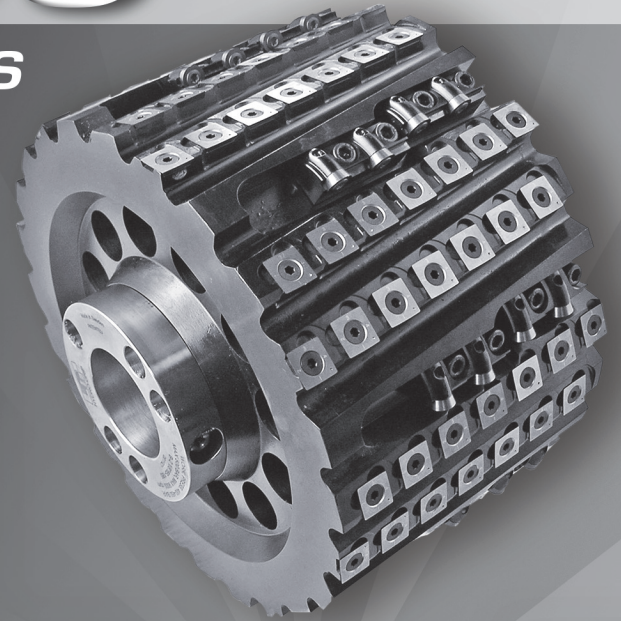


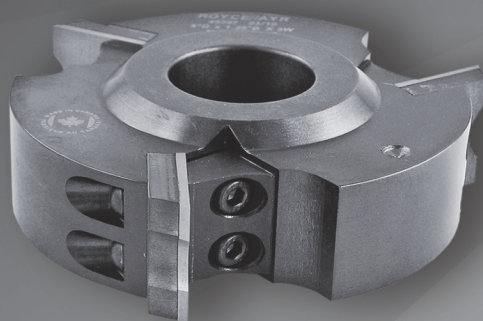
QUALITY PERFORMANCE PRECISION

CUTTER HEADS

porte-outils



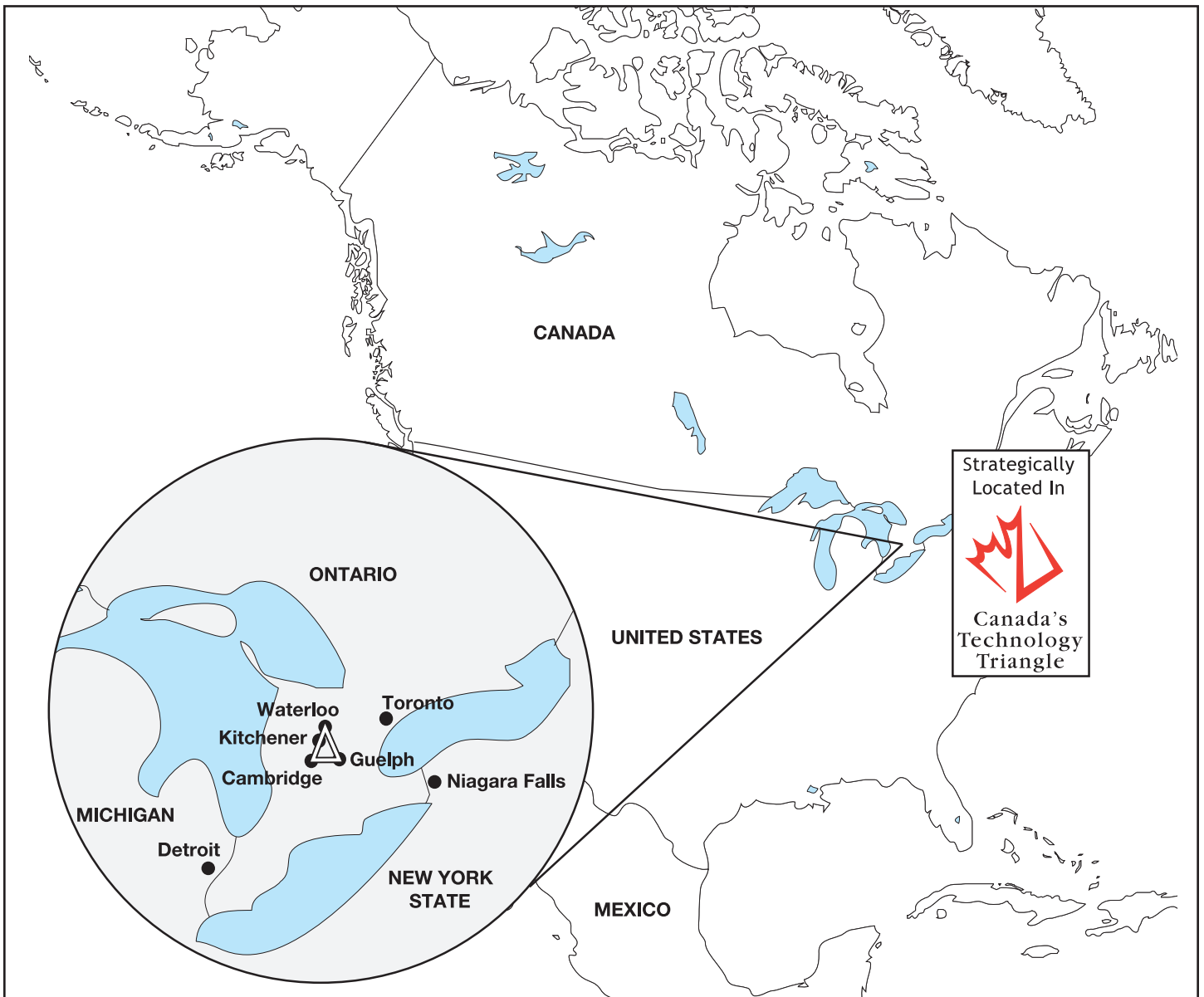
ROYCE//AYR
Royce//Ayr Cutting Tools Inc.



ISO 9001:2008
registered

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S A T I S F A C T I O N G U A R A N T E E D

Limited Warranty

All items in the Royce//Ayr catalogue, unless otherwise noted, are warranted for 90 days against defects in workmanship and materials. Normal wear and tear or use of a tool for other than the intended purpose is not covered by this warranty. Merchandise may be returned to Royce//Ayr Cutting Tools for repair or replacement at our option. Royce//Ayr liability is limited to repair or replacement of the merchandise. In no event shall Royce//Ayr be liable for any incidental or consequential damages.

Special Items

Special items are those not in the Royce//Ayr catalogue and are special ordered for the customer. These items are covered by our limited warranty. If a special item is defective, it is covered like any other catalogue item.

LA S A T I S F A C T I O N A G A R A N T I

Garantie limitée

Tous les articles présents dans le catalogue de Royce//Ayr sont, sauf indication contraire, sous garantie pendant 90 jours contre des défauts de production ou de matériaux. L'usure, la dégradation ou l'utilisation de l'outil pour un but autre que sa fonction initiale ne sont pas couverts par la garantie. Les marchandises peuvent être retournées à Royce//Ayr pour toute réparation ou remplacement, selon notre choix. La responsabilité de Royce//Ayr se limite à la réparation ou au remplacement des marchandises. En aucun cas, l'entreprise ne sera tenue responsable des dommages causés ou des indemnités pouvant en découler.

Articles particuliers

Certains articles ne sont pas présents dans le catalogue de Royce//Ayr et sont spécialement commandés pour le client. Ces articles sont couverts par notre garantie limitée. Si l'article est défectueux, il sera couvert comme tout autre produit de notre catalogue.

Custom Items

Custom items are those that are made to our customer's specifications and are not normally carried by Royce//Ayr. The customer is responsible to make sure his specifications meet his needs. These items cannot be returned unless there is a defect in workmanship or materials.

No Sale is Final

If you have a problem with an order you placed with Royce//Ayr, please call. We want you to be satisfied with our products and service.

Articles personnalisés

Les articles personnalisés sont fabriqués selon les propres spécifications de nos clients et ne sont habituellement pas transportés par Royce//Ayr ou le fabricant. Le client doit s'assurer que ses spécifications correspondent à ses besoins. Ces articles ne peuvent être retournés sauf cas de défauts de production ou des matériaux.

Une vente non définitive

Si vous avez un problème avec la commande passée avec Royce//Ayr, nous vous prions de nous contacter. Nous voulons votre entière satisfaction envers nos produits et services.

Information

Data to be specified in order to avoid confusion:

1. Kind of Feed Motion

- manual
- partially mechanical
- mechanical

2. Standard Tools in Catalogue

- Article Number (Art. No.)
- Dimensions

3. Special-Purpose Tools

Drawing or sketch showing the dimensions required or a true sample of wood, board or other material to be cut, specifying the bottom (table) side and stop or fence end including the direction of feed motion.

4. Main Specifications

Tool Diameter x Width of Cut x Bore Diameter

Number of Teeth, Knives or Blades

Direction of Rotation

RPM

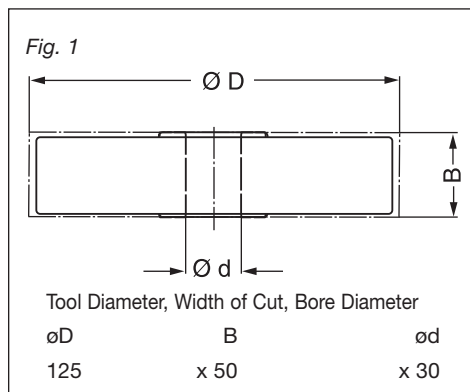
Feed Rate

Keyway Size

Edge Material: High-Speed-Steel (HSS), Stellite or Tungsten Carbide

5. How to Specify the Principal Dimensions

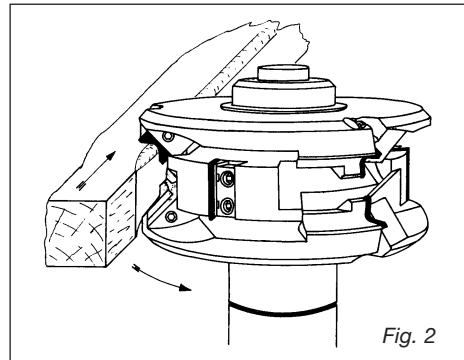
Cutters, Knife Heads, Circular Saw Blades



6. How to Specify the Direction of Cutter Rotation

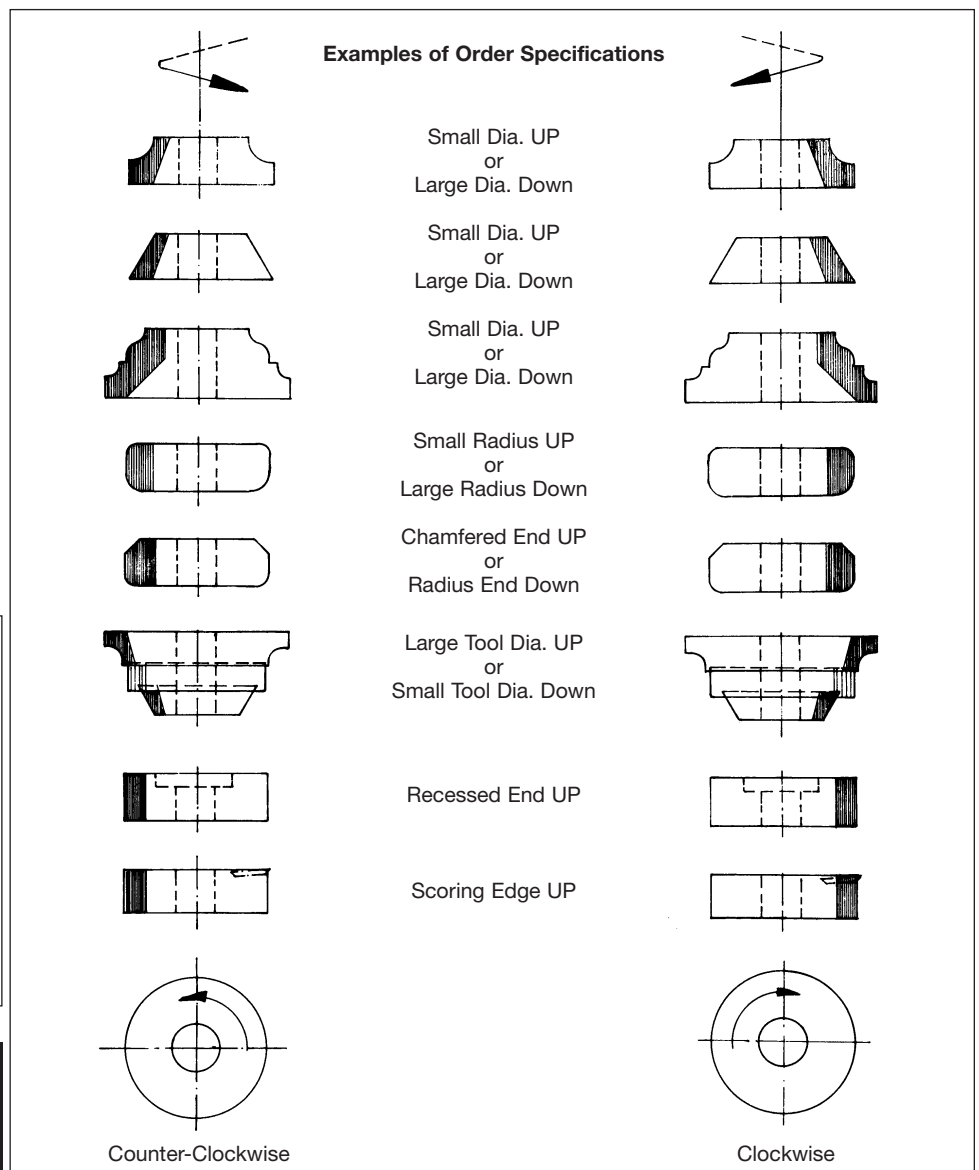
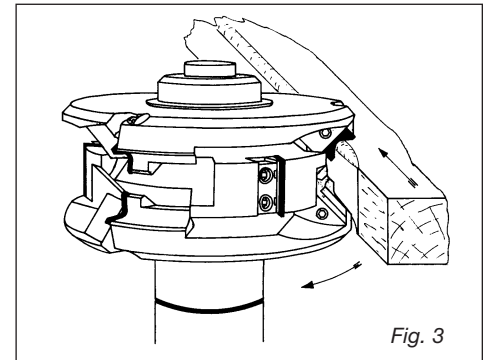
a) Right-hand cutting

Right-hand rotation when viewed from the drive end, counter clockwise when viewed on top of the tool.



b) Left-hand cutting

Left-hand rotation when viewed from the drive end, clockwise when viewed on top of the tool.



For additional Information and Charts, see pages 58 and 59

Données à indiquer pour éviter toute confusion:

1. Type d'avancement

- manuel
- partiellement mécanique
- mécanique

2. Outils standards du catalogue

- numéro de l'article (Art. No.)
- dimensions

3. Outils à usage particulier

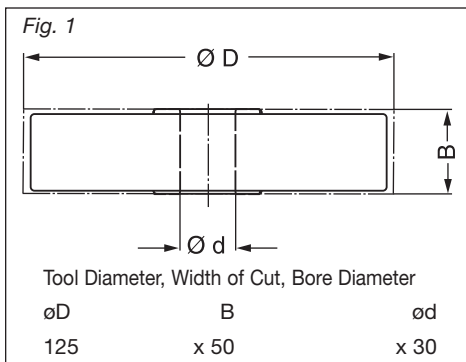
Effectuer un croquis ou une esquisse afin de montrer les dimensions requises ou envoyer un échantillon du bois, de la planche ou autres matériaux destinés à être travailler. Spécifier le côté de fond du bois et la règle de la machine ainsi que le sens de mouvement de l'avancement.

4. Principales spécifications

- diamètre de l'outil x largeur de la coupe x diamètre de l'alésage
- nombre de dents, de couteaux ou de lames
- sens de rotation
- RPM
- vitesse d'avance
- taille des rainures de clavette
- matériau de la lame: HSS (acier rapide), Stellite ou carbure de tungstène

5. Comment préciser les dimensions principales

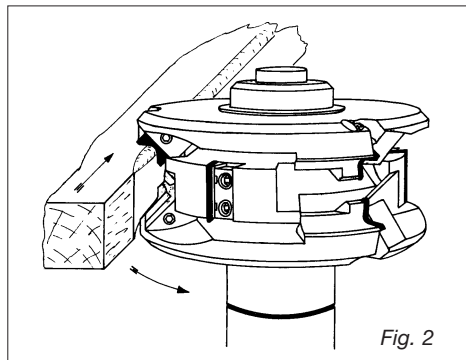
Fraises, têtes de couteaux, lames de scie circulaire.



6. Comment préciser le sens de rotation de la coupe

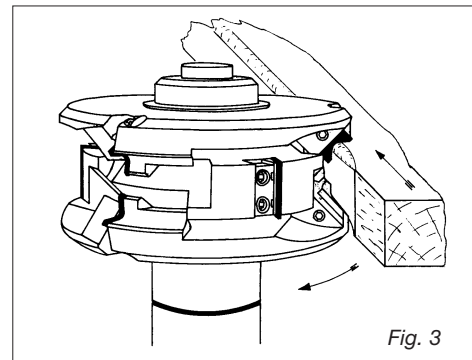
- coupe à droite

La rotation est à droite vue du moteur et elle est dans le sens inverse des aiguilles d'une montre vu du dessus de l'outil.



- coupe à gauche

La rotation est à gauche vue du moteur et elle est dans le sens des aiguilles d'une montre vu du dessus de l'outil.



Exemples de précisions pour les commandes		
	Petit diam. vers le HAUT ou Grand diam. vers le BAS	
	Petit diam. vers le HAUT ou Grand diam. vers le BAS	
	Petit diam. vers le HAUT ou Grand diam. vers le BAS	
	Petit rayon vers le HAUT ou Grand rayon vers le BAS	
	Extrémité chanfreinée vers le HAUT ou Extrémité à rayon vers le BAS	
	Outil à grand diam. vers le HAUT ou Outil à petit diam. vers le BAS	
	Extrémité en retrait vers le HAUT	
	Bord de refoulage vers le HAUT	
	Sens antihoraire	
		Sens horaire

Pour tous renseignements et schémas supplémentaires, voir pages 58 et 59.

Cutterhead for Grooves - Lamello / Fraise à rainer pour Lamello
Cutterhead for Grooves / Fraise à rainer



ART. 500

LAMELLO

PART NO	DIA.	KERF	Z	BORE
500-100.004*	100	4	4+4	22mm

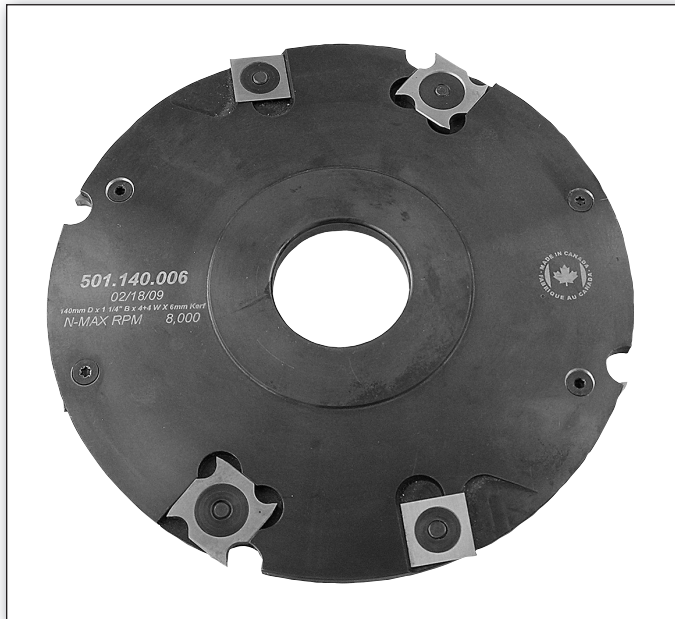
PART NO. WITH * NORMALLY IN STOCK

Technical Data

Insert groover for Lamello Minilo type machines.

Données Techniques

Fraise à rainer pour machines portatives Lamello Minilo.



ART. 501

Z=4+4

PART NO	DIA.	KERF	Z	BORE
501-140.004*	140mm	4mm	4+4	1-1/4"
501-140.005*	140mm	5mm	4+4	1-1/4"
501-140.006*	140mm	6mm	4+4	1-1/4"

PART NO. WITH * NORMALLY IN STOCK

Technical Data

Cutterhead for grooves. Constant external diameter.

Données Techniques

Fraise à rainer. Diamètre externe constant.

Adjustable Cutterhead for Grooves (with Shims)

Fraise à rainer réglable avec rondelles d'espacement



ART. 502

PART NO	DIA.	KERF	Z	BORE
502-125.004	125mm	4-7.5mm	8+4	1-1/4"
502-125.008	125mm	8-15mm	4+4	1-1/4"
502-125.015	125mm	15-30mm	4+4	1-1/4"
502-140.004	140mm	4-7.5mm	8+4	1-1/4"
502-140.008*	140mm	8-15mm	4+4	1-1/4"
502-140.015*	140mm	15-30mm	4+4	1-1/4"
502-180.004*	180mm	4-7.5mm	8+4	1-1/4"
502-180.008*	180mm	8-15mm	4+4	1-1/4"
502-180.015*	180mm	15-30mm	4+4	1-1/4"

PART NO. WITH * NORMALLY IN STOCK

Technical Data

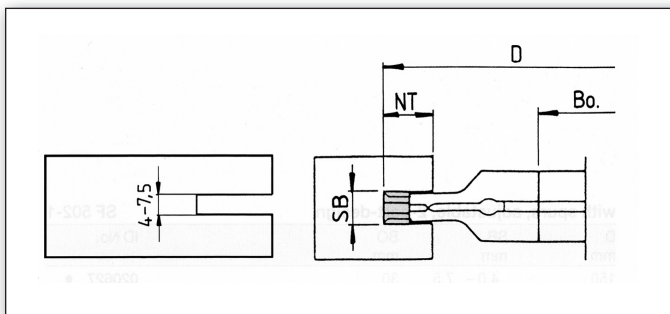
Designed for grooves on any type of material with or without veneering, for hard, glued, and abrasive wood.

Données Techniques

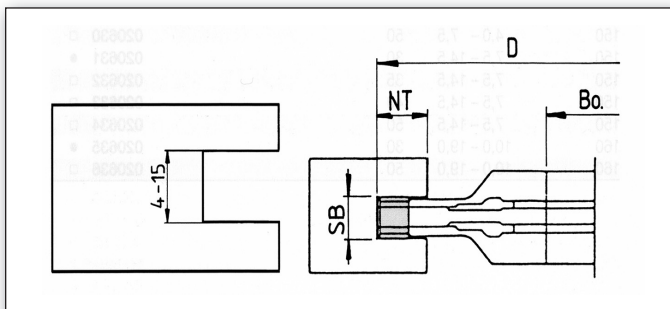
Conçu pour des rainures sur tout type de matériaux avec ou sans placage, pour bois durs, collés et abrasifs.

N.B. Spacers sold separately. Please specify if required.

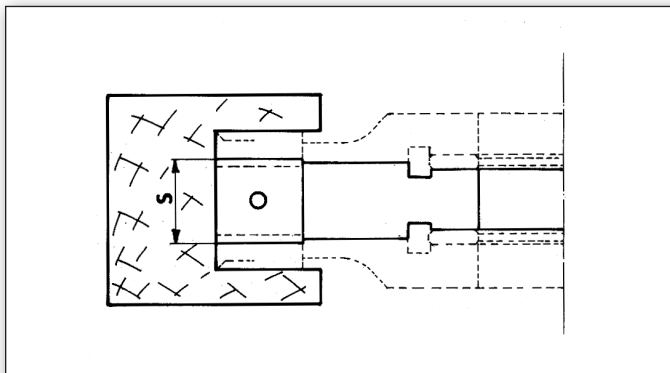
N.B. Entretoises vendues séparément. S'il vous plaît précisez si nécessaire.



2 piece adjustable



Maximum adjustability using extensions.



ART. 502E

PART NO	DIA.	KERF	Z	BORE
502E-125.008	125mm	8mm	2	1-1/4"
502E-125.015	125mm	15mm	2	1-1/4"
502E-140.008	140mm	8mm	2	1-1/4"
502E-140.015	140mm	15mm	2	1-1/4"
502E-180.008	180mm	8mm	2	1-1/4"
502E-180.015	180mm	15mm	2	1-1/4"

PART NO. WITH * NORMALLY IN STOCK

Technical Data

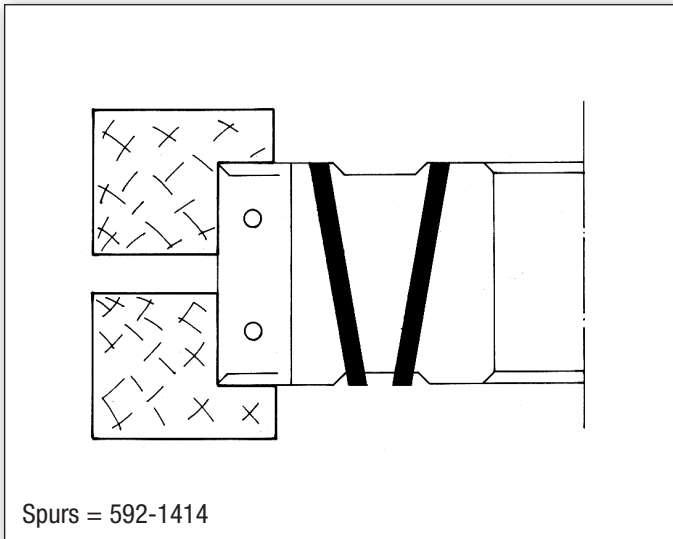
Made for connecting to adjustable cutter Art. 502 (centre element) for increasing groove width. Each section is made with 2 straight cutting edges.

Données Techniques

Fraise supplémentaire à l'art. 502 afin d'accroître les différentes possibilités d'épaisseur de l'outil. Chaque pièce est fabriquée avec deux tranchants droits..

Planing Cutterhead with Disposable Knives (slanted cutting edges)

Porte-outils à calibrer avec couteaux remplaçables et tranchants inclinés.



ART. 513

PART NO.	DIA.	WIDTH	Z	BORE
513-100.4030*	100mm	31mm	4+4	1-1/4"
513-100.4050*	100mm	51mm	4+4	1-1/4"
513-125.4030*	125mm	31mm	4+4	1-1/4"
513-125.4050*	125mm	51mm	4+4	1-1/4"
513-125.4080*	125mm	81mm	4+4	1-1/4"
513-100.4030	100mm	31mm	4+4	30mm
513-100.4050	100mm	51mm	4+4	30mm
513-125.4030*	125mm	31mm	4+4	30mm
513-125.4050*	125mm	51mm	4+4	30mm
513-125.4030*	125mm	31mm	4+4	40mm
513-125.4050*	125mm	51mm	4+4	40mm
513-125.4060	125mm	61mm	4+4	40mm
513-125.4080*	125mm	81mm	4+4	40mm
513-150.4030*	150mm	31mm	4+4	40mm
513-150.4050*	150mm	51mm	4+4	40mm
513-150.4080*	150mm	81mm	4+4	40mm
513-180.4030	180mm	31mm	4+4	40mm
513-180.4050	180mm	51mm	4+4	40mm
513-180.4080	180mm	81mm	4+4	40mm

PART NO. WITH * NORMALLY IN STOCK

* When ordering - specify number of extra knives and bore size.

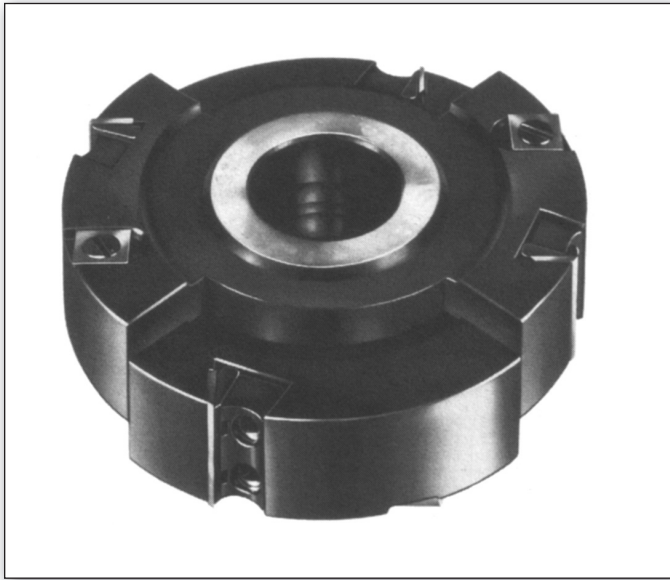
Technical Data

Especially designed for making grooves and rebates. Alternately slanted cutting edges for better end finishing and performance in terms of feed and chip discharge.

Données Techniques

Particulièrement conçu pour effectuer des rainures et des feuillures. Tranchants inclinés alternativement pour obtenir une meilleure finition et une meilleure performance en termes d'avance et de décharge des copeaux.

Adjustable Cutterhead for Grooves and Rebating with Disposable Knives
Porte-outils à rainurer et pour feuillures extensibles avec couteaux remplaçables



ART. 514

PART NO.	DIA.	WIDTH	Z	BORE
514-125.020	125mm	20.5-40mm	4+4	1-1/4"
514-125.030	125mm	30.5-60mm	4+4	1-1/4"
514-125.050	125mm	50.5-100mm	4+4	1-1/4"
514-140.020*	140mm	20.5-40mm	4+4	1-1/4"
514-140.030*	140mm	30.5-60mm	4+4	1-1/4"
514-140.050*	140mm	50.5-100mm	4+4	1-1/4"
514-180.020*	180mm	20.5-40mm	4+4	1-1/4"
514-180.030*	180mm	30.5-60mm	4+4	1-1/4"
514-180.050*	180mm	50.5-100mm	4+4	1-1/4"

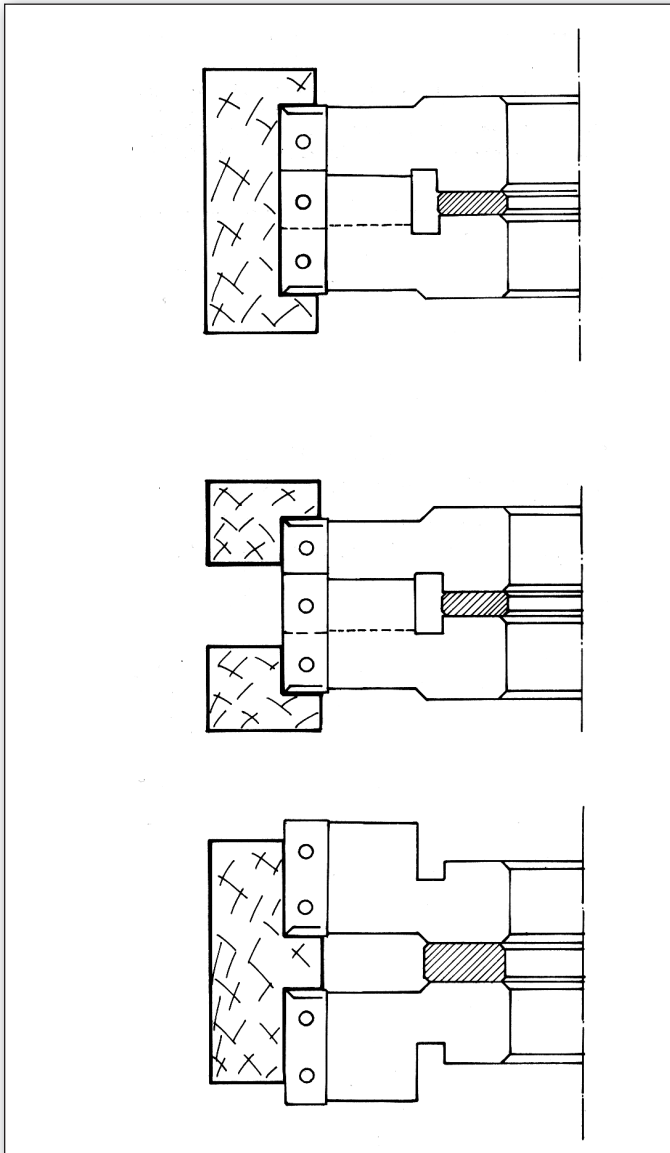
PART NO. WITH * NORMALLY IN STOCK

Technical Data

Constant external diameter because the blade seats are high-precision ground. Made with one upper segment and one lower segment which are ring adjustable. Designed for making grooves, rebates and tenons.

