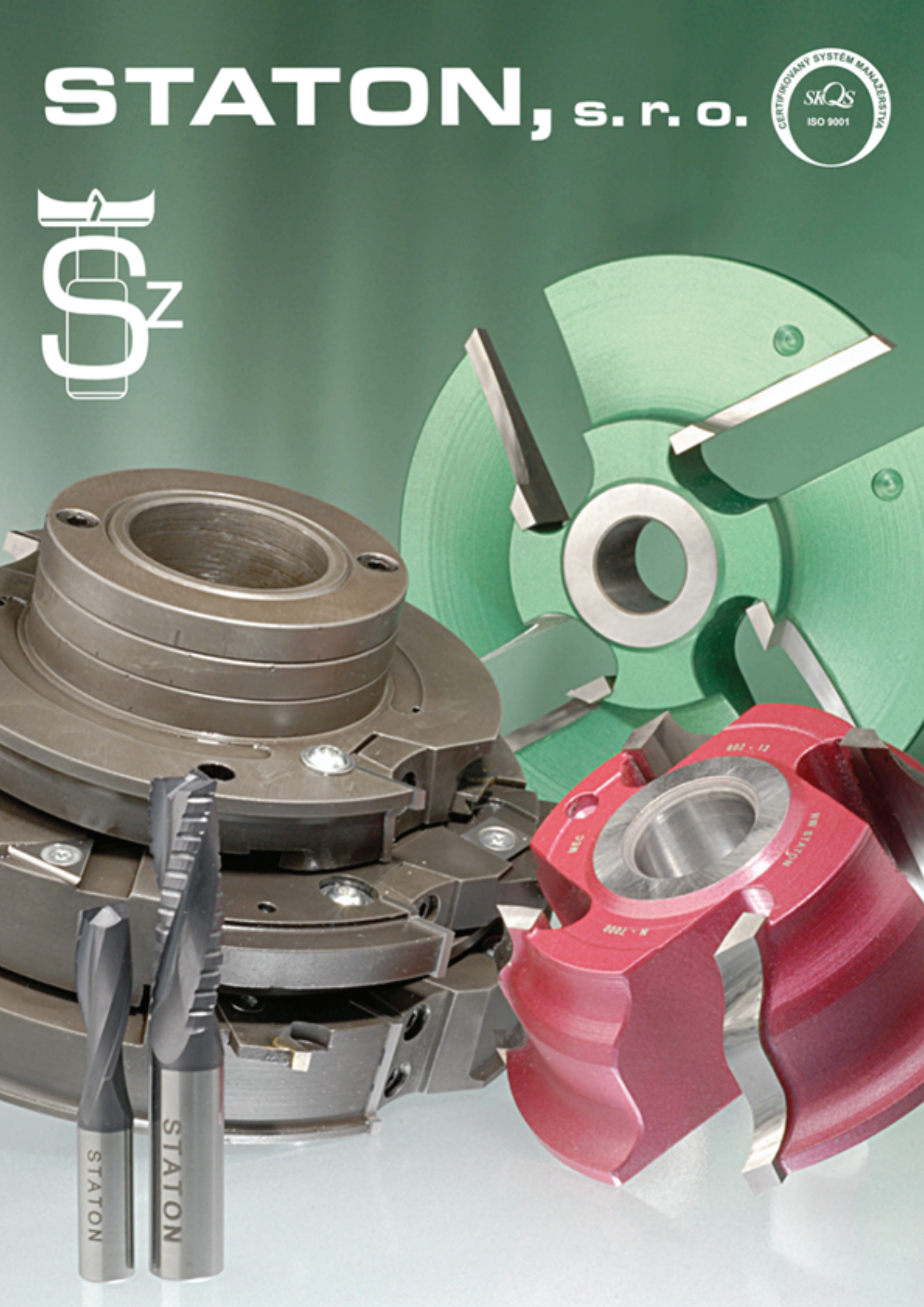
STATON, s. r. o.

CERTIFIKOVANÝ SYSTÉM MANAŽERSTVA
SKQS
ISO 9001



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VÁŽENÝ ZÁKAZNÍK,

firma STATON, s.r.o. sa venuje výrobe nástrojov pre spodné, vrchné a viacvretenové frézovačky už od roku 1957. Špecialisti vo firme sledujú svetový trend vývoja a tomu prispôsobujú celý proces konštrukcie a výroby nástrojov. Katalóg obsahuje súčasný skladový sortiment výrobkov, ktorý priebežne rozširujeme. Okrem nástrojov firma vyrába stroje a zariadenia pre firmy drevospracujúceho priemyslu (mechanizácia do pílnic, linky na výrobu lepeného dreva, píly a sekačky drev. odpadu, oceľové konštrukcie).

Nástroje si môžete objednať:

- *Telefón* : ++421 (0)43 /429 2674, 429 2362, 429 2638, 0915 814 647
- *Hotline* : ++421 (0)905 820 265, 0905 579 322
- *fax* : ++421 (0)43 / 429 2585
- *e-mail* : staton@staton.sk, obchod@staton.sk
- *písomne* : STATON s.r.o.
  Sadová 1148
  038 53 Turany, SLOVENSKÁ REPUBLIKA

Internet:

- http://www.staton.sk/

Dodacie lehoty:

- nástroje na sklade dodávame ihneď
- výroba atypických nástrojov do 15 až 20 pracovných dní, podľa zložitosti nástroja

Oprava nástrojov:

- pri poškodení nástrojov alebo zbrúsení rezných platničiek na minimum možno nástroj poslať k výrobcovi na **renováciu** za predpokladu nepoškodeného tela – nosných častí zubov a následne Vám bude prevedená renovácia nástroja.

Záruky:

- záručná doba na všetky naše nástroje je 24 mesiacov od dátumu predaja. Záruka sa nevzťahuje na bežné otupenie.

V našom sortimente tiež nájdete:

- HW tvrdokovové žiletky (VBD) Tigra
- Pílové kotúče
- Hobľovacie nože HS, HW 3mm
- Hobľovacie nože CENTROLOCK, TERSA
- Hobľovacie nože HS ryhované
- Ostrenie všetkých typov nožov

DEAR CLIENT

♦ Our company Staton, s.r.o. is focused on manufacturing of cutters and router bits for milling machines (down-cut, up-cut and multi spindle) and tools for CNC machines since 1957. The specialists in the company follow up the newest world trends of the development and they adapt the whole process of the construction and production of the tools to these trends. This catalogue contains the actual stock of the produced items and it is being continuously enlarged.

ADRESS :
STATON s.r.o.
SADOVÁ 1148
038 53 TURANY
SLOVAK REPUBLIC

INTERNET :
http://www.staton.sk/

ORDERING:
♦ Tel : ++421 (0)43/4292674
4292362
4292638
♦ Fax : ++421 (0)43/4292585
♦ e-mail : staton@staton.sk

DELIVERY TIME:
♦ The tools at stock are delivered immediately.
♦ Atypical (job-order) tools are delivered up to 3 weeks

SERVICING:
♦ It is possible to send damaged tools to the producer for the reparation. The cutter body (supporting part of the teeth) must be intact. It is necessary always to send the complete set to the service.

GUARANTEE :
♦ 24 month since the date of purchase

MATTERS OF CUTTERS:
♦ **HL(HLS)** – high alloy tool steel

♦ **HS(HSS)** – high speed steel

♦ **HW(HM,SK)** – tungsten carbide

GEEHRTER KLIENT

♦ Die Firma widmet sich der Herstellung von Werkzeugen fűr Fräs maschinen (obere,unter oder Multispindel) die neuesten Trends in der Entricklung und passon den gunzen. Konstruktions-und Herstellungsprozess an diese Trends an. Unser Katalog beinhalted gegenwärtigen Lagersortiment, und ist durchgehend aktualiziert.

ADRESSE :
STATON s.r.o.
SADOVÁ 1148
038 53 TURANY
SLOVENSKA REPUBLIKA

INTERNET :
http://www.staton.sk/

BESTELLUNG WERKZEUGE :
♦ Tel : ++421 (0)43/4292674
4292362
4292638
♦ Fax : ++421 (0)43/4292585
♦ e-mail : staton@staton.sk

ZUSTELLUNGSFRIST:
♦Werkzeuge auf der Lage liefern wir gleich
♦Atypische Profile nach 3 Wochen

VERKZEUGREPARIERUNG :
♦ Bei der Werkzeugsbeschädigung, oder beim Schneideplättchensabschleifen kann man die Werkzeuge zur Reparatur dem Produzent einzusenden unter Voraussetzung unbeschädigten Körper – Zähnetragsteile.

GARANTIE :
♦ Auf alle Werkzeuge gewähren wir 24 monatige Garantie

MATERIAL WERKZEUGE:
♦ **HL(HLS)** – hochleg. Werkzeugestahl
♦ **HS(HSS)** – hochleg. Schnellstahl

♦ **HW(HM,SK)** – Hartmetall

CHER CLIENT

♦ La société STATON à une expérience des plusieurs années (plus de 40 années) dans la fabrication des machines-outils à bois et outillages de précision pour travailler le bois, plastique. La production d'outils à bois comprend fraises, mêches et porte-outils en HL, HS, HW pour toupies, tenneuses, défonceuses et machines à 3 où 4 faces.

ADRESSE :
STATON s.r.o.
SADOVÁ 1148
038 53 TURANY
SLOVAQUIE

INTERNET :
http://www.staton.sk/

POUR COMMANDER :
♦ Tel : ++421 (0)43/4292674
4292362
4292638
♦ Fax : ++421 (0)43/4292585
♦ e-mail : staton@staton.sk

CONDITIONS DE LIVRAISON :
♦ Les outils présentés dans ce catalogue sont disponible sous trois semaines
♦ Outils spéciaux sur demande 3 semaines àpres confirmation de la commande

SERVICE D'OUTILS :
♦ Dans certains conditions nous faisons le service pour les outils défectueuses. Le corps d'outils doit être sans défaut.
Pour les jeux d'outils il est nécessaire d'envoyer le jeu complet.

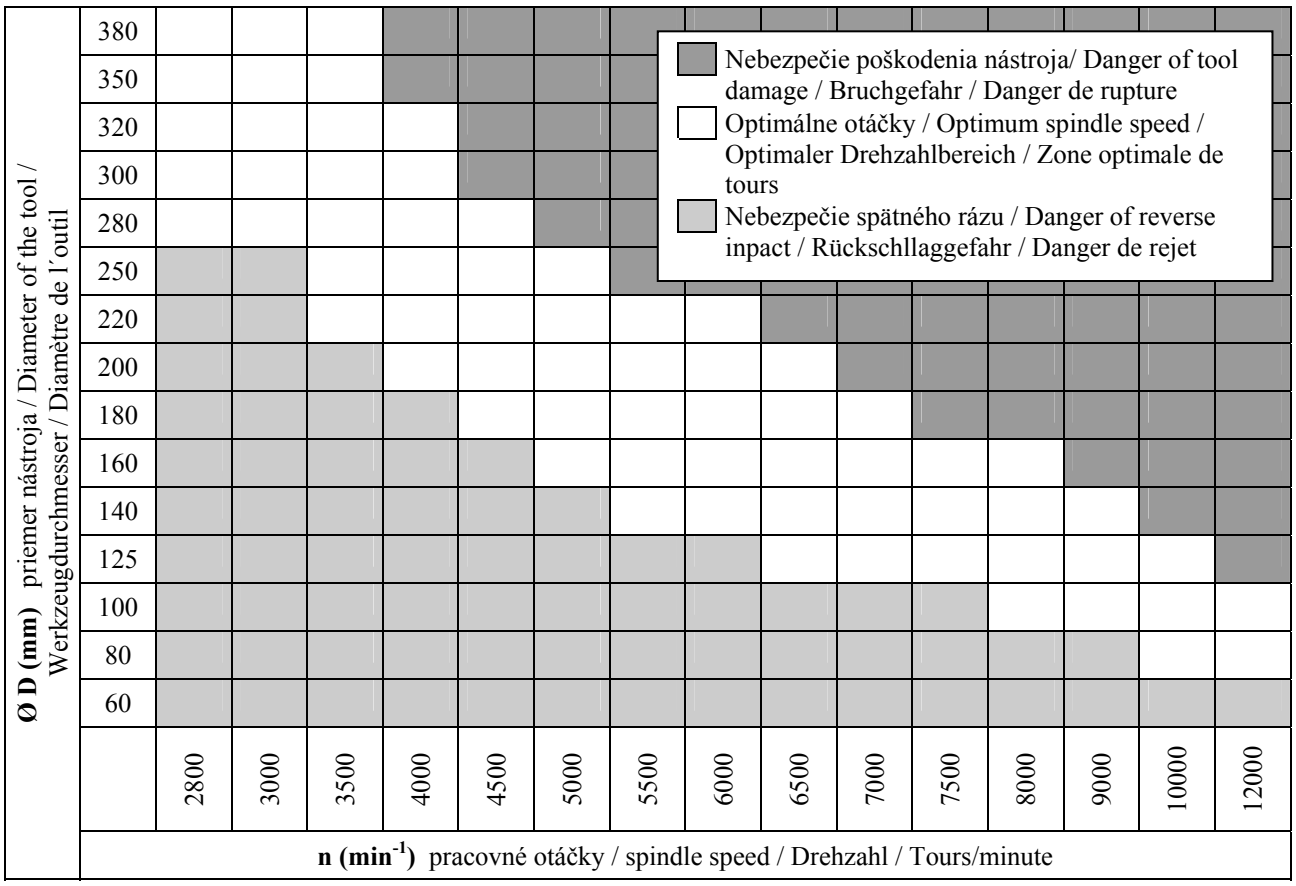
GARANTIE :
♦ La garantie est de 24 mois à compter de l'achat de l'outil.

MATÉRIAUX DE COUPE :
♦ **HL(HLS)** – Acier fortement allié

♦ **HS(HSS)** – Acier super-rapid

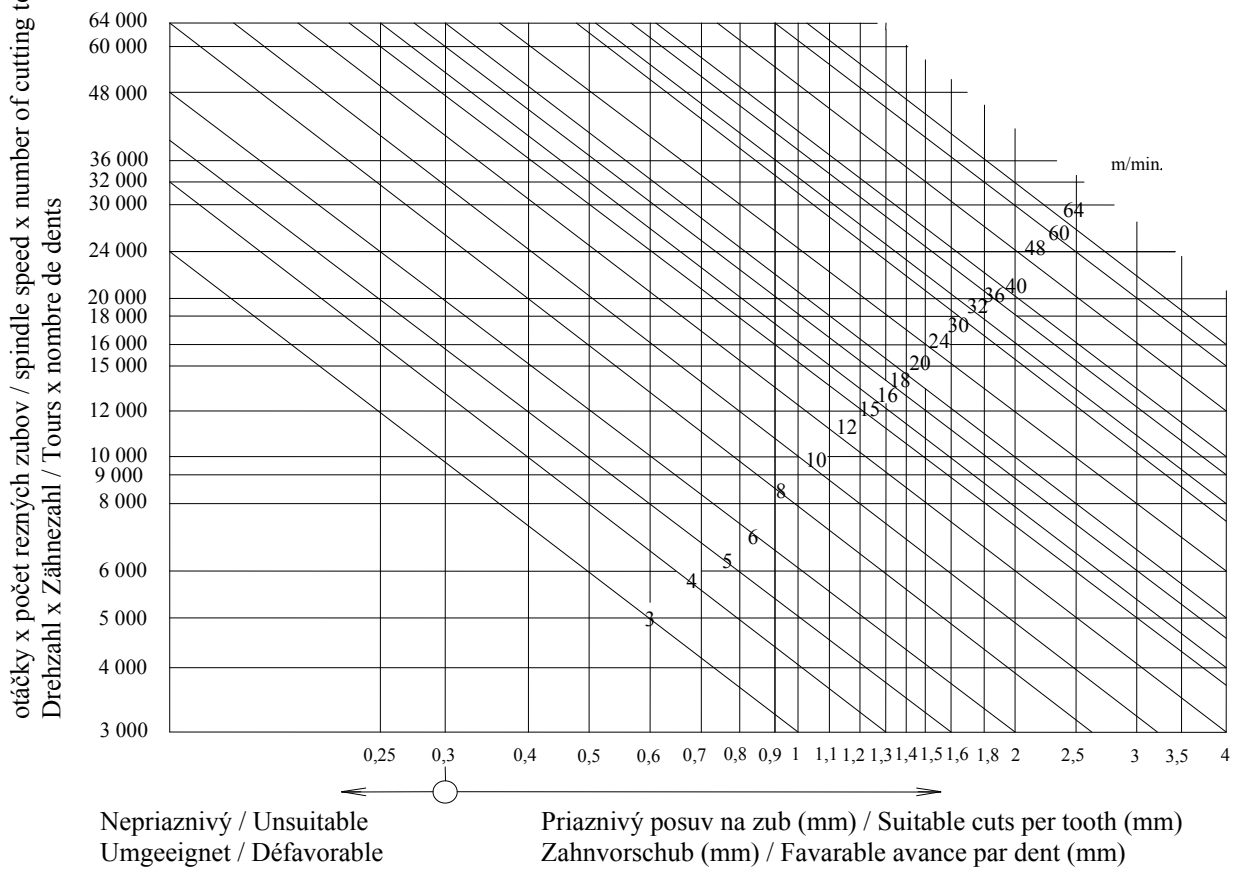
♦ **HW(HM,SK)** – Carbure de tungstène

PRACOVNÉ OTÁČKY NÁSTROJA / WORKING SPEED TOOL
BETRIEBSDREHZAHLEN DER FRÄSERWERKZEUGE / NOMBRE DE TOUR D'OUTIL.



