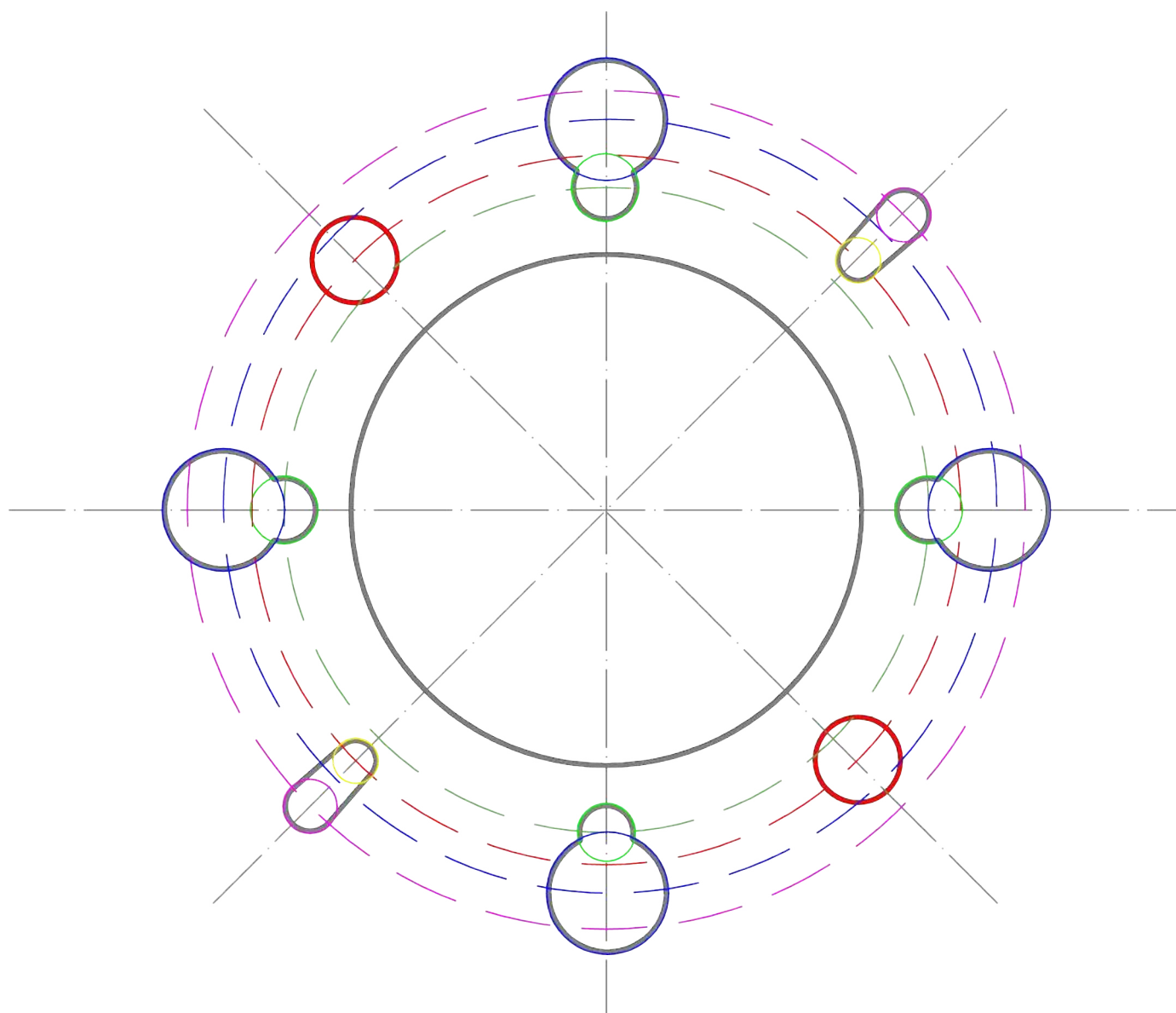


Schema fori trascinamento per lame foro 80mm

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



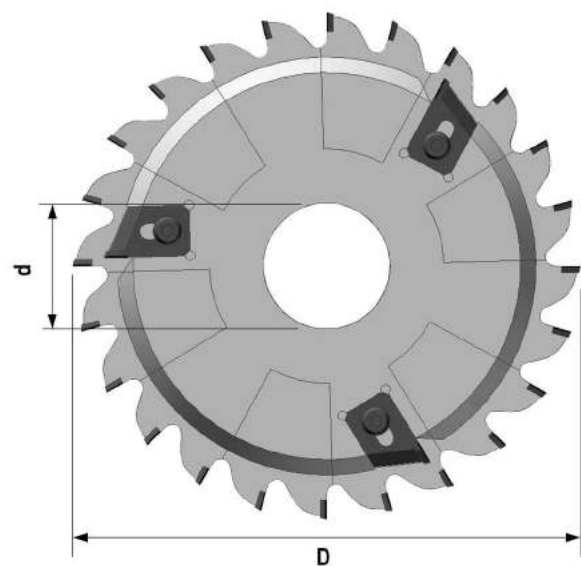
D

LDT040

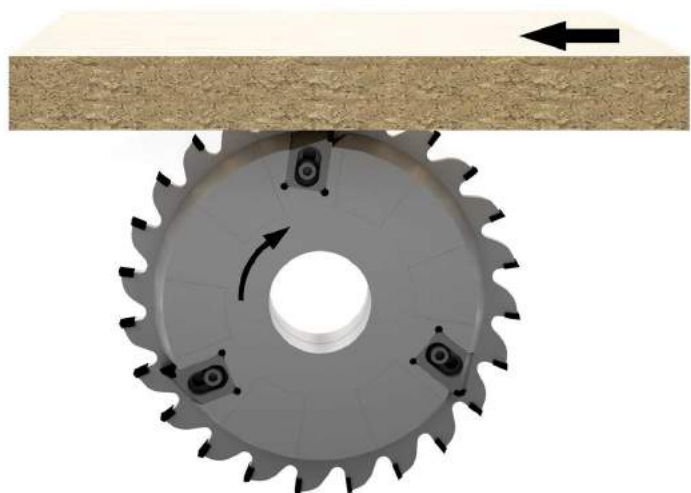
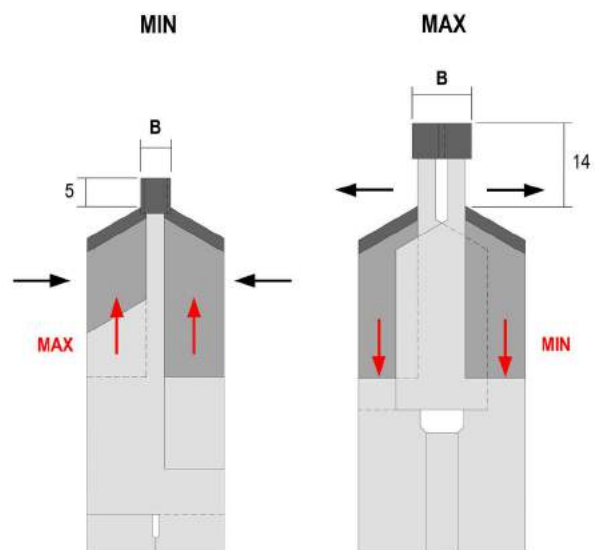
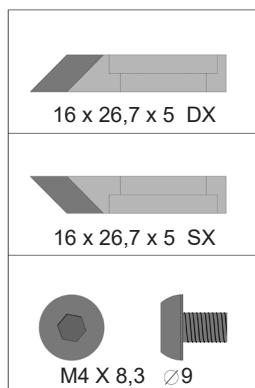
Frese regolabili con anelli con spigolatori a profondità variabile H 6

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

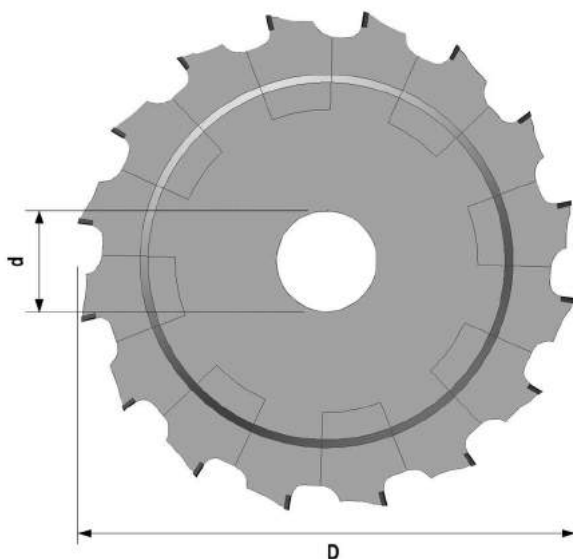


LDT045

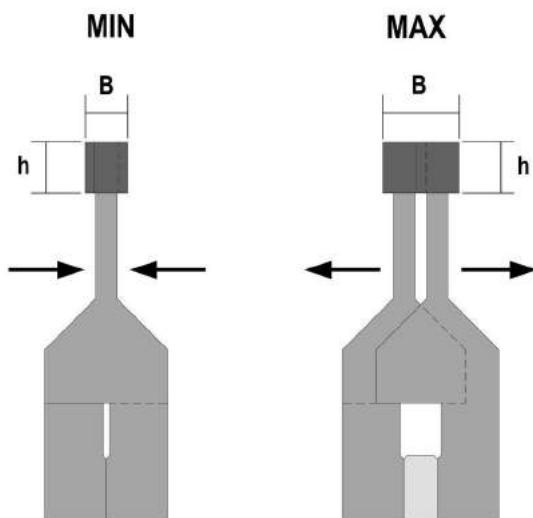
Frese regolabili con anelli H 6

Adjustable milling cutters H6 with distance ring

D



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

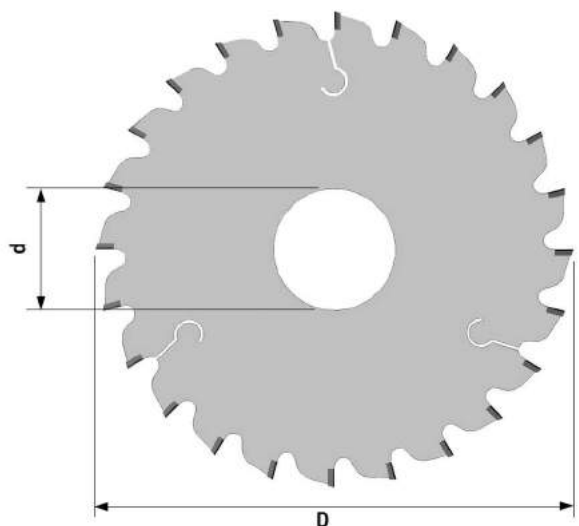


LDT050

Frese per incastri H 6

Milling cutters H6 for joint

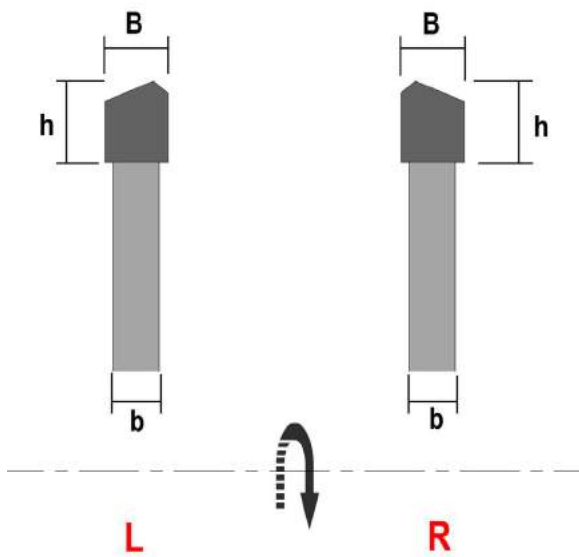
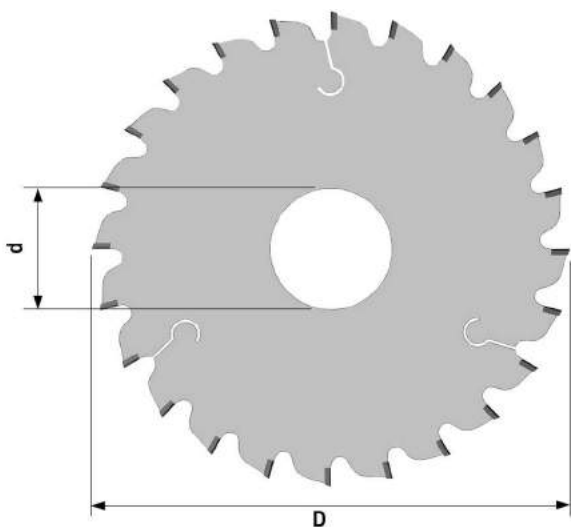
D