Données Techniques

Diamètre externe constant dû aux emplacements des couteaux rectifiés avec une haute précision. Composé d'un segment supérieur et d'un segment inférieur, réglable par anneaux. Conçu pour la réalisation de rainures, de feuillures et de tenons.

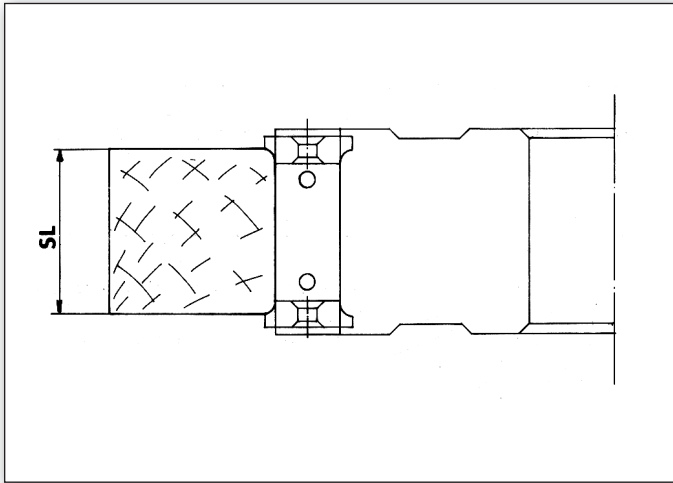


N.B. Spacer/Shims are sold separately as required.

N.B. Les rondelles d'espacement sont vendues séparément sur demande.

Profiling Cutterhead with Disposable Knives and Adjustable Bevellers
Porte-outils à profilage avec couteaux remplaçables et chanfreins réglables

Adjustable Beveling Cutterhead with Disposable Knives
Porte-outils pour chanfrein réglable



ART. 516 MADE TO ORDER

Technical Data

Adjustable corner rounding or beveling cutterhead for 45° bevels or radii from 1.5 to 5mm Radius. The 4 corner removers or bevellers are height adjustable.

Données Techniques

Porte-outils réglable pour des chanfreins ou profilage des panneaux. Chanfreins à 45° ou radial R1.5 à R5 mm. Les quatres chanfriers sont d'une hauteur réglable.



ART. 517

PART NO.	DIA.	WIDTH	Z	BORE
517-155.050*	160mm	50mm	2+2	1-1/4"
517-155.050-40	160mm	50mm	2+2	40mm

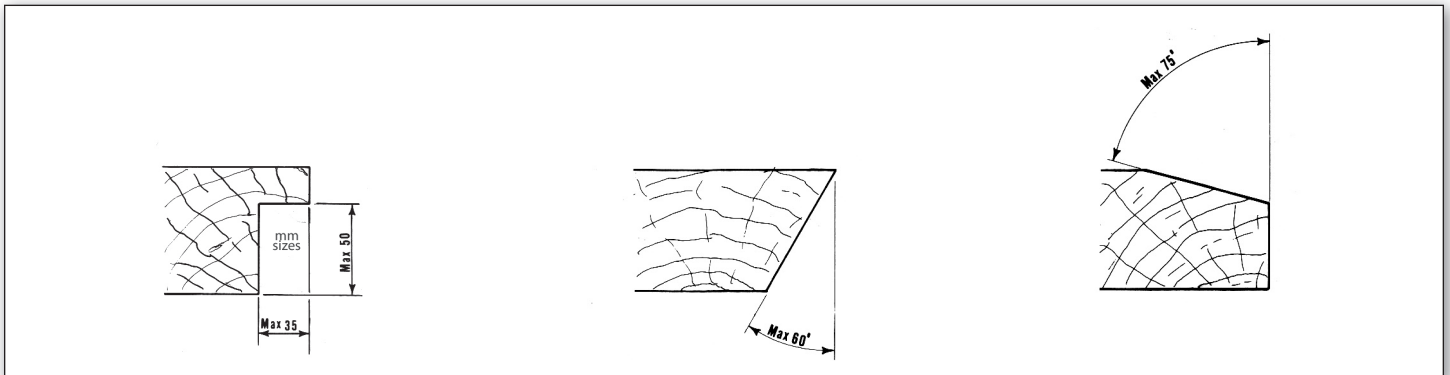
PART NO. WITH * NORMALLY IN STOCK

Technical Data

Adjustable beveling cutterhead for bevels from 0° to 75°. Adjustable by rotating ring dial. Sold with 2 knives and 2 spurs.

Données Techniques

Porte-outils réglable pour des chanfreins de 0° à 75°. Réglable par cadran rotatif. Vendu avec deux couteaux et deux traceurs.



Spurs on cutterhead to make flat rebates. Spurs = 592-0002
 Les traceurs sur des porte-outils permettent des feuillures propres.

Profile cutter with Carbide Inserts for Glue Joints

Porte-outils profilés avec plaquettes de carbure pour des jonctions



ART. 518B

Z=3

PART NO	DIA.	KERF	Z	BORE
518B-120.0302	120mm	30mm	3	1-1/4"
518B-140.0302*	140mm	30mm	3	1-1/4"
518B-140.0402*	140mm	40mm	3	1-1/4"
518B-140.0502*	140mm	50mm	3	1-1/4"

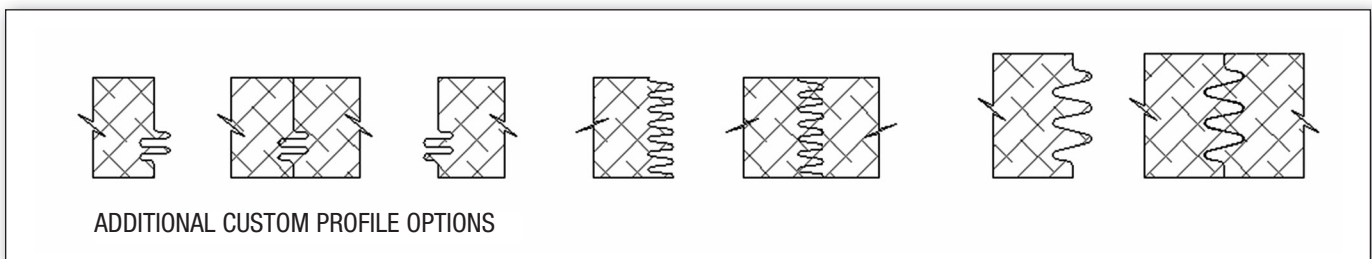
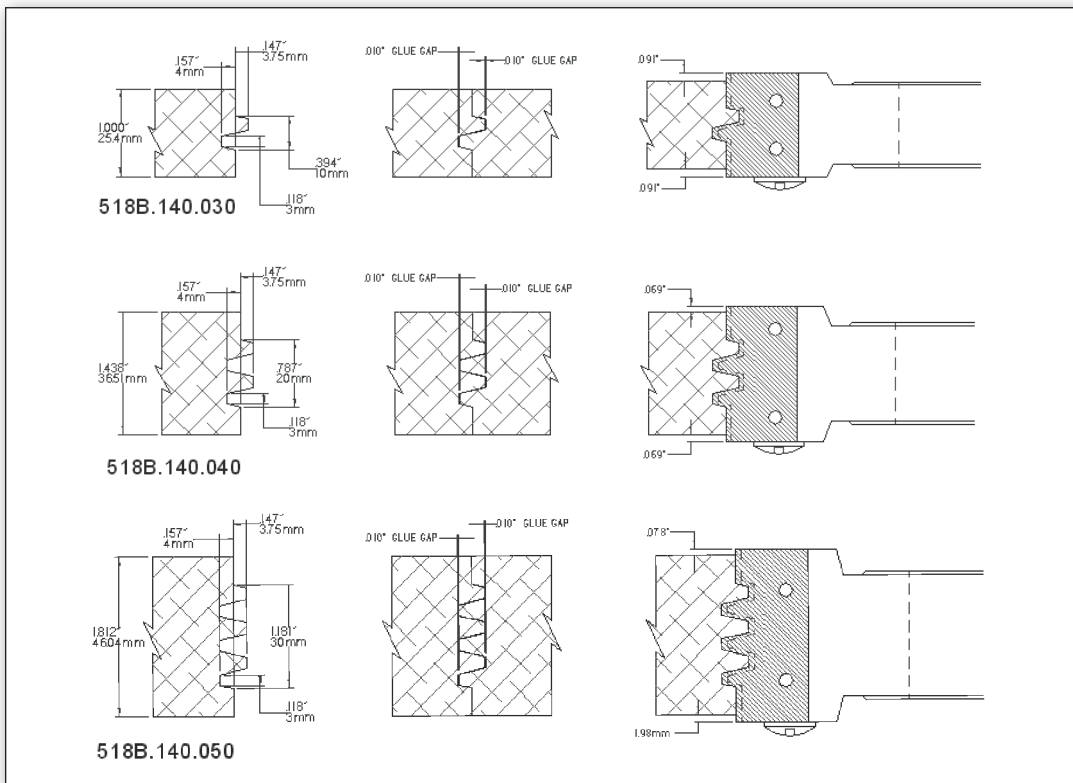
PART NO. WITH * NORMALLY IN STOCK

Technical Data

Cutter with solid carbide profiled inserts for joints.
Made with 2-3-4 straight cutting edges.

Données Techniques

Porte-outils avec plaquettes profilées en carbure pour des jonctions.
Réalisation avec 2-3-4 tranchants droits.



Mitre Lock Profile Cutterhead / Porte-outils pour la coupe d'angle profilé "mitre-lock"



ART. 521

Z=3

PART NO.	DIA.	WIDTH	Z	BORE
521-160.030*	160	15-30	3	1-1/4"

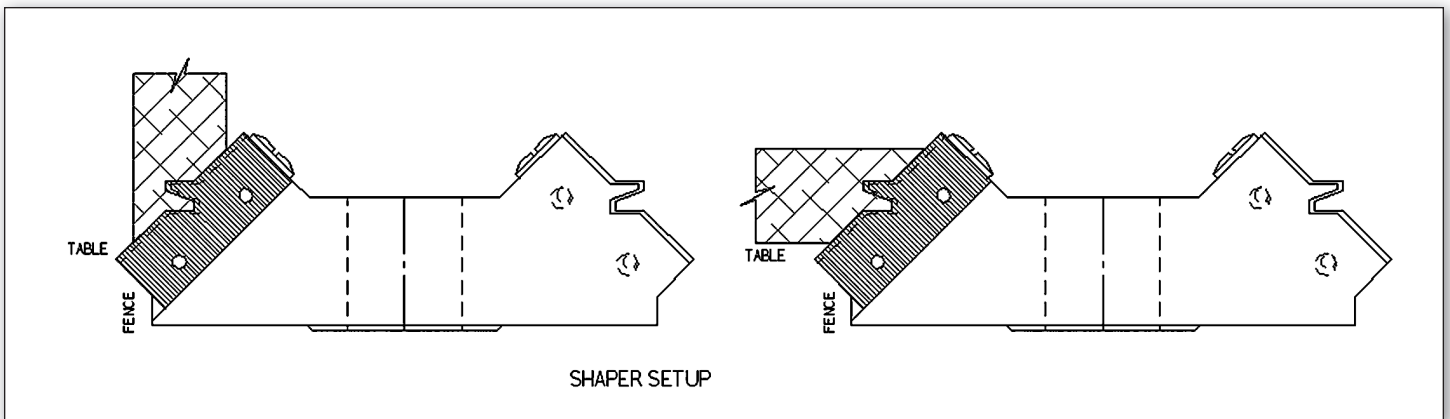
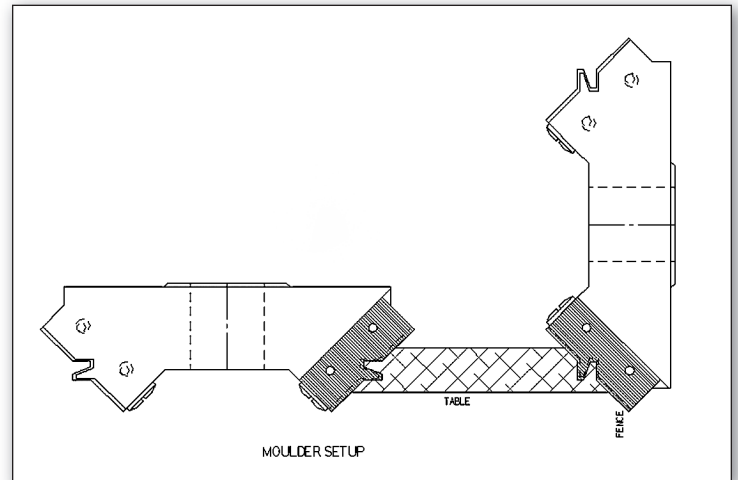
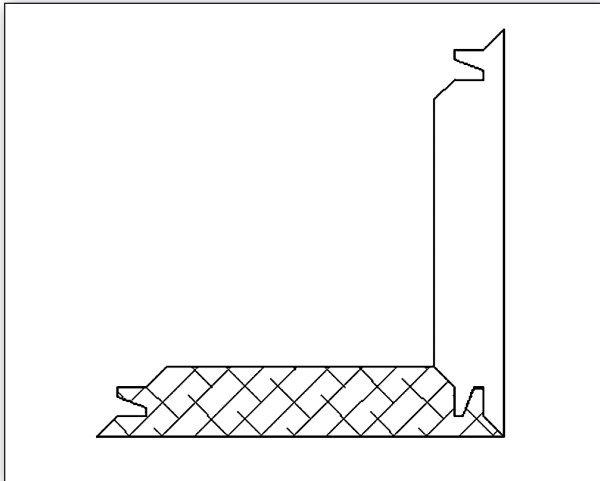
PART NO. WITH * NORMALLY IN STOCK

Technical Data

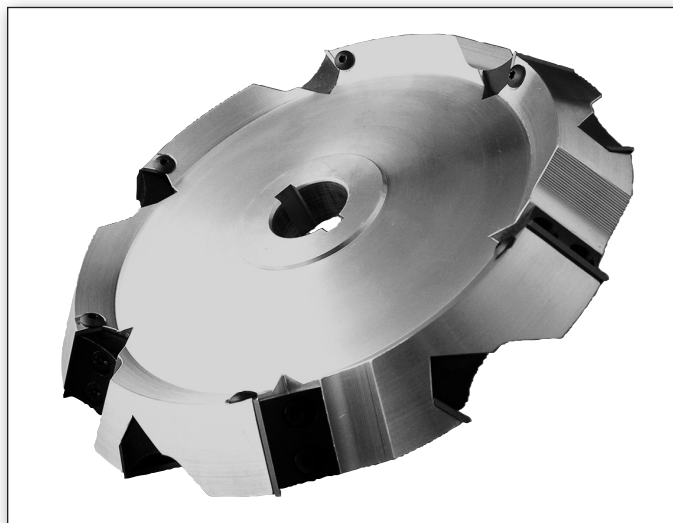
Cutter suited to produce self-locking mitre cut joints. All knives are solid carbide and do not need to be sharpened, so that the profile and diameter of cut are always constant.

Données Techniques

Porte-outils pour la réalisation de jonctions spéciale. Tous les couteaux sont en carbure solide et n'ont pas besoin d'être affûtés, ce qui maintient le profil et le diamètre de coupe toujours constant.



V-Grooving Cutterhead "Folding System" / Fraise à rainurer en V



ART. 522

Z=2+2 Z=4+4 Z=6+6

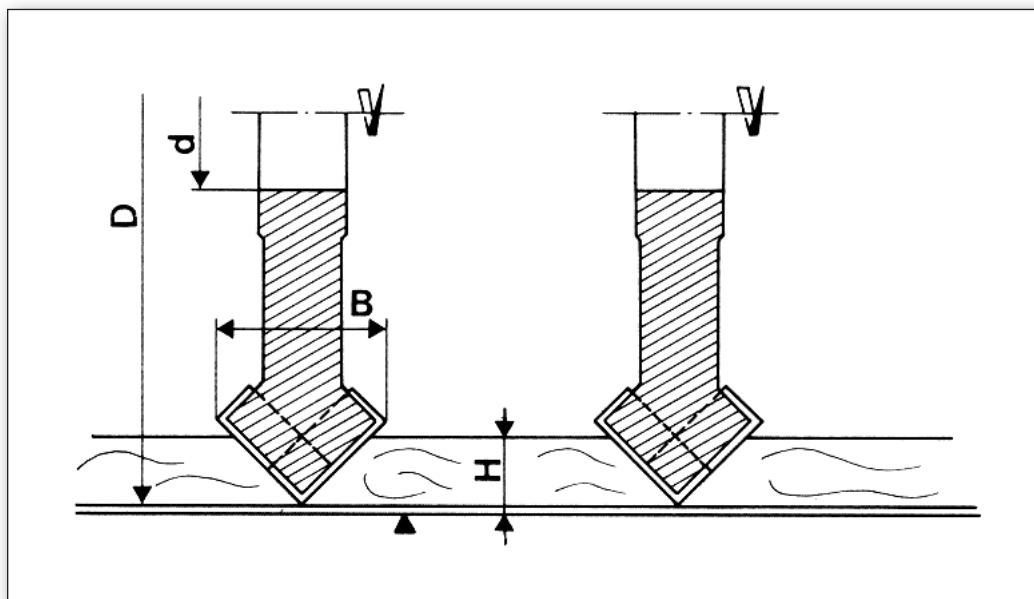
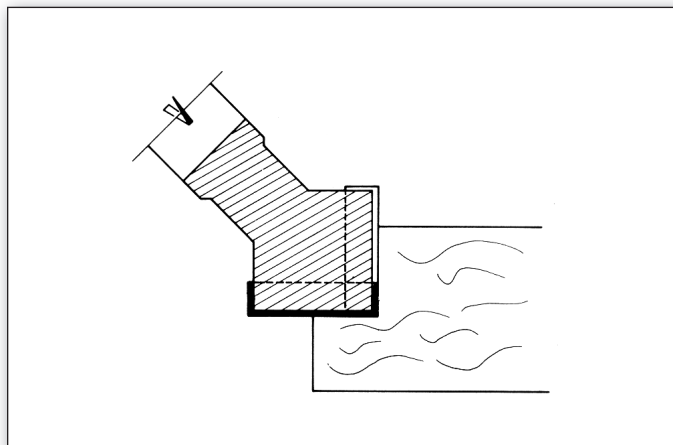
PART NO	DIA.	KERF	Z	BORE
522-200.040	200mm	40mm	2+2	30mm
522-220.070	220mm	70mm	2+2	30mm
522-200.044	200mm	40mm	4+4	30mm

Technical Data

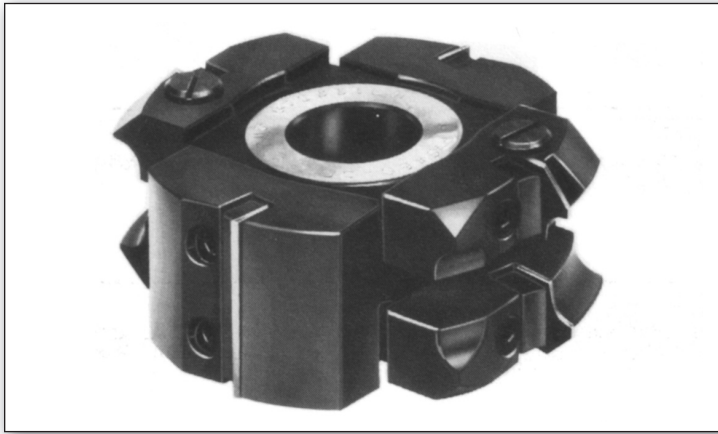
Especially suitable for rebating at a spindle inclination of 45°. Shear cutting action guarantees tear-free edges on melamine-faced particleboards. For use on special V-grooving machines.

Données Techniques

Convient particulièrement à la réalisation de feillures avec une inclinaison du mandrin de 45°. Coupe sans déchirures sur des panneaux de particules et de mélamine. A utiliser sur des machines spéciales à rainurer en V.



Set of Adjustable Cutterheads for Rounding and Bevelling Corners
Lot de porte-outils extensibles pour chanfreiner et arrondir les angles.



ART. 526

Z=2

PART NO.	DIA.	ADJUST	R	MAX. BORE
526-140.002	140	10-60	2	40mm
526-140.004	140	10-60	4	40mm
526-140.006	140	10-60	6	40mm

Technical Data

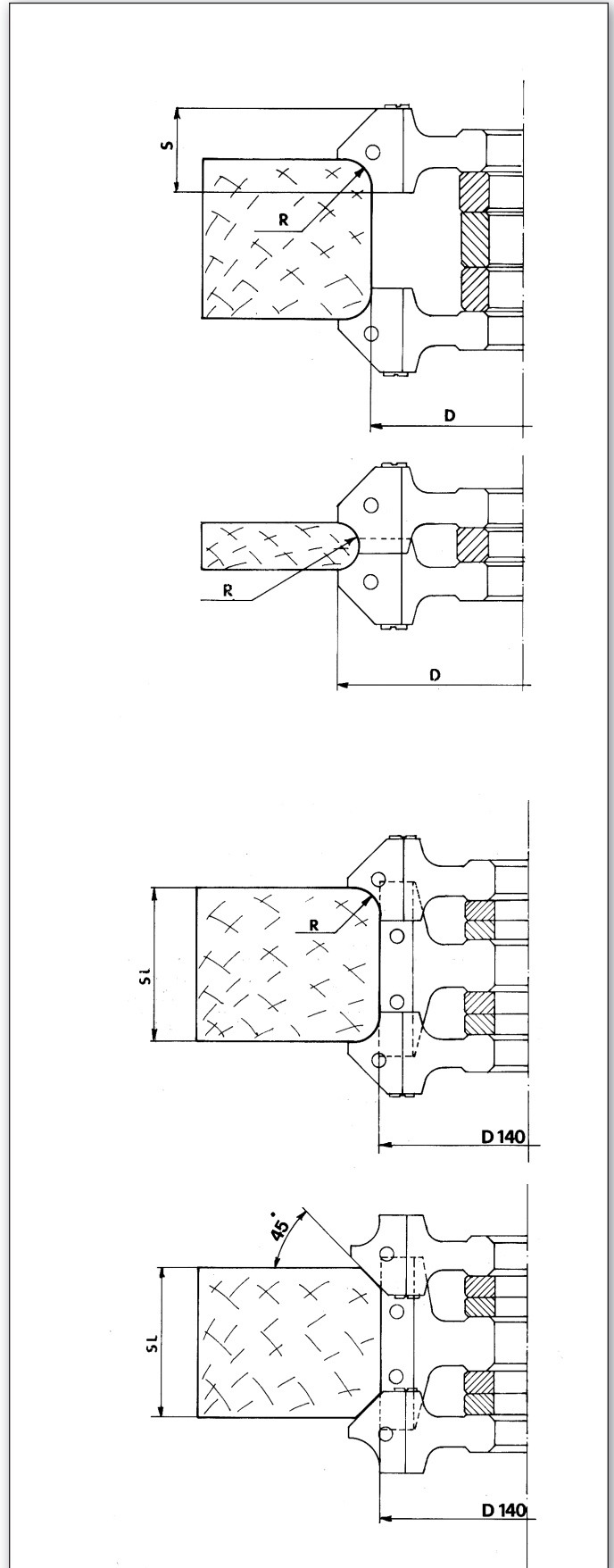
Set of cutterheads with profiled carbide inserts for rounding and bevelling corners. Made with 2 straight cutting edges. Has 2 profiled heads and 1 centre ring-adjustable flat head.

Données Techniques

Lot de porte-outils avec plaquettes en carbure profilées pour chanfreiner et arrondir les angles. Réalisation avec deux tranchants droits. Composé de deux fraises profilées et d'une tête centrale plate réglable par anneaux.

N.B. Spacer/Shims are sold separately as required
N.B. Les rondelles d'espacement sont vendues séparément sur demande.

The heads may also be used individually.
 Les fraises peuvent aussi être utilisées individuellement.



Inter-Locking – Stacking Cutterheads / *Porte-outils empilables*

Planing Heads with Alternate Knives / *Porte-outils à raboter avec couteaux alternés*



ART. 530

Z=3

PART NO.	DIA.	WIDTH	Z	MAX. BORE
530-100.020	100	20	3	35mm
530-100.030	100	30	3	35mm
530-100.050	100	50	3	35mm
530-125.020	125	20	3	35mm
530-125.030	125	30	3	35mm
530-125.050	125	50	3	35mm

When ordering - Specify number of knives and bore requirements.

Technical Data

Especially designed for planing on matching machines and can be coupled to achieve the desired cutting height.

Données Techniques

Les fraises sont spécialement conçues pour le profilage sur des machines à muler et peuvent être couplées pour obtenir la hauteur de coupe désirée.



ART. 531

Z=6

PART NO.	DIA.	LENGTH	Z	MAX. BORE
531-125.095	125	95	6 (6)	40mm
531-125.145	125	145	6 (9)	40mm
531-125.190	125	190	6 (12)	40mm
531-125.240	125	240	6 (15)	40mm

N.B. Other sizes available / *Autres dimensions disponibles.*

Technical Data

Planing heads with alternate knives. For planing soft and hard wood. Standard reversible carbide knives 30x12x1.5

Possibility of multiple combinations.

Also available with 50x12x1.5 knives.

Données Techniques

Porte-outils pour le profilage avec couteaux alternés. À utiliser pour le profilage de bois tendres et durs. Les couteaux réversibles et en carbure sont de taille standard 30x12x1.5

Possibilité de combinaisons multiples.

Des couteaux en 50x12x1.5 sont également disponibles.

“SPIRALEX” Helical Finishing Planing Cutters / Coupe hélicoïdale pour finition “SPIRALEX”



ART. 533 SPIRAL CUTTERHEADS

Z=2+2

STANDARD SIZES - ALUMINUM BODY

Z=3+3

PART NO	DIA.	KERF	Z	BORE
533F-100.060.02B*	100mm	60mm	2+2	1-1/4"
533F-100.060.03B*	100mm	60mm	3+3	1-1/4"
533F-100.100.02B*	100mm	100mm	2+2	1-1/4"
533F-100.100.03B*	100mm	100mm	3+3	1-1/4"
533F-100.150.02B	100mm	150mm	2+2	1-1/4"
533F-100.150.03B	100mm	150mm	3+3	1-1/4"
533F-125.060.03B*	125mm	60mm	3+3	40mm
533F-125.060.03T*	125mm	60mm	3+3	40mm
533F-125.100.03B*	125mm	100mm	3+3	40mm
533F-125.100.03T*	125mm	100mm	3+3	40mm
533F-125.150.03B*	125mm	150mm	3+3	40mm
533F-125.150.03T*	125mm	150mm	3+3	40mm
533F-125.230.03B*	125mm	230mm	3+3	40mm
533F-125.230.03T*	125mm	230mm	3+3	40mm
533F-125.240.03B	125mm	240mm	3+3	40mm
533F-125.240.03T	125mm	240mm	3+3	40mm
533F-140.060.03B*	140mm	60mm	3+3	40mm
533F-140.060.03T*	140mm	60mm	3+3	40mm
533F-140.100.03B*	140mm	100mm	3+3	40mm
533F-140.100.03T*	140mm	100mm	3+3	40mm
533F-140.150.03B*	140mm	150mm	3+3	40mm
533F-140.150.03T*	140mm	150mm	3+3	40mm
533F-140.240.03B*	140mm	240mm	3+3	40mm
533F-140.240.03T*	140mm	240mm	3+3	40mm
533F-140.270.03B	140mm	270mm	3+3	40mm

PART NO. WITH * NORMALLY IN STOCK

COMPONENTS

PART NO.	DIMENSIONS	APPLICATION
592-0007	15 x 15 x 2.5	Finishing
582-KEY-M3.0L	T20	Torx Wrench
580.SHD-M5014.AOBT20		Replacement Screws

Technical Data

Helical cutterheads for planing, tenoning and rebating ensure your machinery operates at the minimum noise level possible. Manufactured from a low weight special alloy resulting in less energy requirements. (Also available in steel construction)

Données Techniques

Têtes hélicoïdales pour raboter, tenoner et feuillurer permet de réduire et au minimum le niveau sonore de votre machine. Fabriquées adartir d'un alliage léger. Permettant une économie d'énergie. Aussi disponible en acier.

**“SPIRALEX” Helical Finishing Planing Cutters / Coupe hélicoïdale pour finition “SPIRALEX”
for Powerlock system pour système Powerlock**



**ART. 533P for WEINIG POWERMAT® Z=2+2
WITH INTEGRATED POWERLOCK TOOLHOLDER**

PART NO	DIA.	LENGTH	BORE	WINGS
533P-100.060.2B	100	60	HSK80	2+2
533P-100.060.2T	100	60	HSK80	2+2
533P-100.080.2B	100	80	HSK80	2+2
533P-100.080.2T	100	80	HSK80	2+2
533P-100.100.2B	100	100	HSK80	2+2
533P-100.100.2T	100	100	HSK80	2+2
533P-100.130.2B	100	130	HSK80	2+2
533P-100.130.2T	100	130	HSK80	2+2
533P-100.150.2B	100	150	HSK80	2+2
533P-100.150.2T	100	150	HSK80	2+2
533P-100.180.2B	100	180	HSK80	2+2
533P-100.180.2T	100	180	HSK80	2+2
533P-100.240.2B	100	240	HSK80	2+2
533P-100.240.2T	100	240	HSK80	2+2

Technical Data

Helical cutterheads for planing, tenoning and rebating ensure your machinery operates at the minimum noise level possible. Available only in steel construction.

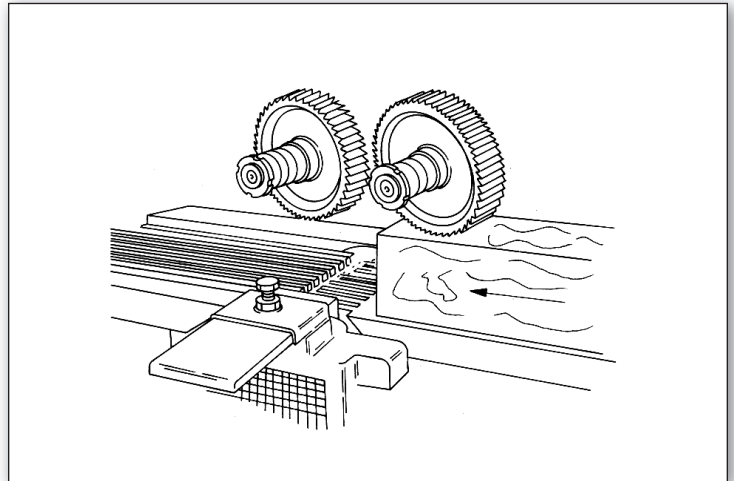
Integrated with HSK80W toolholder to fit Powerlock System.

Données Techniques

Têtes hélicoïdales pour raboter, tenoner et feuillurer permet de réduire et au minimum le niveau sonore de votre machine. Disponible en acier seulement.

Complet avec mandrin porte-utils HSK80W pour Système Powerlock.