Voľba hodnoty posuvu na zub / Suggested chip-load per tooth
Richtwerte fűr Zahnvorschub / Avance par dent

0,3-0,8 mm…… jemný, hladký povrch / Fine smooth finish / Feinschlichtspan / Bonne finition
0,8-2,5 mm…… rovný povrch / Smooth finish / Schlichtspan / Finition moyenne
2,5-4,0 mm…… hrubý povrch / Coarse finish / Schruppspan / Ebauchage



Spôsob objednávania / Ordering form / Bestellungsweise / Exemple de commande.

X X X X X X X X X X X (X X)

Kód / Code / Kode /Code

Počet zubov / Number of Cutting teeth
Zähnezahl / Nombre de dents

Materiál / Matters / Material / Materiel

Typ / Type

Príklad objednávania / Sample of order / Bestellungbiespiele / Exemple de commande

- Drážkovacia fréza : typ – 102, materiál – HS, počet zubov z – 4, priemer nástroja D – 100, šírka nástroja s – 12, otvor nástroja dH7 – 30, kód – 10012,

102 HS 4 10012

- Zaobľovacia fréza štvrťkruhová vypuklá: typ – 273, materiál – HW, počet zubov z – 2, priemer nástroja D – 100, rádius R – 10, otvor nástroja dH7 – 30, kód – 10010, Ľavá

273 HW 2 10010 Ľ

- Grooving cutter : typ – 102, matters – HS, teeth z – 4, diameter D – 100, width s – 12, dH7 – 30, Code - 10012

102 HS 4 10012

- Radius form quarter – ring cutter embossed: typ – 273, matters – HW, teeth z – 2, diameter D – 100, rádius R – 10, dH7 – 30, Code – 10010, Left

273 HW 2 10010 L

- Schlitzfräser : typ – 102, Material – HS, Zähne z – 4, Durchmesser D – 100, Breite s – 12, dH7 – 30, Kode - 10012

102 HS 4 10012

- Viertelkreiskonvexer Fräser: typ – 273, Material – HW, Zähne z – 2, Durchmesser D – 100, Rádius R – 10, dH7 – 30, Kode – 10010, Link

273 HW 2 10010 L

- Freise a rainer : Typ – 102, Matériel – HS, Dents z – 4, Diametre D – 100, Largeur s – 12, dH7 – 30, Code - 10012

102 HS 4 10012

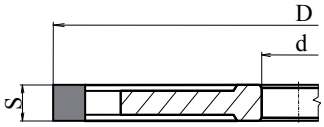
- Fraise a rayon 1/4 de rond convex: Typ – 273, Matériel – HW, Dents z – 2, Diametre D – 100, Rayon R – 10, dH7 – 30, Code – 10010, Gauche

273 HW 2 10010 G

102 HS
103 HW

DRÁŽKOVACIA FRÉZA
Grooving cutter
Schlitzfräser
Fraise à rainer

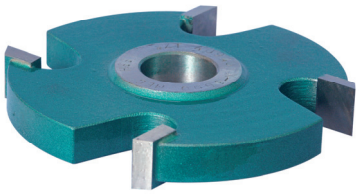
HS(HSS), HW(HM) rezné platničky, 4 zuby, pre strojový alebo ručný posuv
HS(HSS), HW(HM) tipped, 4 teeths, for mechanical and manual feed
HS(HSS), HW(HM) bestückt, 4 Zähne, Hand- und mechanischen Vorschub
HS(HSS), HW(HM) raporté, 4 dents, pour avance manuelle ou mécanique



D	s	dH7	kód
100	8	30	10008
100	10	30	10010
100	12	30	10012
100	14	30	10014
100	16	30	10016
100	18	30	10018
100	20	30	10020
120	8	30	12008
120	10	30	12010
120	12	30	12012
120	14	30	12014
120	16	30	12016
120	18	30	12018
120	20	30	12020
140	8	30	14008
140	10	30	14010
140	12	30	14012
140	14	30	14014
140	16	30	14016
140	18	30	14018
140	20	30	14020

D	s	dH7	kód
160	8	30	16008
160	10	30	16010
160	12	30	16012
160	14	30	16014
160	16	30	16016
160	18	30	16018
160	20	30	16020
180	8	30	18008
180	10	30	18010
180	12	30	18012
180	14	30	18014
180	16	30	18016
180	18	30	18018
180	20	30	18020

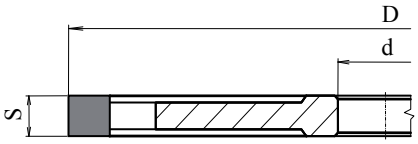
MEC



142 HS
143 HW

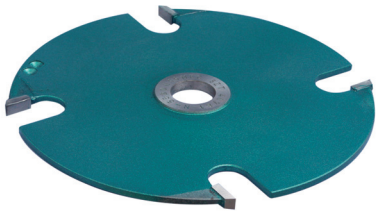
ČAPOVACIA FRÉZA ROVNÁ
Tenon jointing flat cutter
Geradefingerfräser
Fraise a tenonner

HS(HSS), HW(HM) rezné platničky, 4-6 zubov, ručný a strojový posuv
HS(HSS), HW(HM) tipped, 4-6 teeth, manual and mechanical feed
HS(HSS), HW(HM) bestückt, 4-6 Zähne, Hand- und mechanischen Vorschub
HS(HSS), HW(HM) raporté, 4-6 dents, pour avance manuelle ou mécanique



D	S	dH7	Kód
200	8	30	20008
200	10	30	20010
200	12	30	20012
200	14	30	20014
200	16	30	20016
200	18	30	20018
250	8	30	25008
250	10	30	25010
250	12	30	25012
250	14	30	25014
250	16	30	25016
250	18	30	25018
300	8	30	30008
300	10	30	30010
300	12	30	30012
300	14	30	30014
300	16	30	30016
300	18	30	30018

MEC



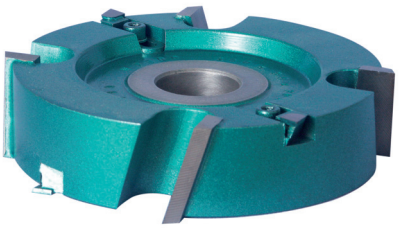
142 HS
143 HW

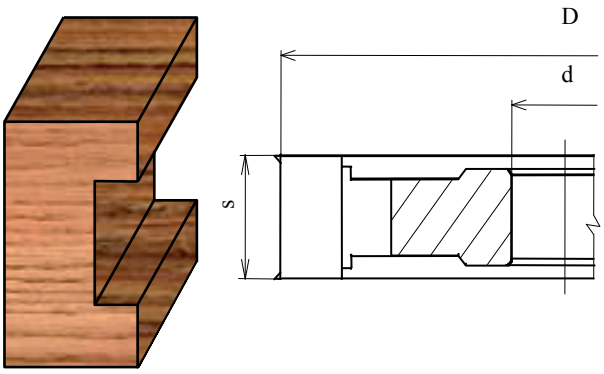
DRÁŽKOVACIA FRÉZA so striedavo šikmými zubami a predrezávačmi
Grooving cutter with alternatively oblique and flat teeth and spurs
Schlitzfräser wechselnd Schrägzähnen und geradezähnen und Vorschneider
Fraise à rainer avec araseurs

HS(HSS), HW(HM) rezné platničky, 4 zuby, 4 predrezávače, strojový posuv
HS(HSS), HW(HM) tipped, 4 teeth, 4 spurs, mechanical feed
HS(HSS), HW(HM) bestückt, 4 Zähne, 4 Vorschneider, mechanischen Vorschub
HS(HSS), HW(HM) raporté, 4 dents, 4 araseurs, avance mécanique

D	s	dH7	Kód
120	25	30	12025
120	30	30	12030
120	35	30	12035
120	40	30	12040
120	45	30	12045
140	25	30	14025
140	30	30	14030
140	35	30	14035
140	40	30	14040
140	45	30	14045
160	25	30	16025
160	30	30	16030
160	35	30	16035
160	40	30	16040
160	45	30	16045

MEC



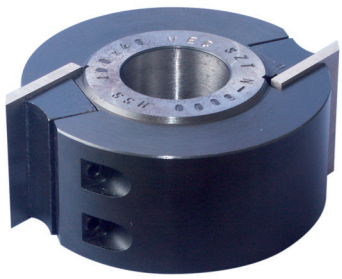


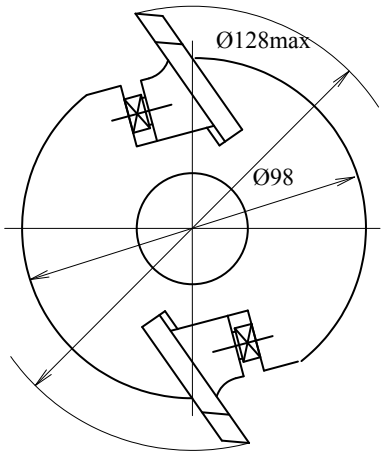
161 HL
162 HS

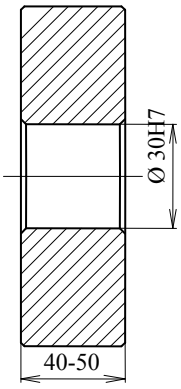
Nožová hlava s vymeniteľnými platničkami
Knife head with exchangeable insert
Messerköpfe mit Wendeplatten
Porte – outil à couteaux

HL, HS(HSS) rezné platničky, 2(4) zuby, pre ručný a strojový posuv
HL, HS(HSS) tipped, 2(4) teeth, for mech. and manual feed
HL, HS(HSS) bestückt, 2(4) Zähne, Hand- und mechanischen Vorschub
HL, HS(HSS) raporté, 2(4) dents, pour avance manuelle ou mécanique

MEC



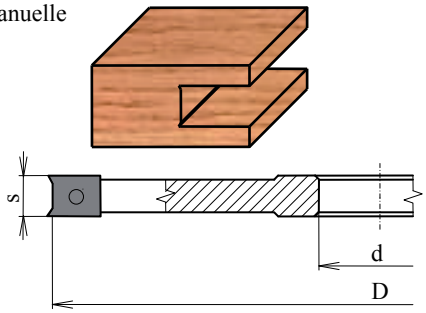




114A HW

DRÁŽKOVACIA ŽILETKOVÁ FRÉZA s predrezávačmi
Groove cutterheads with throwaway knives and spurs
WP - Nutfräser mit Vorschneider
Porte outils à rainer

HW(HM) žiletky a predrezávače, 4 zuby, ručný posuv
HW(HM) knives and spurs, 4 teeth, manual feed
HW(HM) Wendeplatten und Vorschneider, 4 Zähne, Hand Vorschub
HW(HM) Plaquettes,araseurs, 4 dents, pour avance manuelle



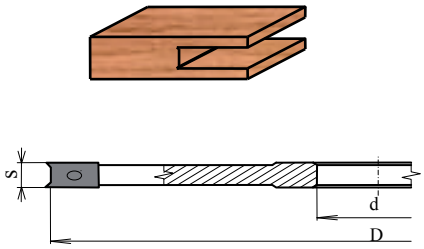
D	s	dH7	z	pre	kód
140	8	30	4	4	14008
140	10	30	4	4	14010
140	12	30	4	4	14012
140	14	30	4	4	14014
160	8	30	4	4	16008
160	10	30	4	4	16010
160	12	30	4	4	16012
160	14	30	4	4	16014
180	8	30	4	4	18008
180	10	30	4	4	18010
180	12	30	4	4	18012
180	14	30	4	4	18014

MAN

114A HW

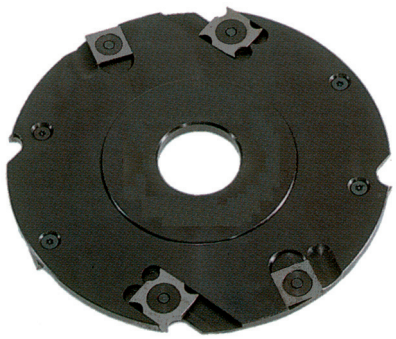
DRÁŽKOVACIA ŽILETKOVÁ FRÉZA s predrezávačmi
Groove cutterheads with throwaway knives and spurs
WP - Nutfräser mit Vorschneider
Porte outils à rainer

HW(HM) žiletky a predrezávače, 4 zuby, ručný posuv
HW(HM) knives and spurs, 4 teeth, manual feed
HW(HM) Wendeplatten und Vorschneider, 4 Zähne, Hand Vorschub
HW(HM) Plaquettes,araseurs, 4 dents, pour avance manuelle



D	s	dH7	z	pre	kód
140	4	30	4	4	14004
140	5	30	4	4	14005

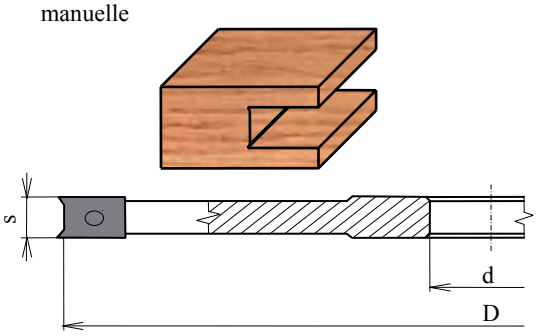
MAN



144 HW

ČAPOVACIA ŽILETKOVÁ FRÉZA s predrezávačmi
Groove cutterheads with throwaway knives and spurs
WP - Nutfräser mit Vorschneider
Porte outils à rainer

HW(HM) žiletky a predrezávače, 4 zuby, ručný posuv
HW(HM) knives and spurs, 4 teeth, manual feed
HW(HM) Wendeplatten und Vorschneider, 4 Zähne, Hand Vorschub
HW(HM) Plaquettes,araseurs, 4 dents, pour avance manuelle



D	s	dH7	z	pred	kód
200	8	30	4	4	20008
200	10	30	4	4	20010
200	12	30	4	4	20012
200	14	30	4	4	20014
250	8	30	4	4	25008
250	10	30	4	4	25010
250	12	30	4	4	25012
250	14	30	4	4	25014
300	8	30	4	4	30008
300	10	30	4	4	30010
300	12	30	4	4	30012
300	14	30	4	4	30014

MAN

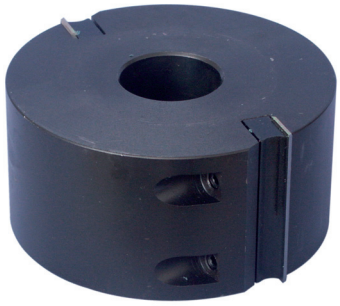
114C HW

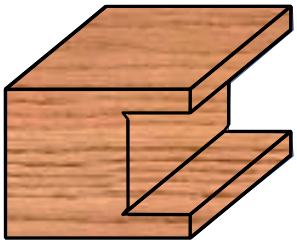
DRÁŽKOVACIA ŽILETKOVÁ FRÉZA
Groove cutterheads with throwaway knives
WP - Nutfräser
Porte outils à rainer

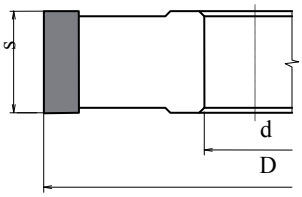
HW(HM) žiletky a predrezávače, 4 zuby, ručný posuv
HW(HM) knives and spurs, 4 teeth, manual feed
HW(HM) Wendeplatten und Vorschneider, 4 Zähne, Hand Vorschub
HW(HM) Plaquettes,araseurs, 4 dents, pour avance manuelle

D	s	dH7	z	pre	kód
85	30	30	4(2)	4	08530
85	40	30	4(2)	4	08540
85	50	30	4(2)	4	08550
100	30	30	4(2)	4	10030
100	40	30	4(2)	4	10040
100	50	30	4(2)	4	10050
125	30	30/40	4(2)	4	12530
125	40	30/40	4(2)	4	12540
125	50	30/40	4(2)	4	12550
125	60	30/40	4(2)	4	12560