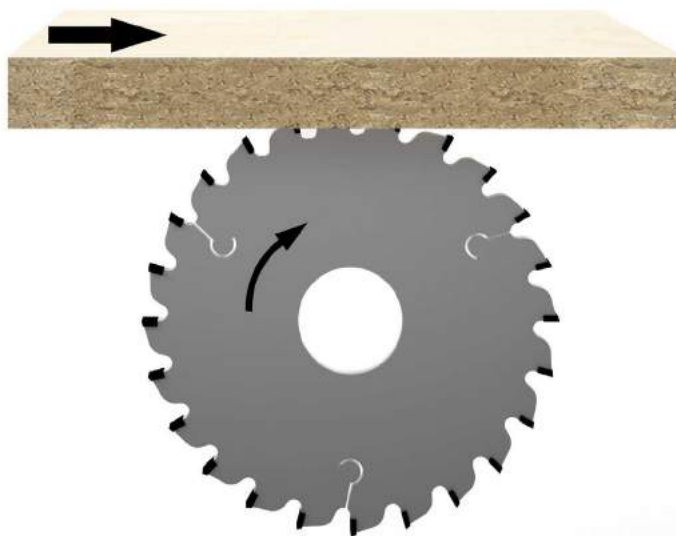
CODE	D mm	B mm	d mm	Z	PLACCHETTE	
					h mm	n°
LDT050.001	120	3	30 / 35 / 40	12	6	12
LDT050.002	120	4	30 / 35 / 40	12	6	12
LDT050.003	120	5	30 / 35 / 40	12	6	12
LDT050.004	120	6	30 / 35 / 40	12	6	12
LDT050.005	120	7	30 / 35 / 40	12	6	12
LDT050.006	160	3	30 / 35 / 40	12	6	12
LDT050.007	160	4	30 / 35 / 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

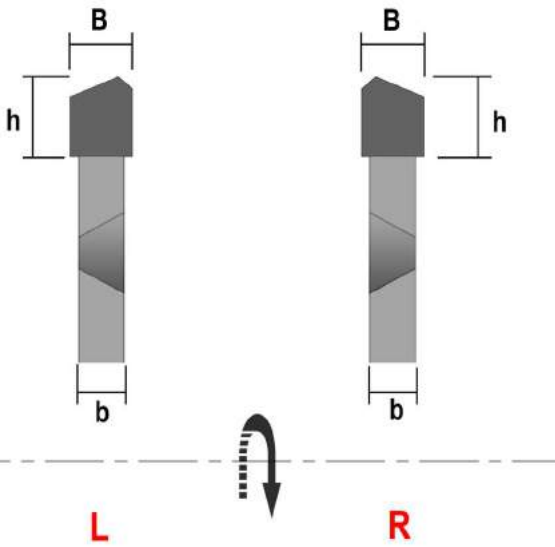
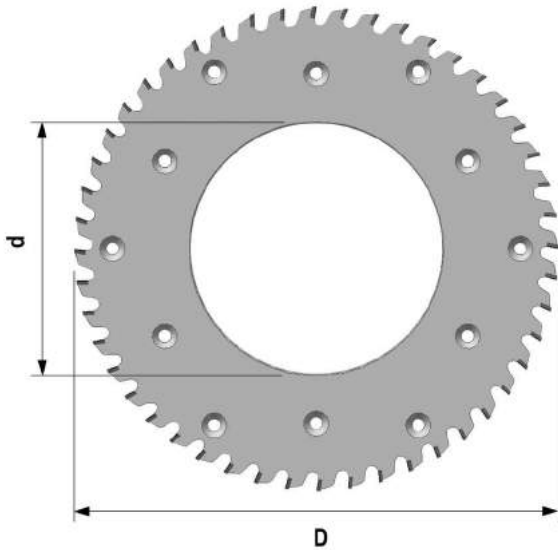


CODE		D mm	B mm	b mm	d mm	Z	DIAMANTE
RIGHT ROT.	LEFT ROT.						h mm
LDT055.001R	LDT050.001L	125	3,4	2,2	25 / 30	24	4
LDT055.002R	LDT050.002L	125	3,4	2,2	25 / 30	30	4
LDT055.003R	LDT050.003L	150	3,2	2,2	40 / 55 / 60	30	4
LDT055.004R	LDT050.004L	150	3,2	2,2	40 / 55 / 60	36	4
LDT055.005R	LDT050.005L	180	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

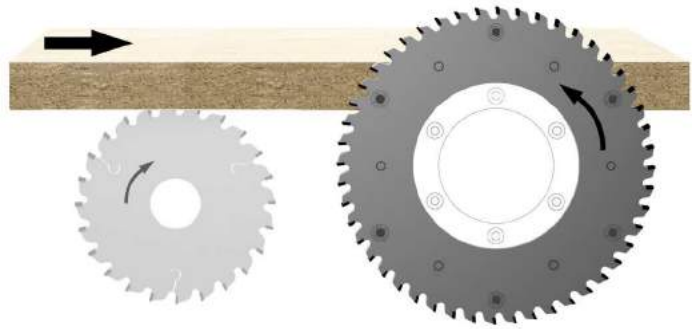


Sawblades for hogging-unit

D



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



LDT065

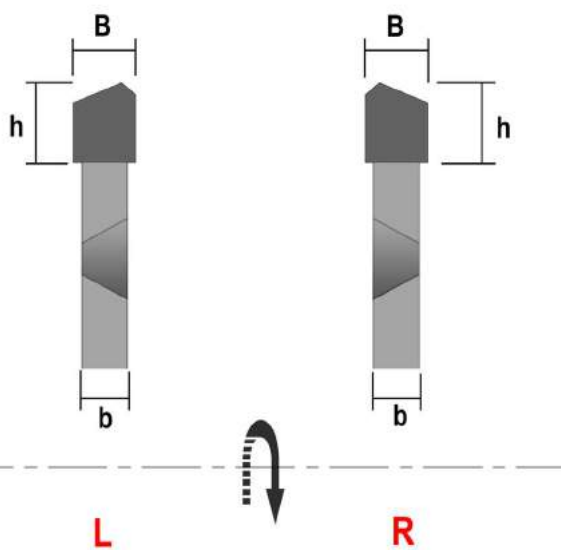
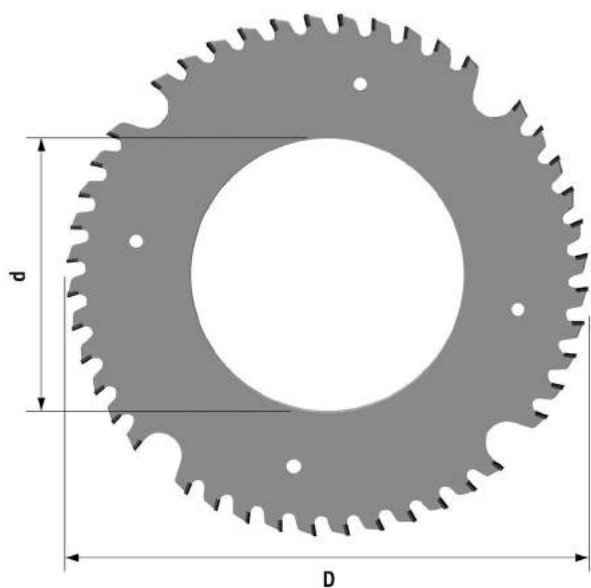
Lame per truciolatori TDT010

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



SQUADRATURA
HOGGING

SEZIONE E
SECTION E

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

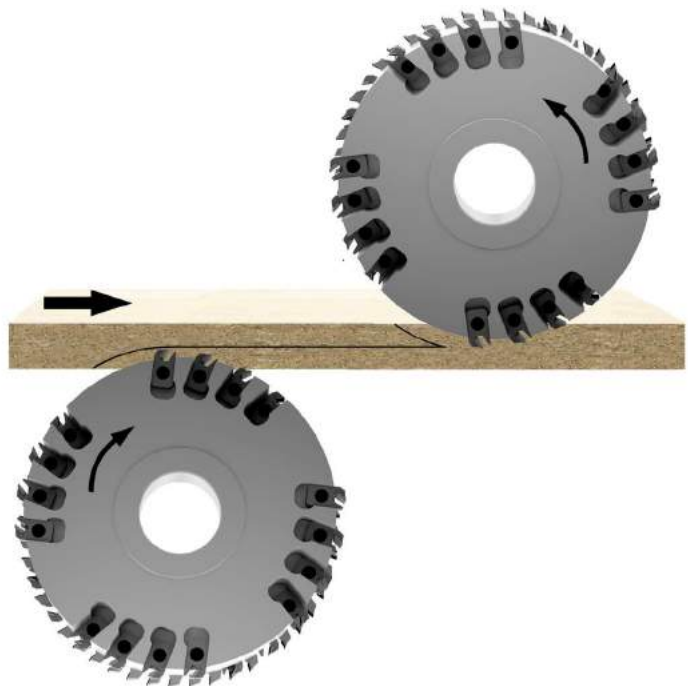
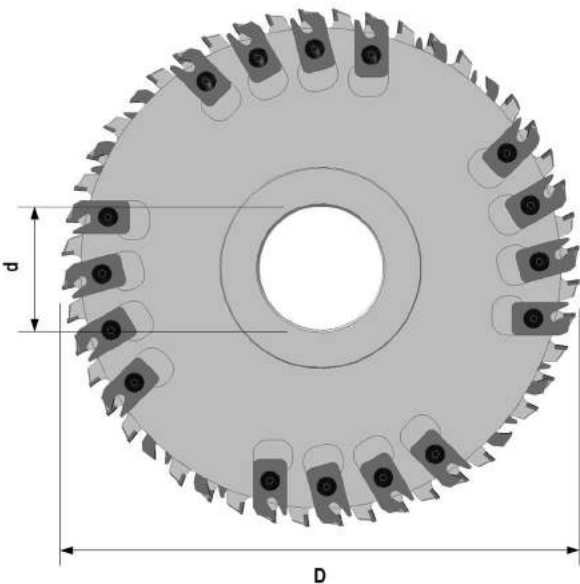
Truciolatore con inserti intercambiabili