Set of Cutterheads for Matching Machine Scoring
Lot de porte-outils pour machines à mouler et inciser



ART. 536

Z=2+2

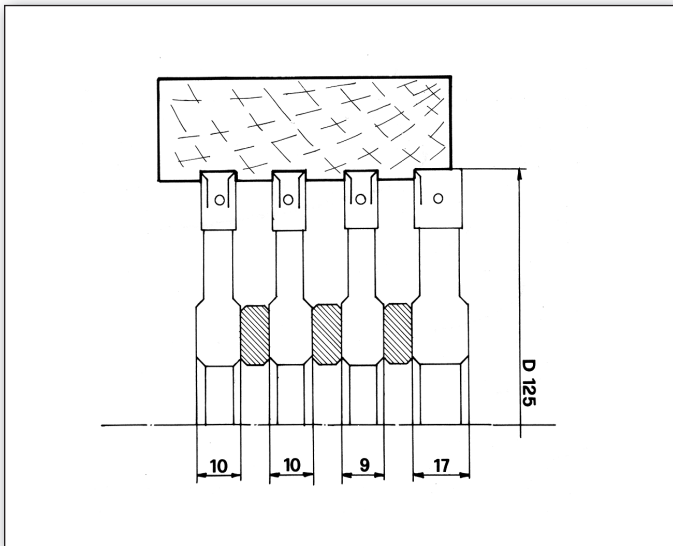
PART NO.	DIA.	WIDTH	Z	MAX. BORE
536-125.009	125	9	2+2+2	40mm
536-125.010	125	10	2+2+2	40mm
536-125.017	125	17	2+2	40mm

Technical Data

Made with two straight cutting edges and two engravers. The disposable blades are reversible for making grooves with the matching machine assuring perfect guiding during machining. For "WEINIG" machine.

Données Techniques

Réalisation avec deux tranchants droits et deux traceurs. Les couteaux remplaçables sont réversibles pour effectuer des rainures avec une machine à mouler assurant ainsi un guidage parfait pendant le travail. Pour des machines "WEINIG".



ART. 537

Z=2+2

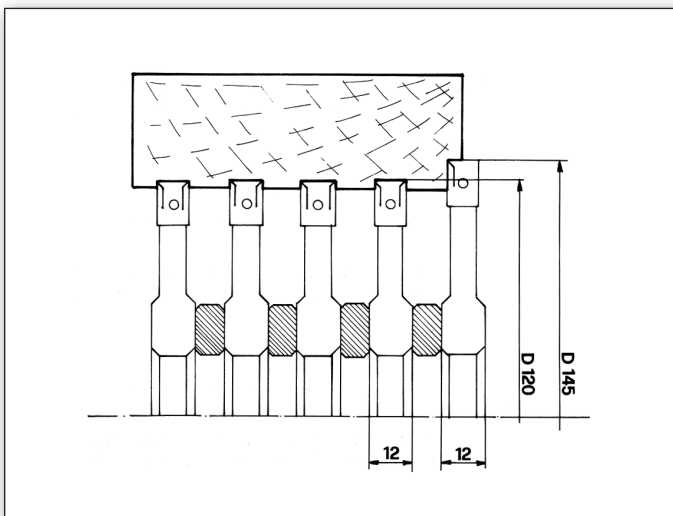
PART NO.	DIA.	WIDTH	Z	MAX. BORE
537-120.012	120	12	2+2+2	40mm
537-145.012	145	12	2+2+2	40mm
537-145.020	145	12	2+2	40mm

Technical Data

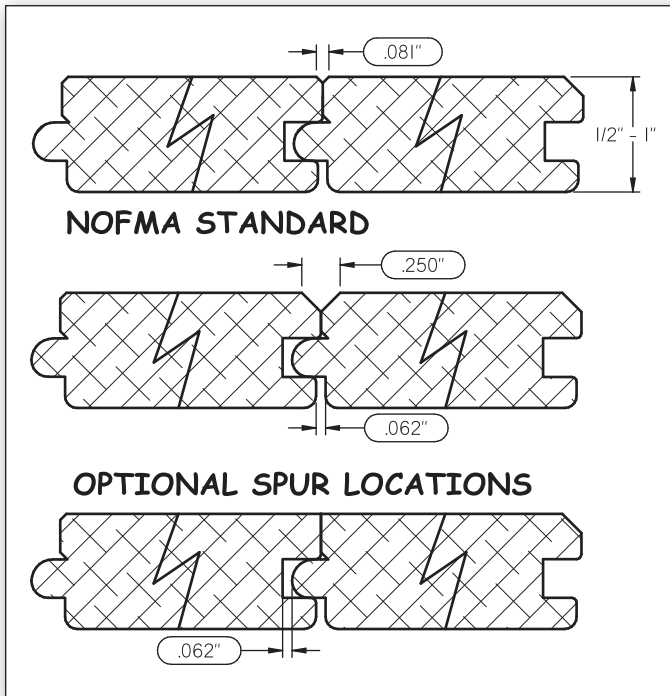
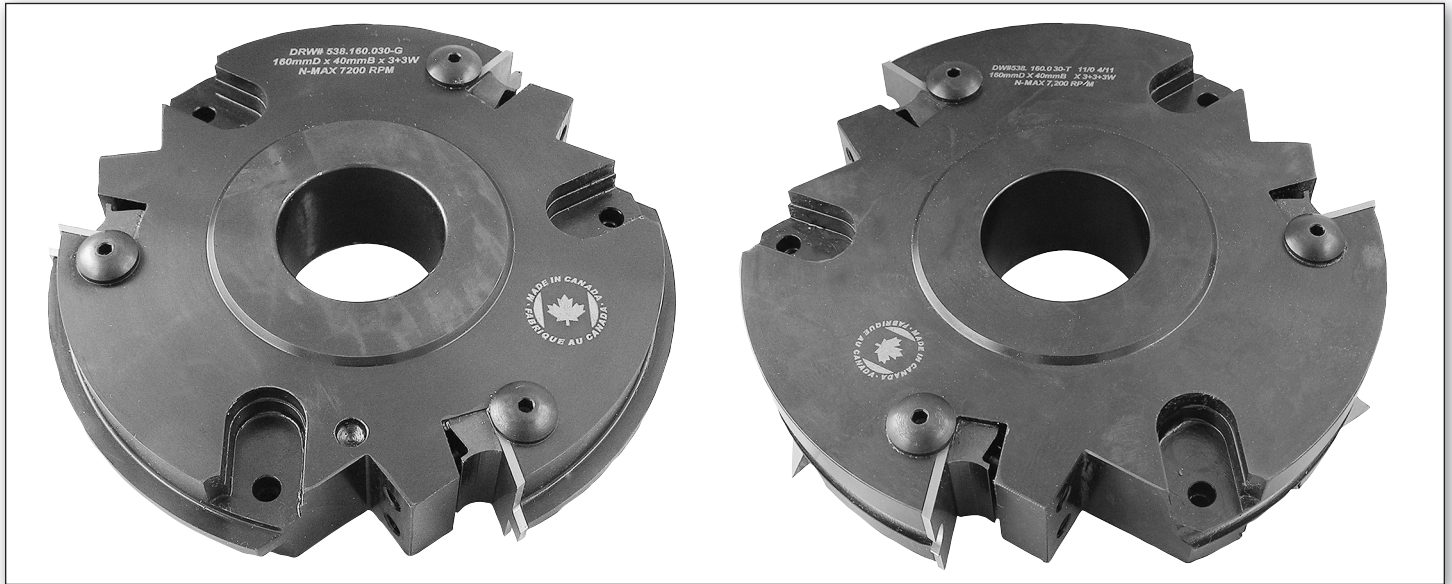
Made with two straight cutting edges and two engravers. The disposable blades are reversible for making grooves with the matching machine assuring perfect guiding during machining. For "SCM" machine.

Données Techniques

Réalisation avec deux tranchants droits et deux traceurs. Les couteaux remplaçables sont réversibles pour effectuer des rainures avec une machine à mouler assurant ainsi un guidage parfait pendant le travail. Pour des machines "SCM".



Adjustable Tongue and Groove Cutterheads
Porte-outils extensibles pour lambris et parquets.



ART. 538

PART NO.	DIA.	WIDTH	Z	BORE
538-160.030-G*	160	30	3+3	40mm
538-160.030-T*	160	30	3+3	40mm
538-160.030-GFD*	160	30	3+3	40mm
538-160.030-TFD*	160	30	3+3	40mm

PART NO. WITH * NORMALLY IN STOCK

Technical Data

Cutterheads with disposable inserts. Made with 3 cutting edges and 3 bevellers for use on matching machines.

Made in 2 rotations: Face up (G+T) and Face down (GFD+TFD)

Données Techniques

Porte-outils avec couteaux remplaçables. Réalisés avec 3 tranchants et 3 chanfreins pour une utilisation sur une machine à moulurer.

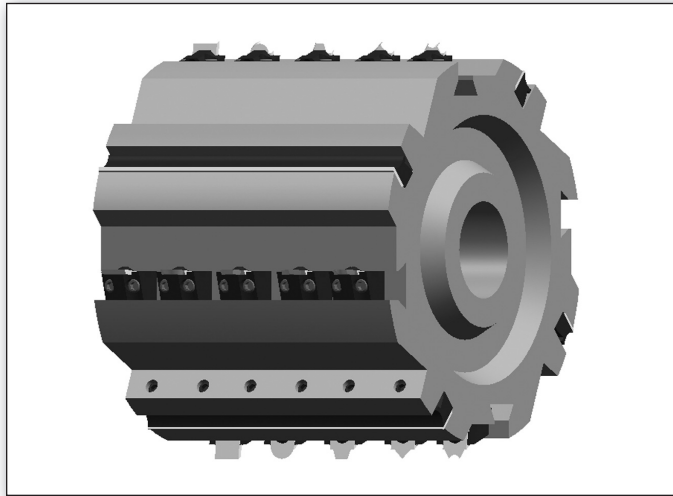
Disponible en 2 rotations.

N.B. Spacer/Shims are sold separately as required

N.B. Des tailles supplémentaires sont disponibles.

Combination Head for Planing + Back Relief on Hardwood Flooring

Combinaison de porte-outils à raboter et à dégagement arrière



ART. 539

PART. NO.	DIA.	C. E. L.	Z	MAX. BORE
539-125.10	125	100	3+3	40mm
539-125.23	125	230	3+3	40mm
539-140.23	140	230	3+3	50mm

Technical Data

Insert head to cut relief or backout for flooring.

Combines reversible insert knives for planing with movable profiled inserts in the same head.

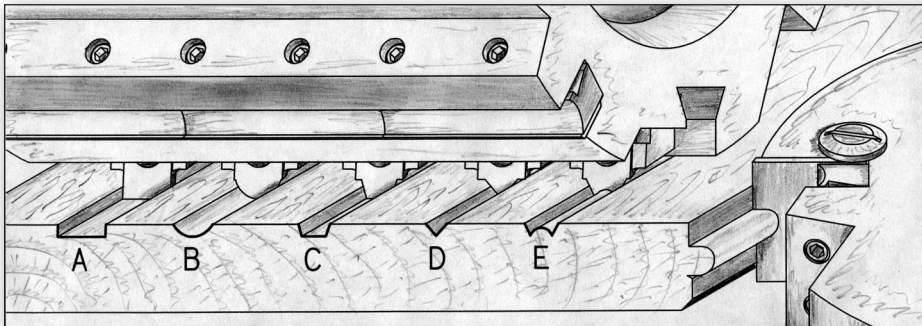
Each head can be fitted with profiles as shown below. Other profiles available.

Données Techniques

Porte-outils pour planchers et rabotage avec couteaux profilés

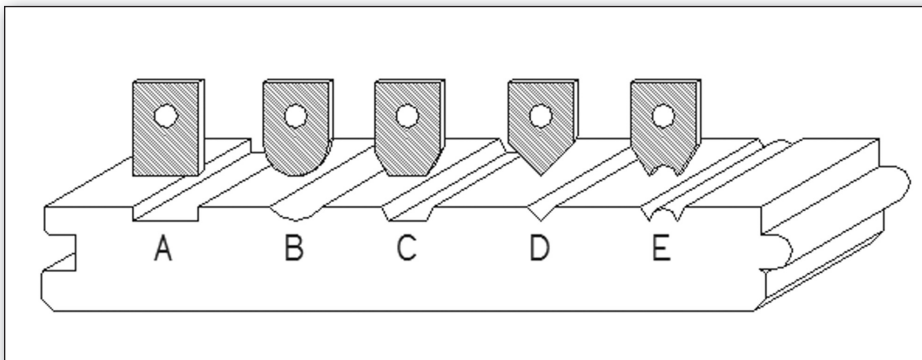
reversibles mobile. Possibilité de combinaison multiples montrer en bas.

Autres profiles disponibles.



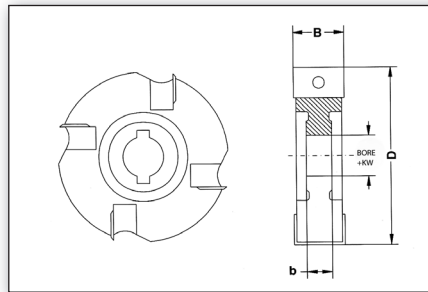
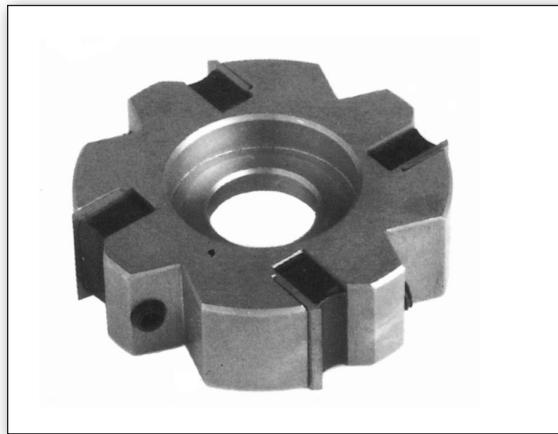
Use this head in combination with flooring side heads Art. 538 (page 17) and a "Spiralex" head to size the material Art. 533 (page 14)

Ils sont aussi utiliser avec porte-outils a lambris Art. 538 (page 17) et porte-outils "Spiralex" pour raboter a l'épaisseur desirer Art. 533 (page 14)

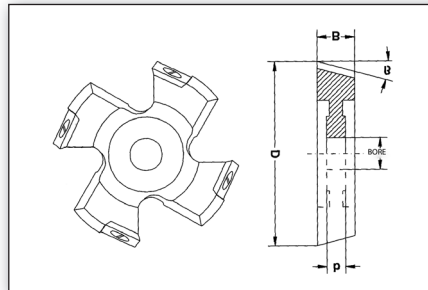


Maximum profile depth 5/16", maximum profile width 3/4".

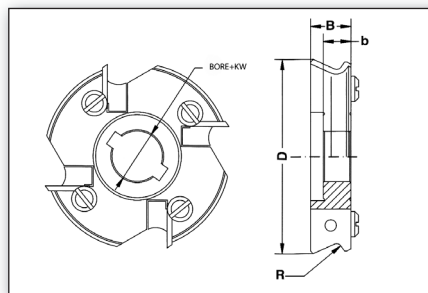
Edge Trimming Cutterhead with Turnover Knives
Porte-outils à ébarbage avec couteaux réversibles



ART. 540



ART. 541



ART. 542

For Straight Knives, Refer to Art. #590

For Radius Knives, Refer to Art. #600

Technical Data

Cutterhead with carbide inserts for trimming and chamfering panels edged with solid wood or various types of laminations, for single or double sided machines.

Données Techniques

Porte-outils avec couteaux en carbure pour ébarber et chanfreiner les panneaux bordés de bois massifs ou de différents types de laminage, pour machines à ébarber simples ou doubles.

Diamond Cutterheads for Edge Banding Machines
Fraises en diamant pour machines a border



ART. DIA-EBJ

PART NO	DIA.	KERF	Z	BORE	b1	b2	TH	HUB
DIA-EBJ07041610*	70mm	10mm	4	16mm	5mm	2mm	11mm	B
DIA-EBJ08033045	80mm	45mm	3x4	30mm	8mm	3mm	53mm	B
DIA-EBJ10033045	100mm	45mm	3x4	30mm	8mm	3mm	75mm	B
DIA-EBJ10023048L*	100mm	48mm	2x4	30mm	8mm	3mm	25mm	A
DIA-EBJ10023048R*	100mm	48mm	2x4	30mm	8mm	3mm	25mm	A
DIA-EBJ10033048L*	100mm	48mm	3x4	30mm	8mm	3mm	40mm	C
DIA-EBJ10033048R*	100mm	48mm <td 3x4	30mm	8mm	3mm	40mm	C	
DIA-EBJ10033063L*	100mm	63mm	3x6	30mm	8mm	3mm	25mm	C
DIA-EBJ10033063R*	100mm	63mm	3x6	30mm	8mm	3mm	25mm	C
DIA-EBJ10033065*	100mm	65mm	3x4	30mm	8mm	3mm	75mm	B
DIA-EBJ12533034L*	125mm	34mm	3x4	30mm	8mm	3mm	37mm	A
DIA-EBJ12533034R*	125mm	34mm	3x4	30mm	8mm	3mm	37mm	A
DIA-EBJ12533043L*	125mm	43mm	3x4	30mm	8mm	3mm	40mm	A
DIA-EBJ12533043R*	125mm	43mm	3x4	30mm	8mm	3mm	40mm	A
DIA-EBJ12533063L*	125mm	63mm	3x6	30mm	8mm	3mm	40mm	C
DIA-EBJ12533063R*	125mm	63mm	3x6	30mm	8mm	3mm	40mm	C

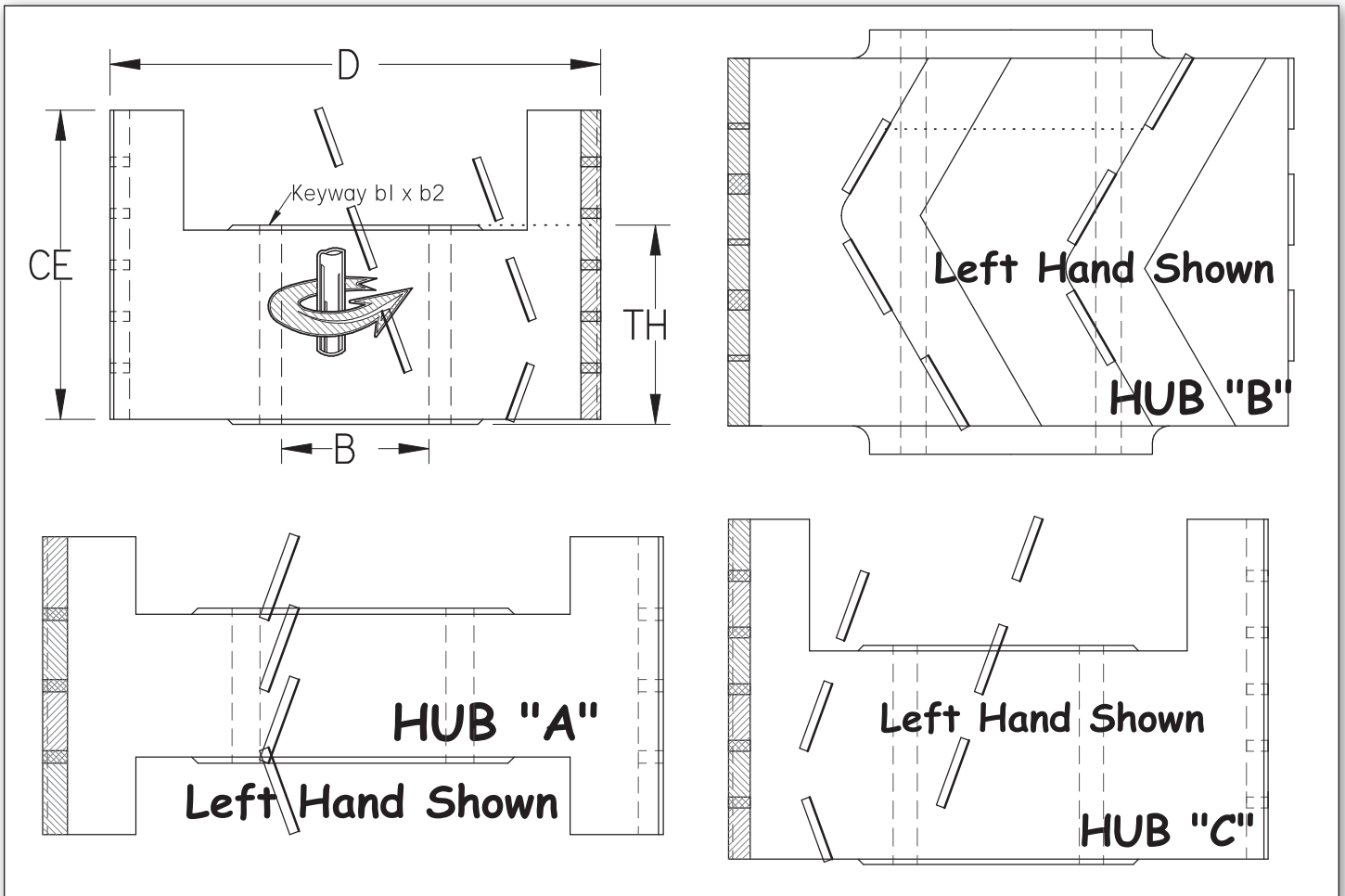
Technical Data:

Diamond tipped cutterhead for edge banding machines.

Données Techniques

Fraises en diamant pour machines a border

PART NO. WITH * NORMALLY IN STOCK



Diamond Cutterheads for Chamfering on Edge Banding Machines
Fraises en diamant pour chaner pour machines a border



ART. DIA-EBJ - STRAIGHT

PART NO	DIA.	KERF	Z	BORE	TH
DIA-EBJ07042508L	70	8	4	HSK25	22
DIA-EBJ07042508R	70	8	4	HSK25	22
DIA-EBJ07042515L	70	15	4	HSK25	22
DIA-EBJ07042515R	70	15	4	HSK25	22
DIA-EBJ07062508L	70	8	6	HSK25	22
DIA-EBJ07062508R	70	8	6	HSK25	22
DIA-EBJ07062515L	70	15	6	HSK25	22
DIA-EBJ07062515R	70	15	6	HSK25	22
DIA-EBJ07032525L	70	25	3+3+3	HSK25	27
DIA-EBJ07032525R	70	25	3+3+3	HSK25	27

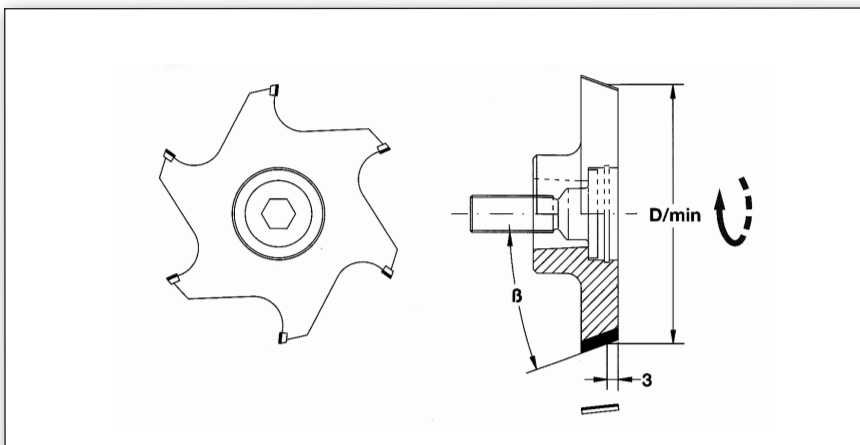
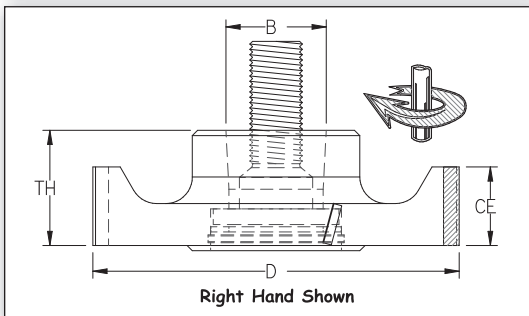
PART NO. WITH * NORMALLY IN STOCK

Technical Data:

*Diamond tipped cutterhead for chamfering on edge banding machines.
 Straight profile*

Données Techniques

Fraises pour chaner pour machines a border en Diamant. Profile droit.



ART. DIA-EBC - BEVELED

Technical Data:

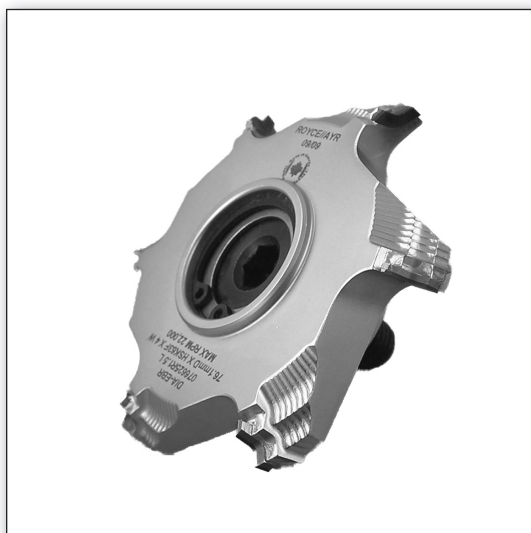
Diamond tipped cutterhead for bevelling on edge banding machines. Beveled profile

Données Techniques

Fraises en diamant pour chanfrer pour machines a border. Profile en angle.

PART NO	DIA.	KERF	ANGLE	BORE	Z	HUB WIDTH
DIA-EBC073425A20L	73	6	20	HSK25	4	23.0
DIA-EBC073425A20R	73	6	20	HSK25	4	23.0
DIA-EBC075425A45L	75	8	45	HSK25	4	23.0
DIA-EBC075425A45R	75	8	45	HSK25	4	23.0
DIA-EBC063432A05L	62.8	6	5	HSK25	4	17.5
DIA-EBC063432A05R	62.8	6	5	HSK25	4	17.5
DIA-EBC064432A20L	64	6	20	HSK25	4	17.5
DIA-EBC064432A20R	64	6	20	HSK25	4	17.5
DIA-EBC066432A30L	66.3	6	30	HSK25	4	17.5
DIA-EBC066432A30R	66.3	6	30	HSK25	4	17.5
DIA-EBC074432A45L	73.6	6	45	HSK25	4	17.5
DIA-EBC074432A45R	73.6	6	45	HSK25	4	17.5

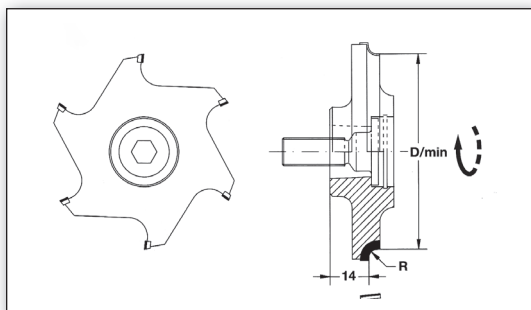
Diamond Cutterheads for Edge Banding Machines
Fraises en diamant pour machines a border



ART. DIA-EBR - SINGLE RADIUS

PART NO	DIA.	BORE	Z	RAD
DIA-EBR056416R3L	55.5	16+2Kw	2	3
DIA-EBR056416R3R	55.5	16+2Kw	2	3
DIA-EBR057216R2L	57	16+2Kw	2	2
DIA-EBR057216R2R	57	16+2Kw	2	2
DIA-EBR074432R3L	74	HSK32	2	3
DIA-EBR074432R3R	74	HSK32	2	3
DIA-EBR076625R15L	76	HSK25	6	1.5
DIA-EBR076625R15R	76	HSK25	6	1.5
DIA-EBR079425R3L	78	HSK25	4	3
DIA-EBR079425R3R	78	HSK25	4	3
DIA-EBR079625R3L	78	HSK25	6	3
DIA-EBR079625R3R	78	HSK25	6	3
DIA-EBR080416R3R	80	16+2Kw	4	3
DIA-EBR080416R3L	80	16+2Kw	4	3
DIA-EBR084425R2L	84	HSK25	4	2
DIA-EBR084425R2R	84	HSK25	4	2
DIA-EBR084425R3L	84	HSK25	4	3
DIA-EBR084425R3R	84	HSK25	4	3

PART NO. WITH * NORMALLY IN STOCK

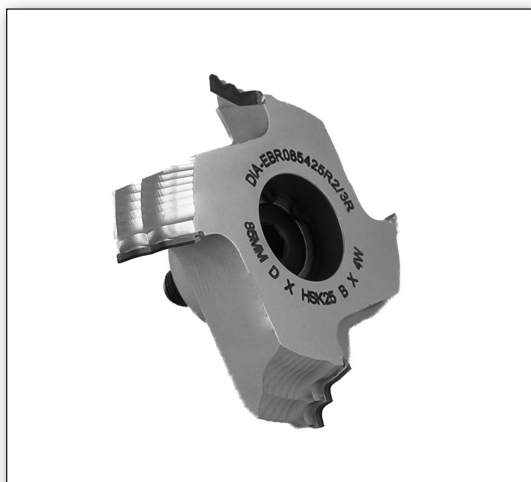


Technical Data:

Diamond tipped cutterhead for finishing on edge banding machines. Radius profile.

Données Techniques

Fraises en diamant pour chanfrer pour machines a border. Profile en rayon.



ART. DIA-EBR - DOUBLE RADIUS

PART NO	DIA.	BORE	Z	RAD
DIA-EBR085425R2/3.L	85	HSK25	4	2,3
DIA-EBR085425R2/3.R	85	HSK25	4	2,3

Insert Cutterheads for Cabinet Door Profiles

Porte-outils à couteaux pour les profils de portes de meubles

ART. 552 + ART. 553 – Cabinet Door Sets “MULTI-PROFILE”



Technical Data

Insert tool sets consisting of 4 cutterheads capable of holding different profiled knives to give flexibility in designing various combinations of Cope, Rail, Panels and outside edges for cabinet doors.

Each cutter is supplied with a set of profiled knives installed; additional knives or other profiles may be ordered separately.

Données Techniques

Ensemble d'outils à couteaux de 4 fraises, capables d'avoir différents profils de couteaux donnant ainsi plus de flexibilité dans la conception de diverses combinaisons de panneaux pour des portes de meubles. Chaque fraise est fournie avec un lot de couteaux profilés et installés. Des couteaux ou des profils supplémentaires peuvent être commandés séparément.

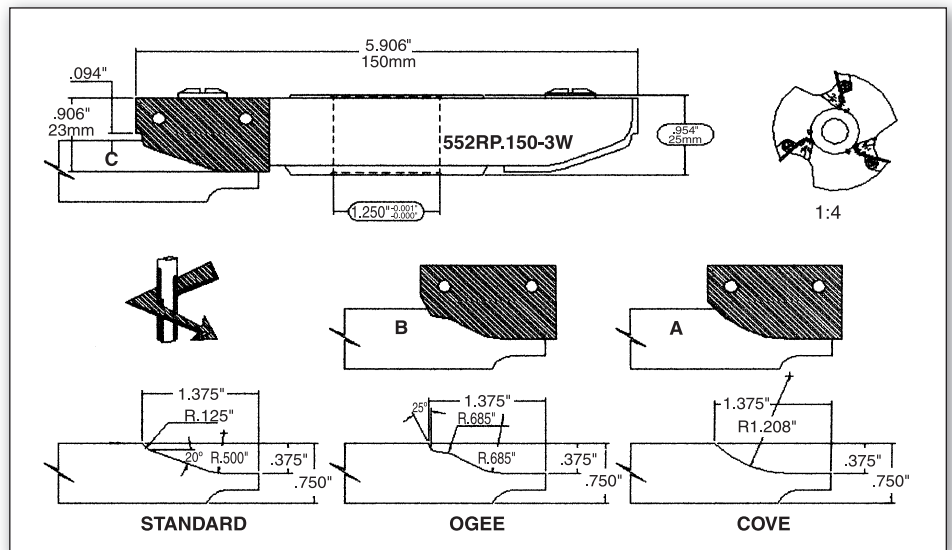
PART NO. WITH * NORMALLY IN STOCK

RAISED PANEL CUTTER

PART NO.
552RP.150-3W*

INSERTS:

PART NO.
158-552RP.150-3W-A*
158-552RP.150-3W-B*
158-552RP.150-3W-C*



For matching ball bearing rub collar see page 48 - #586RC-B325-125

Pour des bagues roulement correspondants voie page 48 - #586RC-B325-125

Insert Cutterheads for Cabinet Door Profiles

Porte-outils à couteaux pour les profils de portes de meubles

RAIL CUTTER

PART NO.