MAN







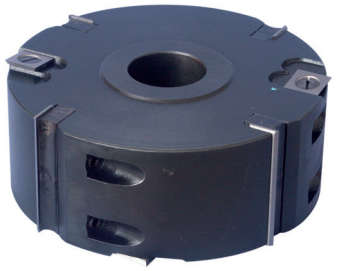
114B HW

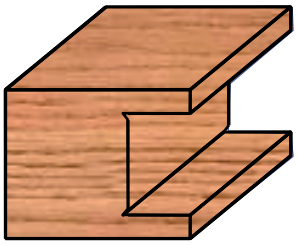
DRÁŽKOVACIA ŽILETKOVÁ FRÉZA s predrezávačmi
Groove cutterheads with throwaway knives and spurs
WP - Nutfräser mit Vorschneider
Porte outils à feuillurer

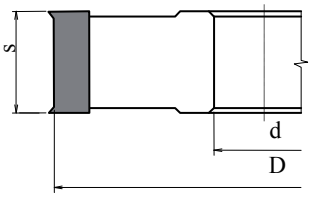
HW(HM) žiletky a predrezávače, 4 zuby, ručný posuv
HW(HM) knives and spurs, 4 teeth, manual feed
HW(HM) Wendeplatten und Vorschneider, 4 Zähne, Hand Vorschub
HW(HM) Plaquettes,araseurs, 4 dents, pour avance manuelle

D	s	dh7	z	pre	kód
85	30	30	4(2)	4	08530
85	40	30	4(2)	4	08540
85	50	30	4(2)	4	08550
100	30	30	4(2)	4	10030
100	40	30	4(2)	4	10040
100	50	30	4(2)	4	10050
125	30	30/40	4(2)	4	12530
125	40	30/40	4(2)	4	12540
125	50	30/40	4(2)	4	12550
125	60	30/40	4(2)	4	12560

MAN







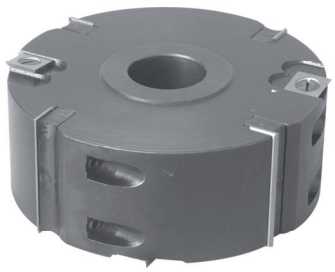
114AL HW

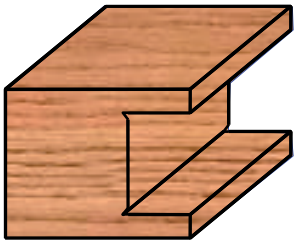
DRÁŽKOVACIA ŽILETKOVÁ FRÉZA z ľahkej zliatiny CERTAL
Groove cutterheads with throwaway knives CERTAL
WP - Nutfräser CERTAL
Porte outils à rainer CERTAL

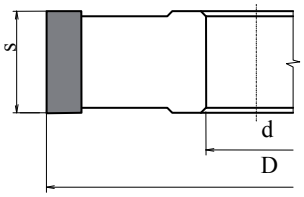
HW(HM) žiletky a predrezávače, 4 zuby, ručný posuv
HW(HM) knives and spurs, 4 teeth, manual feed
HW(HM) Wendeplatten und Vorschneider, 4 Zähne, Hand Vorschub
HW(HM) Plaquettes,araseurs, 4 dents, pour avance manuelle

D	s	dH7	z	pre	kód
125	30	30/40	4	4	12530
125	40	30/40	4	4	12540
125	50	30/40	4	4	12550
125	60	30/40	4	4	12560

MAN







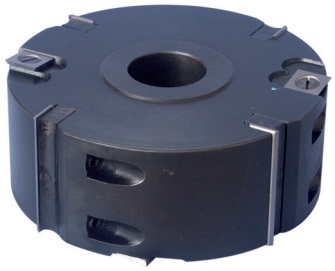
114D HW

DRÁŽKOVACIA ŽILETKOVÁ FRÉZA s predrezávačmi so striedavo šikmými zubami
Groove cutterheads with throwaway knives and spurs
WP - Nutfräser mit Vorschneider
Porte outils à feuillurer

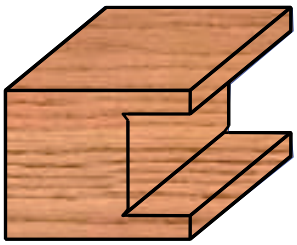
HW(HM) žiletky a predrezávače, 4 zuby, ručný posuv
HW(HM) knives and spurs, 4 teeth, manual feed
HW(HM) Wendeplatten und Vorschneider, 4 Zähne, Hand Vorschub
HW(HM) Plaquettes,araseurs, 4 dents, pour avance manuelle

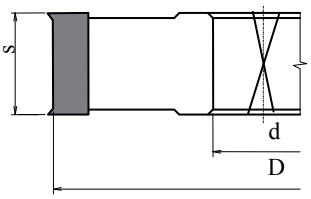
D	s	dh7	z	pre	kód
125	30	30/40	4	4	12530
125	40	30/40	4	4	12540
125	50	30/40	4	4	12550
125	60	30/40	4	4	12560

MAN



AXIAL





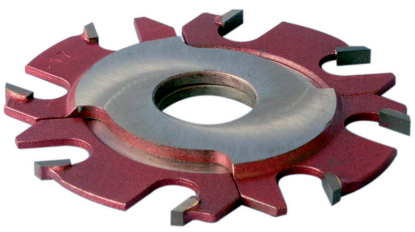
122B HS
123B HW

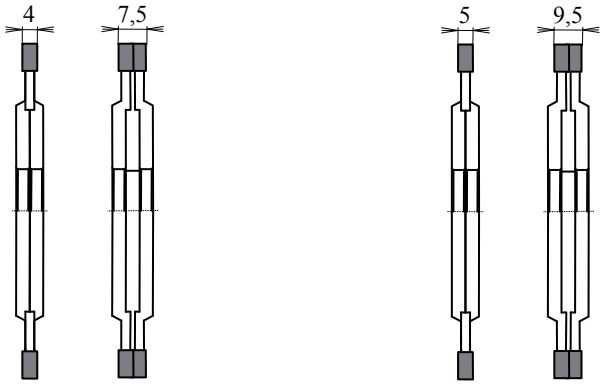
NASTAVITEĽNÁ DRÁŽKOVACIA FRÉZA
Adjustable Grooving cutters
Verstellbare Vorschneid - Nutfräser
Fraise à rainer éxtensible

HS(HSS), HW(HM) rezné platničky, 2+2(4+4) zuby, pre ručný a strojový posuv
HS(HSS), HW(HM) tipped, 2+2(4+4) teeth, for mechanical and manual feed
HS(HSS), HW(HM) bestückt, 2+2(4+4) Zahne, Hand- und mechanischen Vorschub
HS(HSS), HW(HM) raporté, 2+2(4+4) dents, pour avance manuelle ou mécanique

D	s	dH7	z	Kód
125	4-7,5	30	4(2+2)	125074
125	5-9,5	30	4(2+2)	125094
125	5-9,5	30	8(4+4)	125098

MAN





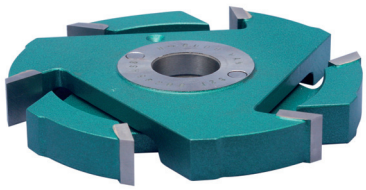
122 HS
123 HW

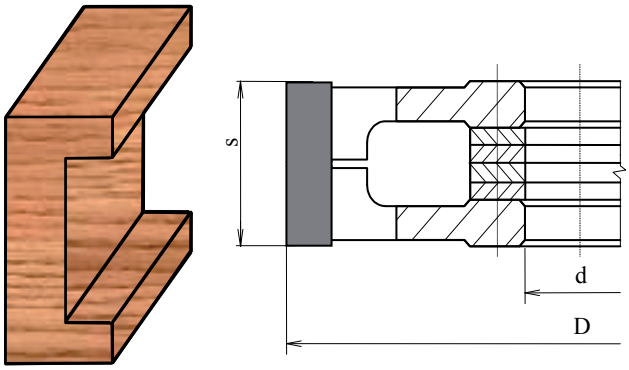
NASTAVITEĽNÁ DRÁŽKOVACIA FRÉZA
Adjustable Grooving cutters
Verstellnuter
Fraise à feuillurer éxtensible

HS(HSS), HW(HM) rezné platničky, 6(8) zubov, pre ručný a strojový posuv
HS(HSS), HW(HM) tipped, 6(8) teeth, for mech. and manual feed
HS(HSS), HW(HM) bestückt, 6(8) Zähne, Hand- und mechanischen Vorschub
HS(HSS), HW(HM) raporté, 6(8) dents, pour avance manuelle ou mécanique

D	s	dH7	Kód
130	22-38	30	13038
160	22-38	30	16038

MAN





V ponuke prevedenie nástrojov aj s predrezávačmi

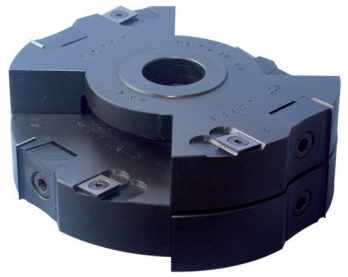
134A HW

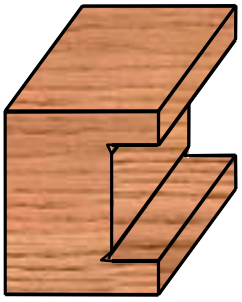
NASTAVITEĽNÁ DRÁŽKOVACIA ŽILETKOVÁ FRÉZA s predrezávačmi
Adjustable Grooving cutters with spurs
WP - Verstellnuter mit Vorschneider
Porte outils à feuillurer extensible

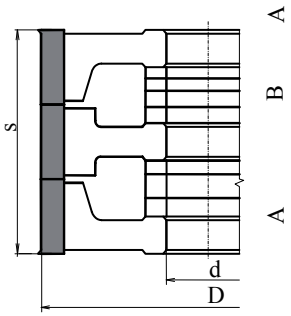
HW(HM) žiletky a predrezávače, 4 zuby, ručný posuv
HW(HM) knives and spurs, 4 teeth, manual feed
HW(HM) Wendeplatten und Vorschneider, 4 Zähne, Hand Vorschub
HW(HM) Plaquettes,araseurs, 4 dents, pour avance manuelle

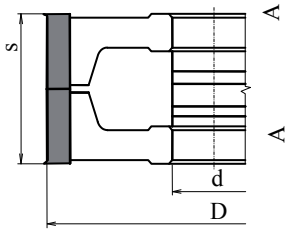
D	s	dH7	z	kód
160/AA	20÷40	30 /40/	4	16040
160/AA	30÷60	30 /40/	4	16060
160/B	30	30 /40/	2	16030

MAN









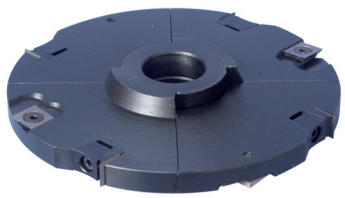
134B HW

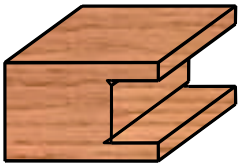
NASTAVITEĽNÁ DRÁŽKOVACIA ŽILETKOVÁ FRÉZA s predrezávačmi
Adjustable Grooving Cutterheads with throw away knives and spurs
WP – Verstellnuter mit Vorschneider
Porte outils à rainer extensible

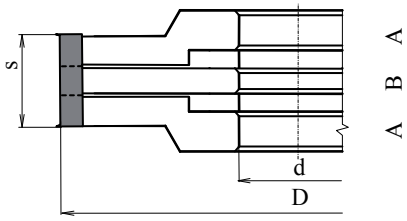
HW(HM) žiletky a predrezávače, 4 zuby, ručný posuv
HW(HM) knives and spurs, 4 teeth, manual feed
HW(HM) Wendeplatten und Vorschneider, 4 Zähne, Hand Vorschub
HW(HM) Plaquettes,araseurs, 4 dents, pour avance manuelle

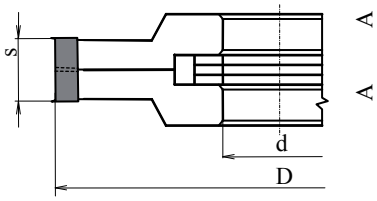
D	s	d	z	pred	kód
160/AA	8÷15	30/40	4	4	16015
160/B	8	30/40	2	4	16008
160/AA	10÷20	30/40	4	4	16020
160/AA	12,5÷24	30/40	4	4	16024
160/AA	16÷30	30/40	4	4	16030
160/B	15	30/40	2	4	16015

MAN









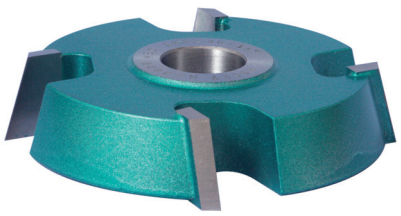
172 HS
173 HW

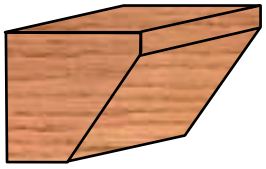
UHLOVÁ FRÉZA
Angled cutter
Winkelfräser
Fraise chanfrein

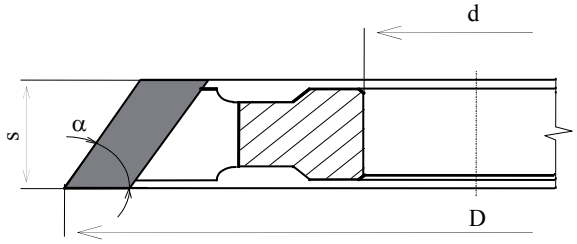
HS(HSS), HW(HM) rezné platničky,4(2) zuby, strojový posuv
HS(HSS), HW(HM)tipped, 4(2) teeth, mechanical feed
HS(HSS), HW(HM)bestückt, 4(2) Zähne, mechanischen Vorschub
HS(HSS), HW(HM) raporté, 4(2) dents, avance mécanique

α	D	s	dH7	Kód
45°	100	15	30	1001545
45°	120	20	30	1202045
45°	140	25	30	1402545
45°	140	30	30	1403045
45°	160	30	30	1603045
60°	100	15	30	1001560
60°	120	20	30	1202060
60°	120	25	30	1202560
60°	140	30	30	1403060
60°	140	35	30	1403560
60°	160	40	30	1604060
75°	100	15	30	1001575
75°	120	20	30	1202075
75°	120	25	30	1202575
75°	120	30	30	1203075

MEC







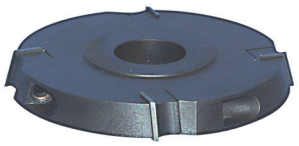
174 HW

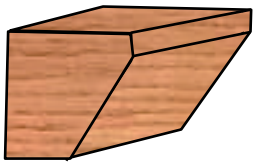
UHLOVÁ FRÉZA ŽILETKOVÁ
Angled cutter with throwaway knives
WP - Winkelfräser
Fraise chanfrein

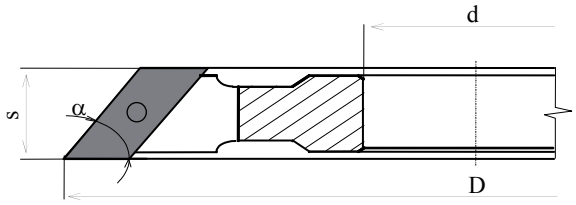
HW(HM)žiletky, 4 zuby, strojový posuv
HW(HM) knives, 4 teeth, mechanical feed
HW(HM) Wendeplatten, 4 Zähne, mechanischen Vorschub
HW(HM) Plaquettes, 4 dents, avance mécanique

α	D	s	dH7	Kód
45°	100	15	30	1001545
45°	120	20	30	1202045
45°	140	25	30	1402545
45°	140	30	30	1403045
45°	160	30	30	1603045
60°	100	15	30	1001560
60°	100	20	30	1002060
60°	100	25	30	1002560
60°	100	30	30	1003060
60°	120	35	30	1203560
60°	120	40	30	1204060
75°	100	15	30	1001575
75°	100	20	30	1002075
75°	100	25	30	1002575
75°	100	30	30	1003075

MAN





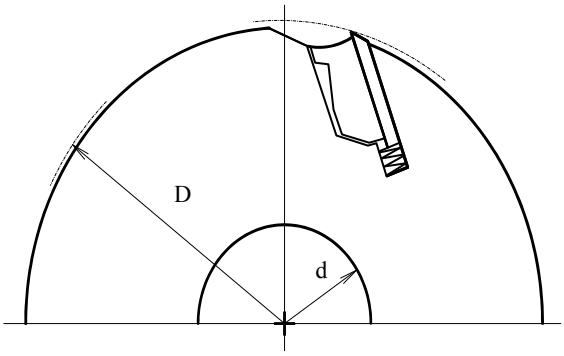


152 HS
153 HW

HOBĽOVACIA NOŽOVÁ HLAVA
Planer Heads
Hobelkopf
Porte outils a raboter

HS(HSS), HW(HM) rezné platničky,2,4,6 zubov, strojový posuv
HS(HSS), HW(HM)tipped,2,4,6 teeth, mechanical feed
HS(HSS), HW(HM)bestückt, 2,4,6 Zähne, mechanischen Vorschub
HS(HSS), HW(HM) raporté, 2,4,6 dents, avance mécanique

Možnosť vyrobiť aj z ľahkej zliatiny AL



D	s	dH7	z	kód
125	40	40/30/	4/6/	125040
125	60	40/30/	4/6/	125060
125	80	40/30/	4/6/	125080
125	100	40/30/	4/6/	125100
125	130	40/30/	4/6/	125130
125	150	40/30/	4/6/	125150
125	160	40/30/	4/6/	125160
125	180	40/30/	4/6/	125180
125	210	40/30/	4/6/	125210
125	230	40/30/	4/6/	125230
125	240	40/30/	4/6/	125240

MEC

D	s	dH7	z	kód
140	60	50	4-8	140060
140	80	50	4-8	140080
140	100	50	4-8	140100
140	130	50	4-8	140130
140	180	50	4-8	140180
140	230	50	4-8	140230

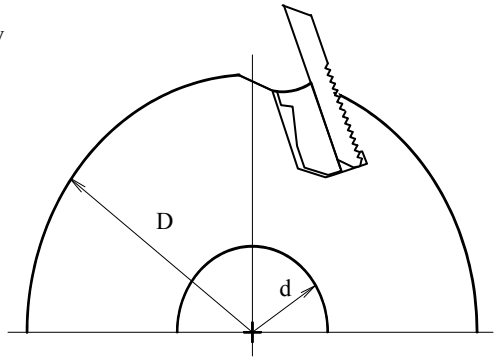
D	s	dH7	z	kód
160	60	50	4-8	160060
160	80	50	4-8	160080
160	100	50	4-8	160100
160	130	50	4-8	160130
160	180	50	4-8	160180
160	230	50	4-8	160230

154 HS

Univerzálna profilová hlava
Universal cutterhead
Universal - Profilfräser

HW(HM) rezné nože , 4 zuby, strojový posuv
HW(HM) tipped , 4 teeth, mechanical feed
HW(HM) bestückt , 4 Zähne, mechanischen Vorschub
HW(HM) raporté,4 dents, avance mécanique

Skutočný priemer nástroja závisí na výške profilovacieho noža.
Hrúbka profilovacieho noža s-8mm.