Hogging - unit with pcd inserts

E

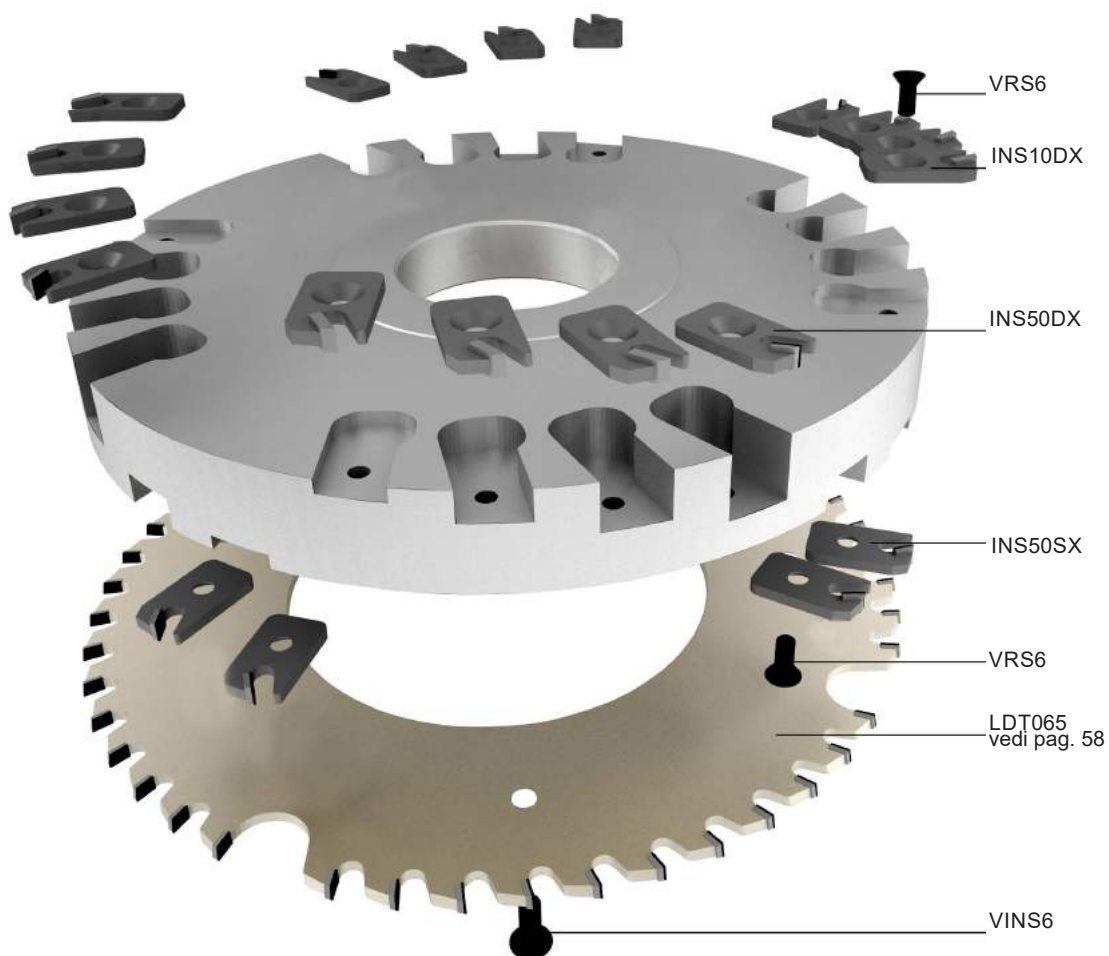


CODE		D mm	B mm	d mm	Z	DIAMANTE
RIGHT Rot.	LEFT Rot.					h mm
TDT010.001R	TDT010.001L	225	25	60	20 + 48	4
TDT010.002R	TDT010.002L	225	25	60	20 + 48	6
TDT010.003R	TDT010.003L	250	30	60	24 + 48	4
TDT010.004R	TDT010.004L	250	30	60	24 + 48	6



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

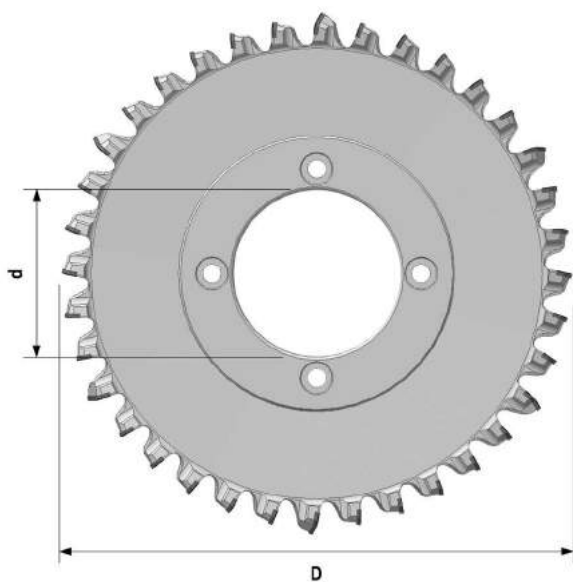


TDT015

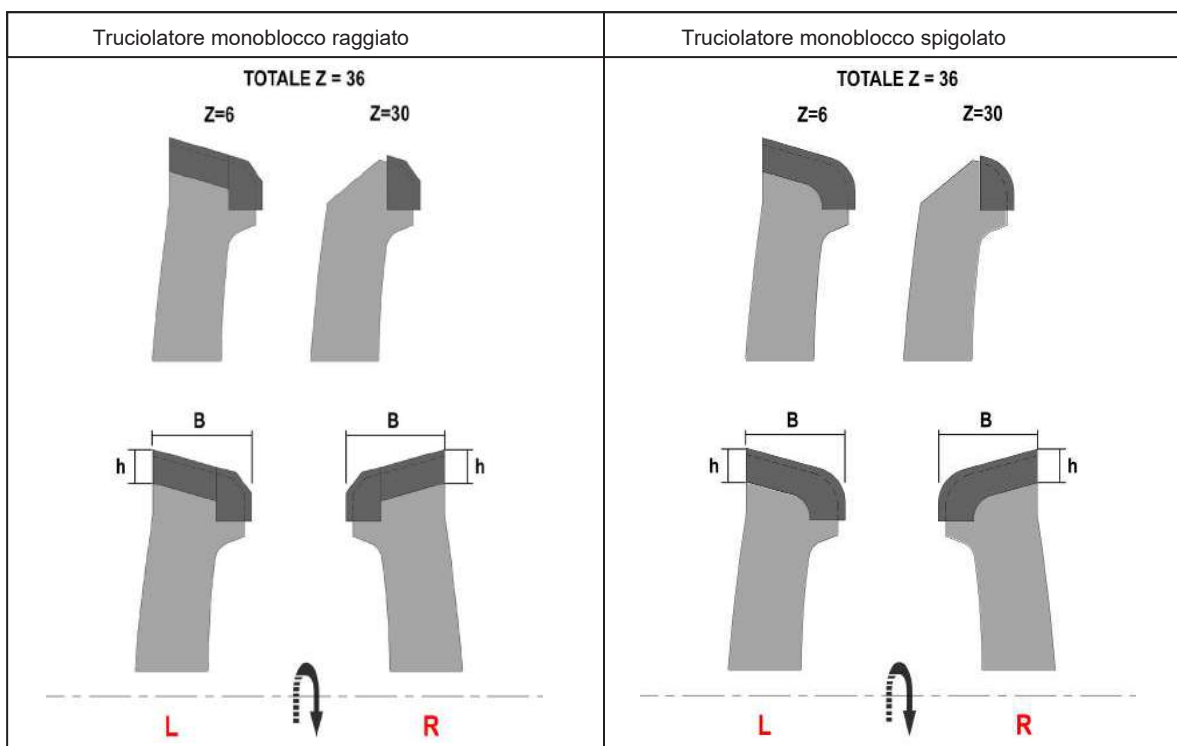
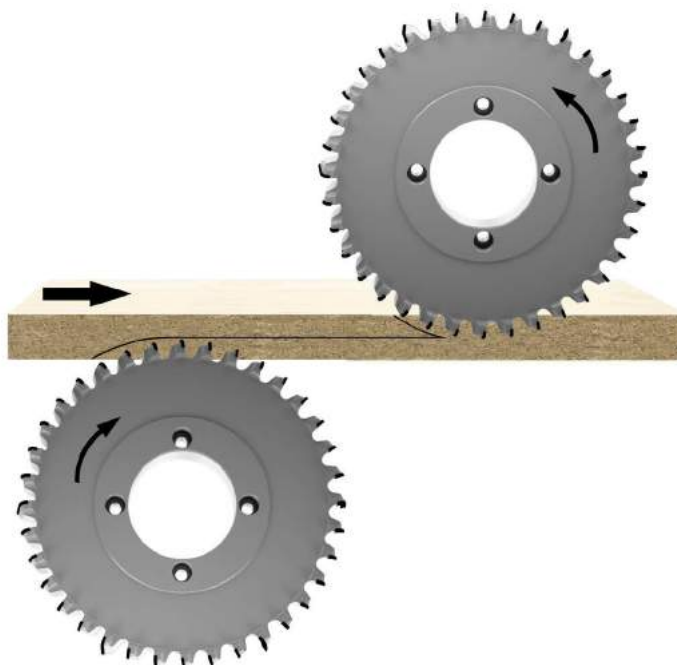
Truciatore monoblocco sagomato

Compact hogging-unit with shaped profil

E



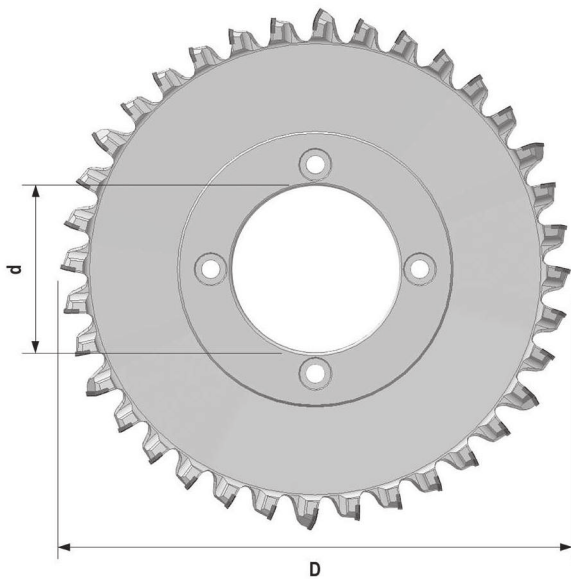
CODE		D mm	B mm	d mm	Z	DIAMANTE	
RIGHT Rot.	LEFT Rot.					h mm	n°
TDT015.001R	TDT015.001L	210	15	80	28 + 4	4	28
TDT015.002R	TDT015.002L	225	15	80	32 + 4	4	32
TDT015.003R	TDT015.003L	250	15	80	36 + 4	4	36



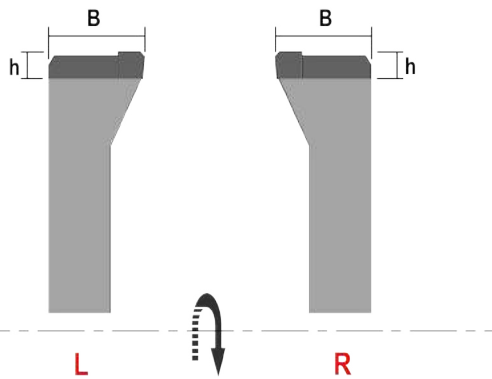
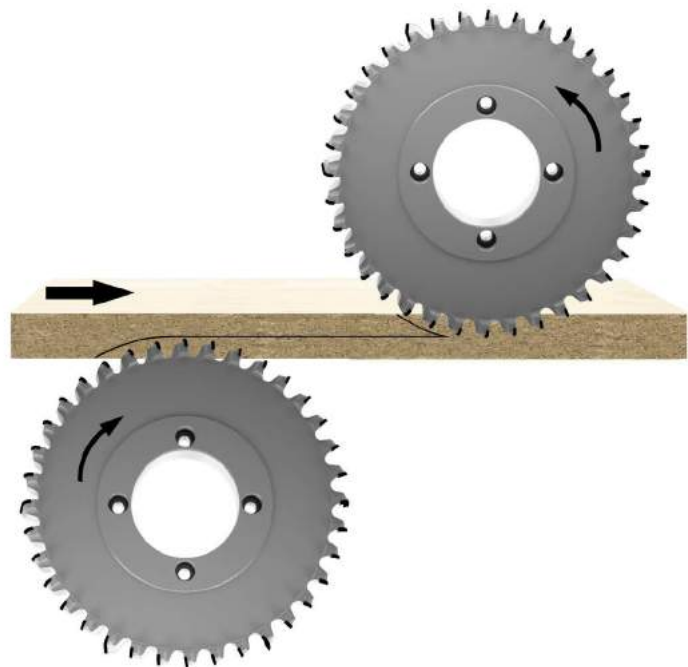
TDT020