553P.120-3W*

INSERTS:

PART NO.

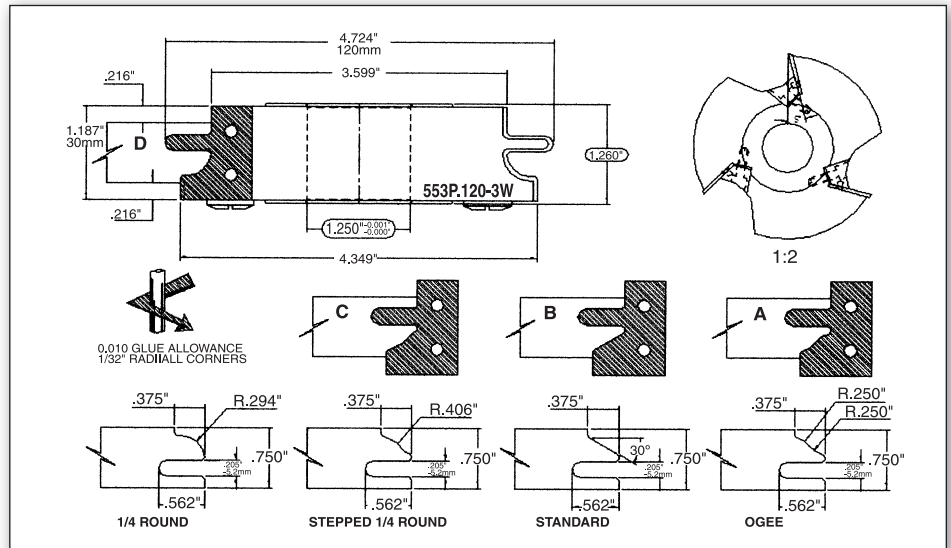
158-553P.120-3W-A*

158-553P.120-3W-B*

158-553P.120-3W-C*

158-553P.120-3W-D*

158-553P.120-3W-E*



COPE CUTTER

PART NO.

553CP.120-4W*

INSERTS:

PART NO.

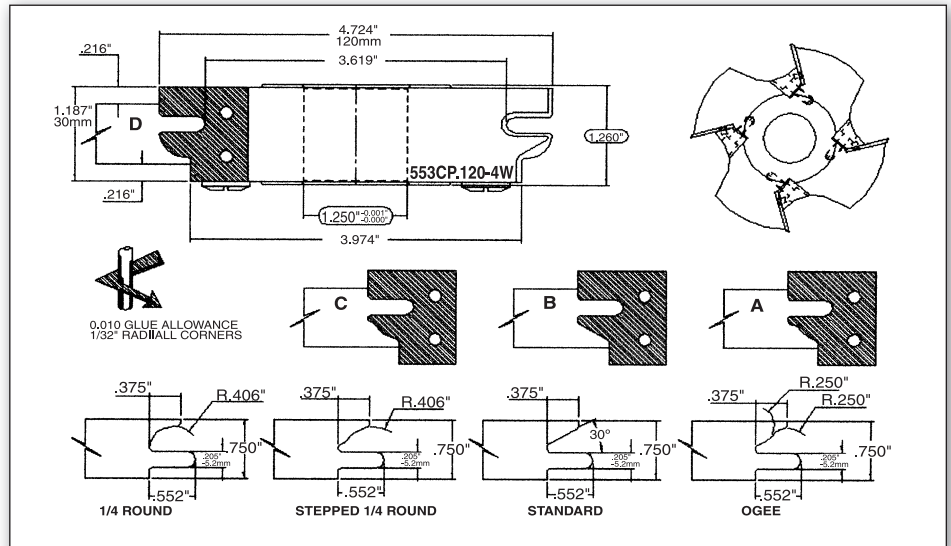
158-553CP.520-A*

158-553CP.520-B*

158-553CP.520-C*

158-553CP.520-D*

158-553CP.120-E*



SHAKER

PART NO.

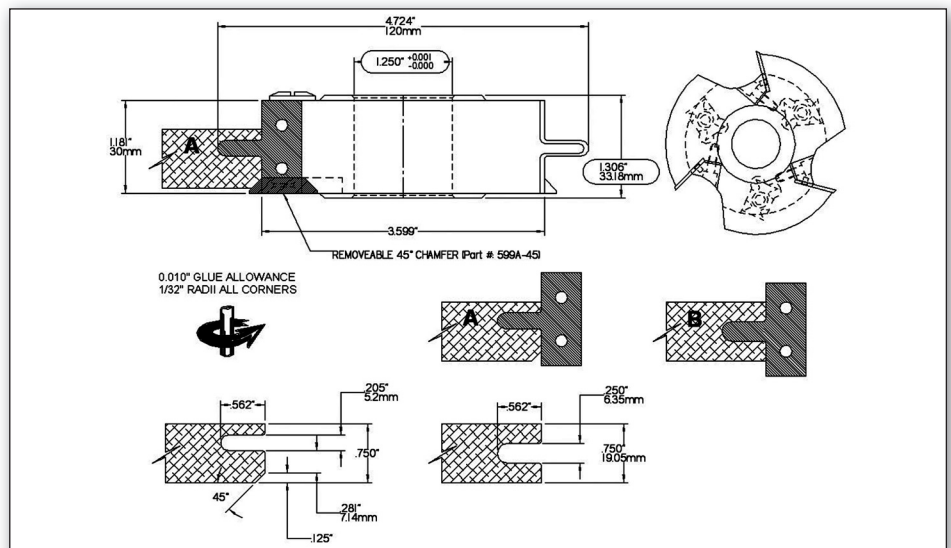
553S.120-3W*

INSERTS:

PART NO.

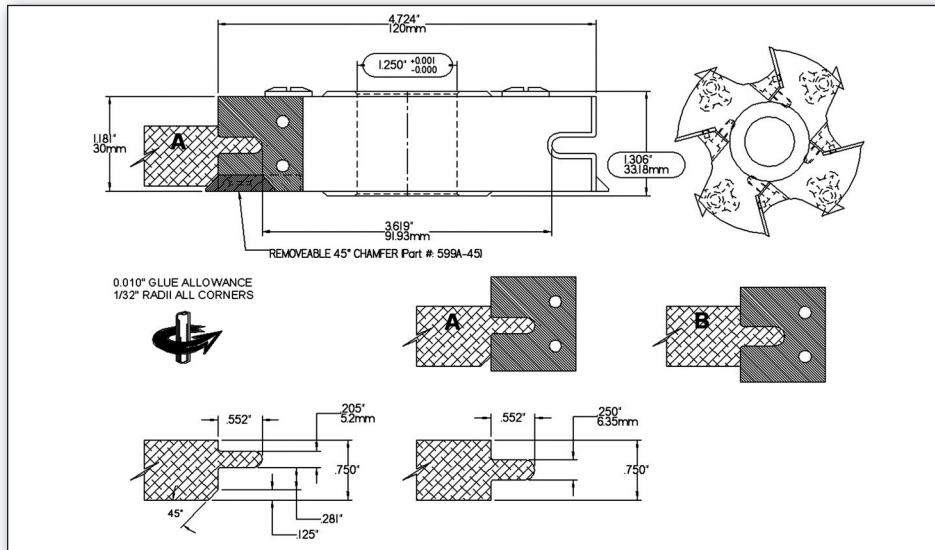
158-553S.120-3W-A*

158-553S.120-3W-B*



Insert Cutterheads for Cabinet Door Profiles

Porte-outils à couteaux pour les profils de portes de meubles

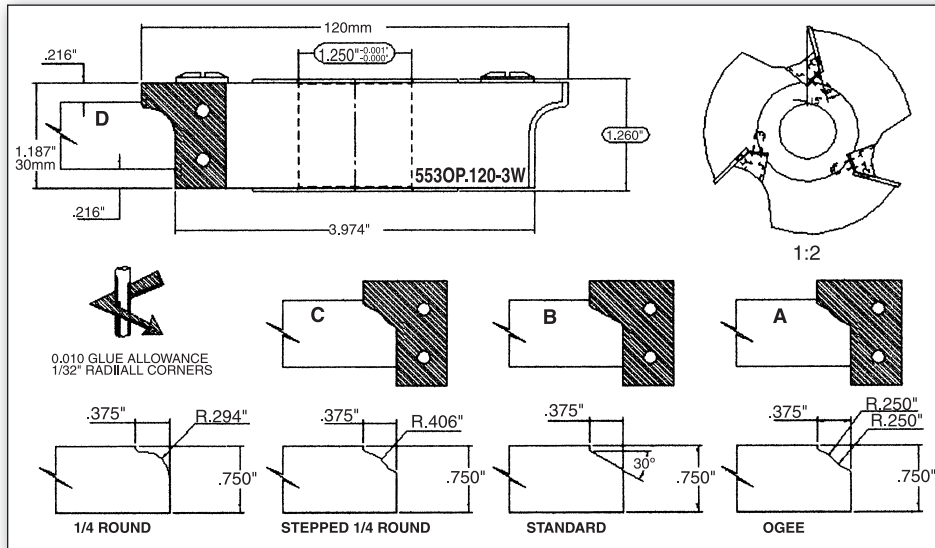


SHAKER COPE

PART NO.
553CS.120-4W*

INSERTS:

PART NO.
158-553CS.120-4W-A*
158-553CS.120-4W-B*



OUTSIDE CUTTER

PART NO.
553OP.120-3W*

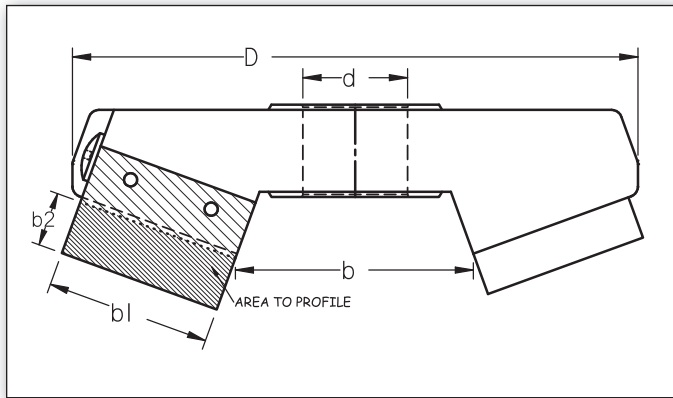
INSERTS:

PART NO.
158-553OP.120-3W-A*
158-553OP.120-3W-B*
158-553OP.120-3W-C*
158-553OP.120-3W-D*

PART NO. WITH * NORMALLY IN STOCK

Cutterheads with Carbide Inserts for making Multiple Raised Panel Profiles

Porte-outils avec couteaux en carbure pour la production de profils multiples



ART. 552RP

PART	D	d	b	b1	b2
552RP-170.050-3W	172mm (6.75")	1-1/4"	72mm (2.82")	50mm (1.97")	16mm (.63")

Technical Data

Cutterhead with carbide inserts for panel raising.

Made with 3 cutting edges.

Profiles on request.

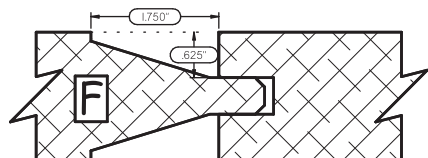
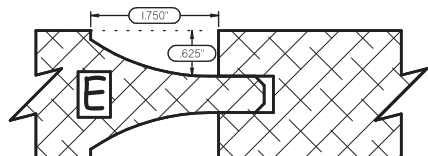
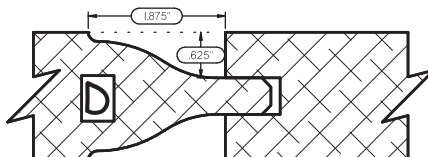
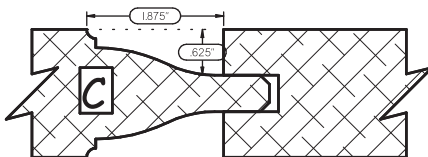
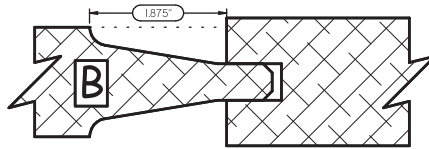
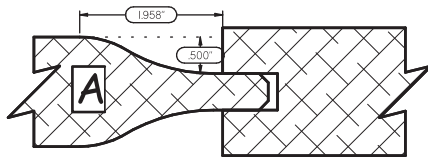
Données Techniques

Porte-outils avec couteaux en carbure pour plates-bandes.

Réalisation avec 3 tranchants.

Profils sur demande.

Examples of Profiles
Exemples de profils



Cutterheads with Carbide Inserts for making Multiple Profiles

Porte-outils avec couteaux en carbure pour la production de profils multiples



Technical Data

Multiprofile cutterhead. Designed with steel support plates profiled the same way as the inserts

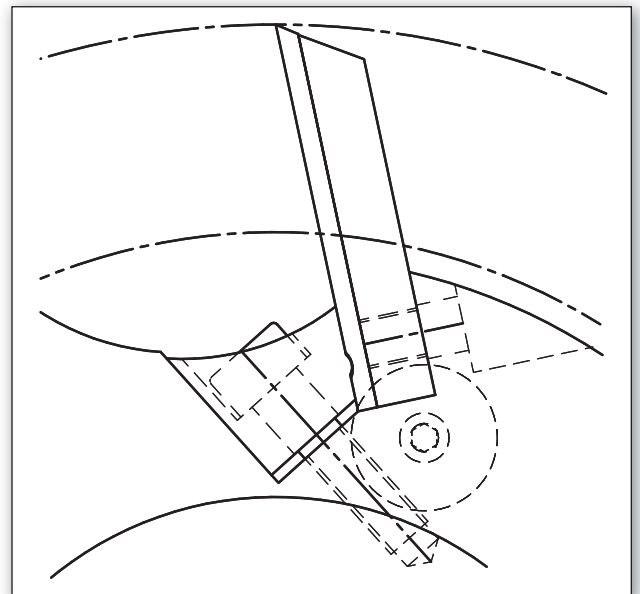
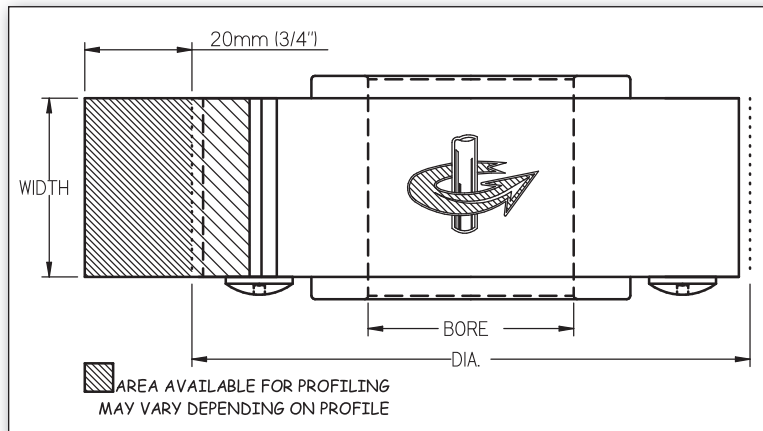
Données Techniques

Porte-outils "Multiprofile". Conçu avec un support d'acier, profile de la même manière que les couteaux.

ART. 555

PART NO.	DIA.	WIDTH	Z	BORE
555-100.030-2W	100	30	2	1-1/4"
555-100.030-3W	100	30	3	1-1/4"
555-100.040-2W*	100	40	2	1-1/4"
555-100.040-3W*	100	40	3	1-1/4"
555-100.060-2W*	100	60	2	1-1/4"
555-100.060-3W*	100	60	3	1-1/4"
555-125.030-2W*	125	30	2	40mm
555-125.030-3W*	125	30	3	40mm
555-125.035-2W	125	35	2	40mm
555-125.035-3W	125	35	3	40mm
555-125.040-2W*	125	40	2	40mm
555-125.040.3W*	125	40	3	40mm
555-125.060-2W*	125	60	2	40mm
555-125.060-3W*	125	60	3	40mm
555-125.100-2W*	125	100	2	40mm
555-125.100-3W	125	100	3	40mm

PART NO. WITH * NORMALLY IN STOCK



Cutterhead for Entry and Interior Doors

Porte-outils à couteaux pour les profils de portes intérieures et d'entrées



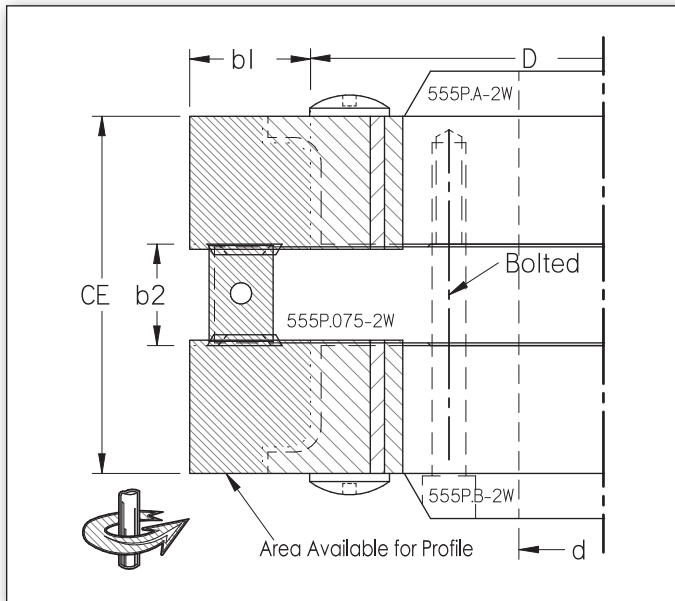
ART. 555P

D	D	B1	B2	CE
110mm (4.33")	1-1/4"	22mm (.787")	6.35mm (1/4"), 9.5mm (3/8") 12.7mm (1/2"), 19.05mm (3/4")	67mm (2.63") to 54mm (2.13")

Can be rebored up to 40mm

Tool bodies stock.

Knives made to order.



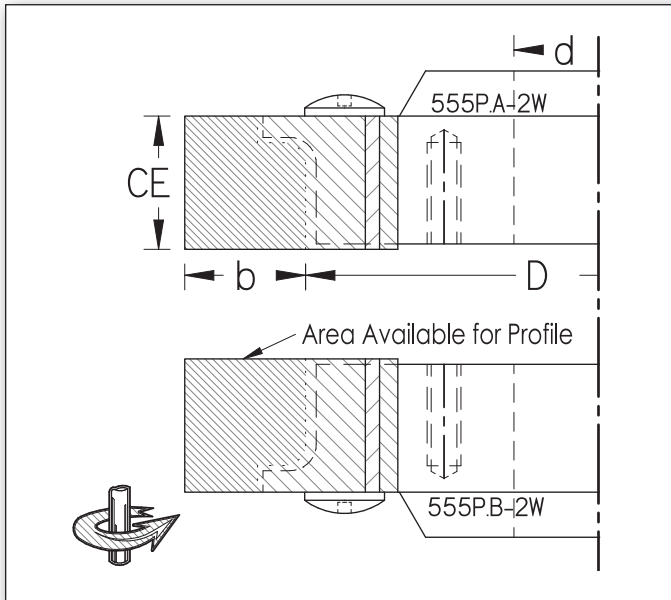
OPTIONAL TOOLHOLDERS

SPINDLE	PART
HSK63F	PRC-HSK63F-12580
HSK80W	PRC-HSK80W-40080

Cutterhead for Entry and Interior Doors

Porte-outils à couteaux pour les profils de portes intérieures et d'entrées

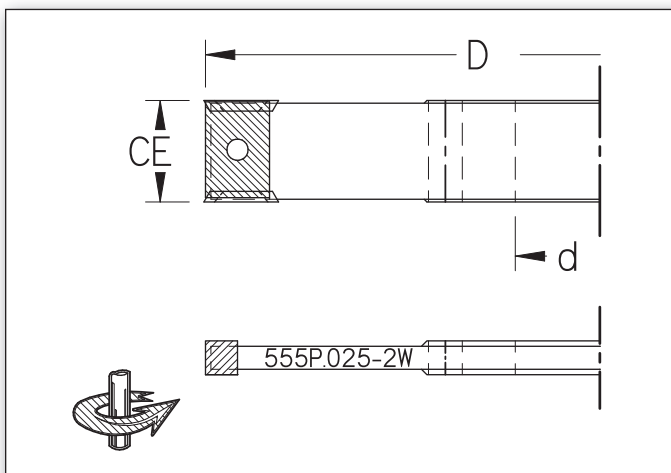
RAIL ASSEMBLY COMPONENTS



MULTI-PROFILE CUTTERHEADS

PART	D	d	b	CE
555P.A-2W	110mm (4.33")	1-1/4"	22mm (.877")	25mm (.984")
555P.B-2W	110mm (4.33")	1-1/4"	22mm (.877")	25mm (.984")

Can be rebored up to 40mm

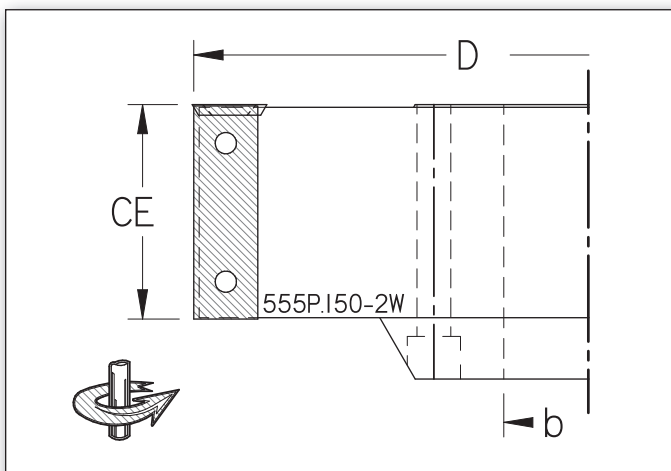


GROOVE CUTTERS

PART	D	d	CE	z
555P.025-2W*	148.1mm (5.830")	1-1/4"	6.35mm (.250")	2
555P.038-2W	148.1mm (5.830")	1-1/4"	9.5mm (.375")	2+2+2
555P.050-2W	148.1mm (5.830")	1-1/4"	12.7mm (.500")	2+2+2
555P.075-2W	148.1mm (5.830")	1-1/4"	19.05mm (.750")	2+2+2

Can be rebored up to 40mm

* PCD



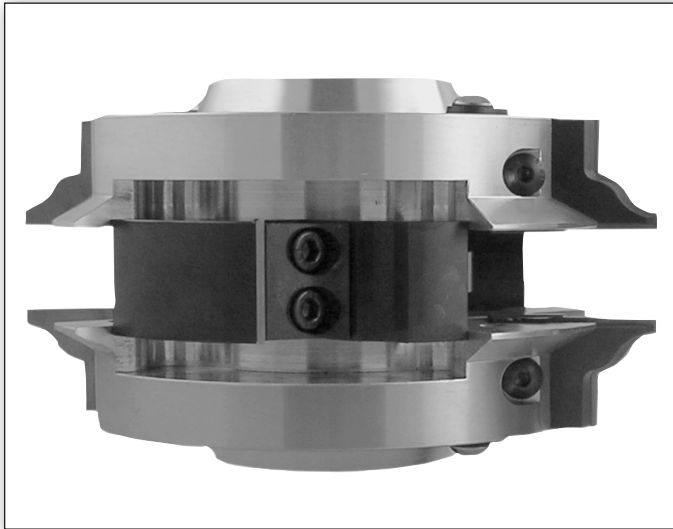
FOR GLASS DOORS

PART	D	d	CE	z
555P.150-2W	148.1mm (5.830")	1-1/4"	40mm (1.57")	2+2

Can be rebored up to 40mm

Cutterhead for Entry and Interior Doors

Porte-outils à couteaux pour les profils de portes intérieures et d'entrées



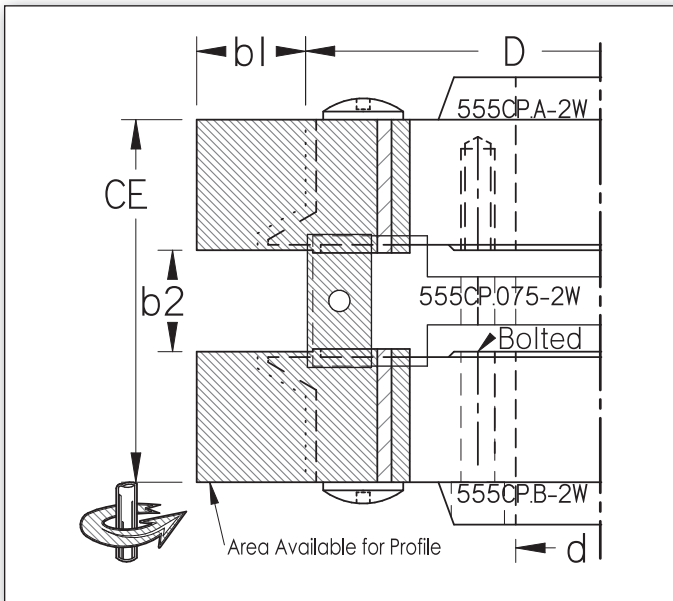
ART. 555CP

D	d	b1	b2	CE
110mm (4.33")	1-1/4"	22mm (.787")	6.35mm (1/4"), 9.5mm (3/8") 12.7mm (1/2"), 19.05mm (3/4")	67mm (2.63") to 54mm (2.13")

Can be rebored up to 40mm

Tool bodies stock.

Knives made to order.



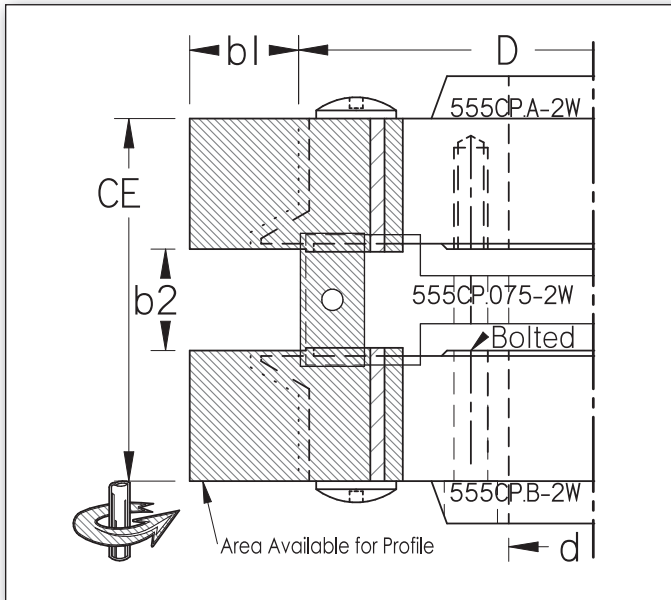
OPTIONAL TOOLHOLDERS

SPINDLE	PART
HSK63F	PRC-HSK63F-12580

Cutterhead for Entry and Interior Doors

Porte-outils à couteaux pour les profils de portes intérieures et d'entrées

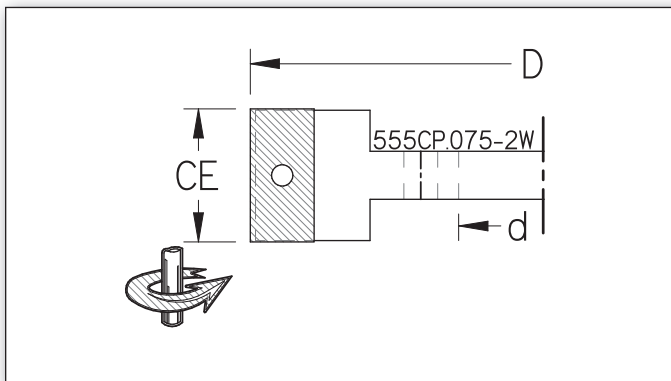
STYLE ASSEMBLY COMPONENTS



MULTI-PROFILE CUTTERHEADS

PART	D	d	CE	z
555CPA-2W	110mm (4.33")	1-1/4"	25.4mm (.964")	2
555CPB-2W	110mm (4.33")	1-1/4"	25.4mm (.964")	2

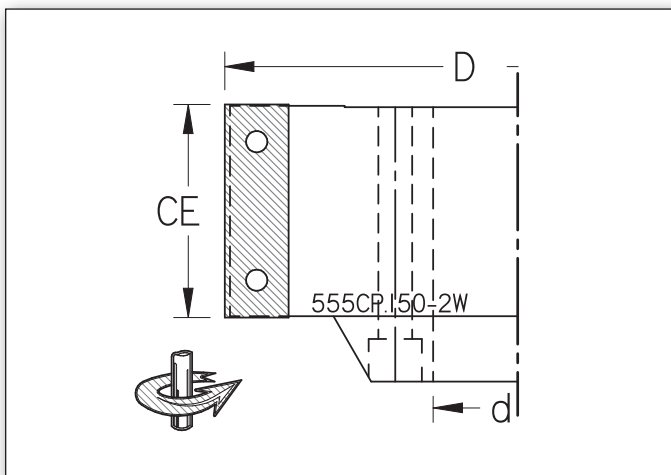
Can be rebored up to 40mm



CENTER CUTTERS

PART	D	d	CE	z	with/avec
555CP038-2W	110mm (4.33")	1-1/4"	12mm (.472")	2	555P.025-2W 555P.037-2W
555CP075-2W	110mm (4.33")	1-1/4"	25mm (.984")	2	555P.050-2W 555P.075-2W

Can be rebored up to 40mm



FOR GLASS DOORS

PART	D	d	CE	z
555CP150-2W	110mm (4.33")	1-1/4"	40mm (1.57")	2

Can be rebored up to 40mm

Multiple Profile Cutterhead with Carbide Knives
Porte-outils multi-profil avec couteaux en carbure



ART. 559

Z=2

FIG.	PART NO.	DIA.	WIDTH	BORE
1	559-140.050*	140	50	1-1/4"
2	559-160.050*	160	50	1-1/4"