MEC

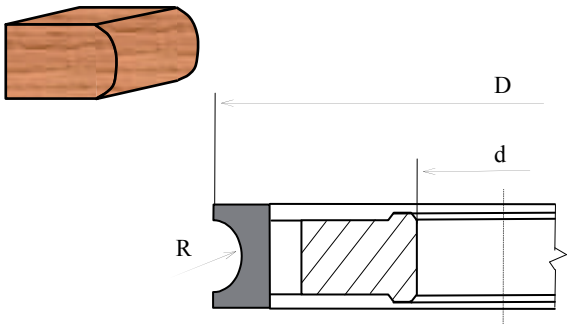
D	B	$d(d_{max})$	kód
122	40	40	122040
122	50	40	122050
122	60	40	122060
122	70	40	122070
122	80	40	122080
122	100	40	122100
122	130	40	122130
122	150	40	122150
122	180	40	122180
122	230	40	122230

D	B	$d(d_{max})$	kód
137	40	50	137040
137	60	50	137060
137	80	50	137080
137	100	50	137100
137	130	50	137130
137	150	50	137150
137	180	50	137180
137	230	50	137230

242 HS
243 HW

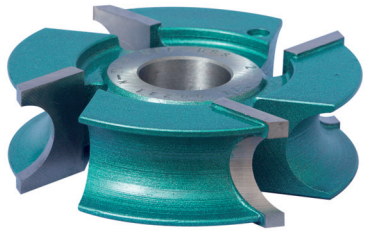
ZAOBĽOVACIA POLKRUHOVÁ FRÉZA vydutá
Radius form hemicyclical cutter convex
Halbkreisformfräser
Fraise 1/2 rond concave

HS(HSS),HW(HM) rezné platničky, 4(3) zuby, strojový posuv
HS(HSS),HW(HM) tipped, 4(3) teeth, mechanical feed
HS(HSS),HW(HM) bestückt, 4(3) Zähne, mechanischen Vorschub
HS(HSS),HW(HM) raporté, 4(3) dents, avance mécanique



D	R	dH7	Kod
100	3	30	10003
100	4	30	10004
100	5	30	10005
100	6	30	10006
100	7,5	30	10007
120	10	30	12010
120	12,5	30	12012
140	15	30	12015
140	16	30	12016
140	17,5	30	12017
140	20	30	14020

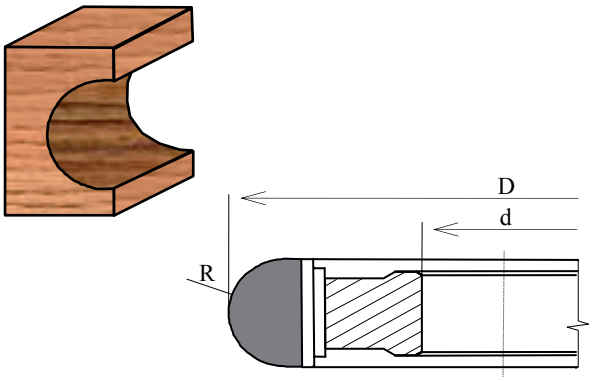
MEC



252 HS
253 HW

ZAOBĽOVACIA POLKRUHOVÁ FRÉZA vypuklá
Radius form hemicyclical cutter - embossed
Halbkreiskonvexer Fräser
Fraise 1/2 rond convexe

HS(HSS),HW(HM) rezné platničky, 4 zuby, strojový posuv
HS(HSS),HW(HM) tipped, 4 teeth, mechanical feed
HS(HSS),HW(HM) bestückt, 4 Zähne, mechanischen Vorschub
HS(HSS),HW(HM) raporté, 4 dents, avance mécanique



D	R	dH7	Kod
100	3,5	30	10003
100	4	30	10004
100	5	30	10005
100	6	30	10006
100	7,5	30	10007
100	10	30	10010
120	12,5	30	10012
120	15	30	12015
120	17,5	30	12017
140	20	30	14020

MAN

B-TEST
09-02

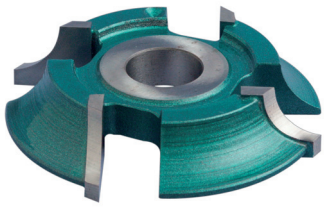
262 HS
263 HW

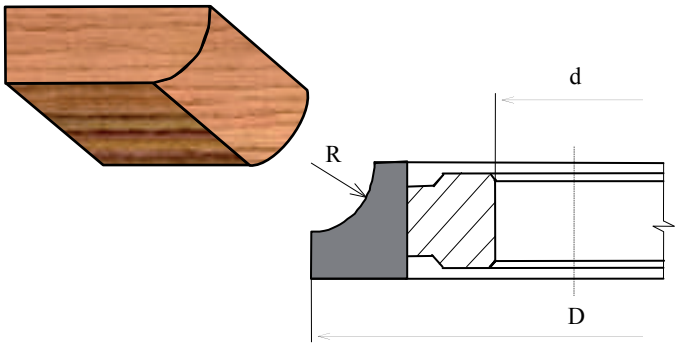
ZAOBĽOVACIA FRÉZA ŠTVRŤKRUHOVÁ vydutá
Radius form quarter - ring cutter - convex
Viertelkreiskonkaver Fräser
Fraise 1/4 rond concave

HS(HSS),HW(HM) rezné platničky, 4(3) zuby, strojový posuv
HS(HSS),HW(HM) tipped, 4(3) teeth, mechanical feed
HS(HSS),HW(HM) bestückt, 4(3) Zähne, mechanischen Vorschub
HS(HSS),HW(HM) raporté, 4(3) dents, avance mécanique

D	R	dH7	Kod
100	3	30	10003
100	4	30	10004
100	5	30	10005
100	6	30	10006
100	8	30	10008
100	10	30	10010
130	12	30	13012
130	14	30	13014
130	15	30	13015
130	16	30	13016
140	20	30	14020
140	25	30	14025
160	30	30	16030
180	40	30	18040

MEC





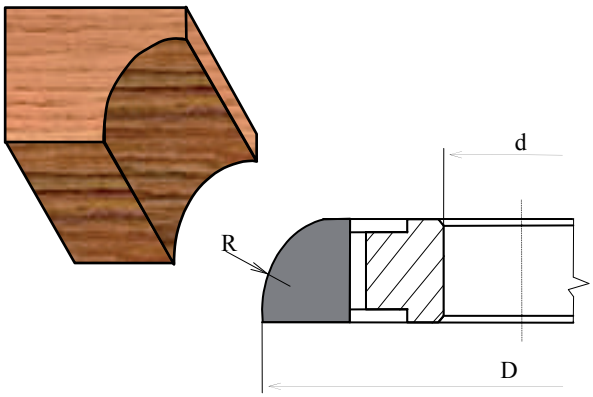
272 HS
273 HW

ZAOBĽOVACIA FRÉZA ŠTVRŤKRUHOVÁ vypuklá
Radius form quarter-ring cutter embossed
Viertelkreiskonvexer Fräser
Fraise 1/4 rond convex

HS(HSS),HW(HM) rezné platničky, 4 zuby, strojový posuv
HS(HSS),HW(HM) tipped, 4 teeth, mechanical feed
HS(HSS),HW(HM) bestückt, 4 Zähne, mechanischen Vorschub
HS(HSS),HW(HM) raporté, 4 dents, avance mécanique

D	R	dH7	Kod
100	4	30	10004
100	8	30	10008
100	10	30	10010
100	12	30	10012
100	14	30	10014
120	16	30	12016
120	20	30	12020
140	25	30	14025

MEC

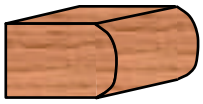


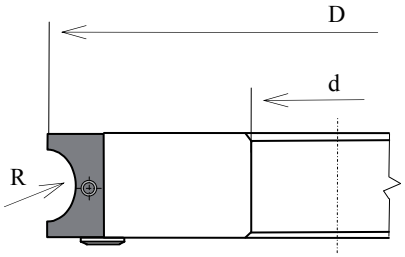
244 HW ZAOBĽOVACIA POLKRUHOVÁ FRÉZA ŽILETKOVÁ vydutá
Radius form hemicyclical cutter with throwaway knives convex
WP -Halbkreisformfräser
Fraise 1/2 rond concave

HW(HM) žiletky, 2(4) zuby, ručný posuv
HW(HM) knives, 2(4) teeth, manual feed
HW(HM) Wendeplatten, 2(4) Zähne, Hand Vorschub
HW(HM) Plaquettes, 2(4) dents, pour avance manuelle

D	R	dH7	Kod
140	6	30	14006
140	8	30	14007
140	10	30	14010
140	12	30	14012
140	15	30	14015

MAN



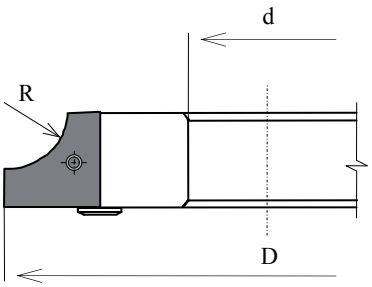


264 HW ZAOBĽOVACIA FRÉZA ŠTVRŤKRUHOVÁ ŽILETKOVÁ vydutá
Radius form quarter - ring cutter with throwaway knives - convex
WP - Viertelkreiskonkaver Fräser
Fraise 1/4 rond concave

HW(HM) žiletky, 2(4) zuby, ručný posuv
HW(HM) knives, 2(4) teeth, manual feed
HW(HM) Wendeplatten, 2(4) Zähne, Hand Vorschub
HW(HM) Plaquettes, 2(4) dents, pour avance manuelle

D	R	dH7	Kod
140	6	30	14006
140	8	30	14008
140	10	30	14010
140	12	30	14012
140	15	30	14015
140	20	30	14020

MAN



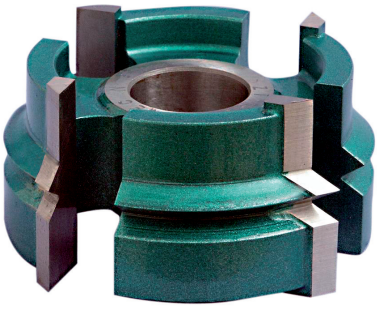
202 HS
203 HW

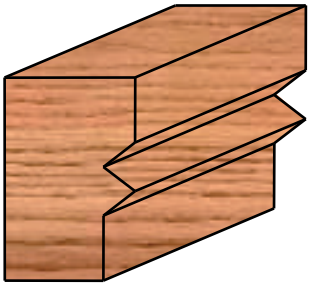
SPÁROVACIA FRÉZA
Mating cutter
Langlochfräser
Fraise bouvetage

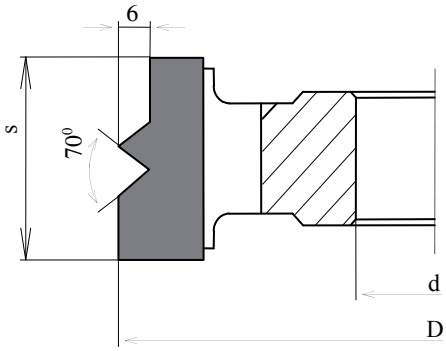
HS(HSS),HW(HM) rezné platničky, 4(2) zuby, strojový posuv
HS(HSS),HW(HM) tipped, 4(2) teeth, mechanical feed
HS(HSS),HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub
HS(HSS),HW(HM) raporté, 4(2) dents, avance mécanique

D	s	dH7	Kod
100	35	30	10035
100	50	30	10050
120	35	30	12035
120	50	30	12050

MEC







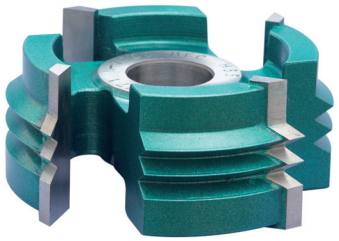
212 HS
213 HW

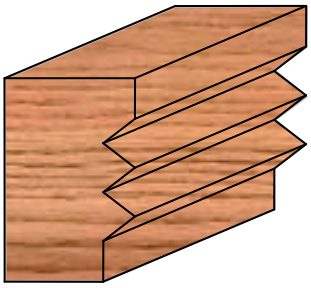
SPÁROVACIA FRÉZA
Mating cutter
Langlochfräser
Fraise bouvetage

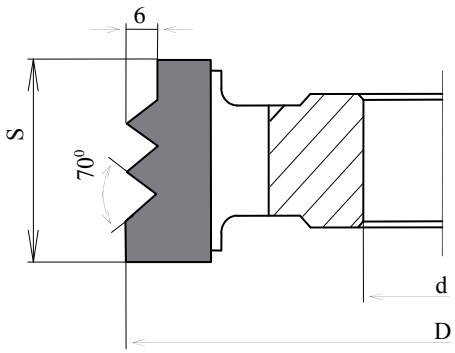
HS(HSS),HW(HM) rezné platničky, 4(2) zuby, strojový posuv
HS(HSS),HW(HM) tipped, 4(2) teeth, mechanical feed
HS(HSS),HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub
HS(HSS),HW(HM) raporté, 4(2) dents, avance mécanique

D	s	dH7	Kod
100	35	30	10035
100	50	30	10050
120	35	30	12035
120	50	30	12050

MEC







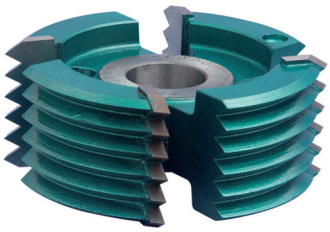
222 HS
223 HW

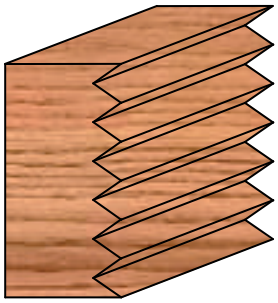
SPÁROVACIA FRÉZA
Mating cutter
Langlochfräser
Fraise bouvetage

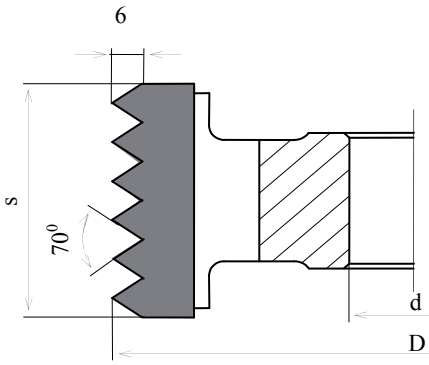
HS(HSS),HW(HM) rezné platničky, 4(2) zuby, strojový posuv
HS(HSS),HW(HM) tipped, 4(2) teeth, mechanical feed
HS(HSS),HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub
HS(HSS),HW(HM) raporté, 4(2) dents, avance mécanique