Truciolatore monoblocco dritto

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

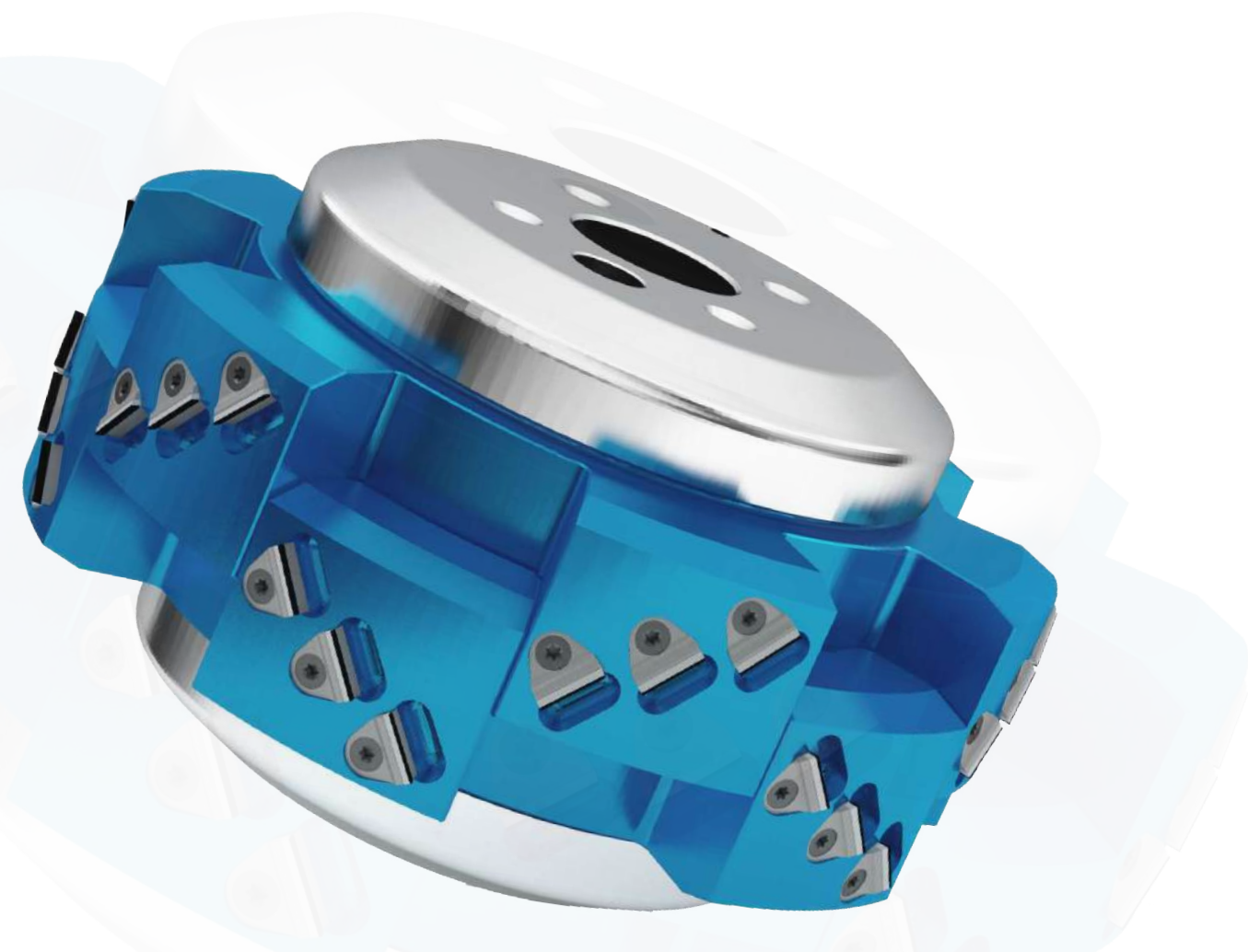


E

FRESE DI FINITURA
ADJUSTABLE FINISHMILLING

SEZIONE F
SECTION F

SECTION F





Frese a finire regolabile con anelli **RDT010**
Adjustable finishing milling cutters with distance rings pag.77



Fresa a finire multitaglienti regolabile con anelli **RDT015**
Adjustable multi-cutting finishing milling cutters with distance rings pag.78



Fresa regolabile a finire con inserti intercambiabili al diamante **RDT020**
Adjustable finish cutter with exchangeable diamond insert pag.79

RDT010

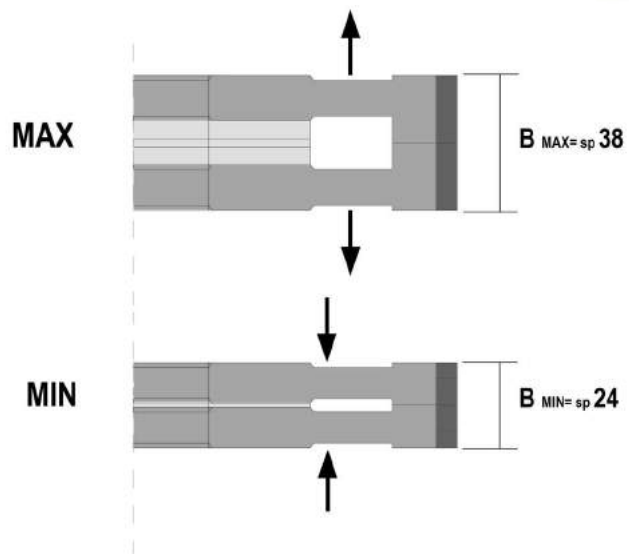
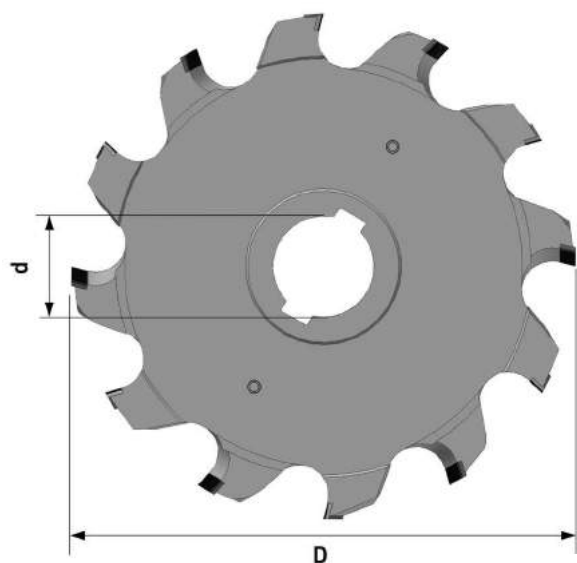
Fresa a finire regolabile con anelli

Adjustable finishing milling cutters with distance rings

F



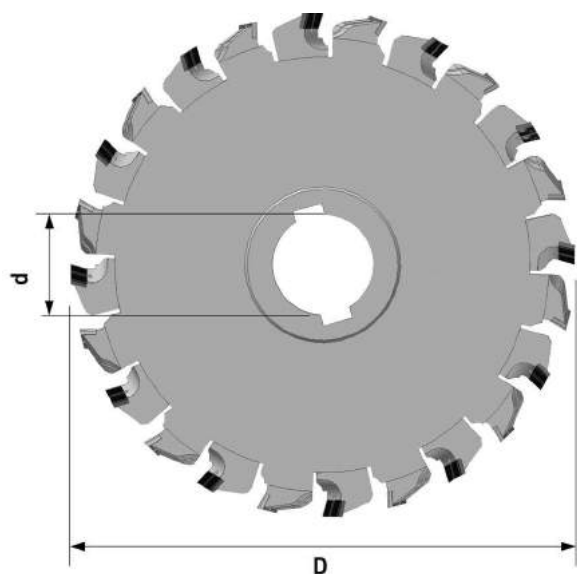
CODE	D mm	B mm	d mm	Z	DIAMANTE	
					h mm	n°
RDT010.001	150	24 - 38	30	4	6	2 X 4
RDT010.002	200	24 - 38	35	4	6	2 X 4
RDT010.003	200	24 - 38	35	6	6	2 X 6
RDT010.004	200	24 - 38	40	4	6	2 X 4
RDT010.005	200	24 - 38	40	6	6	2 X 6



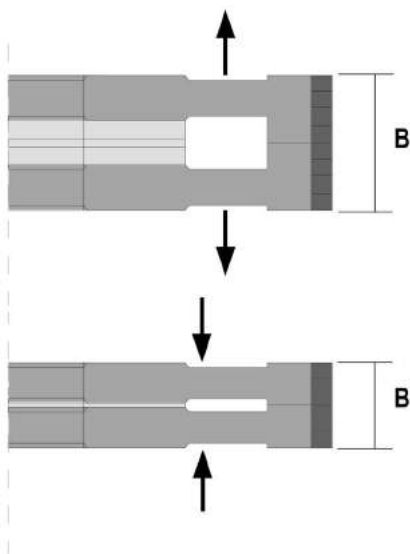
RDT015

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 al diamante

Adjustable finish cutter with exchangeable diamond insert

F

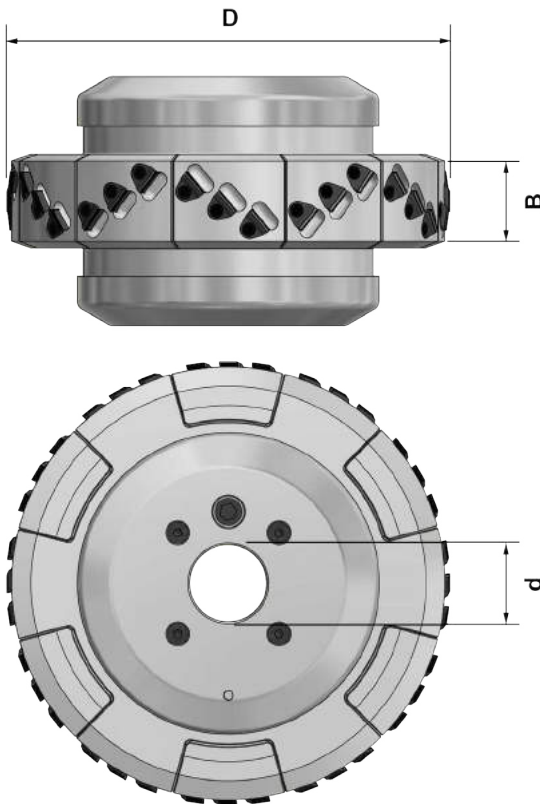


CODE		D mm	B mm	d mm	Z
RIGHT Rot.	LEFT Rot.				
RDT020.001R	RDT020.001L	230	29 / 53	40	6 + 6
RDT020.002R	RDT020.002L	230	20 / 37	40	8 + 8

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.

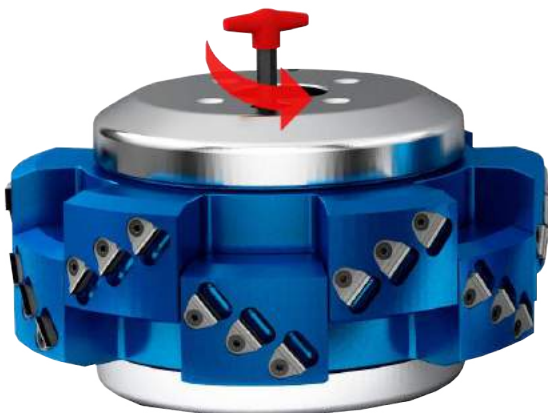
Bassa rumorosità, alto rendimento, eccellente finitura.