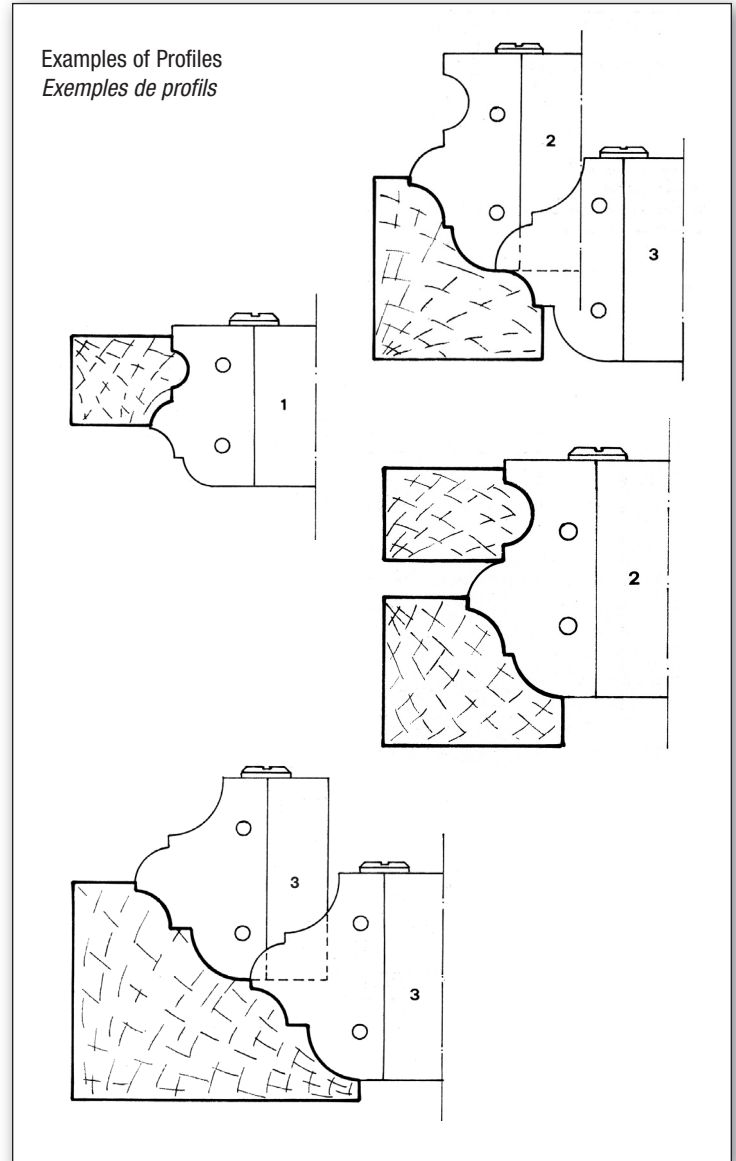
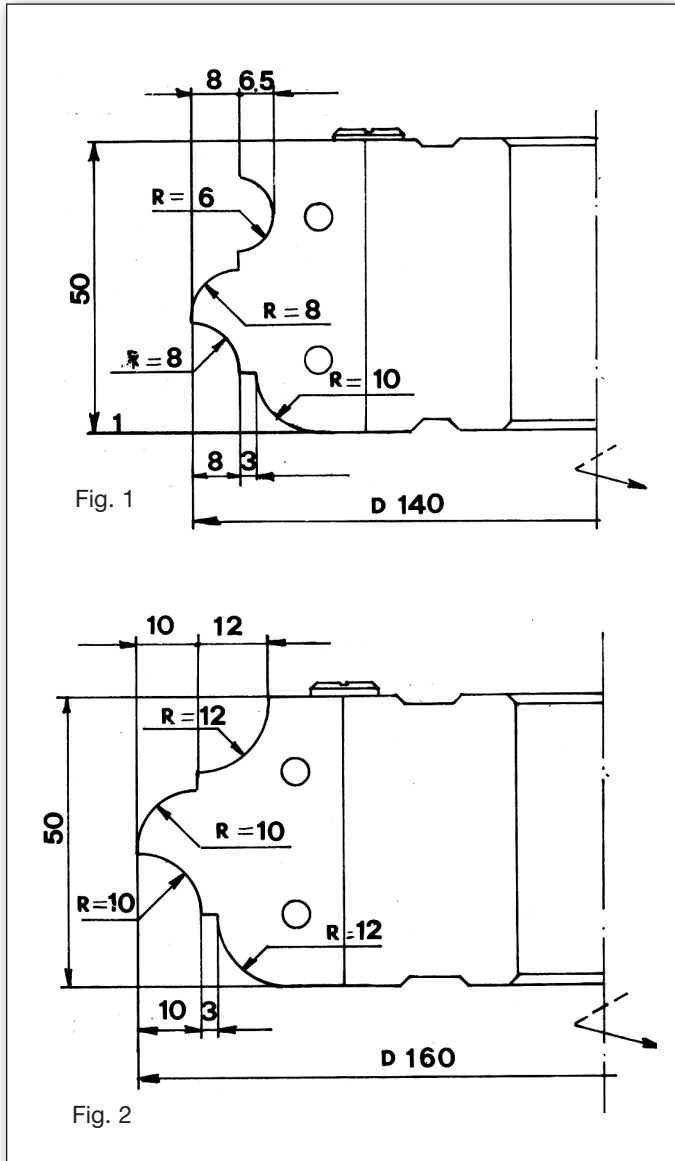
PART NO. WITH * NORMALLY IN STOCK

Technical Data

*Multiple profile cutterhead with 2 straight cutting edges.
 Different profiles can be made.*

Données Techniques

*Porte-outils multi-profil avec 2 tranchants droits.
 Possibilité de réaliser différents profils.*

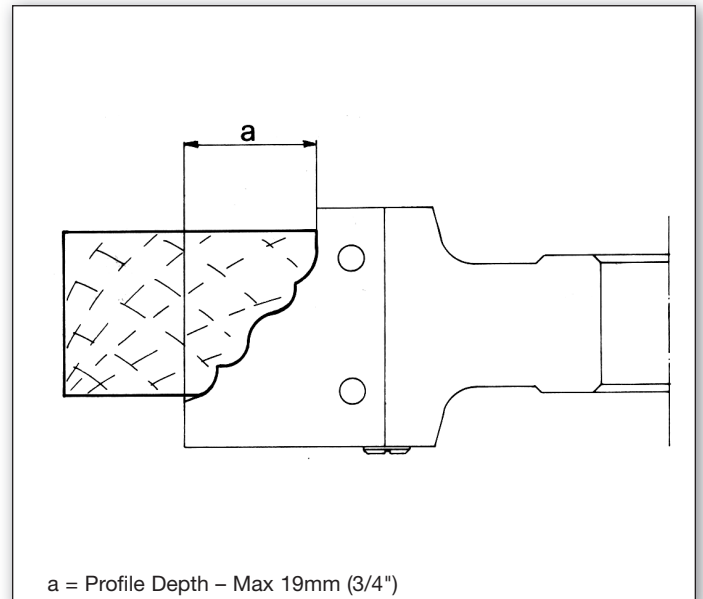
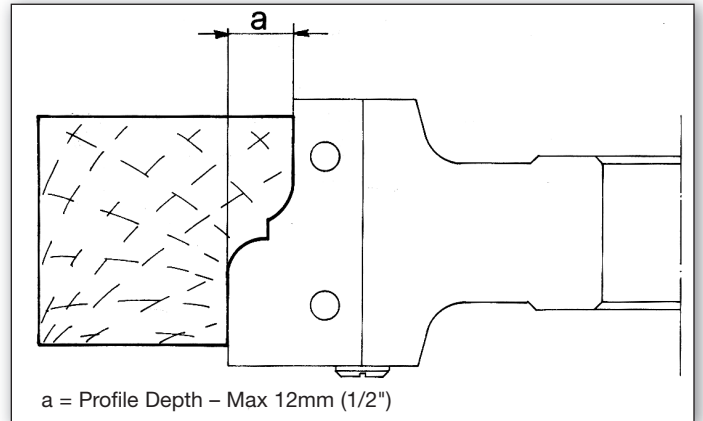
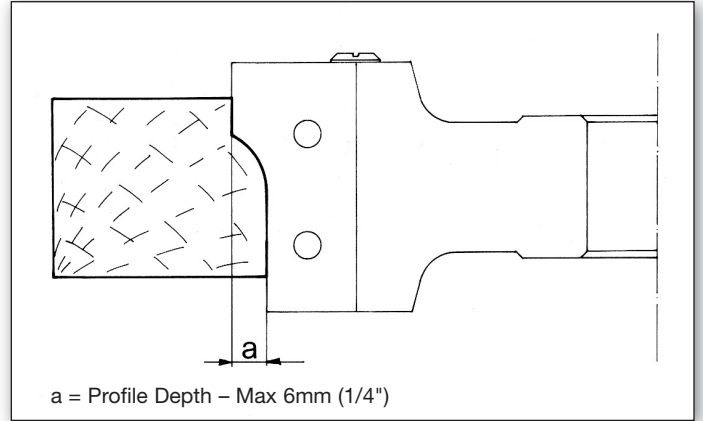


Cutterhead with Profiled Inserts - Simple Profile - Complex Profile - Very Complex Profile
Porte-outils avec couteaux profilés. Profil simple, complexe, très complexe

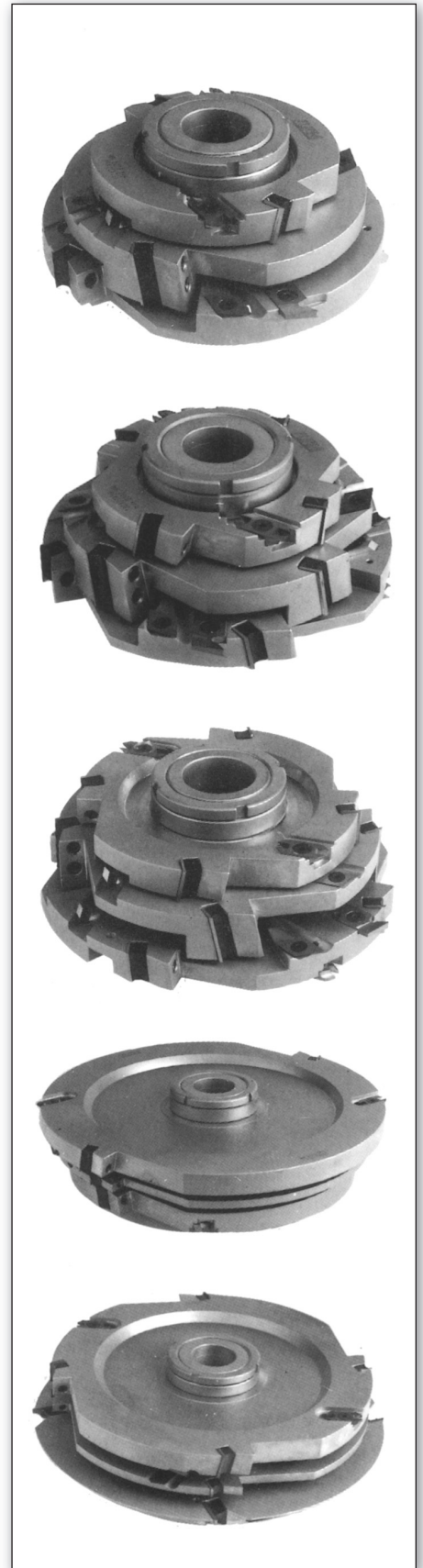
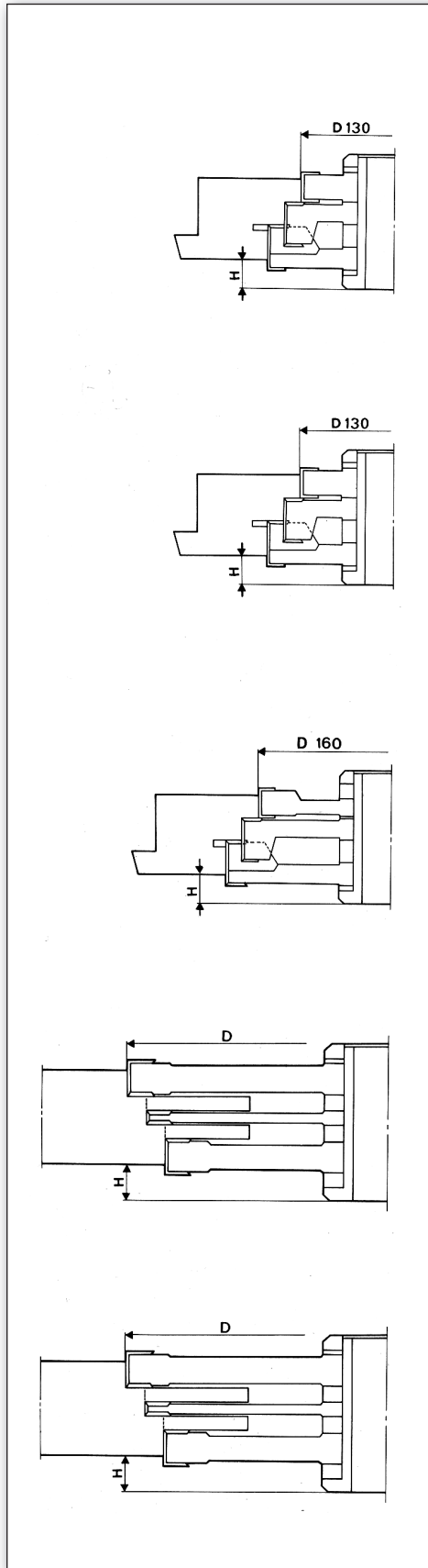
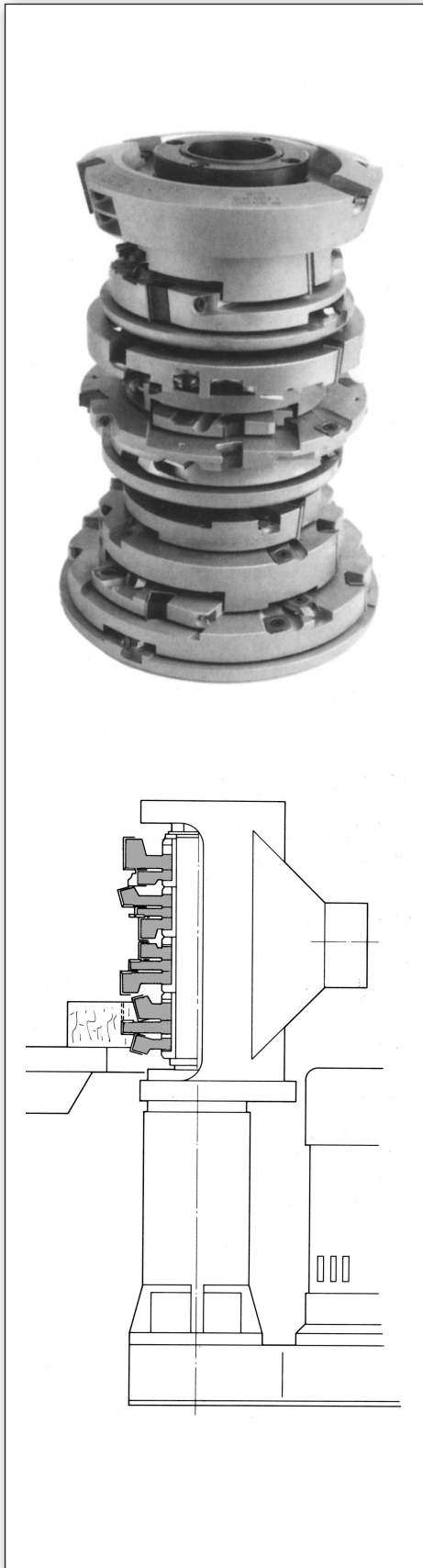
- ART. 545 – Simple Profiles**
- ART. 546 – Complex Profiles**
- ART. 547 – Very Complex Profiles**

Custom Tooling
Quoted on Request
DES OUTILS FAITS SUR MESURE
SUR DEMANDE

Z=2-3-4
 Z=2-3-4
 Z=2-3-4



Custom Insert Door & Window Stacked Tooling
Assemblage pour portes et fenêtres non-profilées sur mesure



N.B. Spacer/Shims are sold separately as required / N.B. Des tailles supplémentaires sont disponibles.

Small Diameter Corrugated Back Cutterheads
Porte-outils à couteaux crantés de petit diamètre



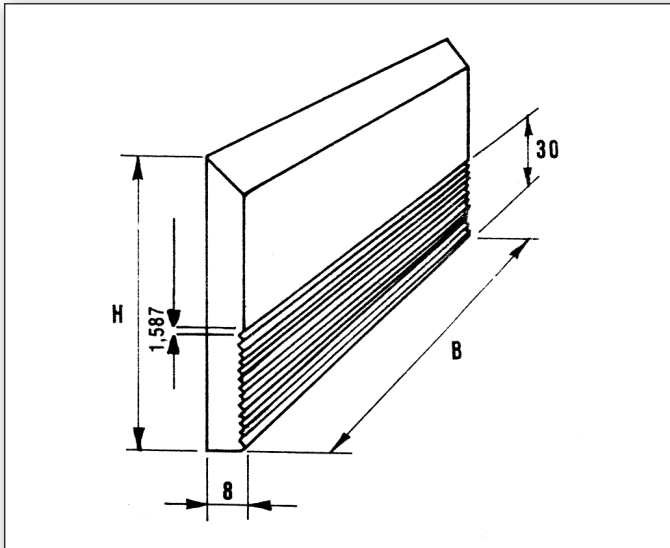
ART. 572
Pocket Style Gibs
60° Corrugations
20° Hook Angle
Machined to Accept 1/4" or 5/16"
Corrugated Back Knives

FOR 3/4" SPINDLE - 2 KN			
PART NO.	DIA.	BORE	WIDTH
572-075025192	3"	3/4"	1"
572-075050192	3"	3/4"	2"
572-075075192	3"	3/4"	3"

FOR 1" SPINDLE - 2 KN			
PART NO.	DIA.	BORE	WIDTH
572-090025252*	3-1/2"	1"	1"
572-090050252*	3-1/2"	1"	2"
572-090075252*	3-1/2"	1"	3"
572-090100252	3-1/2"	1"	4"

FOR 1-1/4" SPINDLE - 2 KN			
PART NO.	DIA.	BORE	WIDTH
572-100050322*	4"	1-1/4"	2"
572-100075322*	4"	1-1/4"	3"
572-100100322*	4"	1-1/4"	4"
572-100125322	4"	1-1/4"	5"
572-100150322	4"	1-1/4"	6"

FOR 1-1/4" SPINDLE - 4 KN			
PART NO.	DIA.	BORE	WIDTH
572-100050324	4"	1-1/4"	2"
572-100075324	4"	1-1/4"	3"
572-100100324	4"	1-1/4"	4"
572-100125324	4"	1-1/4"	5"
572-100150324	4"	1-1/4"	6"

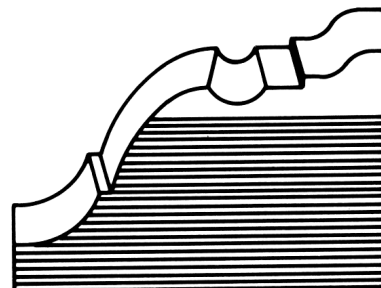
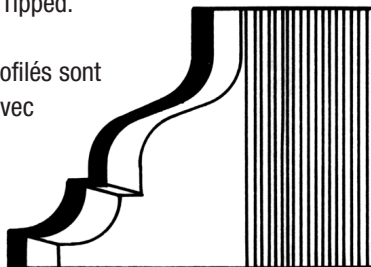


HSS Corrugated Back Knife Stock Available
Refer to ART. #579

Des couteaux bruts crantés en acier rapide sont disponibles en stock. Se référer à l'article 579.

Custom Profile Ground Knives Available on Request in HSS or Carbide Tipped.

Des couteaux crantés et profilés sont disponibles sur demande avec denture en acier rapide ou en carbure.



Corrugated Profile Cutterheads
Porte-outils à couteaux profilés



ART. 573 CORRUGATED PROFILE CUTTERHEADS Z=2 or 4
12° OR 20° HOOK

PART NO	DIA.	WIDTH	BORE	SLOTS
573-122040402	122	40	40	2
573-122060402*	122	60	40	2
573-122100402*	122	100	40	2
573-122130402	122	130	40	2
573-122150402*	122	150	40	2
573-122180402	122	180	40	2
573-122230402	122	230	40	2
573-122240402	122	240	40	2
573-122040404	122	40	40	4
573-122060404*	122	60	40	4
573-122100404*	122	100	40	4
573-122130404*	122	130	40	4
573-122150404*	122	150	40	4
573-122180404*	122	180	40	4
573-122230404*	122	230	40	4
573-122240404	122	240	40	4
573-137060404	137	60	40	4
573-137100404	137	100	40	4
573-137130404	137	130	40	4
573-137150404	137	150	40	4
573-137180404	137	180	40	4
573-137230404	137	230	40	4
573-137240404	137	240	40	4

Technical Data

Cutterbody made of high resistant steel with 4 seatings for self-centering profile knives. Serrated back knives with thickness from 6 to 10mm. According to the depth of the profile, different knife widths must be used (see table).

Données Techniques

Corps en acier très résistant avec 4 dents de coupe pour des couteaux crantés ayant une épaisseur de 6 à 10 mm. Selon la profondeur du profil, différentes largeurs de couteaux doivent être utilisées (voir tableau).

Width of knifemm	50	60	70
Profile depthmm	12	20	30
Tool ø 122ø max	160	180	200
Tool ø 137ø max	175	195	215

PART NO. WITH * NORMALLY IN STOCK

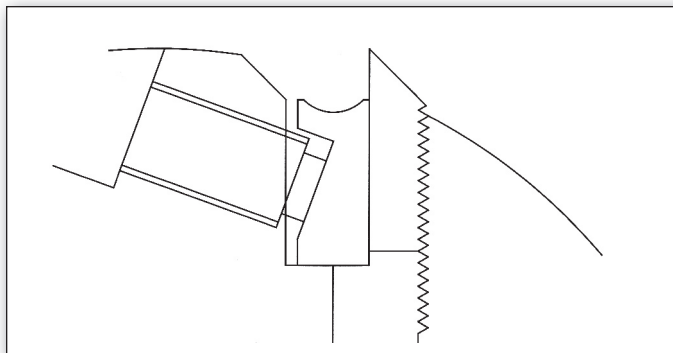
Other sizes available.

Also available with Dual Hook 12°+20°

Des tailles supplémentaires sont disponibles.

* When ordering - specify material being cut to determine hook angle

* Lors de la commande, indiquer le matériau à travailler pour déterminer l'angle d'inclinaison de la lame.



Note:

Do not use a knife that has a profile depth more than 3 times the knife thickness i.e. 5/16" = 1-3/16" depth, 1/4" = 3/4" depth of profile.

Never project a knife more than 3 times the thickness of the knife.

Corrugated Profile Cutterheads for Powerlock®
Porte-outils à couteaux profilés pour Powerlock®



ART. 573 POWERLOCK®
INTEGRATED
CORRUGATED HEADS

Z=2

Technical Data

*Cutterbody made of high resistant steel with 2 slots for corrugated knives from 6mm (.235") to 10mm (.393")
 Maximum depth of profile 30mm (1-1/4").*

Données Techniques

*Corps en acier très résistant avec 2 dents de coupe pour des couteaux crantés ayant épaisseur de 6mm (.235") à 10mm (.393").
 Maximum profondeur du profile 30mm (1-1/4").*

Standard cutting angle is 20° for soft wood and mixed species. Use 12° when cutting only hardwoods.

Width of knifemm	50	60	70
Profile depthmm	12	20	30

PART NO	OD	CEL	TH	SLOTS	HOOK	POS.
573P-090060LB2-20*	90	60	HSK80	2	20°	L/B
573P-090080LB2-20*	90	80	HSK80	2	20°	L/B
573P-090100LB2-20*	90	100	HSK80	2	20°	L/B
573P-090130LB2-20*	90	130	HSK80	2	20°	L/B
573P-090150LB2-20*	90	150	HSK80	2	20°	L/B
573P-090180LB2-20*	90	180	HSK80	2	20°	L/B
573P-090210LB2-20*	90	210	HSK80	2	20°	BOT
573P-090240LB2-20*	90	240	HSK80	2	20°	BOT
573P-090060RT2-20*	90	60	HSK80	2	20°	R/T
573P-090080RT2-20*	90	80	HSK80	2	20°	R/T
573P-090100RT2-20*	90	100	HSK80	2	20°	R/T
573P-090130RT2-20*	90	130	HSK80	2	20°	R/T
573P-090150RT2-20*	90	150	HSK80	2	20°	R/T
573P-090180RT2-20*	90	180	HSK80	2	20°	R/T
573P-090210RT2-20*	90	210	HSK80	2	20°	TOP
573P-090240RT2-20*	90	240	HSK80	2	20°	TOP
573P-090060LB2-12	90	60	HSK80	2	12°	L/B
573P-090080LB2-12	90	80	HSK80	2	12°	L/B
573P-090100LB2-12	90	100	HSK80	2	12°	L/B
573P-090130LB2-12	90	130	HSK80	2	12°	L/B
573P-090150LB2-12	90	150	HSK80	2	12°	L/B
573P-090180LB2-12	90	180	HSK80	2	12°	L/B
573P-090210LB2-12	90	210	HSK80	2	12°	BOT
573P-090240LB2-12	90	240	HSK80	2	12°	BOT
573P-090060RT2-12	90	60	HSK80	2	12°	R/T
573P-090080RT2-12	90	80	HSK80	2	12°	R/T
573P-090100RT2-12	90	100	HSK80	2	12°	R/T
573P-090130RT2-12	90	130	HSK80	2	12°	R/T
573P-090150RT2-12	90	150	HSK80	2	12°	R/T
573P-090180RT2-12	90	180	HSK80	2	12°	R/T
573P-090210RT2-12	90	210	HSK80	2	12°	TOP
573P-090240RT2-12	90	240	HSK80	2	12°	TOP

PART NO. WITH * NORMALLY IN STOCK

Corrugated Heads with Hydro-Bore
Porte-couteaux crantés à centre hydraulique

Technical Data

Steel tool body with corrugations to accept 16-60° knives, up to 10mm thick. Single or Dual grease chamber depending on tool length. Grease nipple at one end for convenient access.

Note:

Always use a safety lock collar.

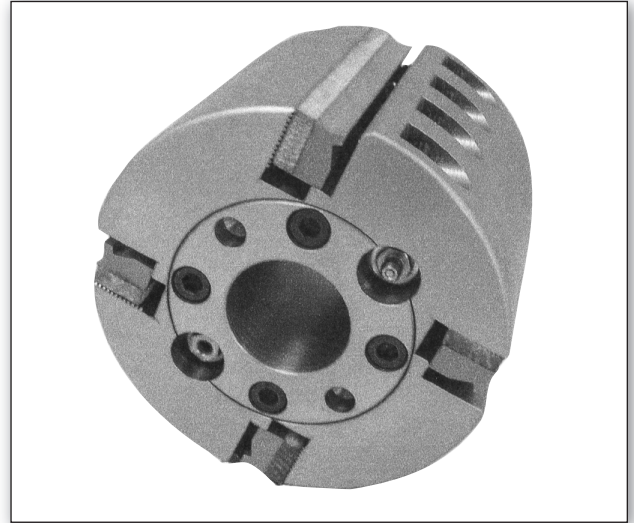
Données Techniques

Corps en acier avec couteaux crantés de 16-60° avec jusqu'à 10mm d'épaisseur.

Avec une chambre de graisse simple ou double selon la longueur des outils. Le raccord de graisse est situé à une des extrémités de l'outil pour un accès plus pratique.

Note:

Toujours utiliser une bague de sécurité.



ART. 574

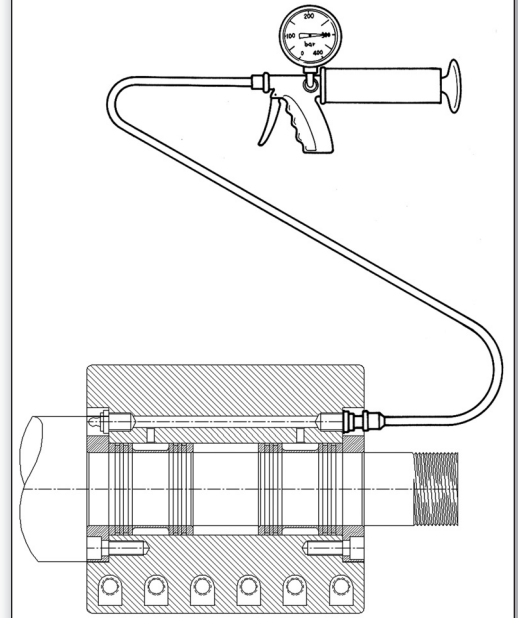
DIA.		BORE		WIDTH		KNIVES
INCH	MM	INCH	MM	INCH	MM	Z=
5-3/8"	137	1-1/2" - 1-13/16"	40-50	1-1/2"	40	4
5-3/8"	137	1-1/2" - 1-13/16"	40-50	2-3/8"	60	4
5-3/8"	137	1-1/2" - 1-13/16"	40-50	3-1/8"	80	4
5-3/8"	137	1-1/2" - 1-13/16"	40-50	4"	100	4
5-3/8"	137	1-1/2" - 1-13/16"	40-50	5-1/8"	130	4
5-3/8"	137	1-1/2" - 1-13/16"	40-50	6"	150	4
5-3/8"	137	1-1/2" - 1-13/16"	40-50	7"	180	4
5-3/8"	137	1-1/2" - 1-13/16"	40-50	8"	210	4
5-3/8"	137	1-1/2" - 1-13/16"	40-50	9"	230	4

DIA.		BORE		WIDTH		KNIVES
INCH	MM	INCH	MM	INCH	MM	Z=
6"	150	1-1/2" - 2-1/8"	40-50	2-3/8"	60	4
6"	150	1-1/2" - 2-1/8"	40-50	2-3/8"	60	6
6"	150	1-1/2" - 2-1/8"	40-50	4"	100	4
6"	150	1-1/2" - 2-1/8"	40-50	4"	100	6
6"	150	1-1/2" - 2-1/8"	40-50	6"	150	4
6"	150	1-1/2" - 2-1/8"	40-50	6"	150	6
6"	150	1-1/2" - 2-1/8"	40-50	7"	180	4
6"	150	1-1/2" - 2-1/8"	40-50	7"	180	6
6"	150	1-1/2" - 2-1/8"	40-50	9"	230	4
6"	150	1-1/2" - 2-1/8"	40-50	9"	230	6
6"	150	1-1/2" - 2-1/8"	40-50	10.25"	260	4
6"	150	1-1/2" - 2-1/8"	40-50	10.25"	260	6
6"	150	1-1/2" - 2-1/8"	40-50	12.20"	310	4
6"	150	1-1/2" - 2-1/8"	40-50	12.20"	310	6

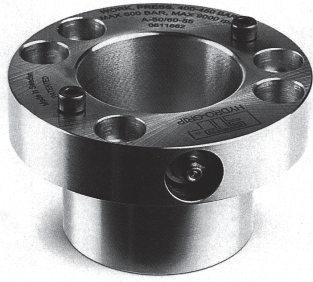
HYDRO-BORE CORRUGATED HEADS

Application

For moulding soft and hard wood at fast feed rates achieving a superb finish.



HYDRO-GRIP high performance grease gun, Part # TBO-M08



TYPE A*
for Permanent Fitting in the Tool-Head

Type A is pressed into the cutting tool and secured by screws. When pressurizing, only the inner sleeve expands towards the spindle.

Type A, pour un ajustement permanent dans le porte-outils

Le type A est pressé dans la machine à couper et est sécurisé par des vis. Lors de la pression, seul le manchon interne gonfle en direction du mandrin.



TYPE B*
Easily Interchanged Between Tool-Heads

Type B is threaded and has a knurled ring nut so it can be easily interchanged between tools. When pressurizing, the outer sleeve expands towards the tool and the inner towards the spindle.

Type B, facilement interchangeable entre les porte-outils

Le type B a été taraudé et possède un écrou moleté ainsi il peut être facilement interchangeable entre les outils. Lors de la pression, le manchon externe gonfle en direction de l'outil et le manchon interne en direction du mandrin.

PRESSURIZING

The hydraulic sleeve is activated in two different ways. The most common is by using a specially made, high pressure grease pump. The sleeve is equipped with a filler nipple and a release nipple (Fig. 1). The second, recently developed method is by tightening a pressure screw with a T-wrench. The screw pushes a piston in front of it, which builds up the required pressure (Fig. 2).

PAR PRESSION

Le manchon hydraulique est activé de deux manières différentes. La plus courante est celle consistant à utiliser une pompe de graisse spéciale à haute pression. Le manchon est équipé avec une valve d'entrée et une valve de sortie. La deuxième méthode récemment développée consiste en un serrage d'une vis à pression avec une clé en T. La vis pousse un piston en face de lui, ce qui déclenche la pression souhaitée.