D	s	dH7	Kod
100	35	30	10035
100	50	30	10050
120	35	30	12035
120	50	30	12050

MEC





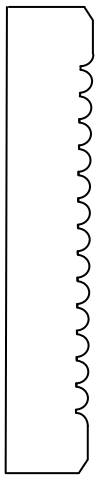


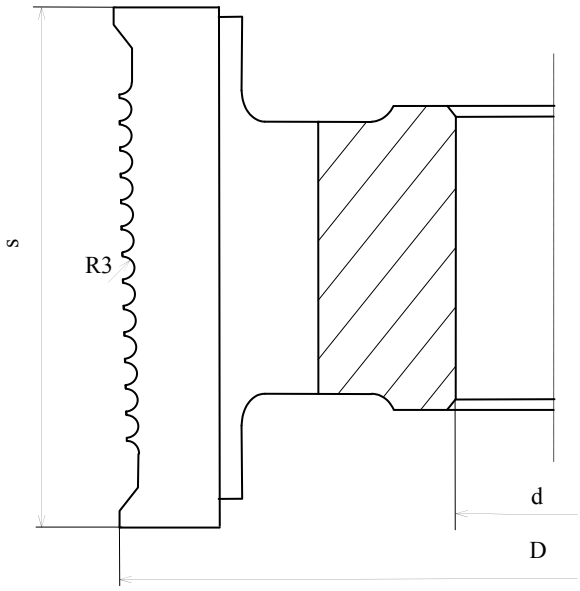
220 HS
HW

TVAROVÁ FRÉZA NA TERASOVÉ PROFILY
Profile cutters
Profilfräser
Fraise a profil

HS(HSS),HW(HM) rezné platničky, 4 zuby, strojový posuv
HS(HSS),HW(HM) tipped, 4 teeth, mechanical feed
HS(HSS),HW(HM) bestückt, 4 Zähne, mechanischen Vorschub
HS(HSS),HW(HM) raporté, 4 dents, avance mécanique

D	s	dH7	Kod
130	90	30/40/	13090
130	145	30/40/	130145





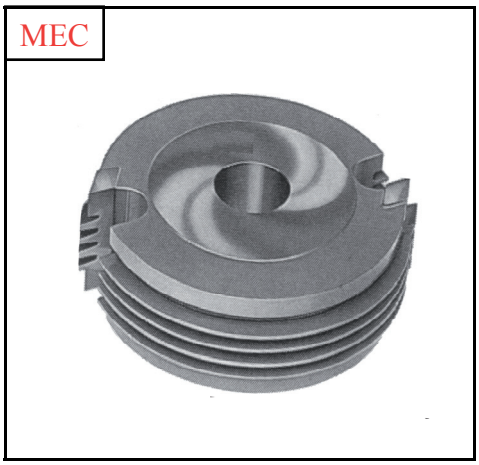
212A HS
213A HW

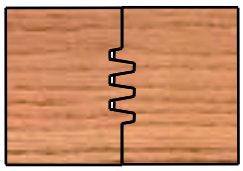
SPÁROVACIA FRÉZA
Mating cutter with throwaway knives
WP - Langlochfräser
Fraise bouvetage

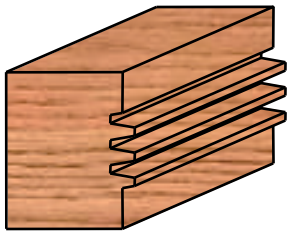
HS(HSS),HW(HM) rezné platničky, 4(2) zuby, strojový posuv
HS(HSS),HW(HM) tipped, 4(2) teeth, mechanical feed
HS(HSS),HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub
HS(HSS),HW(HM) raporté, 4(2) dents, avance mécanique

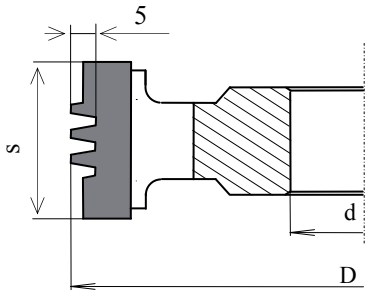
D	s	dH7	Kod
120	50	30	12050
120	60	30	12060

MEC







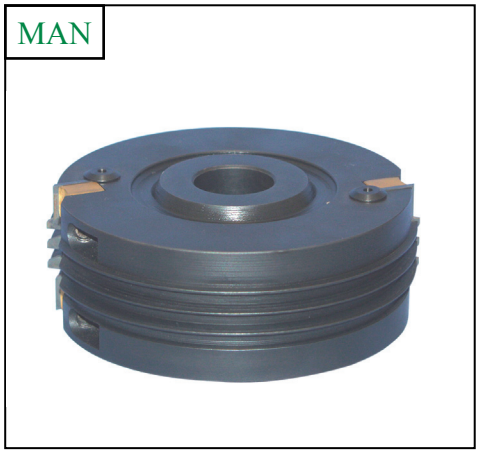


224 HW

SPÁROVACIA FRÉZA ŽILETKOVÁ
Mating cutter with throwaway knives
WP - Langlochfräser
Fraise bouvetage

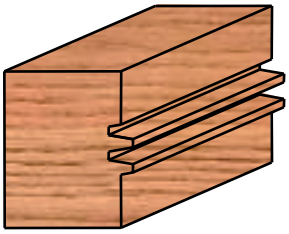
HW(HM) žiletky, 2 zuby, ručný posuv
HW(HM) knives, 2 teeth, manual feed
HW(HM) Wendeplatten, 2 Zähne, Hand Vorschub
HW(HM) Plaquettes, 2 dents, pour avance manuelle

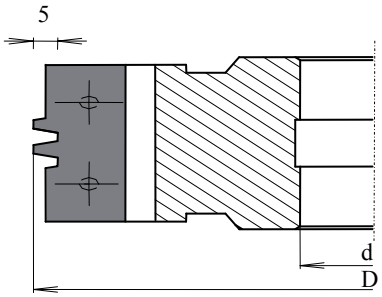
MAN



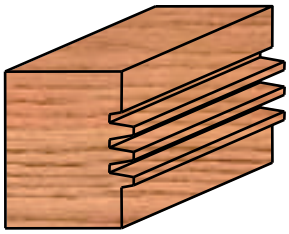
Typ	D	s	Z	dH7	Kod
A	140	50	2	30	A12050
B	140	50	2	30	B12050
C	140	50	2	30	C12050

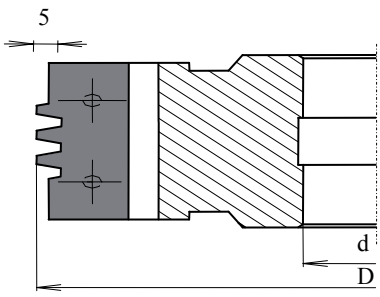
Typ A



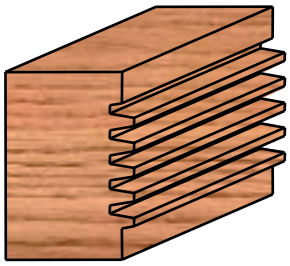


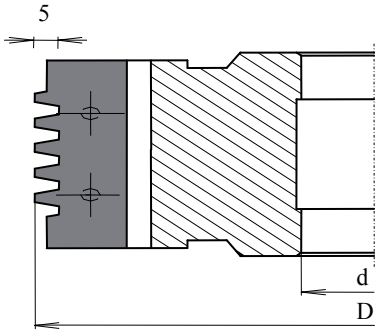
Typ B





Typ C





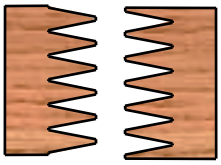
232 HS

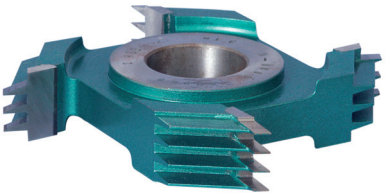
CINKOVACIA FRÉZA
Minizinkenfräser
Mini finger joint cutterbloks
Fraise d´aboutage

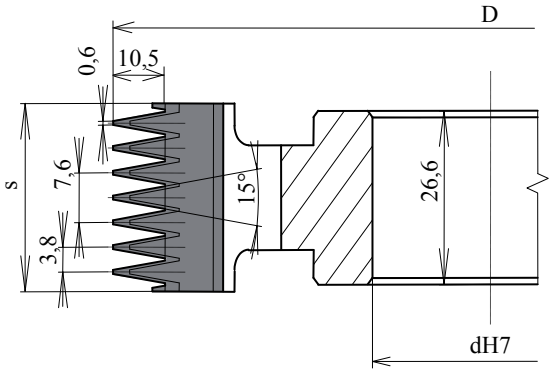
HS(HSS) ,HW(HM) rezné platničky, 4 zuby, strojový posuv
HS(HSS) ,HW(HM) tipped, 4teeth, mechanical feed
HS(HSS) ,HW(HM) bestückt, 4 Zähne, mechanischen Vorschub
HS(HSS) ,HW(HM) raporté, 4 dents, avance mécanique

D	s	dH7	Kod
160	28,6	40	16028

MEC



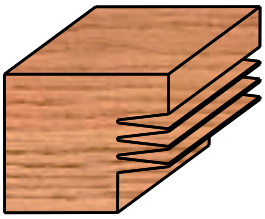


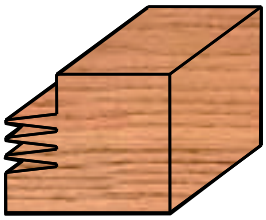


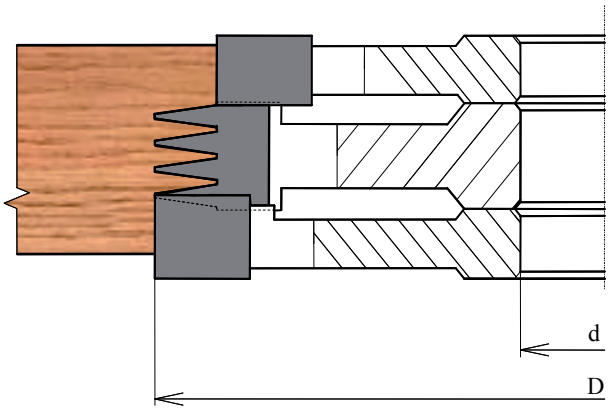
232A HS
233A HW

CINKOVACIA FRÉZA staviteľná
Minizinkenfräser
Mini finger joint cutterbloks
Fraise d´aboutage

HS(HSS) ,HW(HM) rezné platničky, 4 zuby, strojový posuv
HS(HSS) ,HW(HM) tipped, 4teeth, mechanical feed
HS(HSS) ,HW(HM) bestückt, 4 Zähne, mechanischen Vorschub
HS(HSS) ,HW(HM) raporté, 4 dents, avance mécanique







233 HW CINKOVACIA FRÉZA
Minizinkenfräser
Mini finger joint cutterbloks
Fraise d´aboutage

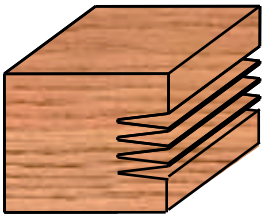
HW(HM) rezné platničky, 4,6 zubov, strojový posuv
HW(HM) tipped, 4teeth, mechanical feed
HW(HM) bestückt, 4 Zähne, mechanischen Vorschub
HW(HM) raporté, 4 dents, avance mécanique

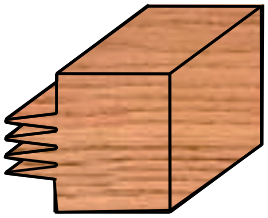
D	s	dH7	z	Kod
160	4	70	4	16004
160	10	70	4	16010
250	4	70	6	25004
250	10	70	6	25010

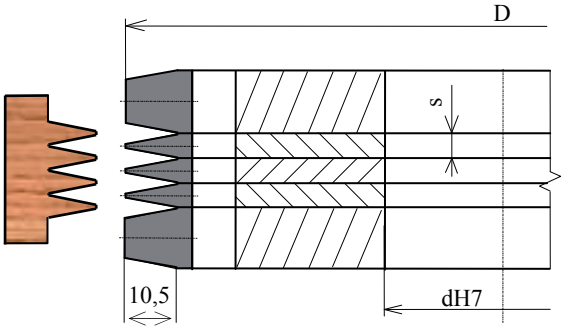
MEC

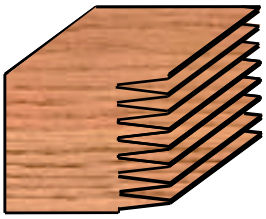
Použiteľnosť fréz na mäkké a tvrdé drevo,
Určené na pozdĺžne spájanie hranolov,
Samosvornosť spoja 10/11 mm,
Šírka spoja podľa počtu fréz v súprave,
Variabilita v rôznych modifikáciách

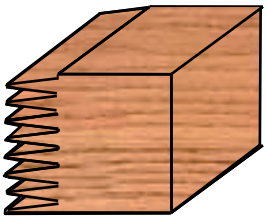
- **cinkovacie frézy 3,8mm**
- **referenčné frézy veľkosti na vrchný, stredový alebo spodný priemer spoja.**

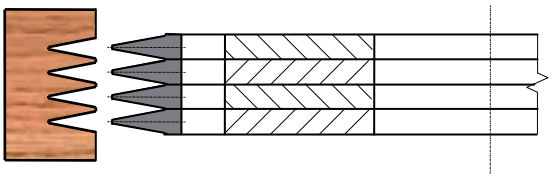


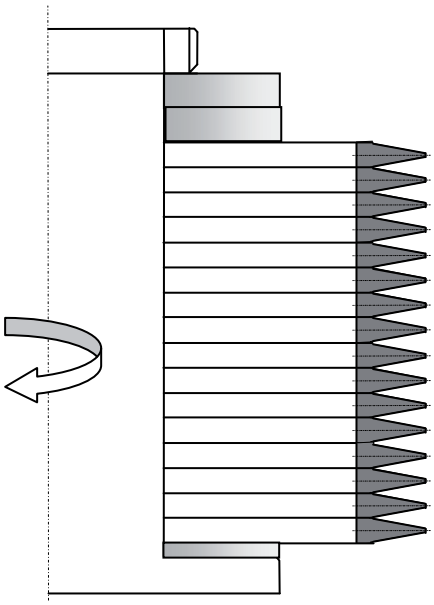


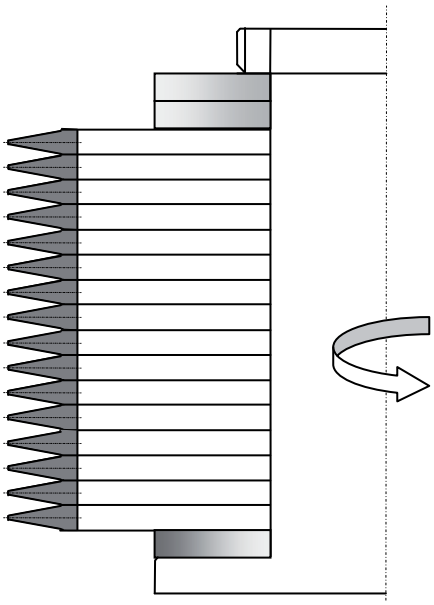








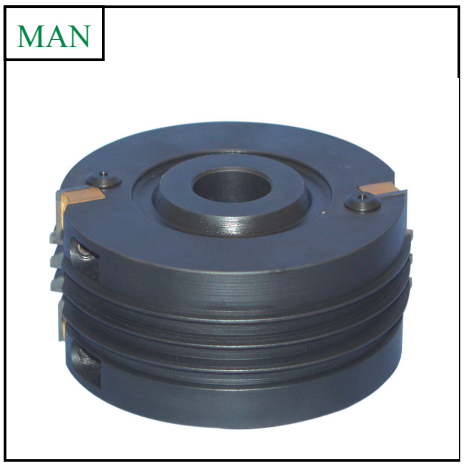




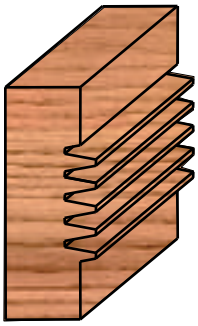
234 HW

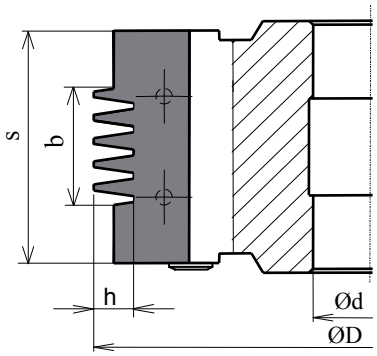
CINKOVACIA FRÉZA ŽILETKOVÁ
WP - Minizinkenfräser
Mini finger joint cutterbloks with throwaway knives
Fraise d´aboutage

HW(HM) žiletky, 2 zuby, ručný posuv
HW(HM) knives, 2 teeth, manual feed
HW(HM) Wendeplatten, 2 Zähne, Hand Vorschub
HW(HM) Plaquettes, 2 dents, pour avance manuelle