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



MIN

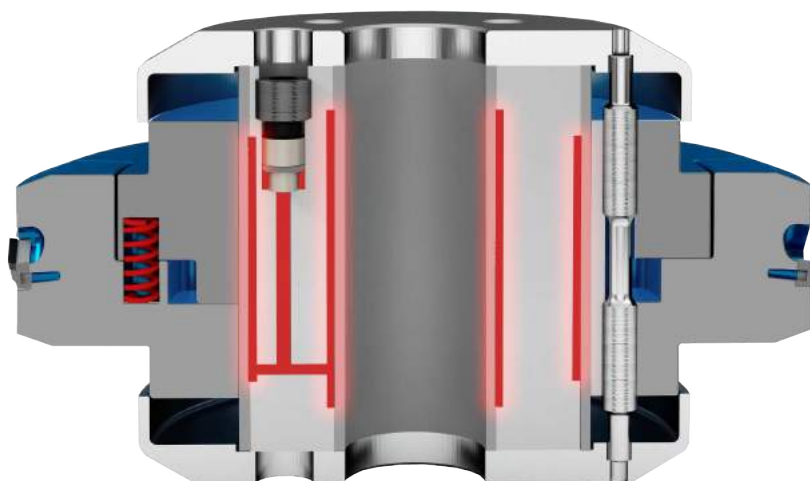
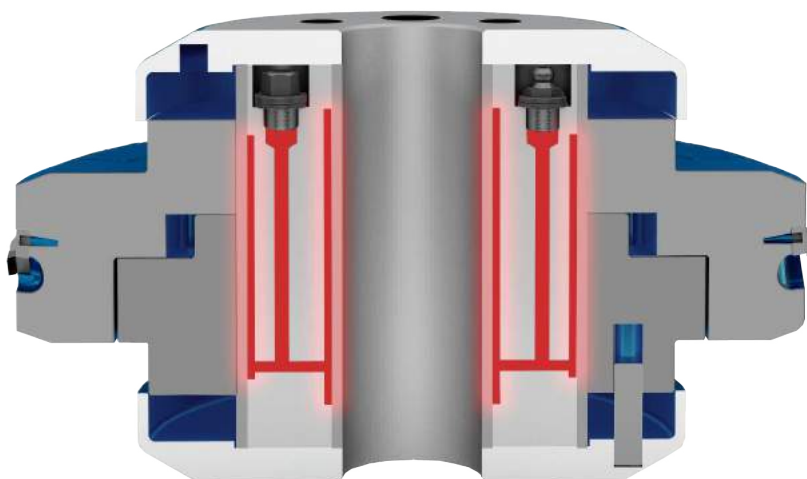
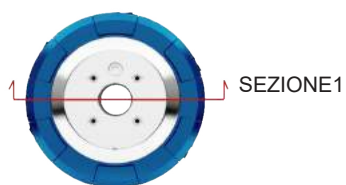
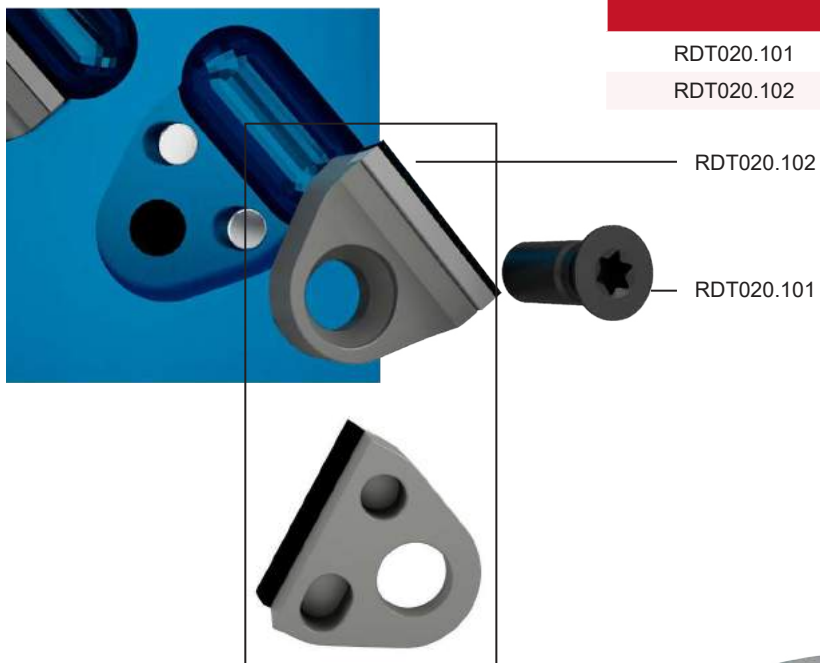


RDT020

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



F

CENTERINOX

SEZIONE G

SECTION G

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

G

VRT010

Vortice - Convogliatore a ghiera
Su pinze ER25, ER32, ER40

Vortex - Conveyor clamping nut
For ER25, ER32, ER40 spring collets

G

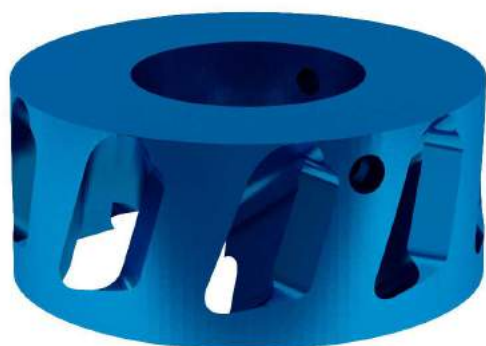


CODE	ATTACCO PER PINZA
VRT010.001	ER25
VRT010.002	ER32
VRT010.003	ER40

- 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 environment safe and practically free of dust harmful to the user.
- Easy to use and assembly, no need for special 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 aluminum 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

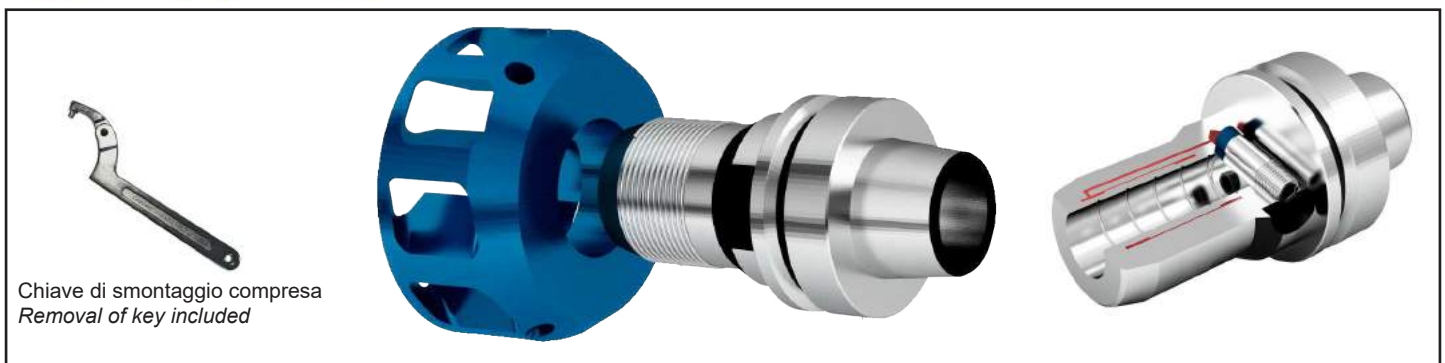
Il convogliatore a ghiera di polvere e truciolo su mandrino Hydro è un dispositivo in grado di eliminare la polvere, durante le operazioni di Nesting e Pantografatura, di abbassare la temperatura del punto di lavorazione e di fungere da portautensile di precisione allo stesso tempo.

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 aereospaziale.

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



G

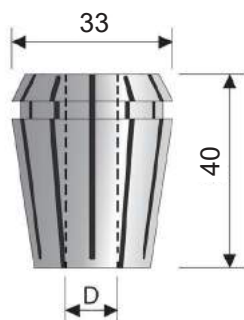
CENTERINOX

MPP010

Pinze - DIN6499

Collet - DIN6499

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

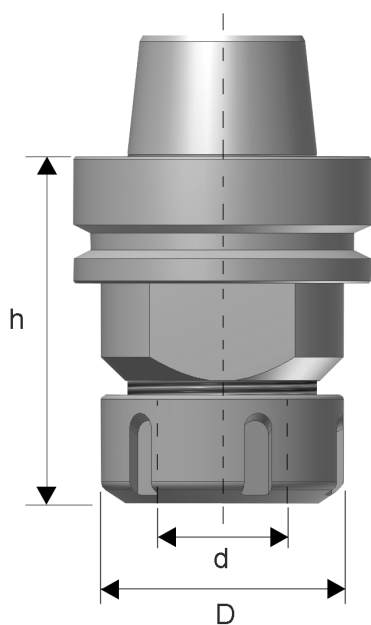


TIPI DI MACCHINARI		BIESSE-EIMA-HOMAG-SCM-IMA(da9/94<)-WEEKE-DUBUS-BUSELLATO			
CODE		h mm	D mm	d mm	GHIERA
RIGHT Rot.	LEFT Rot.				
MPP015.001R	MPP015.001L	73	50	3 - 20	ER-32
MPP015.002R	MPP015.002L	80	63	4 - 30	ER-40




G

La pinza non è compresa nel mandrino

Collect not included



Ricambi / Parts

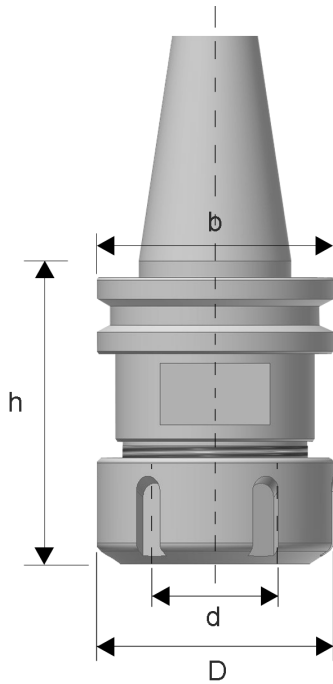
ghiera	GHI1	DX	pinza	vedi pag. 85	chiave	CHT18	ER32
	GHI2	SX				CHT19	ER40
nut			collect		key		
							

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	D	d	b	GHIERA
RIGHT Rot.	LEFT Rot.	mm	mm	mm	mm	
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	D	d	b	GHIERA
RIGHT Rot.	LEFT Rot.	mm	mm	mm	mm	
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	D	d	b	GHIERA
RIGHT Rot.	LEFT Rot.	mm	mm	mm	mm	
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.

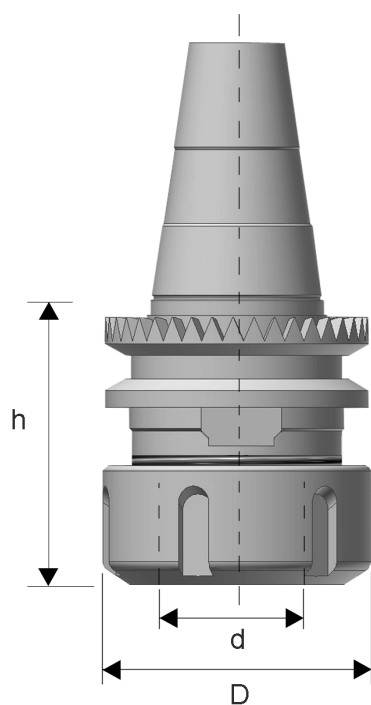
Ricambi / Parts

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

G

La pinza ed il tirante non sono compresi nel mandrino

Collect and pull stud not included

Ricambi / Parts

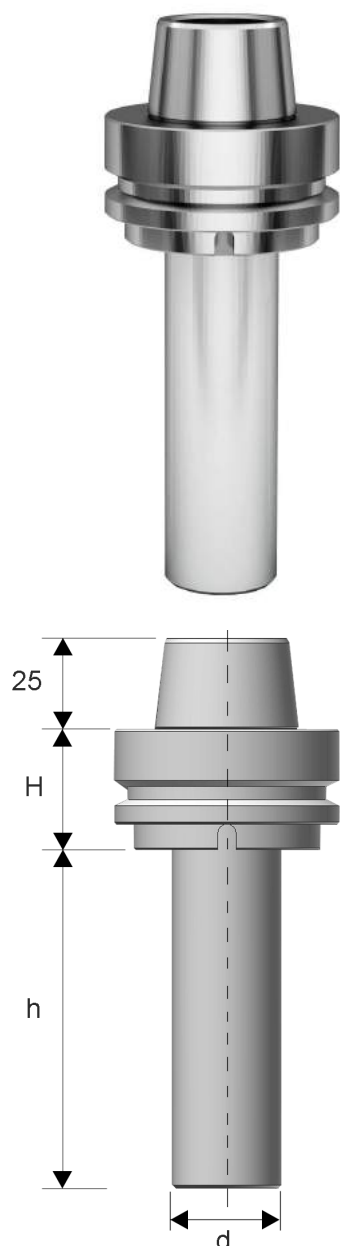
ghiera	GHI1 DX	pinza	vedi pag.85	chiave	CHT18 ER32	tirante	vedi pag.95
nut	GHI2 SX	collect		key	CHT19 ER40	pull stud	
							