Fig. 1

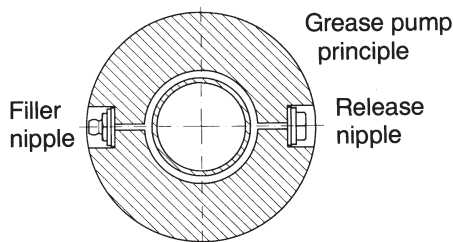
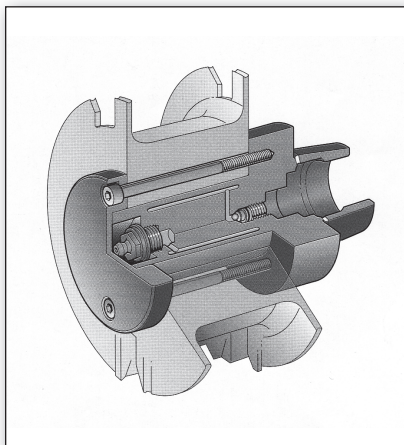
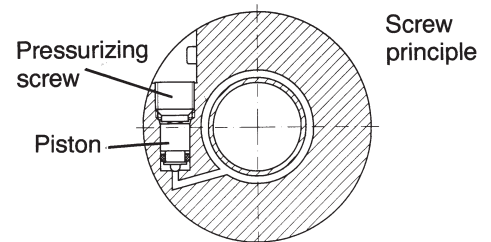


Fig. 2



TYPE GEW*
especially designed for "Powerlock" tooling

Type GEW, pour les porte-outils "Powerlock"

Planing Cutterheads / Porte-couteaux à raboter

Disposable/Reversible Planing heads - PowerLock / Couteaux réversibles et remplaçables pour raboteuse Systeme PowerLock



ART. 575 - (STEEL)

PART NO.	DIA.	C.E.L.	Z	MAX. BORE
575.125.040 to 575.125.230	125	40 to 230	4	40mm

ART. 575A - (ALUMINUM)

PART NO.	DIA.	C.E.L.	Z	MAX. BORE
575A.125.040 to 575A.125.230	125	40 to 230	4	40mm

Technical Data

Cutterhead with 4 cutting edges for planing on matching machines. Made with steel body and with light alloy body.

Données Techniques

Porte-couteaux avec 4 tranchants pour raboter sur des machines à moulurer. Réalisation avec corps en acier et en alliage léger.



Use with HSS or Carbide disposable knives.
No setting gauges needed and 2 usable cutting edges.

ART. 575P

PART NO.	DIA.	KERF	Z	BORE
575P-093060LB2-25	93	60	2	HSK80
575P-093060RT2-25	93	60	2	HSK80
575P-093080LB2-25	93	80	2	HSK80
575P-093080RT2-25	93	80	2	HSK80
575P-093100LB2-25	93	100	2	HSK80
575P-093100RT2-25	93	100	2	HSK80
575P-093130LB2-25	93	130	2	HSK80
575P-093130RT2-25	93	130	2	HSK80
575P-093150LB2-25	93	150	2	HSK80
575P-093150RT2-25	93	150	2	HSK80
575P-093180LB2-25	93	180	2	HSK80
575P-093180RT2-25	93	180	2	HSK80
575P-093210LB2-25	93	210	2	HSK80
575P-093210RT2-25	93	210	2	HSK80
575P-093240LB2-25	93	240	2	HSK80
575P-093240RT2-25	93	240	2	HSK80

Technical Data

Cutterhead with 2 disposable cutting edges for planing on "Powermat" moulders.

Données Techniques

Porte-couteaux avec 2 tranchants réversibles et remplaçables pour raboteuse, Systeme "PowerLock"

Tersa® Planing Technology
Outils de rabotage Tersa®



- Smoothest cutting head available.
- No sand cuts on hardwoods and wood composites.
- Cuts downtime by approximately 66% because no gib screws, no alignment, no new set up required.
- Knives can be changed in seconds...right on machine.
- OD is constant edge to edge, insert to insert, automatically.
- Higher productivity than stack or staggetooth heads.
- No tool room grinding, no tool offset required.
- Chrome steel, high speed steel and carbide knives available.

- une finition de coupe plus propre et lisse.
- pas de nécessité de poncer les bois massifs et composés après la coupe.
- le temps d'arrêt pour le changement des couteaux est environ 66% moins élevé que pour d'autres outils car il n'est pas nécessaire de

changer les vis ni d'aligner ou d'ajuster les couteaux.

- les couteaux peuvent être changés facilement et très rapidement, directement sur la machine.
- l'outil est ajusté automatiquement et le diamètre de la coupe reste constant.

- apporte une plus grande productivité par rapport à d'autres outils
- pas d'affûtage d'outils, pas de rayures.
- des couteaux en acier de chrome, en acier rapide et en carbure sont disponibles.



TERSA® Replacement Knives

TERSA knives are available in your choice of four materials.

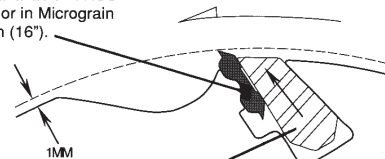
Chrome steel, HSS and M42 are available in lengths to 1000mm (40") and solid carbide knives come in lengths up to 400mm (16").

TERSA knives produce an excellent finish due to a built-in chipbreaker on the face of the knife itself. By utilizing one knife across the entire cutting length TERSA heads guarantee a "line-free" finish unlike stack or staggetooth heads.

Les couteaux Tersa sont disponibles en 4 matériaux au choix. L'acier de chrome, l'acier rapide et le M42 sont disponibles pour des longueurs de 1000mm et les couteaux en carbure peuvent atteindre une longueur de 400mm.

En utilisant un couteau à travers la longueur de coupe entière de la tête, Tersa garantie aucune rayures contrairement à d'autres outils.

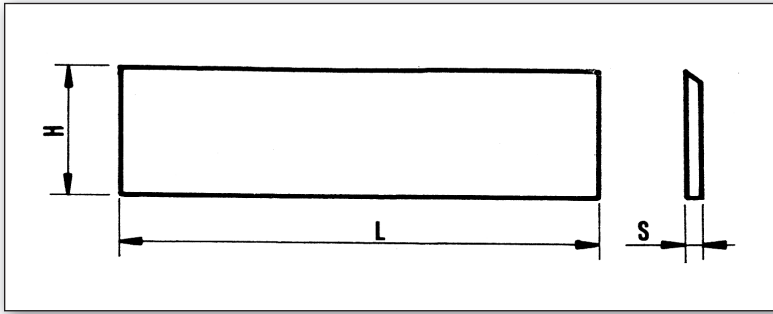
Insert Knives - Double sided and precision ground are available in HSS up to 1000 mm (40") or in Micrograin Carbide up to 400 mm (16").



Gib Wedge - The hardened tool steel block that runs parallel to the knife which, under centrifugal force, provides constant and uniform knife retention.

CentroLock, CentroStar and Terminus knives in HSS and Solid Carbide available on request.

Planer Knives - HSS and C/T / Couteaux de raboteuse en acier rapide (HSS) et carbure



HSS - T1 (18% Tungsten) knives for soft and hard woods.
Couteaux en acier rapide (HSS) - T1 (18% de tungstène) pour des bois tendres et durs.

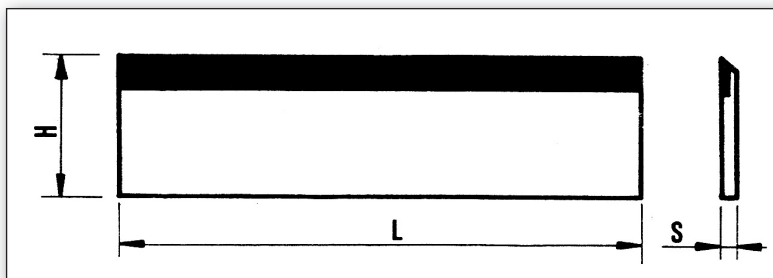
ART. 577 - Full size bars

PART NO.	LENGTH (L)	WIDTH (H)	THICKNESS (S)
577-18-1603*	1000mm (39")	16mm (5/8")	3mm (1/8")
577-18-1903*	1000mm (39")	19mm (3/4")	3mm (1/8")
577-18-2503*	1000mm (39")	25mm (1")	3mm (1/8")
577-18-3003*	1000mm (39")	30mm (1-3/16")	3mm (1/8")
577-18-3004*	1000mm (39")	30mm (1-3/16")	4mm (5/32")
577-18-3503*	1000mm (39")	35mm (1-3/8")	3mm (1/8")
577-18-3504*	1000mm (39")	35mm (1-3/8")	4mm (5/32")
577-18-4003*	1000mm (39")	40mm (1-1/2")	3mm (1/8")

PART NO. WITH * NORMALLY IN STOCK

ART. 577 - Cut to length

PART NO.	LENGTH (L)	WIDTH (H)	THICKNESS (S)
577-PR-18-40163	4"	16mm (5/8")	3mm (1/8")
577-PR-18-40193	4"	19mm (3/4")	3mm (1/8")
577-PR-18-40253	4"	25mm (1")	3mm (1/8")
577-PR-18-60163	6"	16mm (5/8")	3mm (1/8")
577-PR-18-60193	6"	19mm (3/4")	3mm (1/8")
577-PR-18-60253	6"	25mm (1")	3mm (1/8")
577-PR-18-80163	8"	16mm (5/8")	3mm (1/8")
577-PR-18-80193	8"	19mm (3/4")	3mm (1/8")
577-PR-18-80253	8"	25mm (1")	3mm (1/8")
577-PR-18-12193	12"	19mm (3/4")	3mm (1/8")
577-PR-18-12253	12"	25mm (1")	3mm (1/8")
577-PR-18-12303	12"	30mm (1-3/16")	3mm (1/8")
577-PR-18-12304	12"	30mm (1-3/16")	4mm (5/32")
577-PR-18-12353	12"	35mm (1-3/8")	3mm (1/8")
577-PR-18-14193	14"	19mm (3/4")	3mm (1/8")
577-PR-18-14253	14"	25mm (1")	3mm (1/8")
577-PR-18-16253	16"	25mm (1")	3mm (1/8")
577-PR-18-16303	16"	30mm (1-3/16")	3mm (1/8")
577-PR-18-20253	20"	25mm (1")	3mm (1/8")
577-PR-18-24253	24"	25mm (1")	3mm (1/8")



Carbide inlaid knives for hard and exotic woods.
Couteaux en carbure incrusté pour des bois durs et exotiques.

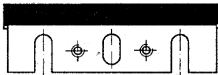
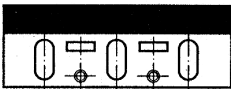
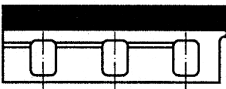
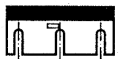

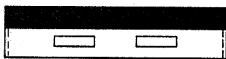
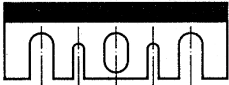

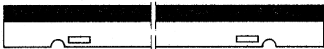


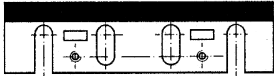
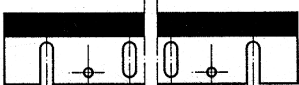
PART NO.	LENGTH (L)	WIDTH (H)	THICKNESS (S)
578-01603M*	810mm (32")	16mm (5/8")	3mm (1/8")
578-01903M*	810mm (32")	19mm (3/4")	3mm (1/8")
578-02503M*	810mm (32")	25mm (1")	3mm (1/8")
578-03003M*	810mm (32")	30mm (1-3/16")	3mm (1/8")
578-03503M*	810mm (32")	35mm (1-3/8")	3mm (1/8")
578-02504M*	810mm (32")	25mm (1")	4mm (5/32")
578-03504M*	810mm (32")	35mm (1-3/8")	4mm (5/32")

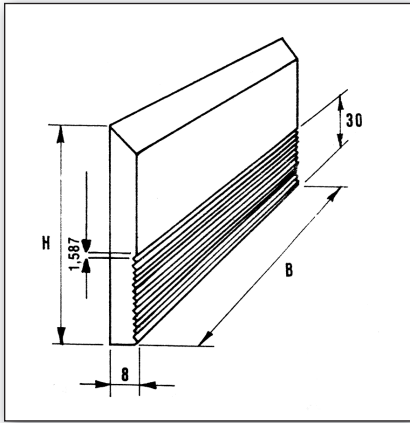
PART NO. WITH * NORMALLY IN STOCK

ART. 578

PART NO.	LENGTH (L)	WIDTH (H)	THICKNESS (S)
578-4058	4"	16mm (5/8")	3mm (1/8")
578-4034	4"	19mm (3/4")	3mm (1/8")
578-6058	6"	16mm (5/8")	3mm (1/8")
578-6034	6"	19mm (3/4")	3mm (1/8")
578-6010	6"	25mm (1")	3mm (1/8")
578-8058	8"	16mm (5/8")	3mm (1/8")
578-8034	8"	19mm (3/4")	3mm (1/8")
578-8010	8"	25mm (1")	3mm (1/8")
578-1234	12"	19mm (3/4")	3mm (1/8")
578-1210	12"	25mm (1")	3mm (1/8")
578-1230	12"	30mm (1-3/16")	3mm (1/8")
578-1235	12"	35mm (1-3/8")	3mm (1/8")
578-1236	12"	35mm (1-3/8")	4mm (5/32")
578-1434	14"	(3/4")	3mm (1/8")
578-1410	14"	25mm (1")	3mm (1/8")
578-1610	16"	25mm (1")	3mm (1/8")
578-2010	20"	25mm (1")	3mm (1/8")
578-2410	24"	25mm (1")	3mm (1/8")

Knives for Portable Electric Planers
Couteaux pour raboteuses électriques portatives

MACHINE	MODEL	DESCRIPTON		#577PL-HSS	#578PL-TCT
Ryobi	SKH	92 x 29 x 3		#577PL-092293	#578PL-092293
Black & Decker		82 x 29 x 3		#577PL-082293	#578PL-082293
ELU	MFF40 MFF80	80 x 27 x 2.9		#577PL-080273	#578PL-080273
Scheer	MH-50				
Skil	60506	77 x 28.6 x 3.15		#577PL-077293	#578PL-077293
	96 H	82 x 29 x 3		#577PL-082293	#578PL-082293
Metabo	6375	75 x 18 x 3		#577PL-075183	#578PL-075183
Holz-Her	EHO 75 222/223	75 x 18 x 3			
Haffner	FH 75/222	75 x 18 x 3			
Bosch	0590 1590 P 400	75 x 18 x 3			
Hitachi	FU 20 F 20 A FP 20	82 x 28 x 3 konisch		#577PL-082283	#578PL-082283
	F 30 A	92 x 30 x 3 konisch		#577PL-092303	#578PL-092303
	P 50	168 x 18.5 x 3		#577PL-168183	#578PL-168183
	U 210	210 x 20 x 2.5		#577PL-210202	#578PL-210202
Makita	1900 B 1923 B 1100 1125 1001u	82 x 29 x 3		#577PL-082293	#578PL-082293
	1911 B	110 x 29 x 3		#577PL-110293	#578PL-110293
	1805 1805 N 1805 B	155 x 32 x 3		#577PL-155323	#578PL-155323



ART. 579 - M2 & T1

Corrugated Back Knives

Available in 16-60° Corrugations, these knives are ground to exacting dimensions for perfect balance. Can be purchased in full size bars (25"), cut to length and profiles to order.

Send us a sketch, wood sample or DXF file of your profile and we will do the rest.

M-2 Quality: Our most versatile and popular range combines high quality M2 High Speed Steel with competitive pricing.

T-1 Quality: Super High Speed Steel with 18° tungsten ensures extra long life. Ideal for long runs and harder woods.

Couteaux crantés

Disponibles avec des crans de 16-60°, ces couteaux sont moulés aux exactes dimensions pour un équilibre parfait. Ils peuvent être achetés entièrement (25"), coupés dans leur longueur et profilés sur demande.

Envoyer nous un croquis ou un échantillon du bois ou encore un dossier DXF de votre profil et nous nous chargerons du reste.

Qualité M-2: Notre gamme la plus populaire et polyvalente combine un acier rapide de haute qualité M2 ainsi qu'un prix compétitif.

Qualité T-1 = L'Acier rapide avec 18° de tungsten garantie une haute longévité. Idéal pour les grandes rendements et les bois durs.

PART NO. WITH * NORMALLY IN STOCK

M-2 Bevelled back

PART NO.	LENGTH (L)	WIDTH (H)	THICKNESS (S)
579-M2-6X35*	25"	35mm (1-3/8")	6mm (1/4")
579-M2-6X40*	25"	40mm (1-1/2")	6mm (1/4")
579-M2-6X45*	25"	45mm (1-3/4")	6mm (1/4")
579-M2-6X50*	25"	50mm (2")	6mm (1/4")
579-M2-6X60*	25"	60mm (2-1/4")	6mm (1/4")
579-M2-6X65*	25"	65mm (2-1/2")	6mm (1/4")
579-M2-8X35*	25"	35mm (1-3/8")	8mm (5/16")
579-M2-8X40*	25"	40mm (1-1/2")	8mm (5/16")
579-M2-8X45*	25"	45mm (1-3/4")	8mm (5/16")
579-M2-8X50*	25"	50mm (2")	8mm (5/16")
579-M2-8X60*	25"	60mm (2-3/8")	8mm (5/16")
579-M2-8X65*	25"	65mm (2-1/2")	8mm (5/16")
579-M2-8X70*	25"	70mm (2-3/4")	8mm (5/16")

T-1 Bevelled back

PART NO.	LENGTH (L)	WIDTH (H)	THICKNESS (S)
579-18-6X40*	25"	40mm (1-1/2")	6mm (1/4")
579-18-6X45*	25"	45mm (1-3/4")	6mm (1/4")
579-18-6X50*	25"	50mm (2")	6mm (1/4")
579-18-6X60	25"	60mm (2-3/8")	6mm (1/4")
579-18-6X65*	25"	65mm (2-1/2")	6mm (1/4")
579-18-8X35*	25"	35mm (1-3/8")	8mm (5/16")
579-18-8X40*	25"	40mm (1-1/2")	8mm (5/16")
579-18-8X45*	25"	45mm (1-3/4")	8mm (5/16")
579-18-8X50*	25"	50mm (2")	8mm (5/16")
579-18-8X60*	25"	60mm (2-3/8")	8mm (5/16")
579-18-8X65*	25"	65mm (2-1/2")	8mm (5/16")
579-18-8X70*	25"	70mm (2-3/4")	8mm (5/16")
579-18-8X80*	25"	80mm (3-1/8")	8mm (5/16")

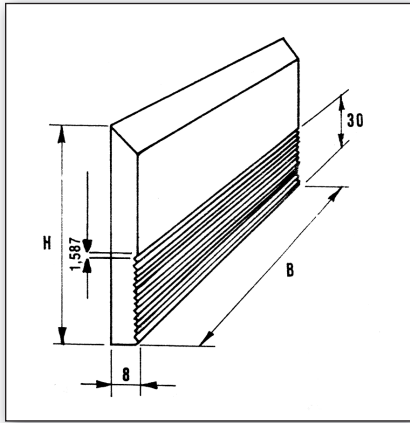
M-2 Square back

PART NO.	LENGTH (L)	WIDTH (H)	THICKNESS (S)
579-PR-M2-6X35	25"	35mm (1-3/8")	6mm (1/4")
579-PR-M2-6X40*	25"	40mm (1-1/2")	6mm (1/4")
579-PR-M2-6X45*	25"	45mm (1-3/4")	6mm (1/4")
579-PR-M2-6X50*	25"	50mm (2")	6mm (1/4")
579-PR-M2-6X60	25"	60mm (2-3/8")	6mm (1/4")
579-PR-M2-6X65*	25"	65mm (2-1/2")	6mm (1/4")
579-PR-M2-8X35*	25"	35mm (1-3/8")	8mm (5/16")
579-PR-M2-8X40*	25"	40mm (1-1/2")	8mm (5/16")
579-PR-M2-8X45*	25"	45mm (1-3/4")	8mm (5/16")
579-PR-M2-8X50*	25"	50mm (2")	8mm (5/16")
579-PR-M2-8X60*	25"	60mm (2-3/8")	8mm (5/16")
579-PR-M2-8X65*	25"	65mm (2-1/2")	8mm (5/16")
579-PR-M2-8X75*	25"	75mm (3")	8mm (5/16")

T-1 Square back

PART NO.	LENGTH (L)	WIDTH (H)	THICKNESS (S)
579-PR-18-6X35*	25"	35mm (1-3/8")	6mm (1/4")
579-PR-18-6X40*	25"	40mm (1-1/2")	6mm (1/4")
579-PR-18-6X45	25"	45mm (1-3/4")	6mm (1/4")
579-PR-18-6X50*	25"	50mm (2")	6mm (1/4")
579-PR-18-6X60	25"	60mm (2-3/8")	6mm (1/4")
579-PR-18-6X65*	25"	65mm (2-1/2")	6mm (1/4")
579-PR-18-8X35*	25"	35mm (1-3/8")	8mm (5/16")
579-PR-18-8X40*	25"	40mm (1-1/2")	8mm (5/16")
579-PR-18-8X45	25"	45mm (1-3/4")	8mm (5/16")
579-PR-18-8X50*	25"	50mm (2")	8mm (5/16")
579-PR-18-8X60*	25"	60mm (2-3/8")	8mm (5/16")
579-PR-18-8X65*	25"	65mm (2-1/2")	8mm (5/16")
579-PR-18-8X70*	25"	70mm (2-3/4")	8mm (5/16")

Corrugated Back Knives / Couteaux crantés



ART. 579 - AKM, HPS & C/T Corrugated Back Knives

Available in 16-60° Corrugations, these knives are ground to exacting dimensions for perfect balance. Can be purchased in full size bars (25"), cut to length and profiles to order.

Send us a sketch, wood sample or DXF file of your profile and we will do the rest.

AKM Quality: Semi High Speed Steel with characteristics similar to M-2.

Provides very good wear life.

HPS Quality: Provides excellent wear life. High toughness & breaking resistance

Carbide-Tipped: Manufactured with carbide inlay in different widths.

Couteaux crantés

Disponibles avec des crans de 16-60°, ces couteaux sont moulés aux exactes dimensions pour un équilibre parfait. Ils peuvent être achetés entièrement (25"), coupés dans leur longueur et profilés sur demande. Envoyer nous un croquis ou un échantillon du bois ou encore un dossier DXF de votre profil et nous nous chargerons du reste.

Qualité AKM = Acier semi-rapide avec les caractéristiques similaires à la Qualité M-2 haute longévité.

Qualité HPS = Fournit une usure excellente vie. Haute ténacité & résistance à la rupture

Avec Carbure = Incruster disponibles en différent largeurs.

PART NO. WITH * NORMALLY IN STOCK

AKM Square back

PART NO.	LENGTH (L)	WIDTH (H)	THICKNESS (S)
579-AK-6X30	25"	30mm (1-3/16")	6mm (1/4")
579-AK-6X40	25"	40mm (1-1/2")	6mm (1/4")
579-AK-6X45	25"	45mm (1-3/4")	6mm (1/4")
579-AK-6X50	25"	50mm (2")	6mm (1/4")
579-AK-6X60	25"	60mm (2-3/8")	6mm (1/4")
579-AK-6X65	25"	65mm (2-1/2")	6mm (1/4")
579-AK-8X30	25"	30mm (1-3/16")	8mm (5/16")
579-AK-8X40	25"	40mm (1-1/2")	8mm (5/16")
579-AK-8X45	25"	45mm (1-3/4")	8mm (5/16")
579-AK-8X50	25"	50mm (2")	8mm (5/16")
579-AK-8X60	25"	60mm (2-3/8")	8mm (5/16")
579-AK-8X65	25"	65mm (2-1/2")	8mm (5/16")
579-AK-8X70	25"	70mm (2-3/4")	8mm (5/16")

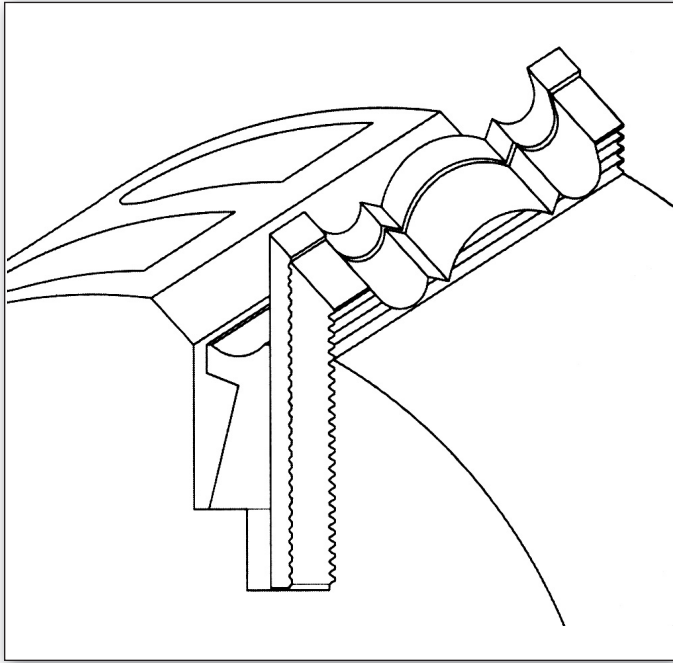
Carbide Tipped Square back

PART NO.	LENGTH (L)	WIDTH (H)	THICKNESS (S)	C/T LENGTH
579-CT-6X45-20*	25"	45mm (1-3/4")	6mm (1/4")	20mm (3/4")
579-CT-6X50-20*	25"	50mm (2")	6mm (1/4")	20mm (3/4")
579-CT-6X60-20	25"	60mm (2-3/8")	6mm (1/4")	20mm (3/4")
579-CT-6X50-25*	25"	50mm (2")	6mm (1/4")	25mm (1")
579-CT-6X60-25*	25"	60mm (2-3/8")	6mm (1/4")	25mm (1")
579-CT-6X60-30*	25"	60mm (2-3/8")	6mm (1/4")	30mm (1-3/16")
579-CT-8X30-10	25"	30mm (1-3/16")	8mm (5/16")	10mm (3/8")
579-CT-8X35-10	25"	35mm (1-3/8")	8mm (5/16")	10mm (3/8")
579-CT-8X50-25*	25"	50mm (2")	8mm (5/16")	25mm (1")

HPS Square back

PART NO.	LENGTH (L)	WIDTH (H)	THICKNESS (S)
579-HPS-6X40*	25"	40mm (1-1/2")	6mm (1/4")
579-HPS-6X45*	25"	45mm (1-3/4")	6mm (1/4")
579-HPS-6X50*	25"	50mm (2")	6mm (1/4")
579-HPS-6X55	25"	55mm (2-1/8")	6mm (1/4")
579-HPS-6X60*	25"	60mm (2-3/8")	6mm (1/4")
579-HPS-6X70	25"	70mm (2-3/4")	6mm (1/4")
579-HPS-8X40*	25"	40mm (1-1/2")	8mm (5/16")
579-HPS-8X45*	25"	45mm (1-3/4")	8mm (5/16")
579-HPS-8X50*	25"	50mm (2")	8mm (5/16")
579-HPS-8X55*	25"	55mm (2-1/8")	8mm (5/16")
579-HPS-8X60*	25"	60mm (2-3/8")	8mm (5/16")
579-HPS-8X65	25"	65mm (2-1/2")	8mm (5/16")
579-HPS-8X70*	25"	70mm (2-3/4")	8mm (5/16")

SuperPac Corrugated Knife System
Système de couteaux crantés "SuperPac"



ART. 579BP

SuperPac Carbide Knife Sets

- Full corrugations
- Selected grades of carbide
- More sharpenings
- Abrasion resistant

Full corrugations on both the backer and the knife give a perfect fit!

NEW - 4 different carbide grades to do all your requirements.

SuperPac offers you more flexibility, reliability and versatility than any other similar system.

- Available in 38mm, 50mm and 60mm widths.
- Sub-micron grades help you achieve the longest life in wood and plastic applications.
- Special grades for solid woods, particleboard and MDF.
- SuperPac can be used in speeds up to 9000 RPM.
- Fits all cutterheads with 60° back corrugation.
- Multiple regrinding is possible and -because of the positioning system- only the carbide needs to be reground.

Cutting edge projection

Cutting edge projection between blank and backing plate:
 $s=3.2\text{mm}$ (1/8")

Maximum Profile depth

Width (W)	Profile depth (P)
38mm (1-1/2")	For planing only
50mm (2")	12mm (1/2")
60mm (2-3/8")	22mm (7/8")

Lot de couteaux en carbure "SuperPac"

- crantage complet
- carbure spécialement sélectionné
- plus d'affûtages
- résistant à l'abrasion

Le avantage complet de la plaquette d'appui et du couteau lui donne une forme parfaite!

NOUVEAU !

4 différents niveaux de carbure pour répondre à toutes vos exigences.

SuperPac vous offre plus de flexibilité, de fiabilité et de polyvalence que tout autre système similaire.

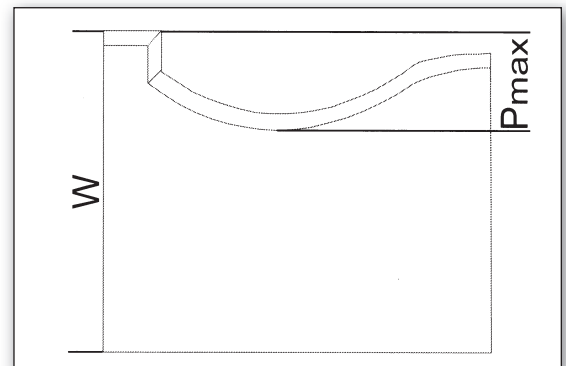
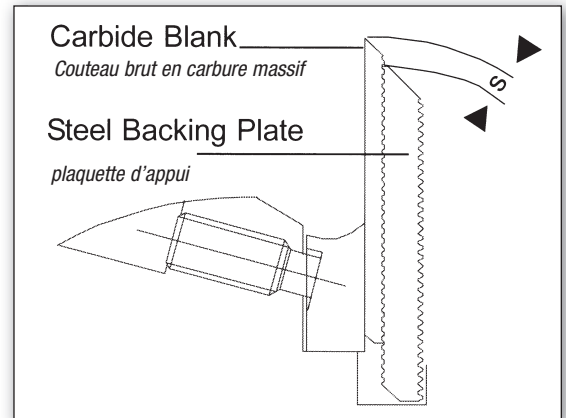
- disponibles en 38mm, 50mm et 60mm de large.
- les différents degrés de micro-grains vous aideront à atteindre une durée de vie optimale dans le travail de bois et du plastique.
- degrés spéciaux pour bois massifs, bois à particules et MDF.
- SuperPac peut être utilisée à une vitesse égalant jusqu'à 9000 tr/min.
- convient à tout type de porte-outils ayant des crans de 60°.
- de nombreux affûtages sont possibles et grâce au positionnement du système, seule le carbure nécessite d'être réaffûté.

Estimation des tranchants

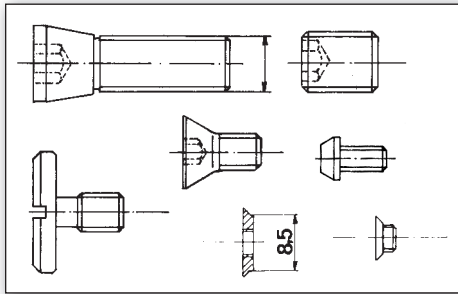
Estimation des tranchants entre le couteau brut et la plaquette d'appui.
 $s=3.2\text{mm}$ (1/8")

Profondeur maximum du profil

Largeur (W)	Profondeur du profil (P)
38mm (1-1/2")	pour le rabotage seulement
50mm (2")	12mm (1/2")
60mm (2-3/8")	22mm (7/8")



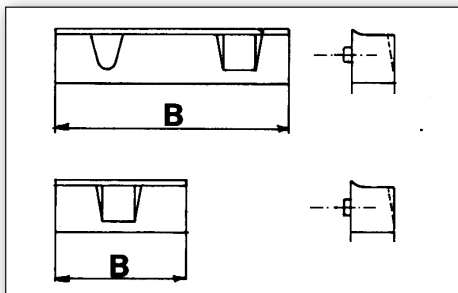
ART. 580 - Screws (Various)



Screws, bolts and nuts in many styles are available from Stock or on Special Order.

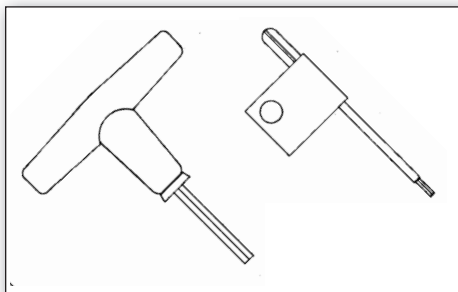
Les vis, les boulons et les écrous sont disponibles dans de nombreux styles à partir du stock ou sur commande.