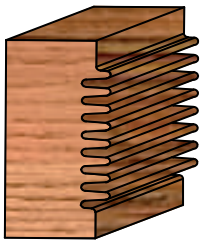
Typ E , F , G , H

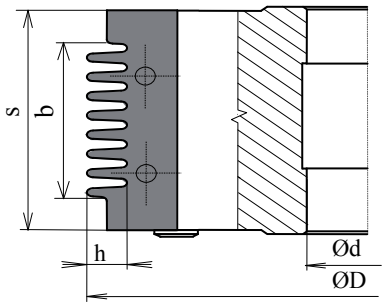




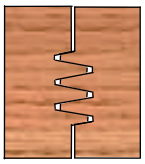
Typ	D	h	b	s	z	dH7	Kod
E	140	10	18	50	2	30	E14050
F	140	10	30	60	2	30	F14060
G	140	8	16,2	50	2	30	G14050
H	140	8	27	60	2	30	H14060
I	140	10	30,8	50	2	30	I14050
J	140	10	58,8	80	2	30	J14080
K	140	10		50-100	2	30	K14000

Typ I , J

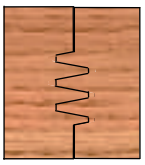




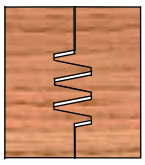
Druhy spojov



tesný spoj

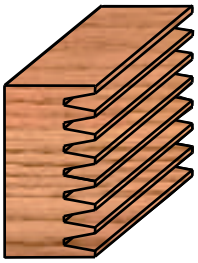


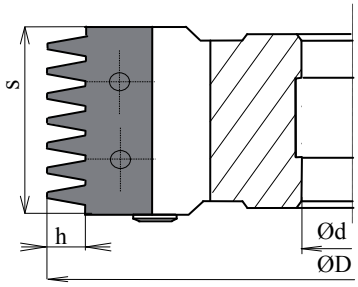
pravidelný spoj

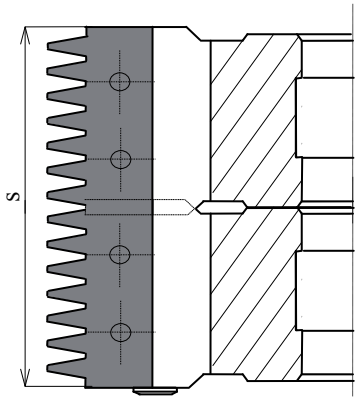


volný spoj

Typ K







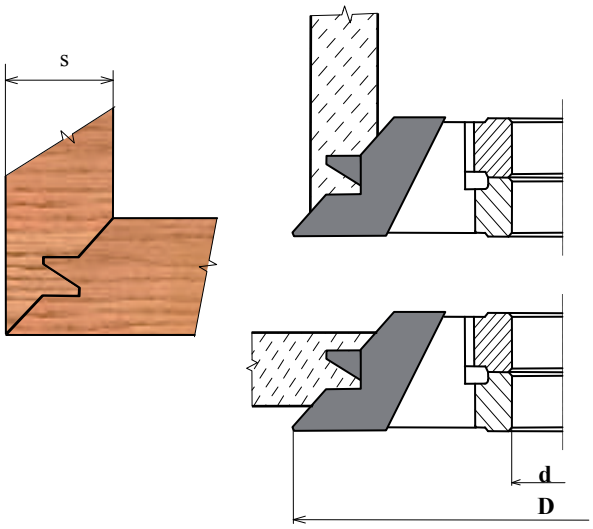
682 HS
683 HW

FRÉZA NA ROHOVÝ SPOJ
Mitre Glue Joint Cutterhead
Gehrungsverleim Messerkopf 45^0
Porte outils bouvetage d´angle 45^0

HS(HSS),HW(HM) rezné platničky, 2+2 zuby, strojový posuv
HS(HSS),HW(HM) tipped, 2+2 teeth, mechanical feed
HS(HSS),HW(HM) bestückt, 2+2 Zähne, mechanischen Vorschub
HS(HSS),HW(HM) raporté, 2+2 dents, avance mécanique

D	s	dH7	Kod
140	35	30	14035

MEC

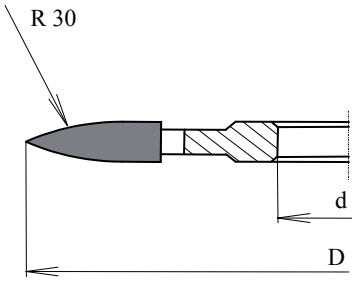


692 HS
693 HW

FRÉZA NA LODIČKY
Lamello – groove cutter
Harzgallenfräser
Fraise a lamello

HS(HSS),HW(HM) rezné platničky, 4 zuby, strojový posuv
HS(HSS),HW(HM) tipped, 4 teeth, mechanical feed
HS(HSS),HW(HM) bestückt, 4 Zähne, mechanischen Vorschub
HS(HSS),HW(HM) raporté, 4 dents, avance mécanique

D	s	dH7	Kod
100	8	22	10008



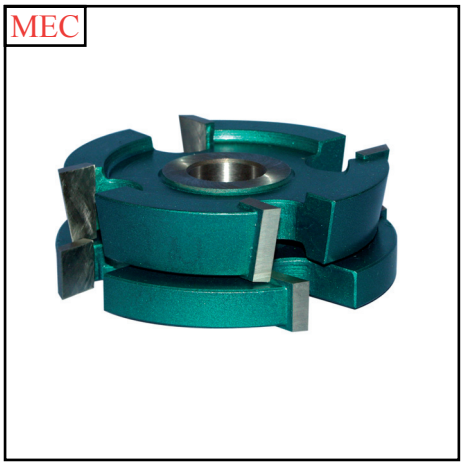
312A HS

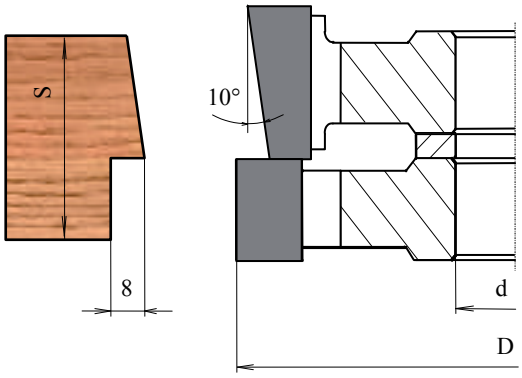
FRÉZOVACIA SÚPRAVA NA KRÍDLA OKIEN PROFIL V 1-1
Cuter package for window wings profil V 1-1
Fräsersatz für Fensterflügel profil V 1-1
Fraises pour profillage ouvrant profil V 1-1

HS(HSS) ,HW(HM) rezné platničky, 4 zuby, strojový posuv
HS(HSS) ,HW(HM) tipped, 4teeth, mechanical feed
HS(HSS) ,HW(HM) bestückt, 4 Zähne, mechanischen Vorschub
HS(HSS) ,HW(HM) raporté, 4 dents, avance mécanique

D	s	dH7	Kod
140	40	30	14040

MEC





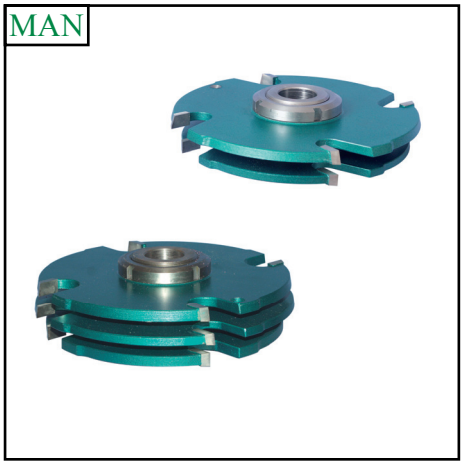
312B HS 313B HW

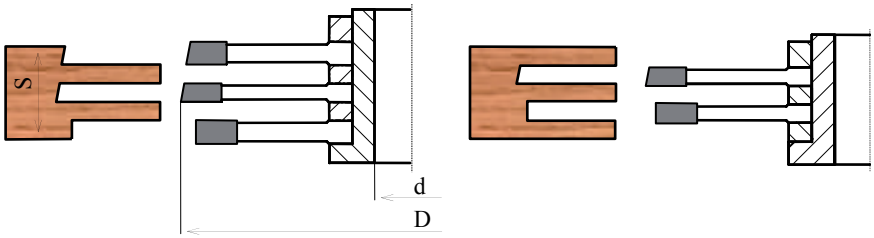
ČAPOVACIA SÚPRAVA NA KRÍDLA OKIEN PROFIL V1-1
Tenon joiting package for window wings shape V1-1
Fingerfräser für Fensterflügel Profil V1-1
Fraises pour tenonnage et enfourchement profil V1-1

HS(HSS) ,HW(HM) rezné platničky, 4 zuby, ručný a strojový posuv
HS(HSS) ,HW(HM) tipped, 4 teeth, manual and mechanical feed
HS(HSS) ,HW(HM) bestückt, 4 Zähne, Hand- und mechanischen Vorschub
HS(HSS) ,HW(HM) raporté, 4 dents, pour avance manuelle ou mécanique

D	s	dH7	Kod
200 /250/	40	30	20040

MAN





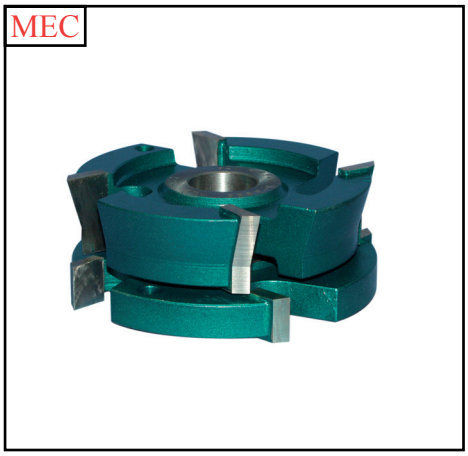
322A HS
323A HW

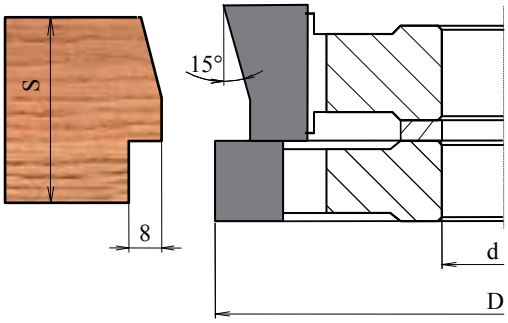
FRÉZOVACIA SÚPRAVA NA KRÍDLA OKIEN PROFIL 21
Cuter package for window wings shape-21
Fräsersatz für Fensterflügel Profil 21
Fraises pour profillage ouvrant profil 21

HS(HSS) ,HW(HM) rezné platničky, 4 zuby, strojový posuv
HS(HSS) ,HW(HM) tipped, 4 teeth, mechanical feed
HS(HSS) ,HW(HM) bestückt, 4 Zähne, mechanischen Vorschub
HS(HSS) ,HW(HM) raporté, 4 dents, avance mécanique

D	s	dH7	Kod
140	45	30	14045

MEC





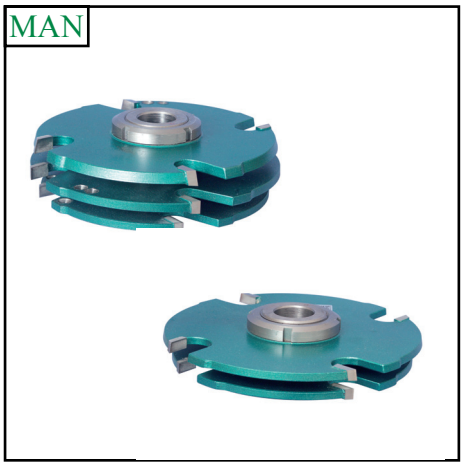
322B HS
323B HW

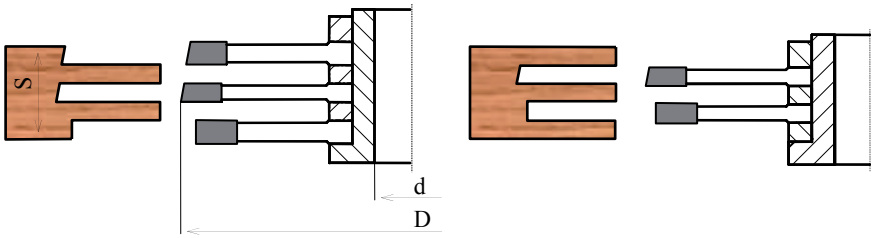
ČAPOVACIA SÚPRAVA NA KRÍDLA OKIEN PROFIL 21
Tenon jointing package for window wings shape 21
Fingerfräser für Fensterflügel Profil 21
Fraises pour tenonnage et enfourchement ouvrant profil 21

HS(HSS) ,HW(HM) rezné platničky, 4 zuby, ručný a strojový posuv
HS(HSS) ,HW(HM) tipped, 4 teeth, manual and mechanical feed
HS(HSS) ,HW(HM) bestückt, 4 Zähne,Hand- und mechanischen Vorschub
HS(HSS) ,HW(HM) raporté, 4 dents, pour avance manuelle ou mécanique

D	s	dH7	Kod
200 /250/	45	30	20045

MAN





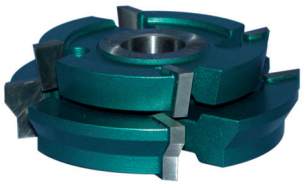
332A HS
333A HW

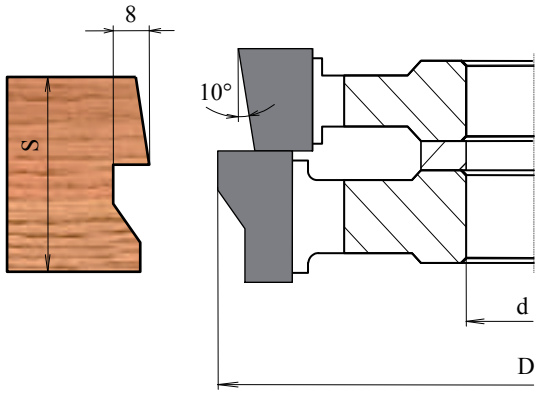
FRÉZOVACIA SÚPRAVA NA RÁMY OKIEN PROFIL V1-10
Cutter package for window frames shape V1-10
Fräsersatz fűr Fensterrahmen Profil V1-10
Fraises pour profillage dormant profil V 1-10

HS(HSS) ,HW(HM) rezné platničky, 4 zuby, strojový posuv
HS(HSS) ,HW(HM) tipped, 4 teeth, mechanical feed
HS(HSS) ,HW(HM) bestückt, 4 Zähne, mechanischen Vorschub
HS(HSS) ,HW(HM) raporté, 4 dents, avance mécanique

D	s	dH7	Kod
140	40	30	14040

MEC





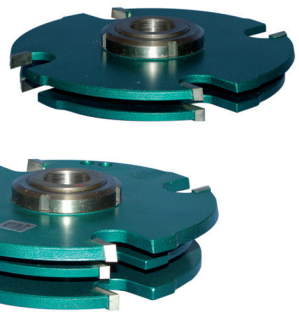
332B HS
333B HW

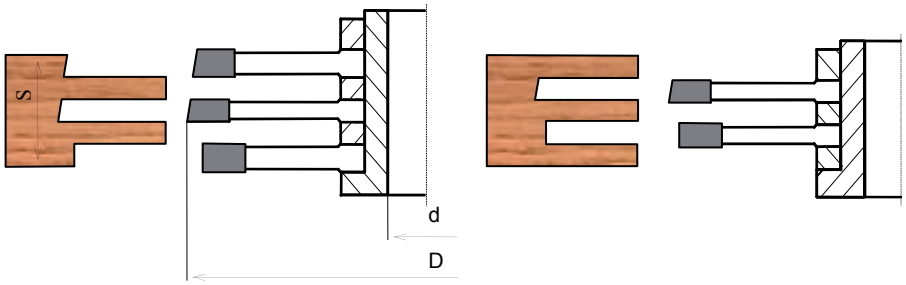
ČAPOVACIA SÚPRAVA NA KRÍDLA OKIEN V1-10
Tenon jointing package for window wings shape V1-10
Fingerfräser für Fensterflügel Profil V1-10
Fraises pour tenonnage et enfourchement ouvrant profil V1-10

HS(HSS) ,HW(HM) rezné platničky, 4 zuby, ručný a strojový posuv
HS(HSS) ,HW(HM) tipped, 4 teeth, manual and mechanical feed
HS(HSS) ,HW(HM) bestückt, 4 Zähne,Hand- und mechanischen Vorschub
HS(HSS) ,HW(HM) raporté, 4 dents, pour avance manuelle ou mécanique