MPP030

Mandrini HSK-63F alberato

Toolholders HSK-63F

G



MONTAGGIO SU MACCHINA: **BIESSE - DUBUS - WEEKE - HOMAG - BUSELLATO - EIMA - IMA**(da9/94)

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 included

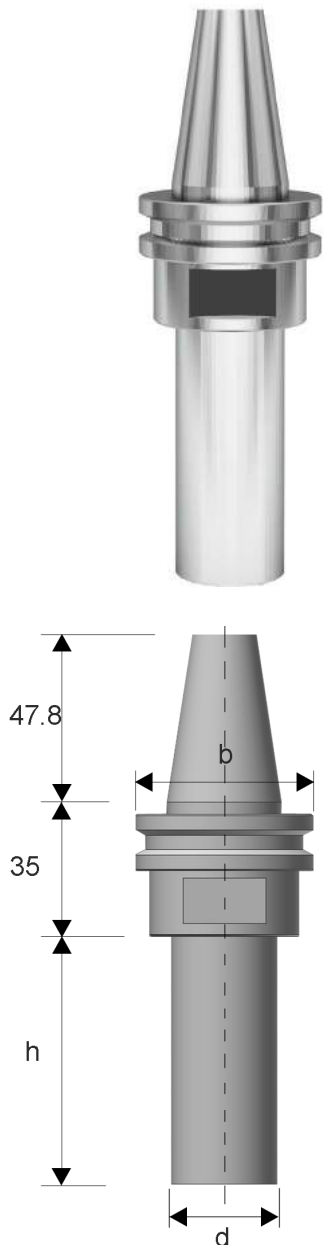
Ricambi / Parts

	TAMP	flangia femmina	TAPF	vite per flangia	ESM6X20
flangia prolungata <i>expanded flanged cap</i>		<i>reduced flanged cap</i>		<i>screw for flange</i>	

MPP035

Mandrini portafrese ISO-30

Tools'holders ISO-30



Completo di viti e flangia prolungata

Screw and reduced flanged cap included

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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G

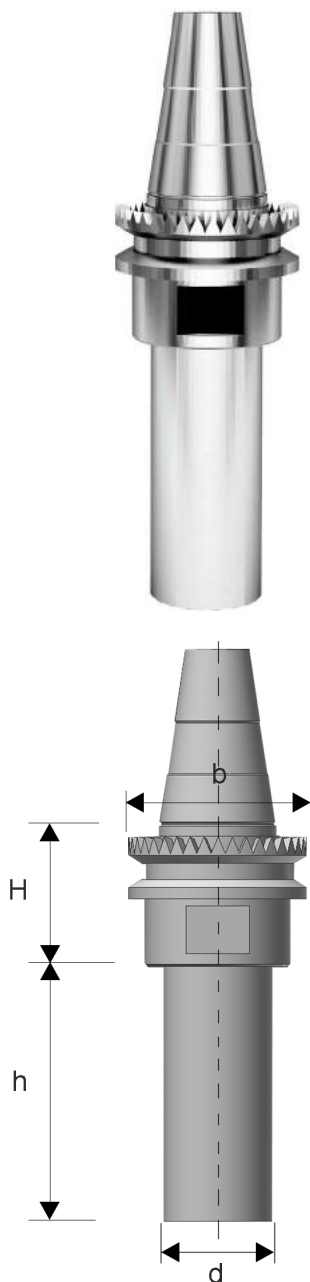
CENTERINOX

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

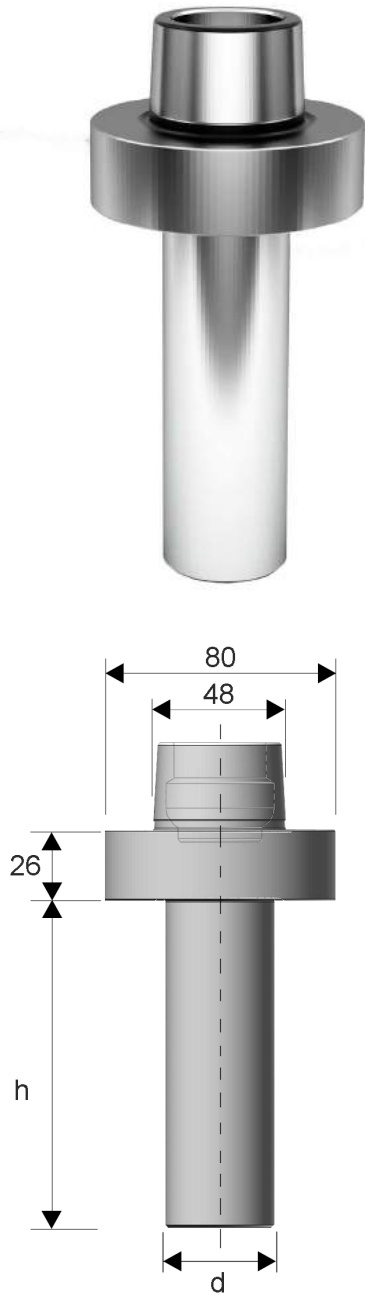
Ricambi / Parts

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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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

	TAPM	flangia femmina	TAPF	vite per flangia	ESM6X20
flangia prolungata <i>expanded flanged cap</i>		<i>reduced flanged cap</i>		<i>screw for flange</i>	

G

CENTERINOX

MPP050

Adattatori HSK63F per lame circolari

HSK63F holder for sawblades

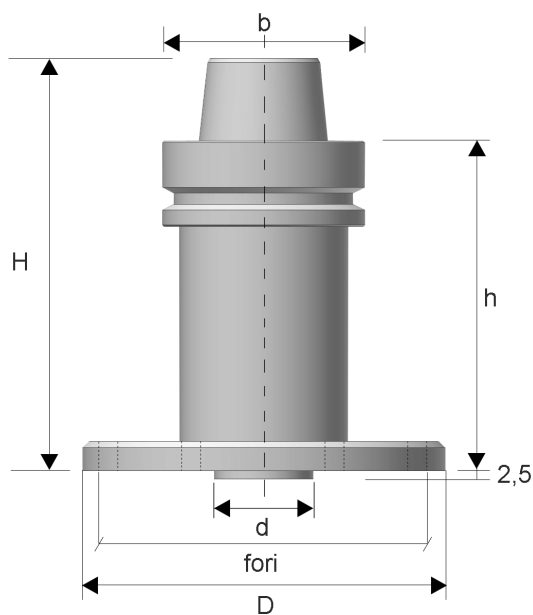
G



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

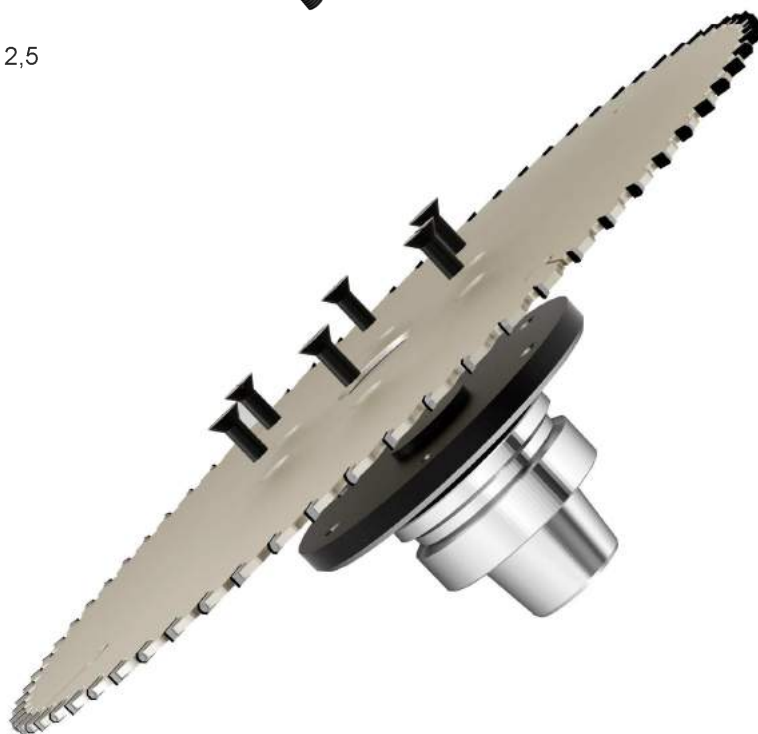
- Equipped with n°6 screw M6
- To use with saw blade between 200mm/300mm diameter



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

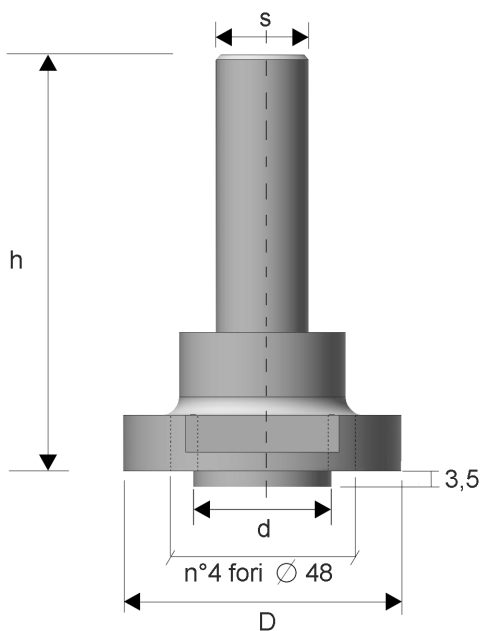
Holder for sawblades



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

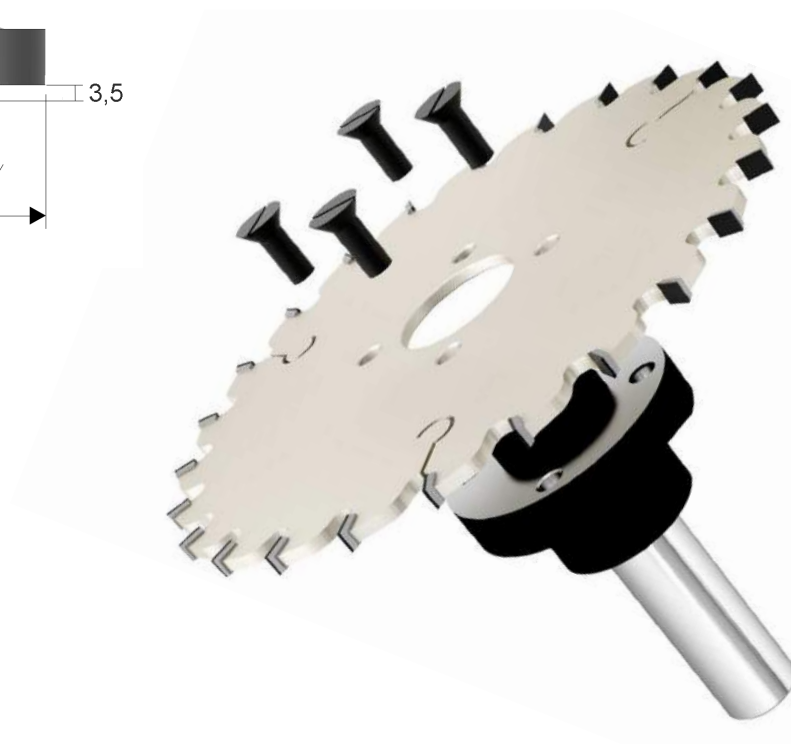
- Equipped with n°4 screw M6
- To use with saw blade between 150mm/200mm diameter



Esempio di montaggio con lama inserita

Mounting example with sawblades inserted

Vite M6 con testa svasata per serraggio lama



G

Standard pull stud

G

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 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