ART. 581 - Wedges, Gibs



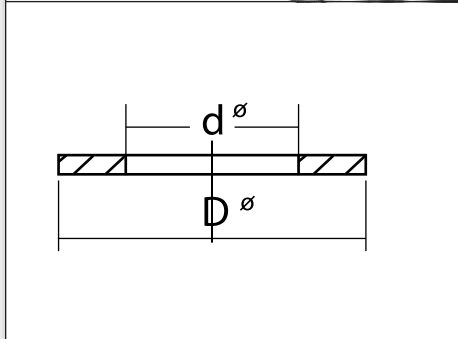
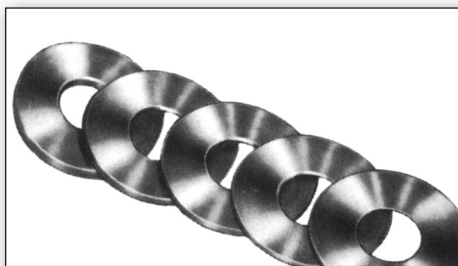
Knife clamping elements, (Gibs & Wedges) and T.O.K. Knife Setting Gauges from various manufacturers are available for a wide variety of cutting tools, cutters and router bits.

ART. 582 - Keys, Wrenches & Screwdrivers



A wide variety of "Hex" and "Torx®" Allan Keys, and Torx® Screwdrivers available from Stock.

ART. 583 - Spacer Rings & Shims

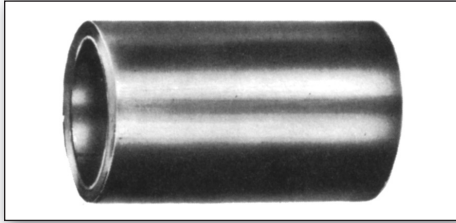


DIA.	BORE	THICKNESS
80mm	22mm	0.1, 0.2, 0.3
63mm	30mm	0.1, 0.3, 1.0, 4, 6, 10
63mm	35mm	0.1, 0.3, 1.0, 4, 6, 10
65mm	40mm	0.1, 0.3, 1.0, 4, 6, 10
70mm	50mm	0.1, 0.3, 1.0, 3, 4, 5, 8, 10
75mm	58mm	0.1, 0.3, 1.0, 3, 4, 5, 6, 8, 10, 12, 14, 16
80mm	60mm	0.1, 0.3, 1.0
85mm	65mm	0.1, 0.3, 1.0, 3, 4, 5, 6, 8, 10, 12, 14, 16

Imperial Sizes

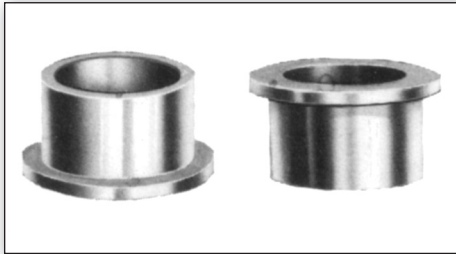
DIA.	BORE	THICKNESS
5/8"	3/8"	.002, .003, .005, .010, .020
3/4"	1/2"	.002, .003, .005, .010, .020
1-1/8"	3/4"	.002, .003, .005, .010, .020
1-1/2"	1"	.002, .003, .005, .010, .020
1-3/4"	1-1/4"	.002, .003, .005, .010, .020, .031, .062

ART. 584 - Sleeve Type Cutter Bushings / Bagues à manchons pour fraise



DIA.	BORE	LENGTH
Up to 1-1/4"	3/4" - 7/8" - 1" - 1-1/8"	3/8" - 1/2" - 5/8" - 3/4" - 1" - 1-1/4"
Up to 2"	3/4" - 1" - 1-1/4" - 1-1/2" - 1-3/4"	3/8" - 1/2" - 5/8" - 3/4" - 1" - 1-1/4"
Up to 35mm	25 - 20 - 32mm	15 - 20 - 25 - 30 - 35 - 40
Up to 40mm	30 - 32 - 35mm	15 - 20 - 25 - 30 - 35 - 40
Up to 50mm	30 - 32 - 35 - 40 - 45mm	15 - 20 - 25 - 30 - 35 - 40

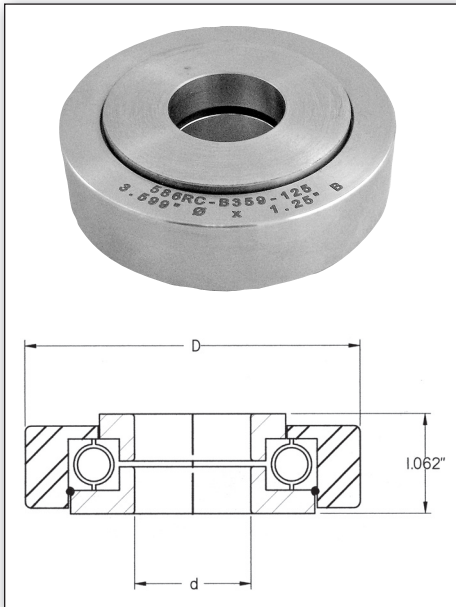
ART. 585 - Flange Type Cutter Bushings / Bagues à embase pour fraise



DIA.	BORE	LENGTH
Up to 1-1/4"	3/4" - 7/8" - 1" - 1-1/8"	1/4" - 1/2" - 3/4"
Up to 2"	3/4" - 1" - 1-1/4" - 1-1/2" - 1-3/4"	1/4" - 1/2" - 3/4"
Up to 30mm	3/4" - 1" - 25mm	1/4" - 1/2" - 3/4"
Up to 35mm	1" - 1-1/4" - 30 - 32mm	1/4" - 1/2" - 3/4"
Up to 40mm	1-1/4" 1-3/8" - 30 - 35mm	1/4" - 1/2" - 3/4"
Up to 50mm	1-1/4" - 1-3/8" 1-1/2" - 35 - 40mm	1/4" - 1/2" - 3/4"

ART. 586RC - Ball Bearing Rub Collars & Rings

Bagues pour le roulement à billes



PART NO.	D=DIA.	d=BORE
586RC-B300	3"	1-1/4"
586RC-B325	3-1/4"	1-1/4"
586RC-B350	3-1/2"	1-1/4"
586RC-B359	91mm	1-1/4"
586RC-B393	100mm	1-1/4"
586RC-B400	4"	1-1/4"
586RC-B450	4-1/2"	1-1/4"
586RC-B500	5"	1-1/4"

Other sizes on request

Replacement Bearings

Remplacements des roulement à billes

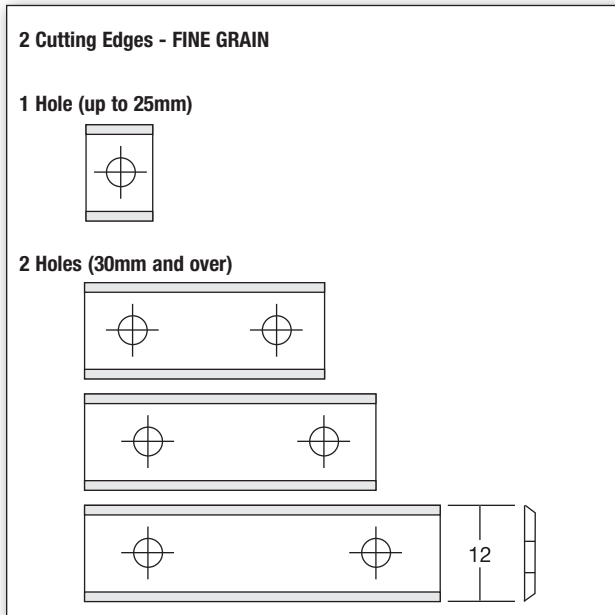
PART NO.	D=DIA.	D1=BEARING DIA.	B=THICKNESS
586-6008-2RZ	68mm	40mm Bore	15mm

Replacement Rings

Remplacements de bagues

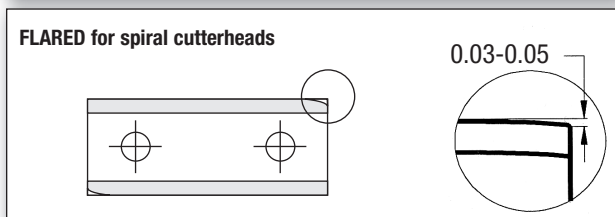
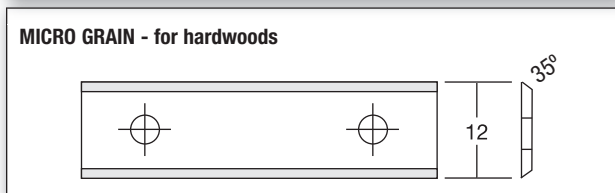
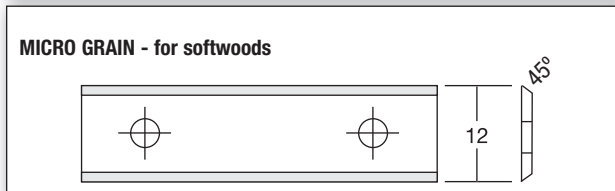
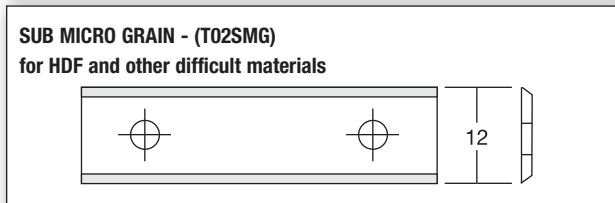
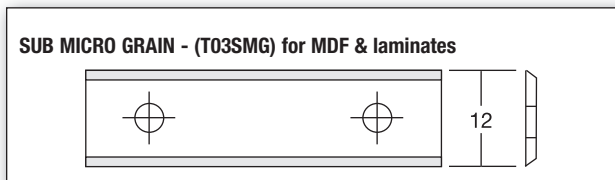
PART NO.	
586A	specify size

Solid Carbide Inserts Plaquettes en carbure



PART NO.	DIMENSIONS
590-0075	7.5 x 12 x 1.5
590-0096	9.6 x 12 x 1.5
590-0105	10.5 x 12 x 1.5
590-0110	11 x 12 x 1.5
590-0130	13 x 12 x 1.5
590-0136	13.6 x 12 x 1.5
590-0150	15 x 12 x 1.5
590-0155	15.7 x 12 x 1.5
590-0200	20 x 12 x 1.5
590-0250	25 x 12 x 1.5
590-0300	30 x 12 x 1.5
590-0350	35 x 12 x 1.5
590-0400	40 x 12 x 1.5
590-0450*	44.5 x 15 x 1.5
590-0500	50 x 12 x 1.5
590-0600	60 x 12 x 1.5
590-0800	80 x 13 x 2.2
590-1000	100 x 13 x 2.2
590-1200	120 x 13 x 2.2

*OPPOLD



PART NO.	DIMENSIONS
590S-0150	15 x 12 x 1.5
590S-0200	20 x 12 x 1.5
590S-0300	30 x 12 x 1.5
590S-0400	40 x 12 x 1.5
590S-0500	50 x 12 x 1.5
590S-0600	60 x 12 x 1.5
590SM-0150	15 x 12 x 1.5
590SM-0200	20 x 12 x 1.5
590SM-0300	30 x 12 x 1.5
590SM-0400	40 x 12 x 1.5
590SM-0500	50 x 12 x 1.5
590SM-0600	60 x 12 x 1.5

PART NO.	DIMENSIONS
590SS-0200	20 x 12 x 1.5
590SS-0300	30 x 12 x 1.5
590SS-0500	50 x 12 x 1.5

PART NO.	DIMENSIONS
590W-0200	20 x 12 x 1.5
590W-0300	30 x 12 x 1.5
590W-0400	40 x 12 x 1.5
590W-0500	50 x 12 x 1.5
590W-0600	60 x 12 x 1.5

PART NO.	DIMENSIONS
590SP-0200	20 x 12 x 1.5
590SP-0300	30 x 12 x 1.5
590SP-0500	50 x 12 x 1.5

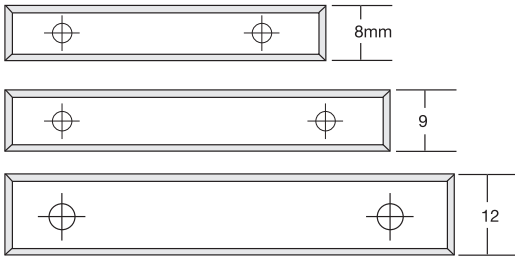
Solid Carbide Inserts
Plaquettes en carbure

2 Cutting Edges



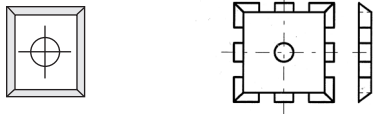
PART NO.	DIMENSIONS
590T-0150	14.6 x 9 x 1.5
590T-0200	20 x 9 x 1.5
590T-0300	30 x 9 x 1.5
590T-0400	40 x 9 x 1.5
590T-0500	50 x 9 x 1.5

4 Cutting Edges



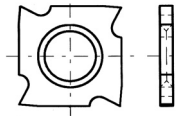
PART NO.	DIMENSIONS
591-2008	20 x 8 x 1.5
591-3008	30 x 8 x 1.5
591-5008	50 x 8 x 1.5
591-2009	20 x 9 x 1.5
591-3009	30 x 9 x 1.5
591-5009	50 x 9 x 1.5
591-2012	20 x 12 x 1.5
591-3012	30 x 12 x 1.5
591-4012	40 x 12 x 1.5
591-5012	50 x 12 x 1.5

4 Cutting Edges (square)



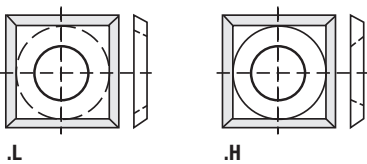
PART NO.	DIMENSIONS
591-0909	9 x 9 x 1.5
591-1111	10.5 x 10.5 x 1.5
591-1212	12 x 12 x 1.5 35°
591-1212 45DEG	12 x 12 x 1.5 45°
591-1515	15 x 15 x 2.0
591-1515CB	15 x 15 x 2.0
591-1717	17 x 17 x 2.0
591-1919	19 x 19 x 2.0

4 Cutting Edges (Raker for Groovers)



PART NO.	DIMENSIONS
591-1819	18 x 18 x 1.95
591-1824	18 x 18 x 2.45
591-1829	18 x 18 x 2.95
591-1837	18 x 18 x 3.70

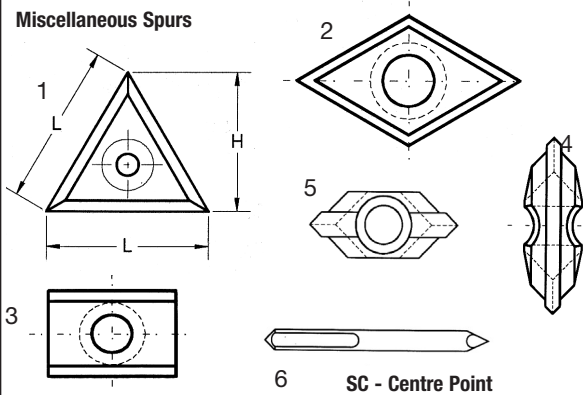
4 Cutting Edges (spurs) countersunk centre hole



PART NO.	DIMENSIONS
592-1313.0	13.0 x 13.0 x 2.5 (O)
592-1313	13.6 x 13.6 x 2.0
592-1414.L	14.0 x 14.0 x 1.2 (L)
592-1414.H	14.0 x 14.0 x 1.2 (H)
592-1414	14.0 x 14.0 x 2.0
592-143143	14.3 x 14.3 x 2.5
592-146146	14.6 x 14.6 x 2.5
592-1515	15.0 x 15.0 x 2.5

O = Oppold L = Lamello H = Holz-Her

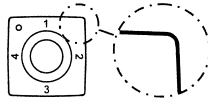
Miscellaneous Spurs



PART NO.	DIMENSIONS	#
592-0001	22 x 19 x 2.0	1
592-0002	14 x 14 x 2.0	2
592-0003	20 x 14.3 x 2.5	3
592-0004	Leuco System	4
592-0005	Howema System	5
592-0006	Leuco System	6

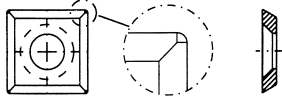
Solid Carbide Inserts
Plaquettes en carbure

Special eased edge knives
for spiral planer heads
4 Cutting Edges



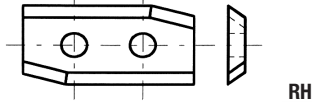
PART NO.	DIMENSIONS
592-0007	15 x 15 x 2.5

Special eased edge knives
straight with rounded edges
for spiral planer heads
4 Cutting Edges



PART NO.	DIMENSIONS
592-0009	15 x 15 x 2.5

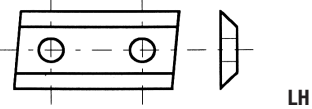
Reich - Holz-Her
Trim Knives
15° Bevel
Back of knife shown



PART NO.	DIMENSIONS
593-H30L	30 x 12 x 1.5 LH
593-H30R	30 x 12 x 1.5 RH

"V" Groove Knives
5° Bevel

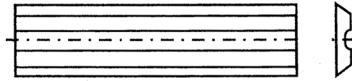
Back of knife shown



PART NO.	DIMENSIONS
593-V30L	30 x 12 x 1.5 LH
593-V30R	30 x 12 x 1.5 RH
593-V50L	50 x 12 x 1.5 LH
593-V50R	50 x 12 x 1.5 RH

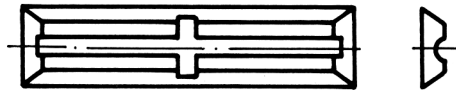
Mini-Turnover Knives / Mini couteaux réversibles

2 Cutting Edges - Back Groove



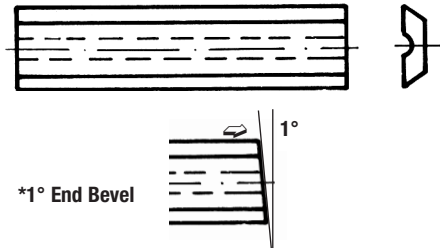
PART NO.	DIMENSIONS
594B-1255	12 x 5.5 x 1.1
594B-2055	20 x 5.5 x 1.1
594B-3055	30 x 5.5 x 1.1
594B-5055	50 x 5.5 x 1.1

4 Cutting Edges - Back Groove



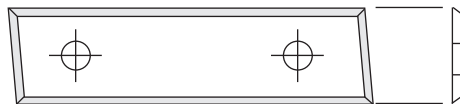
PART NO.	DIMENSIONS
594L-2041	20 x 4.1 x 1.1
594L-2055	20 x 5.5 x 1.1
594L-3055	30 x 5.5 x 1.1
594L-4055	40 x 5.5 x 1.1
594L-5055	50 x 5.5 x 1.1

2 Cutting Edges - Face Groove



PART NO.	DIMENSIONS
594F-1255	12 x 5.5 x 1.1
594F-2055	20 x 5.5 x 1.1
594F-3055	30 x 5.5 x 1.1
594F-3955*	39.8 x 5.5 x 1.1
594F-4055	40 x 5.5 x 1.1
594F-5055	50 x 5.5 x 1.1
594F-1280	11.7 x 8.0 x 1.5
594F-1580	14.7 x 8.0 x 1.5
594F-2080	19.7 x 8.0 x 1.5
594F-3080	30 x 8.0 x 1.5

4 Cutting Edges - Bevel End



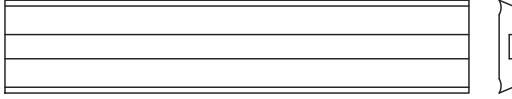
Back of knife shown

RH

PART NO.	DIMENSIONS
595-2009L	20 x 9.0 x 1.5 LH
595-2009R	20 x 9.0 x 1.5 RH
595-3090L	30 x 9.0 x 1.5 LH
595-3090R	30 x 9.0 x 1.5 RH
595-4090L	40 x 9.0 x 1.5 LH
595-4090R	40 x 9.0 x 1.5 RH
595-5090L	50 x 9.0 x 1.5 LH
595-5090R	50 x 9.0 x 1.5 RH
595-2012L	20 x 12.0 x 1.5 LH
595-2012R	20 x 12.0 x 1.5 RH
595-3012L	30 x 12.0 x 1.5 LH
595-3012R	30 x 12.0 x 1.5 RH
595-4012L	40 x 12.0 x 1.5 LH
595-4012R	40 x 12.0 x 1.5 RH
595-5012L	50 x 12.0 x 1.5 LH
595-5012R	50 x 12.0 x 1.5 RH

Solid Carbide Inserts
Plaquettes en carbure

2 Cutting Edges - "Versafix" Titanium Coated



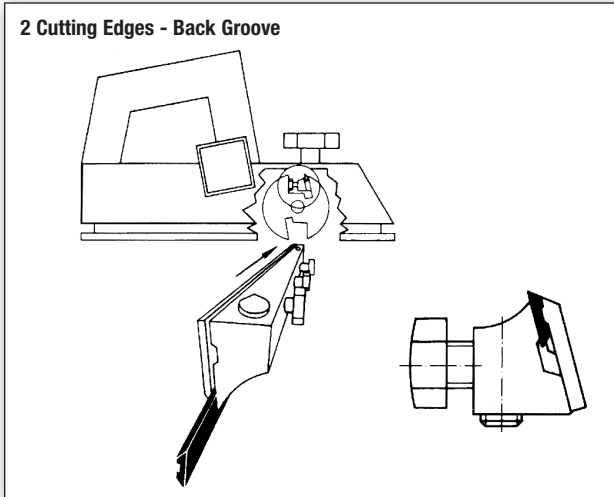
PART NO.	DIMENSIONS
595G-2055	20 x 5.5 x 1.1
595G-3065	30 x 6.5 x 1.1
595G-3010	30 x 10 x 1.5
595G-5010	50 x 10 x 1.5

Also available without titanium coating on request.
Use part number 595S-...

Les plaquettes sont également disponibles sans revêtement de titane sur demande. Utiliser le nombre 595S-...

Mini-Turnover Knives for Portable Planers
Mini couteaux réversibles pour rabots portatifs

2 Cutting Edges - Back Groove

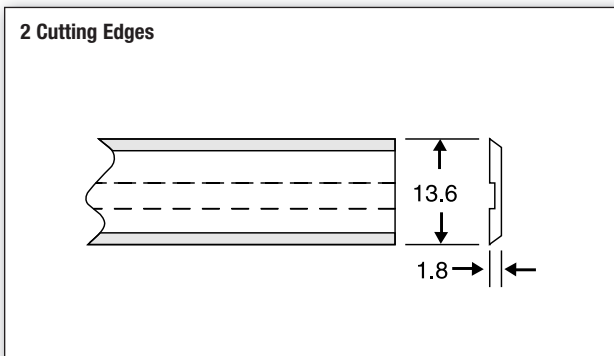


PART NO.	DIMENSIONS
596-5655	56 x 5.5 x 1.1 Adler
596-6055	60 x 5.5 x 1.1 Wegoma
596-7555	75.5 x 5.5 x 1.1 AEG, Bosch, Festo, Haffner, Kress, Mafell, Metabo, Scheer, Skil, Holz-Her
596-8059	80.5 x 5.9 x 1.1 Elu
596-8255	82 x 5.5 x 1.1 AEG, B&D, Bosch, ALU, Fein, Felisatti, Haffner Hitachi, Holz-Her, Mafell, Makita, Metabo, Peugeot, Ryobi, Skil

Carbide Reversible Knives for Garniga® -
"BULLDOZER" Planer Head

Couteaux réversibles en carbure pour Graniga -
"BULLDOZER" raboteuse

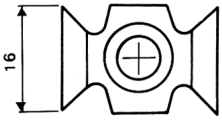
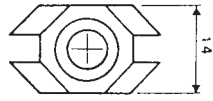
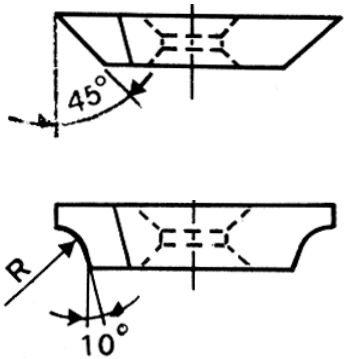
2 Cutting Edges

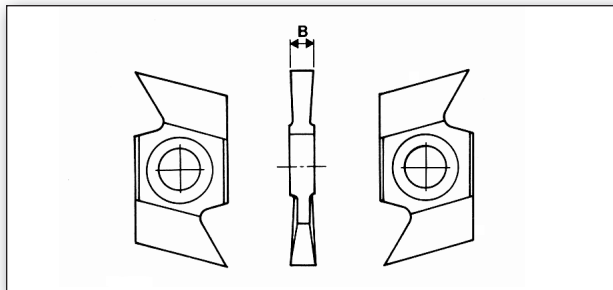


PART NO.	DIMENSIONS
598-100HM	100 x 13.6 x 1.8
598-120HM	120 x 13.6 x 1.8
598-130HM	130 x 13.6 x 1.8
598-150HM	150 x 13.6 x 1.8
598-180HM	180 x 13.6 x 1.8
598-200HM	200 x 13.6 x 1.8
598-230HM	230 x 13.6 x 1.8
598-250HM	250 x 13.6 x 1.8

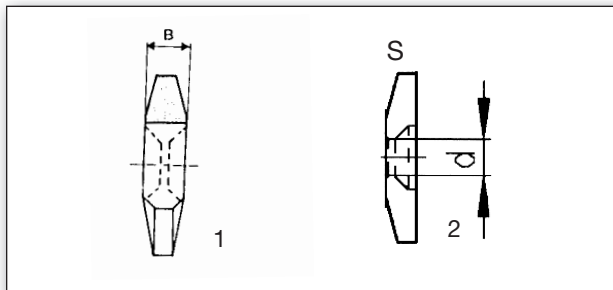
Miscellaneous Bevel & Radius Knives

Divers couteaux à ébarber des rayons et des angles

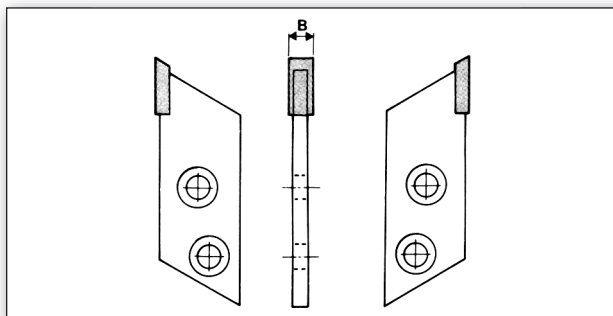
TYPE / MODÈLE		
	PART NO.	PART NO.
	599A-1.5R 16.0 x 22.0 x 5.0	599B-1.5R
	599A-2.0R 16.0 x 22.0 x 5.0	----
	599A-2.5R 16.0 x 22.0 x 5.0	----
	599A-3.0R 16.0 x 22.0 x 5.0	599B-3.0R
	599A-4.0R 16.0 x 22.0 x 5.0	599B-45
	599A-45 16.0 x 22.0 x 5.0	599B-45
	599A-5.0R 16.0 x 22.0 x 5.0	----



PART NO.	B
599C-025	2.5 x 34
599C-030L	3 x 34
599C-030R	3 x 34
599C-035	3.5 x 36
599C-040	4 x 37
599C-050	5 x 37
599C-060	6 x 37

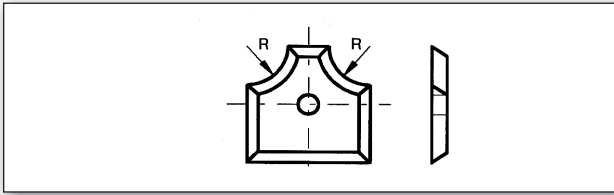


PART NO.	#	B
599D-050	1	3 x 5 x 37
599D-060	1	3.4 x 6 x 31
599D-025	2	2.5 x 2W



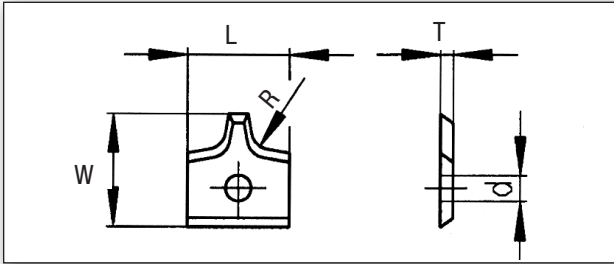
PART NO.	B
599E-030L	3 x 44
599E-030R	3 x 44
599E-040	4 x 44
599E-050	5 x 44
599E-060	6 x 44
599E-080	8 x 44

Solid Carbide Profiled Turnover Knives
Plaquettes réversibles profilées en carbure



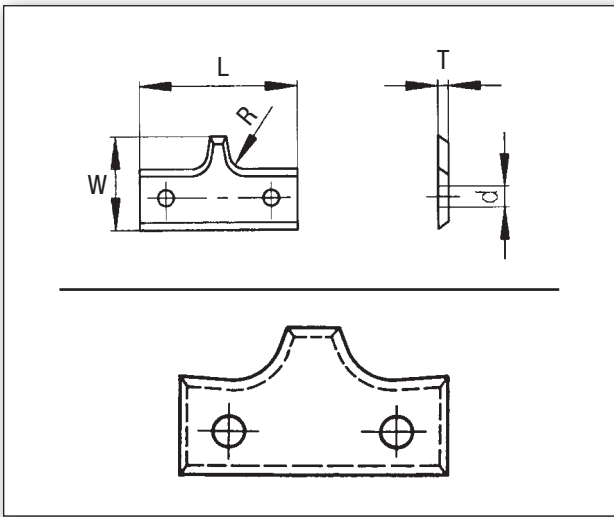
System: HOLZ-HER

PART NO.	L	W	T	Rad	Hole
600-002	12	12	1.5	2	4mm
600-003	12	12	1.5	3	4mm
600-004	12	12	1.5	4	4mm



System: HOMAG/IMA

PART NO.	L	W	T	Rad	Hole
602-002	16	17.5	2.0	2	4mm
602-003	16	17.5	2.0	3	4mm
602-003A	16	17.5	2.0	3	3.5mm
602-004	16	17.5	2.0	4	4mm
602-005	16	17.5	2.0	5	4mm
602-006	16	17.5	2.0	6	4mm

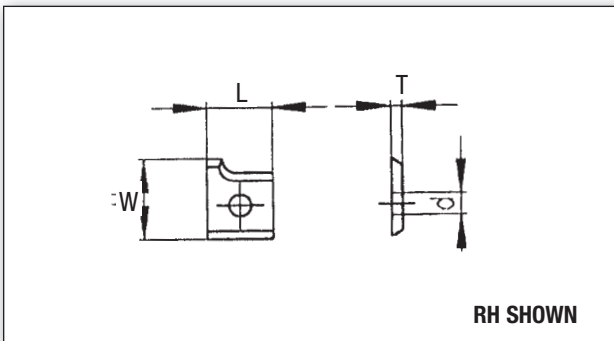


System: HOMAG

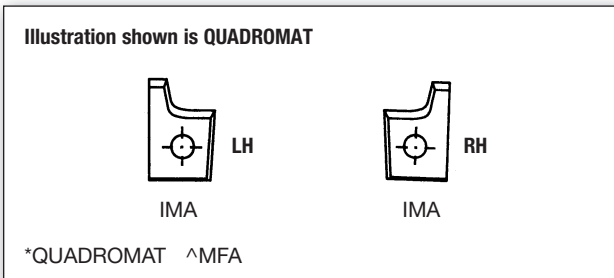
PART NO.	L	W	T	Rad	Hole
604-002	20.8	15	2.0	2	4mm
604-003	20.8	15	2.0	3	4mm
604-004	20.8	15	2.0	4	4mm
604-005	30.0	17	2.0	5	4mm
604-006	30.0	17	2.0	6	4mm
604-007	30.0	17	2.0	7	4mm
604-008	30.0	17	2.0	8	4mm