D	s	dH7	Kod
200 /250/	40	30	20040

MAN





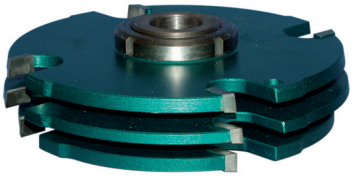
312C HS
313C HW

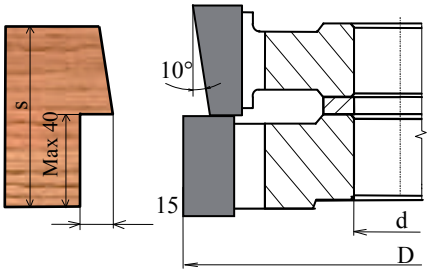
FRÉZOVACIA A ČAPOVACIA SÚPRAVA NA KRÍDLA OKIEN S IZOLAČNÝM DVOJSKLOM
Cutter package and tenon jointing package for window wings
Fräsersatz und Fingerfräser fűr Fenszterflűgel
Fraises pour profillage, tenonnage et enfourchement ouvrant avec double vitrage

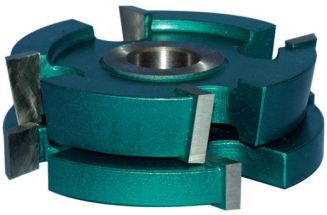
HS(HSS) ,HW(HM) rezné platničky, 4 zuby, ručný a strojový posuv
HS(HSS) ,HW(HM) tipped, 4 teeth, manual and mechanical feed
HS(HSS) ,HW(HM) bestückt, 4 Zähne,Hand- und mechanischen Vorschub
HS(HSS) ,HW(HM) raporté, 4 dents, pour avance manuelle ou mécanique

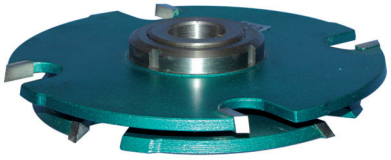
Frézovacia súprava			
D	s	dH7	Kod
140	max65	30	14065

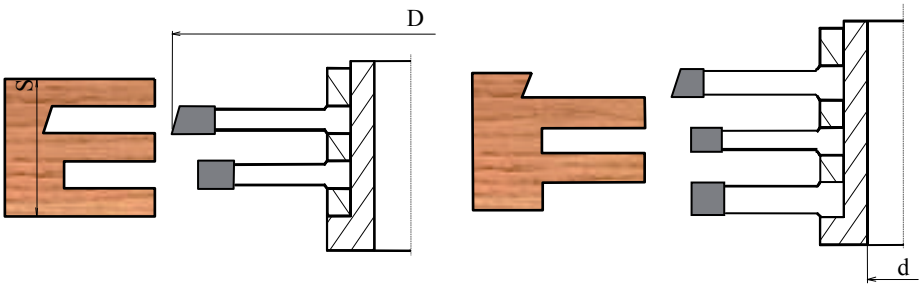
Čapovacia súprava			
D	s	dH7	Kod
250	max65	30	25065











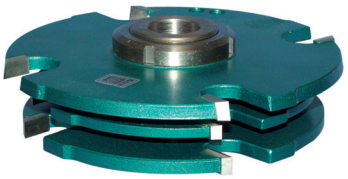
332C HS
333C HW

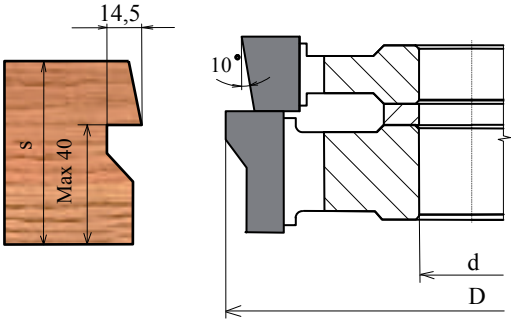
FRÉZOVACIA A ČAPOVACIA SÚPRAVA NA RÁMY OKIEN S IZOLAČNÝM DVOJSKLOM
Cutter package and tenon jointing package for window frames
Fräsersatz und Fingerfräser fűr Fenszterramen
Fraises pour profillage tenonnage et enfourchement dormant avec double vitrage

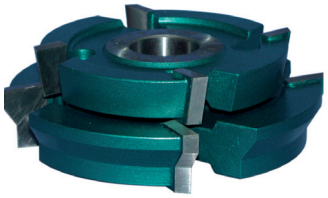
HS(HSS) ,HW(HM) rezné platničky, 4 zuby, ručný a strojový posuv
HS(HSS) ,HW(HM) tipped, 4 teeth, manual and mechanical feed
HS(HSS) ,HW(HM) bestückt, 4 Zähne,Hand- und mechanischen Vorschub
HS(HSS) raporté, 4 dents, pour avance manuelle ou mécanique

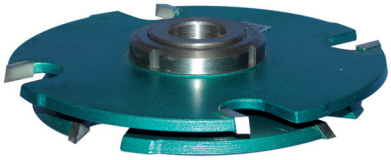
Frézovacia súprava			
D	s	dH7	Kod
140	max65	30	14065

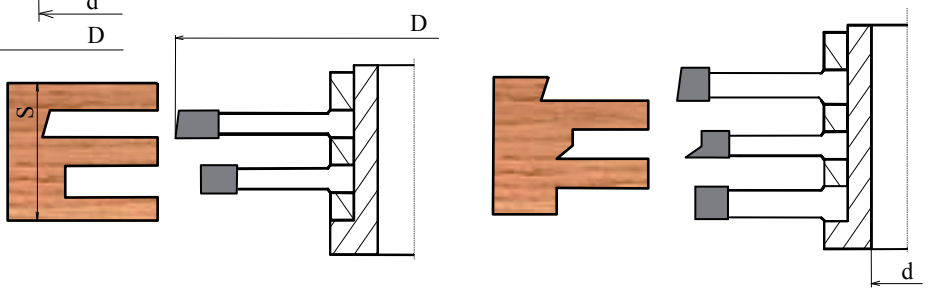
Čapovacia súprava			
D	s	dH7	Kod
250	max65	30	25065











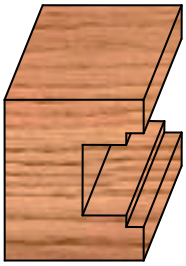
352 HS
353 HW

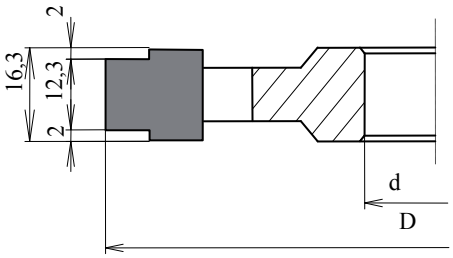
FRÉZA NA CELOOBVODOVÉ KOVANIE
Cutter for window fitting
Verschluss – Nutfräser
Fraise a rainer pour crémones

HS(HSS),HW(HM) rezné platničky, 4(2) zuby, strojový posuv
HS(HSS),HW(HM) tipped, 4(2) teeth, mechanical feed
HS(HSS),HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub
HS(HSS),HW(HM) raporté, 4(2) dents, avance mécanique

D	s	dH7	Kod
140	16,3	30	14016

MEC





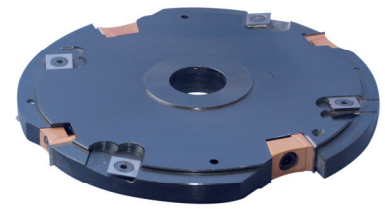
354 HW

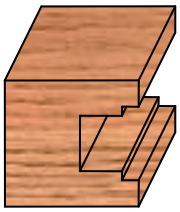
FRÉZA NA CELOOBVODOVÉ KOVANIE ŽILETKOVÁ s predrezávačmi
Cutterheads for window fitting with throwaway knives and spurs
Verschluss – Nutfräser mit Vorschneider
Fraise a rainer pour crémones

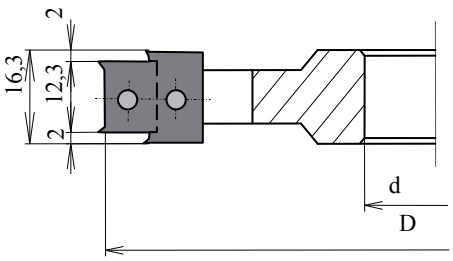
HW(HM) žiletky a predrezávače, 4 zuby, 4 predrezávače, strojový posuv
HW(HM) knives and spurs, 4 teeth, 4 spurs, mechanical feed
HW(HM) Wendeplatten, 4 Zähne, 4 Vorschneider, mechanischen Vorschub
HW(HM) Plaquettes,araseurs, 4 dents, 4 araseurs, avance mécanique

D	s	dH7	Kod
160	16,3	30	14016

MAN







HS
HW

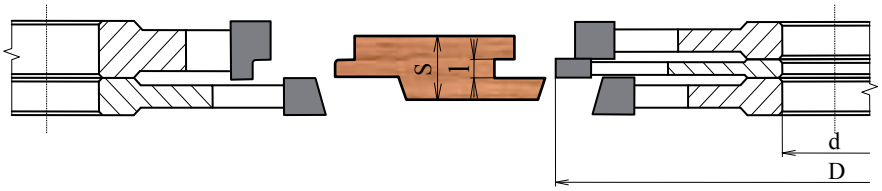
SÚPRAVA FRÉZ NA TATRANSKÝ PROFIL

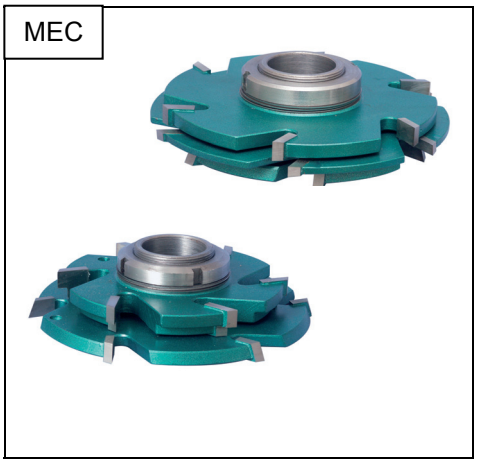
Package of cutters for tatran profile

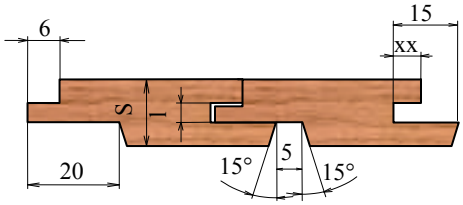
Fräsersaz fűr Wandverkleidungen Profil

Jeu a bouvetage rainure - languette

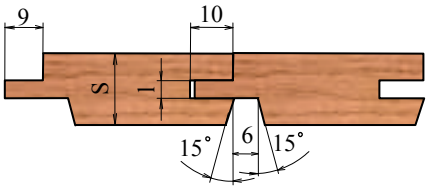
HS(HSS),HW(HM) rezné platničky, 4(6) zubov, strojový posuv
HS(HSS),HW(HM) tipped, 4(6) teeth, mechanical feed
HS(HSS),HW(HM) bestückt, 4(6) Zähne, mechanischen Vorschub
HS(HSS),HW(HM) raporté, 4(6) dents, avance mécanique



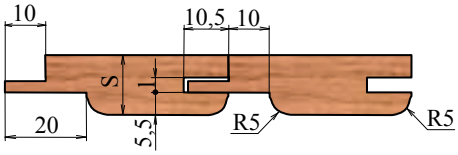




712 HS
713 HW

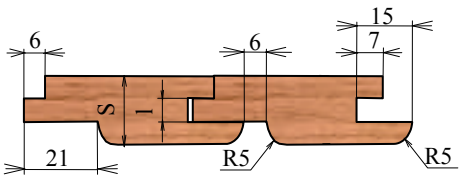


722 HS
723 HW



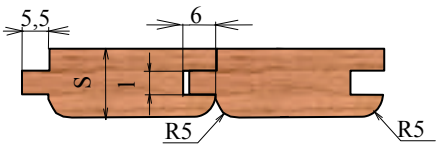
732 HS
733 HW

Typ	D	s	dH7	l	Kod
712 (713)	140	14-24	30 (40)	5	14024
	160	12-24	30 (40)	5	16024
	180	10-18	30 (40)	4	18012
	180	14-24	30 (40)	5	18024
722 (723)	160	12-24	30 (40)	5	16024
732 (733)	160	14-20	30 (40)	5	16020
	160	14-26	30 (40)	5-8	16026
742 (743)	160	14-20	30 (40)	5	18019
	180	14-24	30 (40)	5	18024
	180	10-12	30 (40)	3	18012
752 (753)	180	10-12	30 (40)	4	18012



742 HS
743 HW

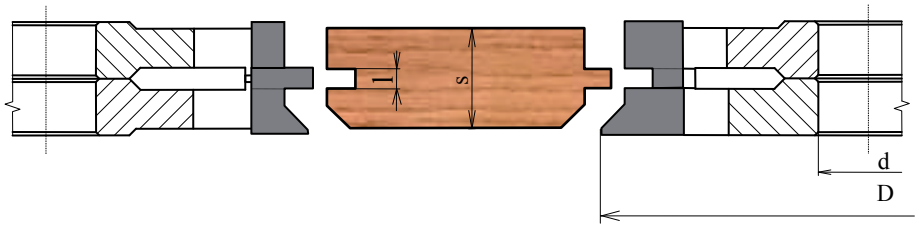
752 HS
753 HW

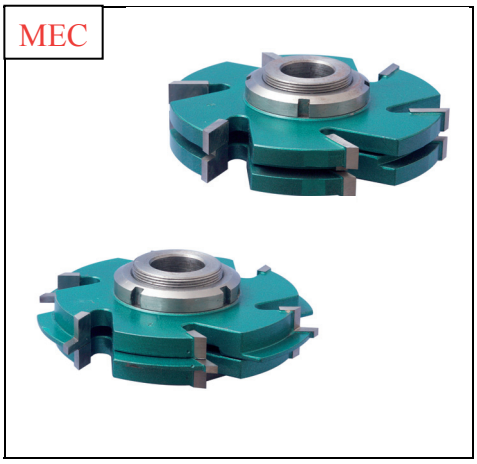


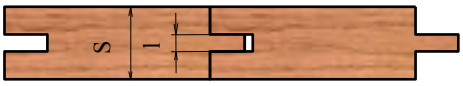
HS HW

NASTAVITEĽNÁ FRÉZOVACIA SÚPRAVA NA PERO A DRÁŽKU
ADJUSTABLE tongue – and – groove cutters
VERSTEBARER FRÄSERSATZ für Nut und Feder
JEU A BOUVETAGE rainure – languette

HS(HSS), HW(HM) rezné platničky, 4 - 6 zubov, strojový posuv
HS(HSS), HW(HM) tipped, 4 - 6 teeths, mechanical feed
HS(HSS), HW(HM) bestückt, 4 - 6 Zähne, mechanischen Vorschub
HS(HSS), HW(HM) raporté, 4 - 6 dents, avance mécanique

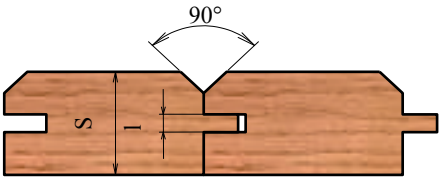






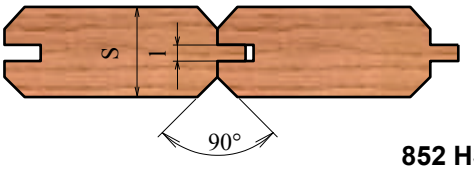
802 HS
803 HW

Typ	D	s	dH7	l	Kod
802 (803)	140	15 – 22	30 (40)	4-6	14022
	160	15 – 22	30 (40)	4-6	16022
	160	22 – 37	30 (40)	4-6	16037
	160	37 – 50	30 (40)	4-6	16050
	180	22 - 37	30 (40)	4-6	18037



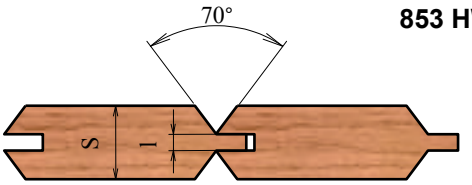
842 HS
843 HW

Typ	D	s	dH7	l	Kod
842 (843)	140	10-14	30 (40)	3,5-5	14014
	140	15-22	30 (40)	4-6	14022
	160	15-22	30 (40)	4-6	16022
	180	10-14	30 (40)	4-6	18014
	180	15-22	30 (40)	4-6	18022
	180	22-37	30 (40)	5-7	18037



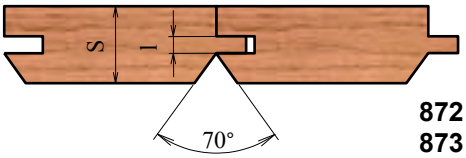
852 HS
853 HW

Typ	D	s	dH7	l	Kod
852 (853)	140	16-20	30 (40)	4-6	14020
	160	16-20	30 (40)	4-6	16020
	180	15-22	30 (40)	4-6	18022
	180	22-37	30 (40)	5-7	18037