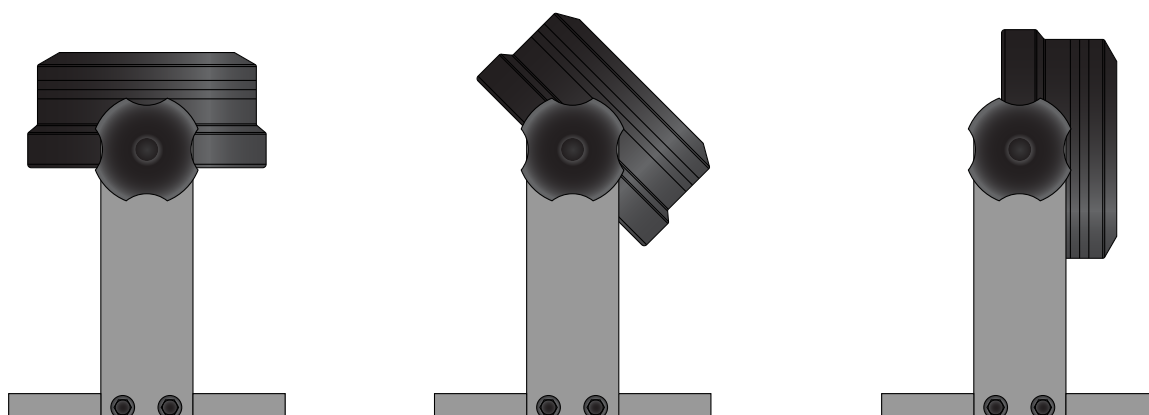
Collet and ring



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

G

- 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°

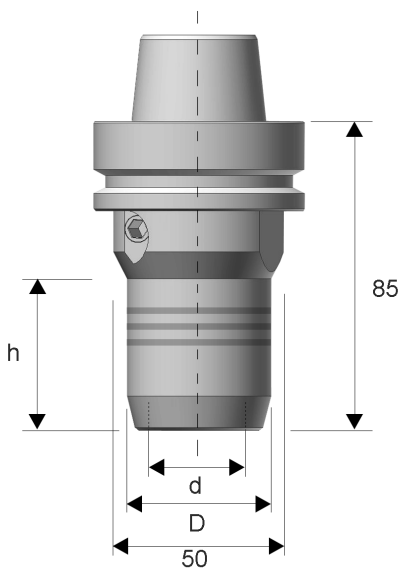


MPP070

Mandrini HSK-63F Hydro

Hydro clamping tools'holders HSK-63F

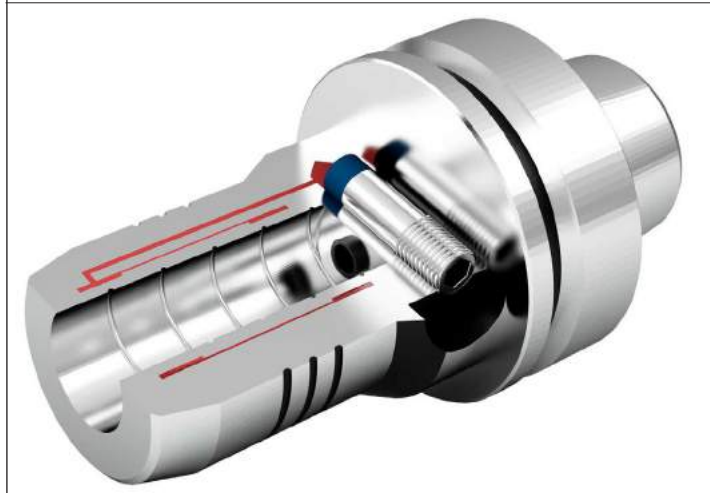
G



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.

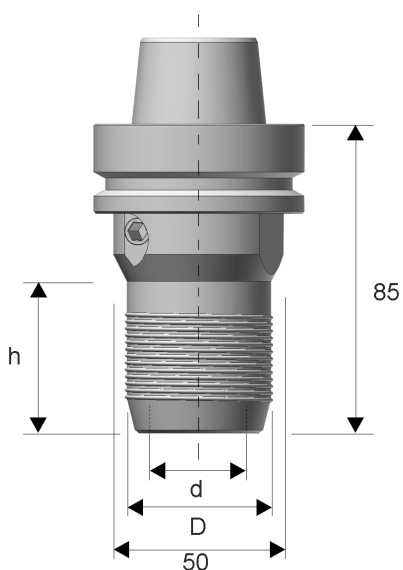
Working on the screw we add pressure to the liquid part into the toolholder that clamp uniformly the tool's shank.



MPP075

Mandrini HSK-63F Hydro filettati

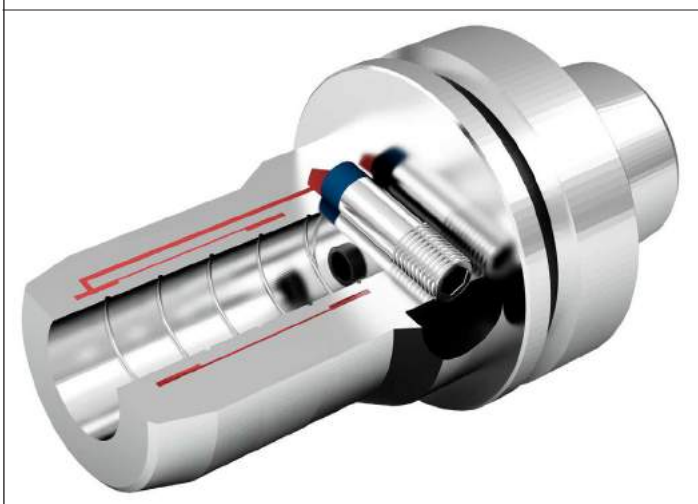
Hydro clamping tools'holders HSK-63F threaded



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*



G

CENTERINOX

MPP080

Mandrini a serraggio poligonale HSK-63F

Polygonal clamping tools'holders HSK-63F

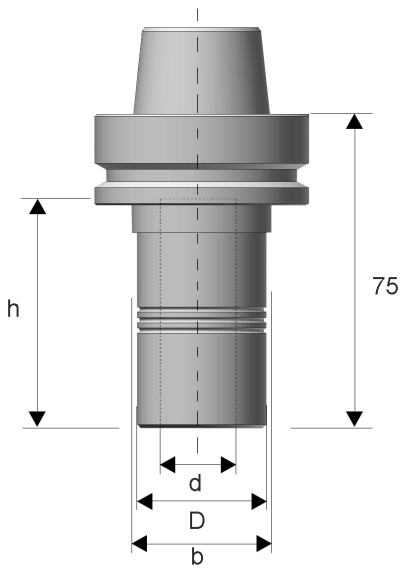
G



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.

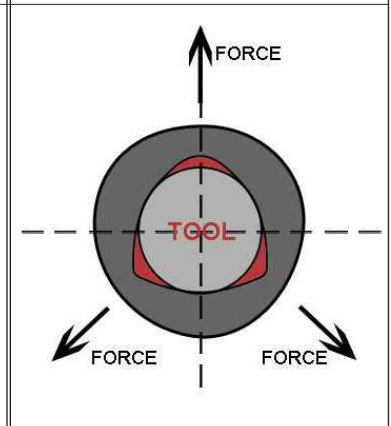
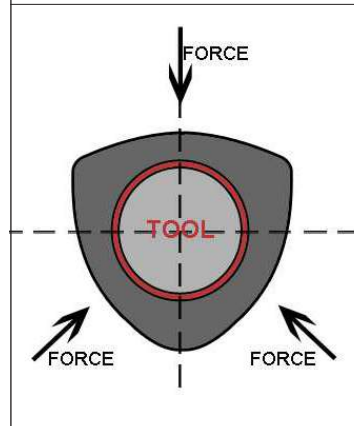


Sotto pressione, la sede poligonale diviene tonda, permettendo l'inserimento o l'estrazione dell'utensile.

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

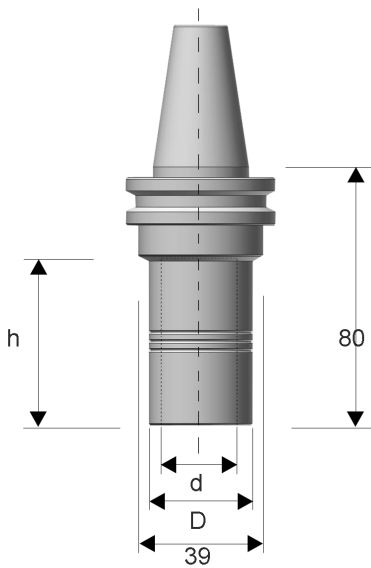


CODE	h mm	d mm	D mm
MPP085.001	47	12	19
MPP085.002	48	16	25
MPP085.003	52	20	30
MPP085.004	55	25	35

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.

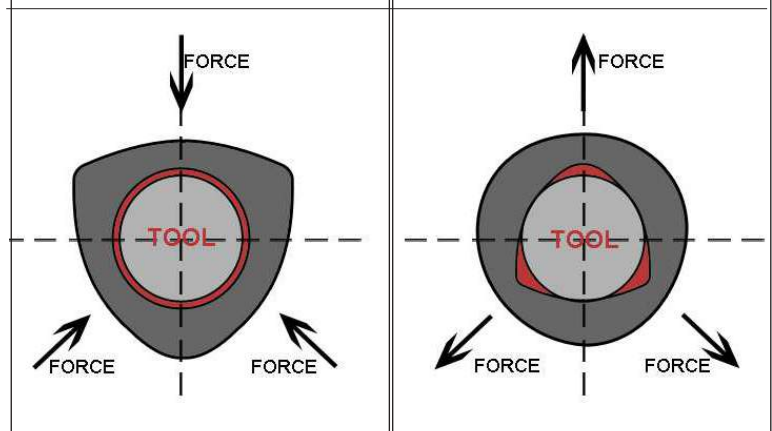


Sotto pressione, la sede poligonale diviene tonda, permettendo l'inserimento o l'estrazione dell'utensile.

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

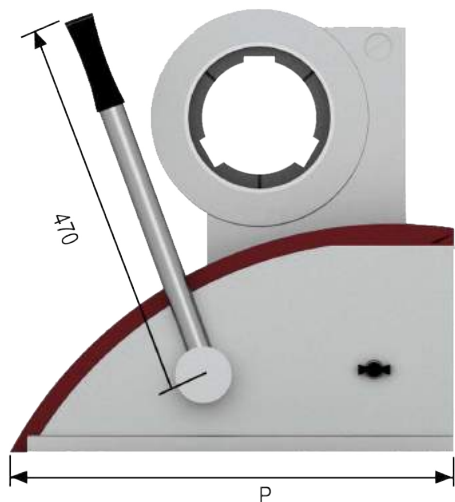
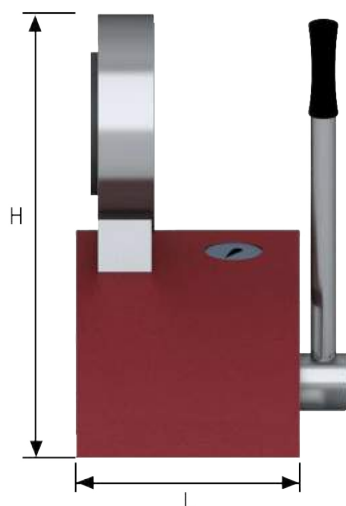
G