System: IMA

PART NO.	L	W	T	Rad	Hole
606-005	30.5	16.5	2.0	5	4mm
606-006	30.5	16.5	2.0	6	4mm
606-007	30.5	16.5	2.0	7	4mm
606-008	30.5	16.5	2.0	8	4mm

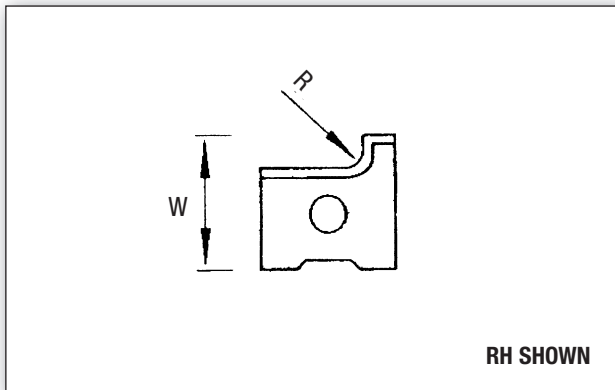


PART NO.	L	W	T	Rad	Hole
608-002L	12	14.5	2.0	2	4mm
608-002R	12	14.5	2.0	2	4mm
608-025L	12	14.5	2.0	2.5	4mm
608-025R	12	14.5	2.0	2.5	4mm
608-003L	12	14.5	2.0	3	4mm
608-003R	12	14.5	2.0	3	4mm
608-019L	19.6	15.2	2.0	2	4mm
608-019R	19.6	15.2	2.0	2	4mm
608-021L	19.6	15.2	2.0	3	4mm
608-021R	19.6	15.2	2.0	3	4mm

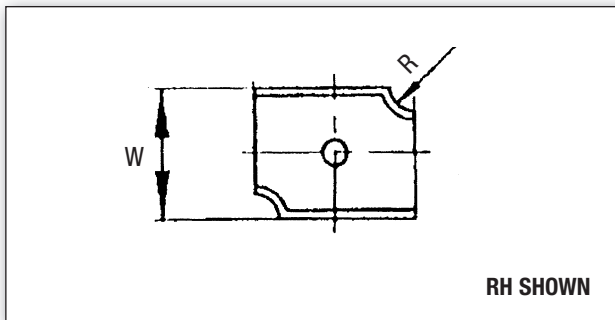


PART NO.	L	W	T	Rad	Hole
610-002L *	12	18	2.0	2	4mm
610-002R *	12	18	2.0	2	4mm
610-003L ^	12	18	2.0	3	4mm
610-003R ^	12	18	2.0	3	4mm
610-028L *	12	18	2.0	3	4mm
610-028R *	12	18	2.0	3	4mm
610-029L ^	12	18	2.0	2	4mm
610-029R ^	12	18	2.0	2	4mm

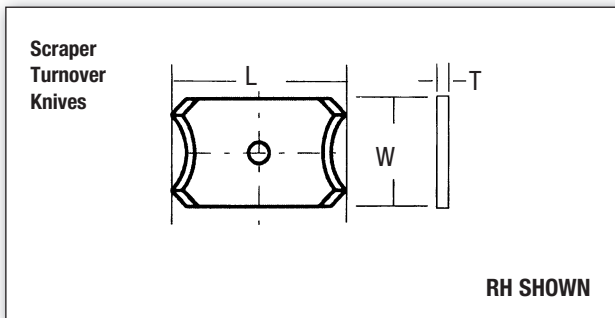
Solid Carbide Profiled Turnover Knives
Plaquettes réversibles profilées en carbure



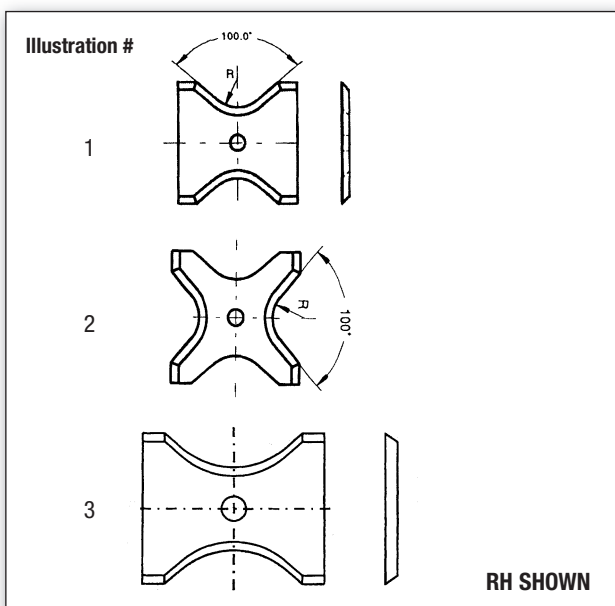
PART NO.	L	W	T	Rad	Hole
612-002L	15	14.5	2.0	2	4mm
612-002R	15	14.5	2.0	2	4mm
612-025L	15	14.5	2.0	2.5	4mm
612-025R	15	14.5	2.0	2.5	4mm
612-003L	15	14.5	2.0	3	4mm
612-003R	15	14.5	2.0	3	4mm
612-004L	16.1	14.0	2.0	2	5mm
612-004R	16.1	14.0	2.0	2	5mm
612-005L	16.1	14.0	2.0	3	5mm
612-005R	16.1	14.0	2.0	3	5mm



PART NO.	L	W	T	Rad	Hole
614-003L	20	16	2.0	3	3mm
614-003R	20	16	2.0	3	3mm
614-002L	30	14	2.0	2	4mm
614-002R	30	14	2.0	2	4mm
614-025L	30	14	2.0	2.5	4mm
614-025R	30	14	2.0	2.5	4mm
614-030L	30	14	2.0	3	4mm
614-030R	30	14	2.0	3	4mm



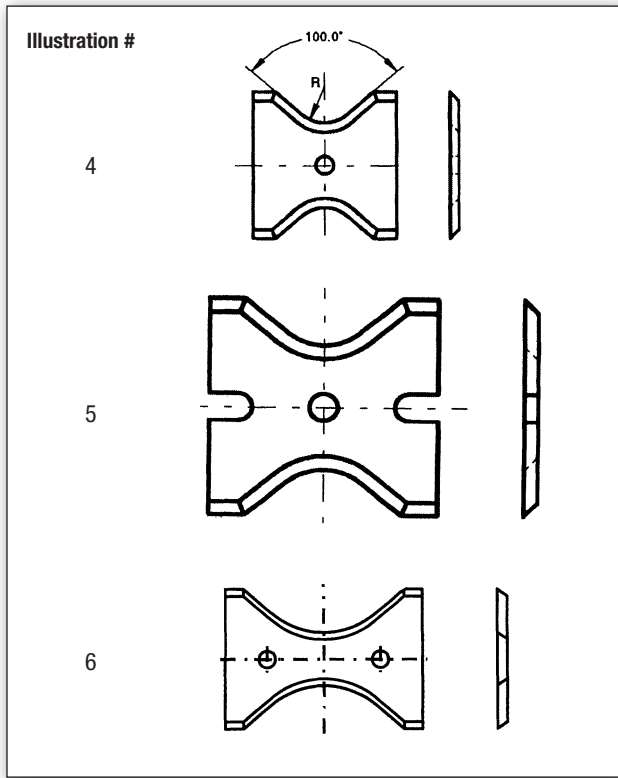
PART NO.	L	W	T	Rad	Hole	A°
616-001	20	12	2.0	1	4mm	6
616-002	20	12	2.0	2	4mm	6
616-003	20	12	2.0	3	4mm	6
616-004	20	12	2.0	4	4mm	6
616-005	20	12	2.0	5	4mm	6
616-006	20	12	2.0	1	4mm	15
616-007	20	12	2.0	2	4mm	15
616-008	20	12	2.0	3	4mm	15



System: LEUCO

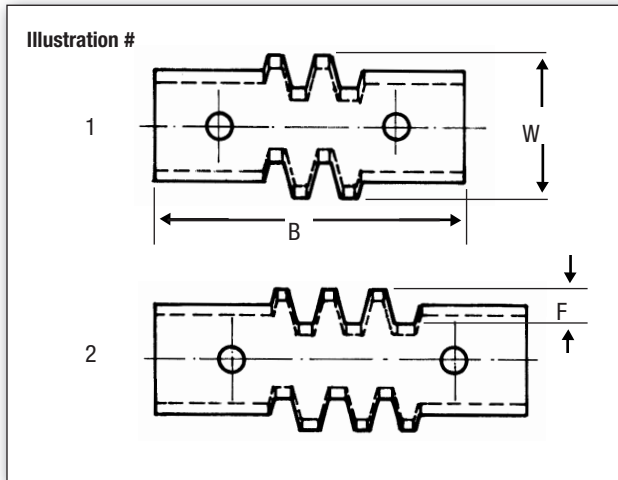
PART NO.	L	W	T	Rad	Hole	#
618-002	13	16	2.0	2	4mm	1
618-003	13	16	2.0	3	4mm	1
618-004	13	16	2.0	4	4mm	1
618-005	20	21	2.0	5	4mm	2
618-006	20	21	2.0	6	4mm	2
618-007	20	21	2.0	7	4mm	2
618-008	20	21	2.0	8	4mm	2
618-009	26	24	2.0	9	4mm	2
618-010	26	24	2.0	10	4mm	2
618-011	26	24	2.0	11	4mm	2
618-012	26	24	2.0	12	4mm	2
618-013	26	24	2.0	13	4mm	2
618-014	30	25	2.0	14	4mm	3
618-015	30	25	2.0	15	4mm	3
618-016	30	25	2.0	16	4mm	3

Solid Carbide Profiled Turnover Knives
Plaquettes réversibles profilées en carbure



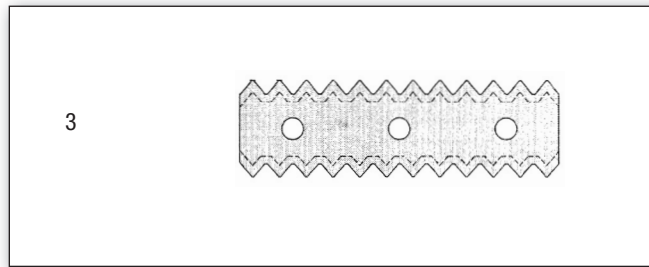
System: HOWEMA

PART NO.	L	W	T	Rad	Hole	#
620-002	13	14	1.5	2	3.2	4
620-003	13	14	1.5	3	3.2	4
620-004	13	14	1.5	4	3.2	4
620-005	20	16	2.0	5	3.2	5
620-006	20	16	2.0	6	3.2	5
620-007	20	16	2.0	7	3.2	5
620-008	20	16	2.0	8	3.2	5
620-009	26	18	2.0	9	3.2	5
620-010	26	18	2.0	10	3.2	5
620-011	26	18	2.0	11	3.2	5
620-012	26	18	2.0	12	3.2	5
620-0125	26	18	2.0	12.5	3.2	5
620-013	30	20	2.0	13	3.2	5
620-014	30	20	2.0	14	3.2	5
620-015	30	20	2.0	15	3.2	5
620-016	30	20	2.0	16	3.2	5
620-017	40	28	2.0	17	3.2	6
620-018	40	28	2.0	18	3.2	6
620-019	40	28	2.0	19	3.2	6
620-020	40	28	2.0	20	3.2	6

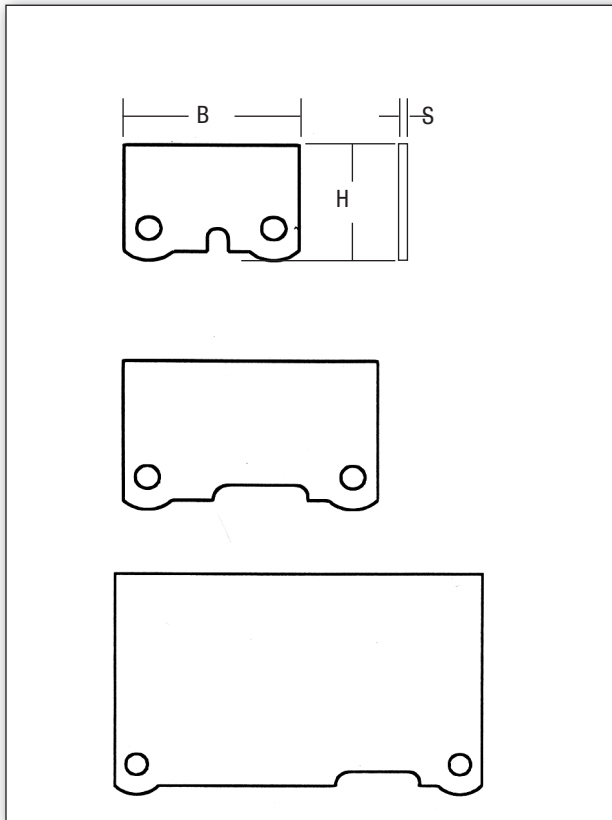


Glue Joint Knives - Double Profile

PART NO.	L	W	T	F	Illust. #
625-002	50	21.6	2.0	5	1
625-003	60	22.8	2.0	5	2
625-004	60	18.0	2.0	3	3



Solid Carbide Multi-Profiler Blank Inserts and Backing Plates
Plaquettes brutes Multi-Profiler en carbure et plaquettes d'appui



Inserts for Leuco-Super-Profiler System
Plaquettes pour Leuco-Super-Profiler System

PART NO.	B	H	S
630-3126	31	26	1.5
630-4128	41	28	1.5
630-5135	51	35	1.5
630-6131	61	31	1.5
630-6145	61	45	2.0
630-8145	81	45	2.0

Backing Plates for Leuco-Super-Profilers
Plaquettes d'appui pour Leuco-Super-Profiler

PART NO.	B	H	S
630B-3126	31	26	4
630B-4128	41	28	4
630B-5135	51	35	4
630B-6131	61	31	4
630B-6145	61	45	4
630B-8145	81	45	4

C4 Grade Carbide inserts supplied unless specified otherwise.

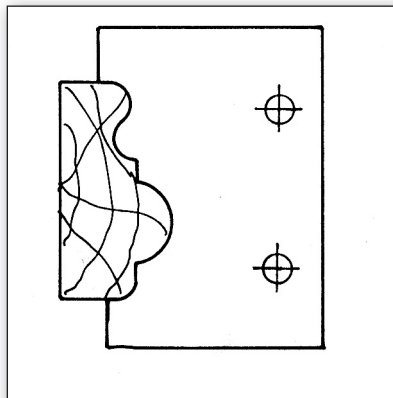
Pins = 583-PIN.3x8

Blank Inserts / Backer Plates - Series #632-0000
Plaquettes Brutes / plaquettes d'appui - Series #632-000

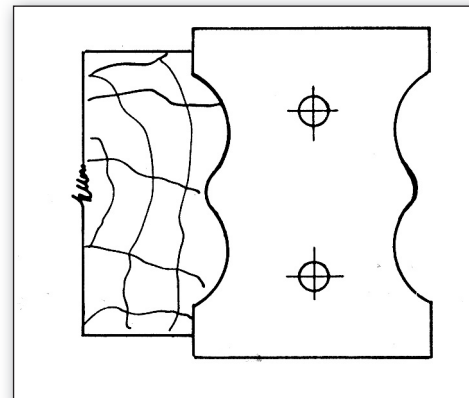
We also offer a wide variety of inserts and backer plates for other manufacturers cutterheads.

Nous offrons également une grande variété de plaquettes et de plaquettes d'appui pour d'autres fabricants de porte-outils.

**TC one-way profile knives
with single edged profile**



**TC turnover profile knives with double
edged profile**



Technical information Informations techniques

The following charts represent generally recommended hook angles, knife marks per inch and feed rate and finish for different species of wood. They are intended to be used as a guideline.
Les tableaux suivants représentent les angles d'inclinaison de la lame, les couteaux par nombre de marques par inch, la vitesse d'avance et les finitions selon les différentes essences de bois. Ils ont pour but d'être utilisés comme indication.

Cutting Chart

Angle de coupe selon le type de bois

Wood Species	Kiln dried	Wet or Green
Ash	10°	15°
Basswood	10°	22°
Beech	10°	15°
Birch	10°	15°
Cedar	15°	25°
Cherry	10°	15°
Chestnut	10°	15°
Cottonwood	10°	15°
Cypress	10°	15°
Elm, Soft	10°	10°
Fir	15°	15°
Gum	20°	25°
Hemlock	15°	22°
Hickory	10°	15°
Mahogany	10°	15°
Maple	10°	15°
Oak	10°	15°
Pine	20°	22°
Poplar	20°	30°
Redwood	10°	15°
Spruce	20°	25°
Sycamore	10°	15°
Walnut	10°	15°

Knife Marks Per Inch

initiation et vitesse d'avancement

For the following species, keep knife marks per inch within the following parameters.

Wood Species	Marks per Inch	Wood Species	Marks per Inch
Ash	11-14	Gum	9-14
Basswood	8-12	Hemlock	8-12
Beech	12-14	Hickory	12-16
Birch	12-16	Mahogany	12-16
Cedar	8-12	Maple	12-14
Cherry	12-14	Oak	12-14
Chestnut	8-12	Pine	8-14
Cottonwood	8-12	Poplar	8-14
Cypress	8-12	Redwood	8-12
Elm (soft)	8-12	Spruce	8-12
Elm (hard)	10-13	Sycamore	10-14
Fir	8-12	Walnut	12-14

Useful Formulas / formules utiles:

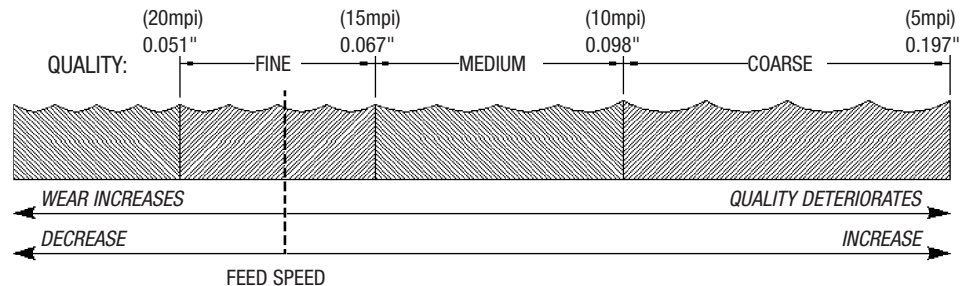
$$\text{Chip load} = \frac{\text{feed speed (fpm)} \times 12}{\text{no. of knives} \times \text{rpm}}$$

$$\text{Knife marks} = \frac{\text{rpm} \times \text{no. of knives}}{\text{fpm} \times 12}$$

$$\text{Feed speed} = \frac{\text{rpm} \times \text{no. of knives}}{2 \times \text{marks per inch}}$$

Finish and Rates of Feed / couteaux par nombre de marques par inch

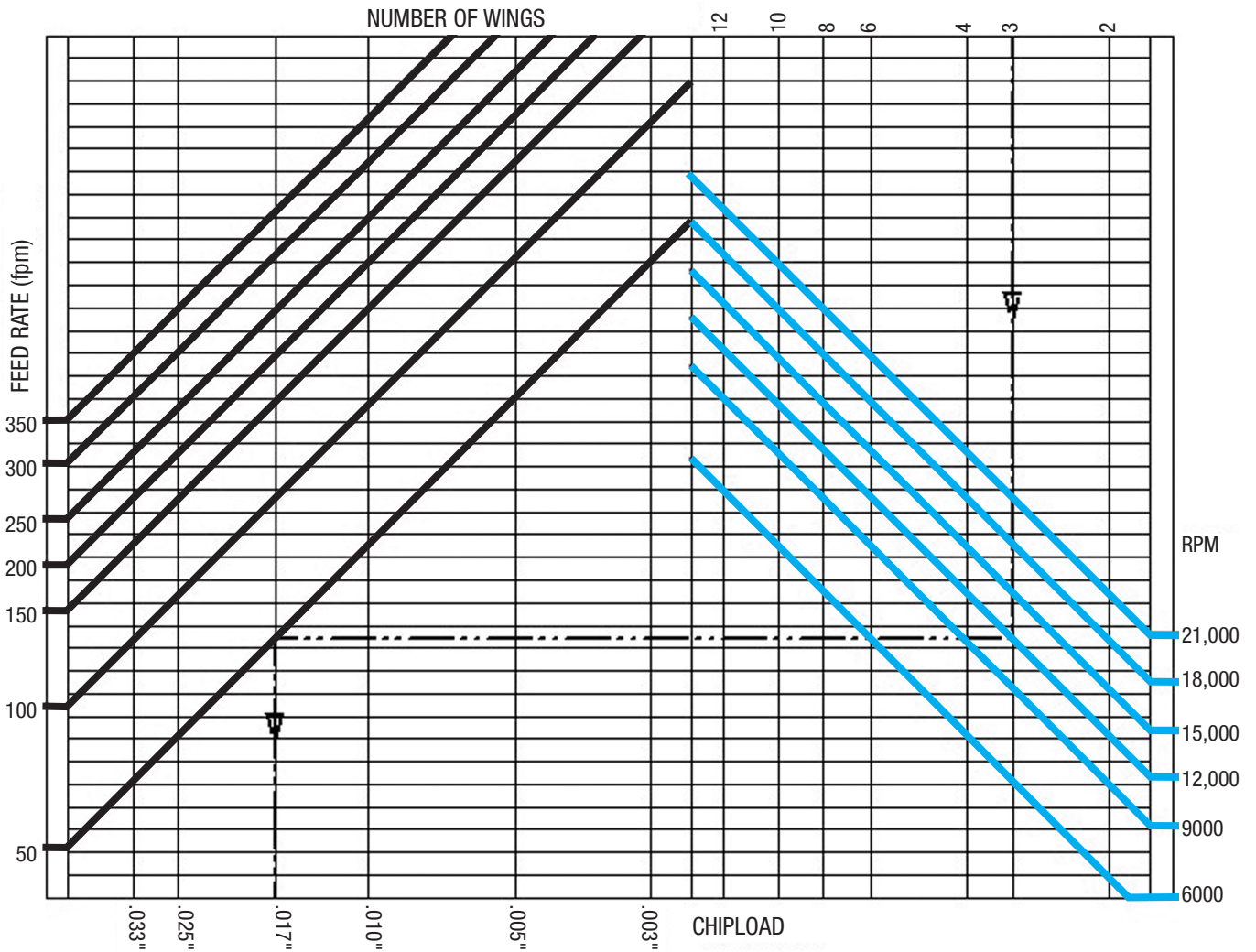
RPM	Knife marks/inch	Number of knives cutting								Feederate in fpm
		1	2	4	6	8	12	14	16	
3,600	10	30	60	120	180	240	360	420	480	
3,600	12	25	50	100	150	200	300	350	400	
3,600	14	21	43	86	129	171	257	300	343	
3,600	16	19	38	75	113	150	225	263	300	
3,600	18	17	33	67	100	133	200	233	267	
3,600	20	15	30	60	90	120	180	210	240	
4,800	10	40	80	160	240	320	480	560	640	
4,800	12	33	67	133	200	267	400	467	533	
4,800	14	29	57	114	171	229	343	400	457	
4,800	16	25	50	100	150	200	300	350	400	
4,800	18	22	44	89	133	178	267	311	356	
4,800	20	20	40	80	120	160	240	280	320	
6,000	10	50	100	200	300	400	600	700	800	
6,000	12	42	83	167	250	333	500	583	667	
6,000	14	36	71	143	214	286	429	500	571	
6,000	16	31	63	125	188	250	375	438	500	
6,000	18	28	56	111	167	222	333	389	444	
6,000	20	25	50	100	150	200	300	350	400	
8,000	10	67	133	267	400	533	800	933	1067	
8,000	12	56	111	222	333	444	667	778	889	
8,000	14	48	95	190	286	381	571	667	762	
8,000	16	42	83	167	250	333	500	583	667	
8,000	18	37	74	148	222	296	444	519	593	
8,000	20	33	67	133	200	267	400	467	533	
10,000	10	83	167	333	500	667	1000	1167	1333	
10,000	12	69	139	278	417	556	833	972	1111	
10,000	14	60	119	238	357	476	714	833	952	
10,000	16	52	104	208	313	417	625	729	833	
10,000	18	46	93	185	278	370	556	648	741	
10,000	20	42	83	167	250	333	500	583	667	
12,000	10	100	200	400	600	800	1200	1400	1600	
12,000	12	83	167	333	500	667	1000	1167	1333	
12,000	14	71	143	286	429	571	857	1000	1143	
12,000	16	63	125	250	375	500	750	875	1000	
12,000	18	56	111	222	333	444	667	778	889	
12,000	20	50	100	200	300	400	600	700	800	



Feed rate directly affects the finish quality of the work. If the rate is too slow, knives dull more quickly and burning occurs. If the feed is set too fast finish will not be satisfactory and tear out may occur.

Ideal marks per inch: Planing Mill 8 - 10
Sash, Doors, Furniture 10 - 16+

Chipload per tooth (wing)



Example: A 3 wing cutter rotating at 12,000 rpm with a feed rate of 50 fpm will have a chipload of .017"

Formula to calculate chip load:

$$\frac{\text{feed speed (fpm)} \times 12}{\text{no. of wings} \times \text{rpm}}$$

Approximate values for average chip load:

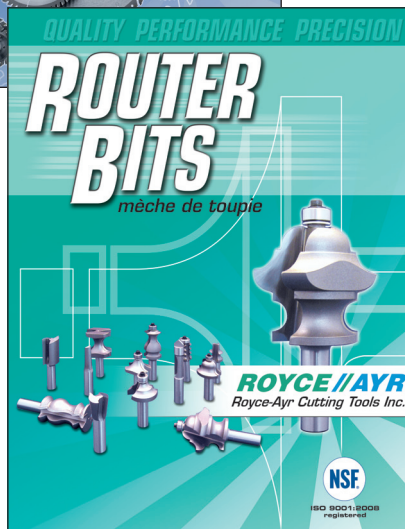
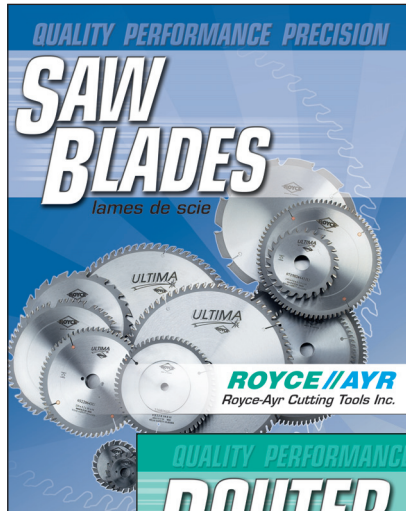
- Furniture finish: .012" to .032"
- Mill finish .032" to .100"
- Hogging .100" to .200"

Feed per/min (feet)	20	40	60	100	150	200	250	300
RPM =	6000	6000	6000	6000	6000	6000	6000	6000
No. of wings	Chip load per wing							
2	0.020	0.040	0.060	0.100	0.150	0.200	0.250	0.300
3	0.013	0.027	0.040	0.067	0.100	0.133	0.167	0.200
4	0.010	0.020	0.030	0.050	0.075	0.100	0.125	0.150
6	0.007	0.013	0.020	0.033	0.050	0.067	0.083	0.100
8	0.005	0.010	0.015	0.025	0.038	0.050	0.063	0.075
10	0.004	0.008	0.012	0.020	0.030	0.040	0.050	0.060
12	0.003	0.007	0.010	0.017	0.025	0.033	0.042	0.050
16	0.003	0.005	0.008	0.013	0.019	0.025	0.031	0.038

Notes

All tools offered from stock are subject to availability. The buyer agrees to partial deliveries which will be considered separate transactions. Cancellation or alteration of orders are subject to our written consent. Returns will only be accepted upon written prior approval and the assignment of an authorized return number. Custom tools made to special order are not returnable.

Delivery lead time is based on production scheduling and material availability, and starts from date of order confirmation. Every effort will be made to fulfill delivery commitments. Any delay, for any reason, will not be liability for any loss or damage.



GUARANTEE

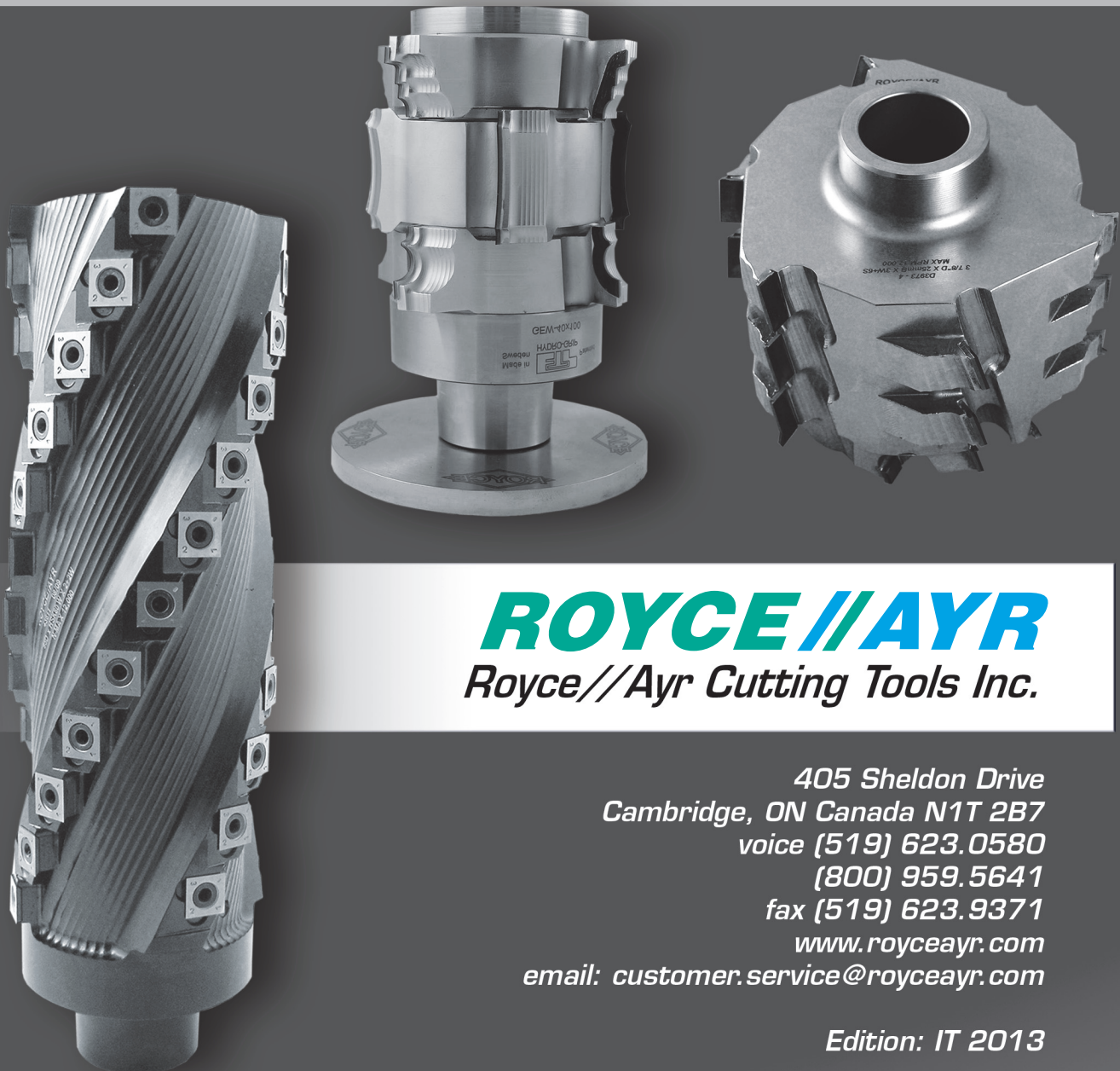
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