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.*



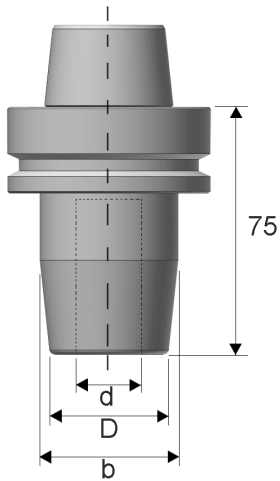
MPP090

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



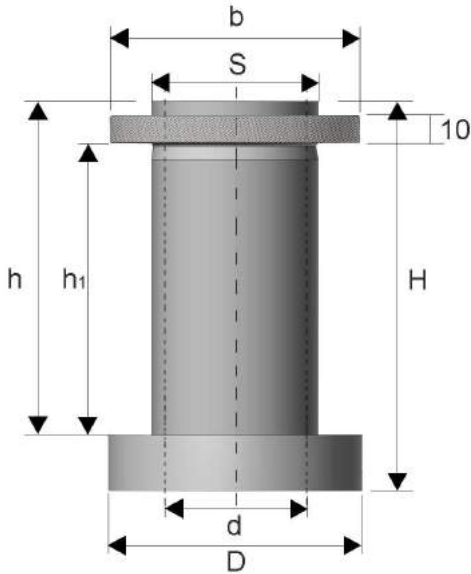
G

MPP095

Mozzo Hydro

Hydro holders

G



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
vedi pag.112

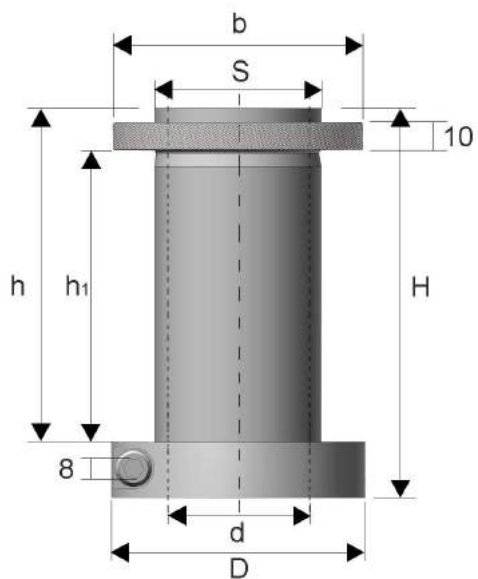
Bores - reducing spacing collars
see page 112



MPP100

Mozzo Hydro - Grip

Hydro - Grip holders



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

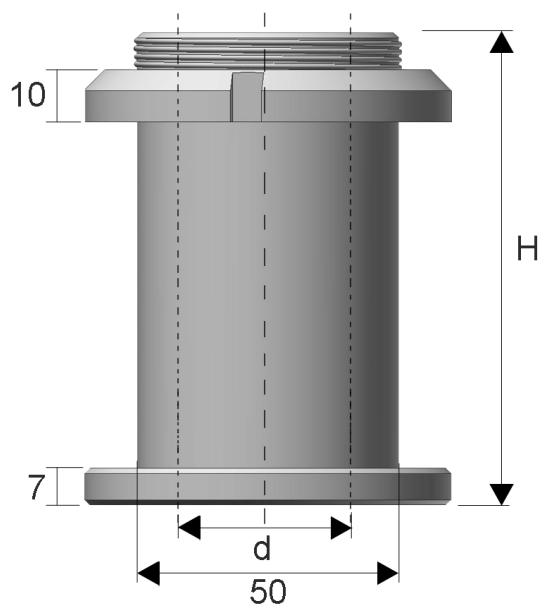
G

MPP105

Mozzo porta utensili (diametro esterno 50)

Cutter - holder hub

G

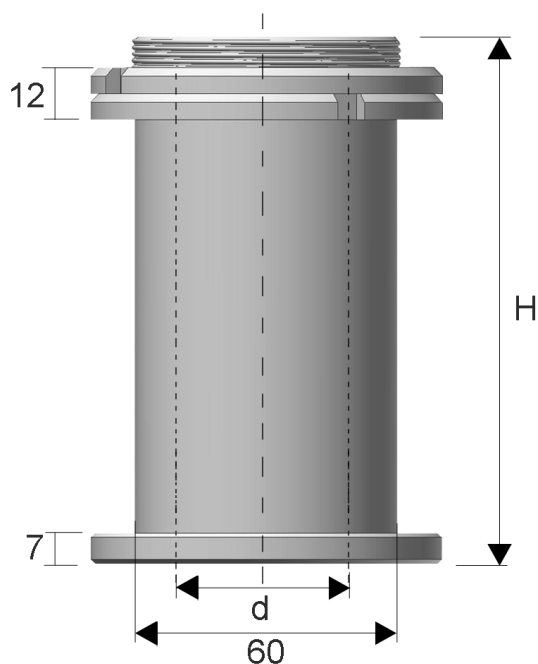


CODE	d mm	H mm
MPP105.001	30	60
MPP105.002	30	70
MPP105.003	30	80
MPP105.004	30	90
MPP105.005	30	95
MPP105.006	30	100
MPP105.007	30	105
MPP105.008	30	110
MPP105.009	30	115
MPP105.010	30	120
MPP105.011	30	125
MPP105.012	30	130
MPP105.013	35	60
MPP105.014	35	70
MPP105.015	35	80
MPP105.016	35	90
MPP105.017	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

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			

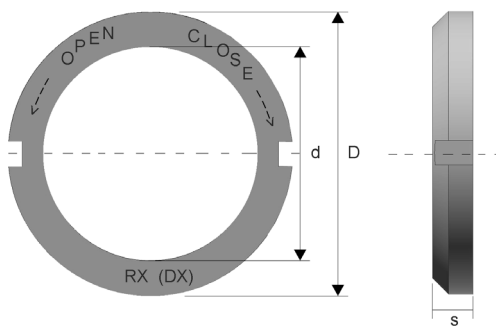
G

GHRF50

Ghiere filettate per mozzo (diametro esterno 50)

Threaded metal ring

CODE		d	D	S
RIGHT Rot.	LEFT Rot.	mm	mm	mm
GHRF50.001R	GHRF50.001L	50	70	10



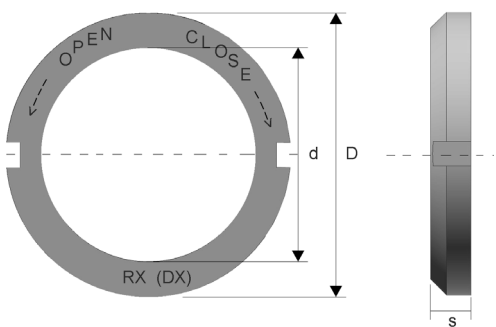
G

GHRF60

Ghiere filettate per mozzo (diametro esterno 60)

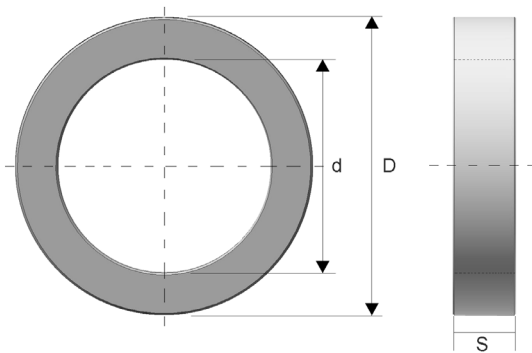
Threaded metal ring

CODE		d	D	S
RIGHT Rot.	LEFT Rot.	mm	mm	mm
GHRF60.001R	GHRF60.001L	60	80	6



CENTERINOX

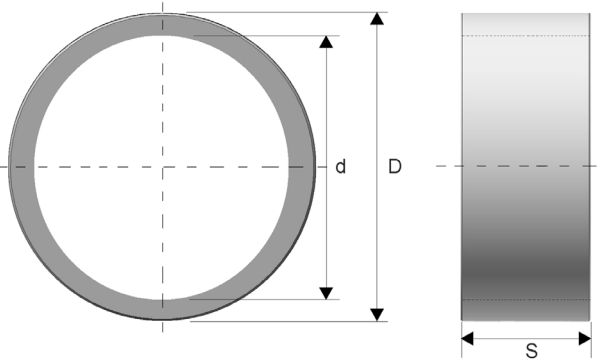
Spacer rings



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



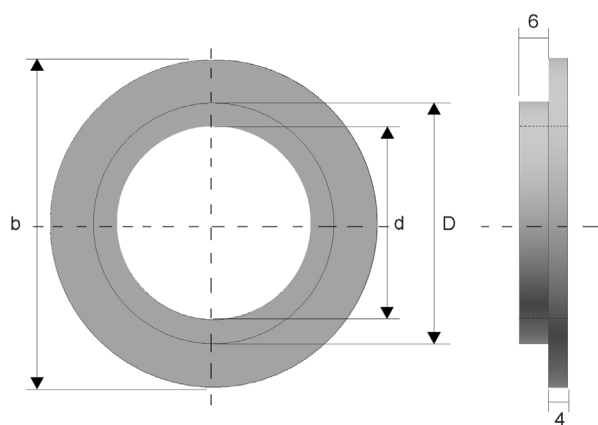
CODE	d mm	D mm	S mm
BSL.001	20	35	6
BSL.002	20	35	10
BSL.003	20	35	20
BSL.004	25	30	4
BSL.005	25	30	6
BSL.006	25	30	20
BSL.007	25	30	40
BSL.008	25	35	6
BSL.009	25	35	10
BSL.010	25	35	20
BSL.011	25	35	30
BSL.012	30	31.75	13.4
BSL.013	30	31.75	15
BSL.014	30	31.75	40
BSL.015	30	35	4
BSL.016	30	35	6
BSL.017	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

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

G

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 as 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





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° pompage a 100 bar/n° of strokes at 100 bar	30 per min

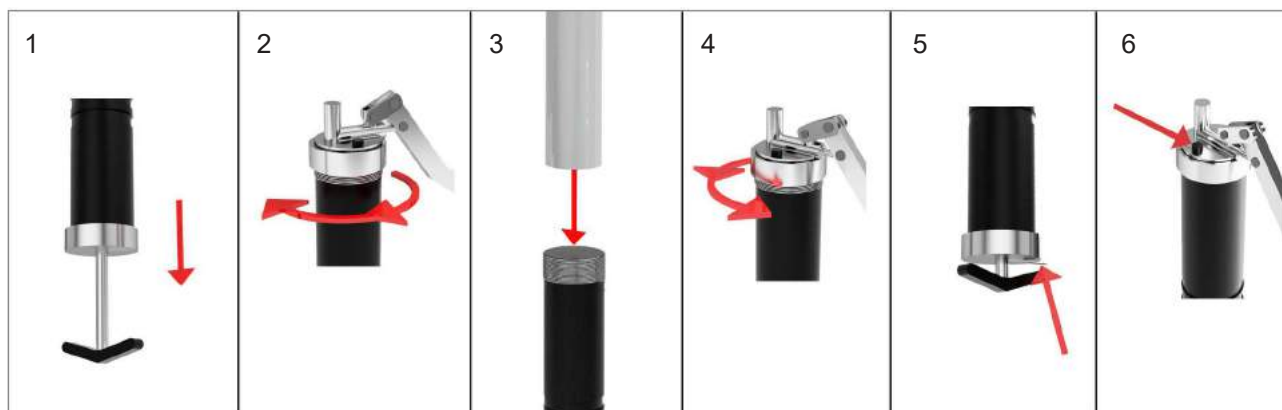
Pompa manuale per grasso adatta per ogni tipo di grasso non corrosivo in cartuccia.

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

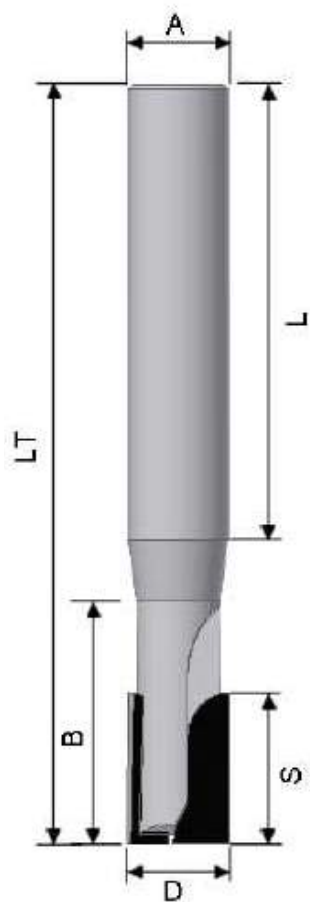
- 1- Pull the pump shaft
- 2- Screw off the head of the hand lever pump
- 3- Remove the plug of the cartridge and cut the other end along the re-entering edge; put the cartridge in the hand lever pump
- 4- Screw again the head
- 5- Press the trigger to re-enter the pump shaft
- 6- Purge the pump screwing off the vent plug and operate the lever.

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

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