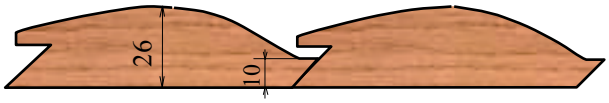
862 HS
863 HW

Typ	D	s	dH7	l	kód
862 (863)	140	12-24	30 (40)	4-6	14024
	160	12-24	30 (40)	4-6	16024
	180	12-24	30 (40)	4-6	18024



872 HS
873 HW

Typ	D	s	dH7	l	kód
872 (873)	140	12-24	30 (40)	4-6	14024
	160	12-24	30 (40)	4-6	16024
	180	12-24	30 (40)	4-6	18024

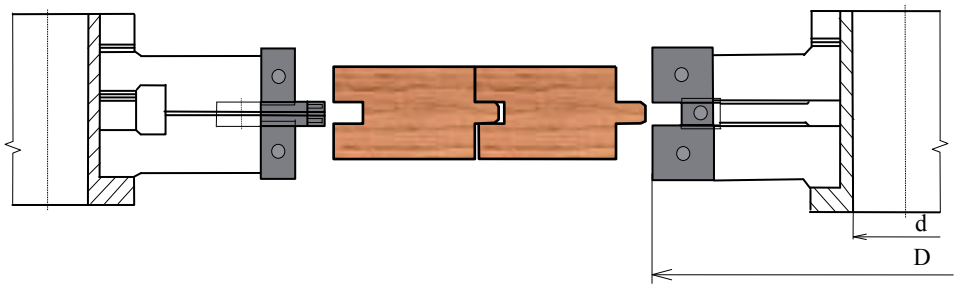


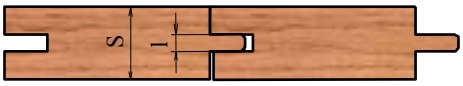
882 HS

Typ	D	s	dH7	l	kód
882	140	26	30 (40)		14026

HW NASTAVITEĽNÁ FRÉZOVACIA SÚPRAVA NA PERO A DRÁŽKU ŽILETKOVÁ
ADJUSTABLE tongue – and – groove cutters with throwaway knives
WP - VERSTEBARER FRÄSERSATZ für Nut und Feder
JEU A BOUVETAGE rainure – languette

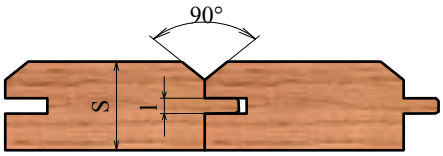
HW(HM) žiletky a predrezávače, 4 zuby, ručný posuv
HW(HM) knives and spurs, 4 teeth, manual feed
HW(HM) Wendeplatten und Vorschneider, 4 Zähne, Hand Vorschub
HW(HM) Plaquettes,araseurs, 4 dents, pour avance manuelle





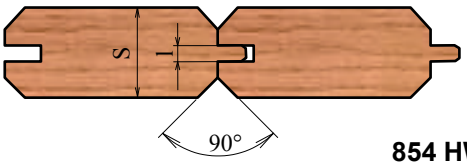
804 HW

Typ	D	s	dH7	l	Kod
804	180(160)	13 – 34	30 / 40 / 50	4-7,5	80418034



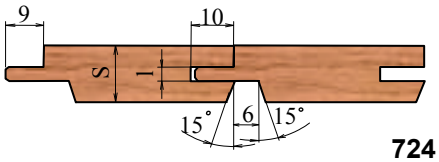
844 HW

Typ	D	s	dH7	l	Kod
844	180(160)	13-34	30 / 40 / 50	4-7,5	84418034



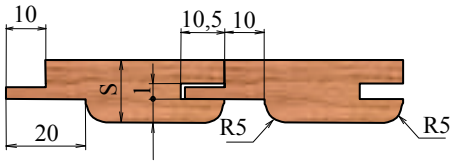
854 HW

Typ	D	s	dH7	l	Kod
854	180(160)	13-34	30 / 40 / 50	4-7,5	85418034



724 HW

Typ	D	s	dH7	l	Kod
724	180(160)	10-34	30 / 40 / 50	4-7,5	72418034



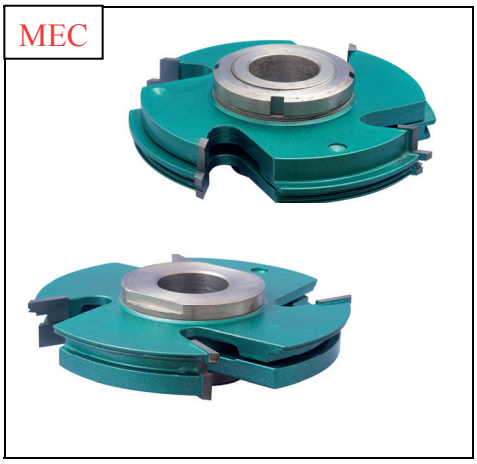
734 HW

Typ	D	s	dH7	l	Kod
734	180(160)	10-34	30 / 40 / 50	4-7,5	73418034

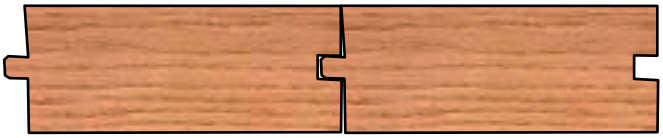
HS
HW

NASTAVITEĽNÁ FRÉZOVACIA SÚPRAVA NA PARKETY
Adjustable tongue – and groove cutters
Verstebarer Fräsersatz fűr Nut und Feder
Jeu a bouvetage rainure - languette

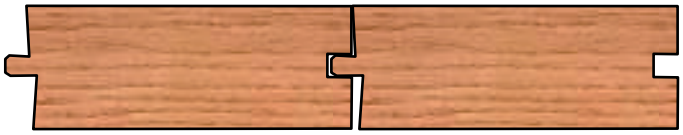
HS(HSS),HW(HM) rezné platničky, 4 -6 zubov, strojový posuv
HS(HSS),HW(HM) tipped, 4 - 6 teeth, mechanical feed
HS(HSS),HW(HM) bestückt, 4 - 6 Zähne, mechanischen Vorschub
HS(HSS),HW(HM) raporté, 4 - 6 dents, avance mécanique



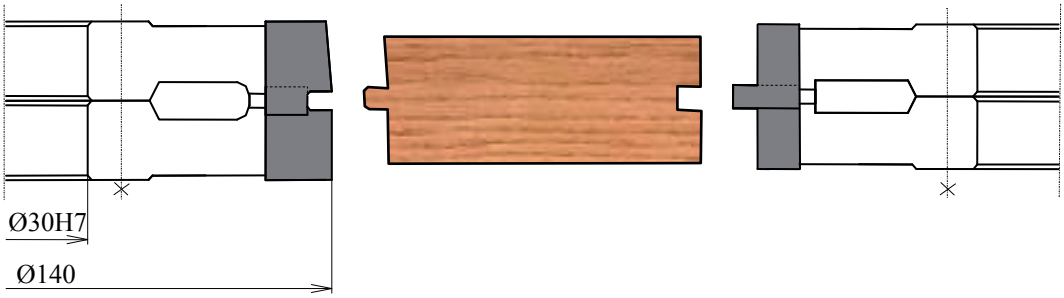
Typ A



Pozdĺžny profil



Priečny profil

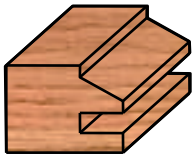


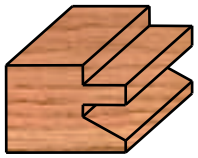
Typ B

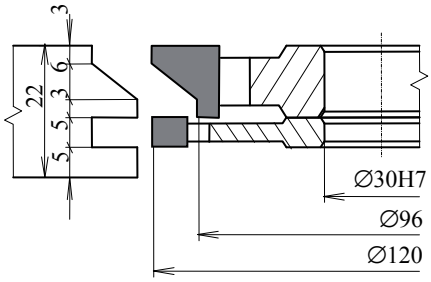
412A HS
413A HW

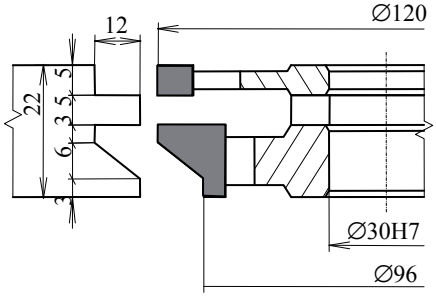
DVIERKOVÁ SÚPRAVA na pero a drážku
Door´s package on feather and groove
Türensatz fűr Feder und Nut
Coffret fraise pour ebenisterie

HS(HSS), HW(HM) rezné platničky, 4 zuby, strojový posuv
HS(HSS), HW(HM) tipped, 4 teeth, mechanical feed
HS(HSS), HW(HM) bestückt, 4 Zähne, mechanischen Vorschub
HS(HSS), HW(HM) raporté, 4 dents, avance mécanique





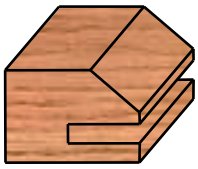


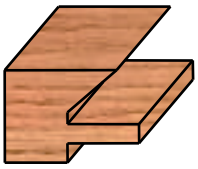


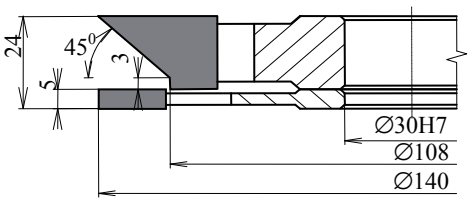
412B HS
413B HW

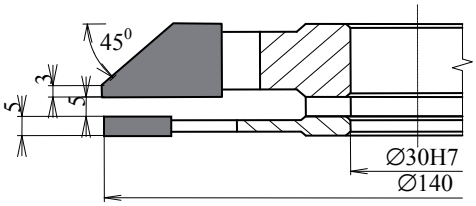
DVIERKOVÁ SÚPRAVA na pero a drážku
Door´s package on feather and groove
Türensatz fűr Feder und Nut
Coffret fraise pour ebenisterie

HS(HSS), HW(HM) rezné platničky, 4 zuby, strojový posuv
HS(HSS), HW(HM) tipped, 4 teeth, mechanical feed
HS(HSS), HW(HM) bestückt, 4 Zähne, mechanischen Vorschub
HS(HSS), HW(HM) raporté, 4 dents, avance mécanique





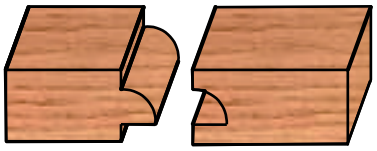


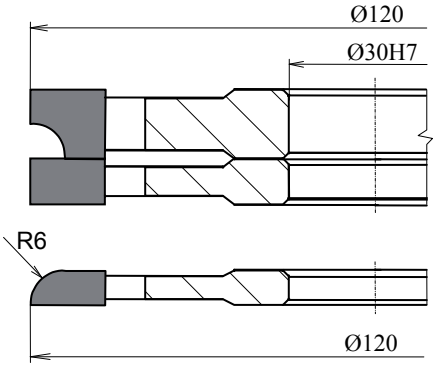


412C HS
413C HW

DVIERKOVÁ SÚPRAVA na pero a drážku
Door´s package on feather and groove
Türensatz fűr Feder und Nut
Coffret fraise pour ebenisterie

HS(HSS), HW(HM) rezné platničky, 4 zuby, strojový posuv
HS(HSS), HW(HM) tipped, 4 teeth, mechanical feed
HS(HSS), HW(HM) bestückt, 4 Zähne, mechanischen Vorschub
HS(HSS), HW(HM) raporté, 4 dents, avance mécanique



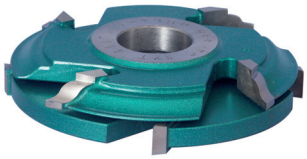


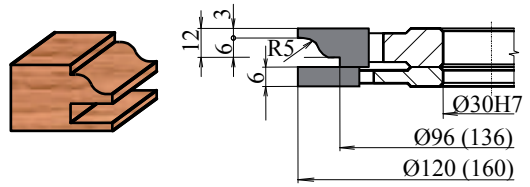
412D HS
413D HW

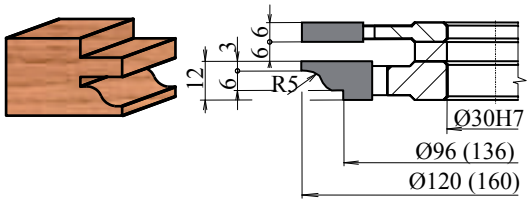
DVIERKOVÁ SÚPRAVA na pero a drážku
Door´s package on feather and groove
Türensatz fűr Feder und Nut
Coffret fraise pour ebenisterie

HS(HSS), HW(HM) rezné platničky, 4(2) zuby, strojový posuv
HS(HSS), HW(HM) tipped, 4(2) teeth, mechanical feed
HS(HSS), HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub
HS(HSS), HW(HM) raporté, 4(2) dents, avance mécanique

Súprava obsahuje : Tvarová fréza 120(160) x 12 x 30H7 -1ks
Drážkovacia fréza 120(160) x 6 x 30H7 -1ks
Medzikrúžok 50 x 6 x 30H7 -1ks





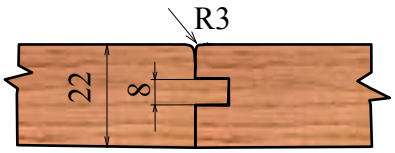


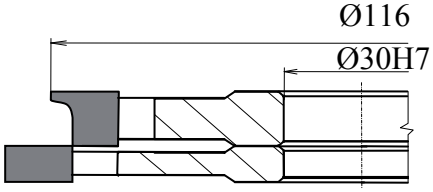
412G HS
413G HW

DVIERKOVÁ SÚPRAVA na pero a drážku
Door´s package on feather and groove
Türensatz fűr Feder und Nut
Coffret fraise pour ebenisterie

HS(HSS), HW(HM) rezné platničky, 4(2) zuby, strojový posuv
HS(HSS), HW(HM) tipped, 4(2) teeth, mechanical feed
HS(HSS), HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub
HS(HSS), HW(HM) raporté, 4(2) dents, avance mécanique

Súprava obsahuje : Tvarová fréza 116 x 15 x 30H7 -1ks
Drážkovacia fréza 140 x 8 x 30H7 -1ks
Medzikrúžok 50 x 8 x 30H7 -1ks



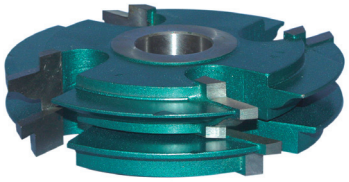


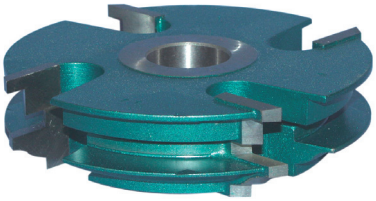
412E HS
413E HW

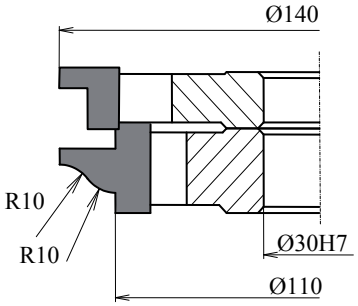
DVIERKOVÁ SÚPRAVA na pero a drážku
Door´s package on feather and groove
Türensatz fűr Feder und Nut
Coffret fraise pour ebenisterie

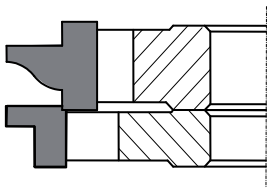
HS(HSS), HW(HM) rezné platničky, 4(2) zuby, strojový posuv
HS(HSS), HW(HM) tipped, 4(2) teeth, mechanical feed
HS(HSS), HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub
HS(HSS), HW(HM) raporté, 4(2) dents, avance mécanique

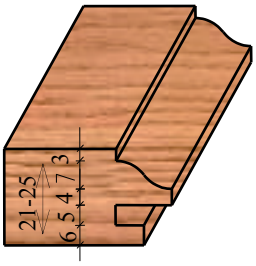
Súprava obsahuje : Tvarová fréza d-140 x 22 x 30H7 -1ks
Tvarová fréza d-140 x 15 x 30H7 -1ks











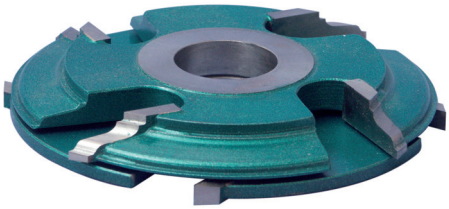
412F HS
413F HW

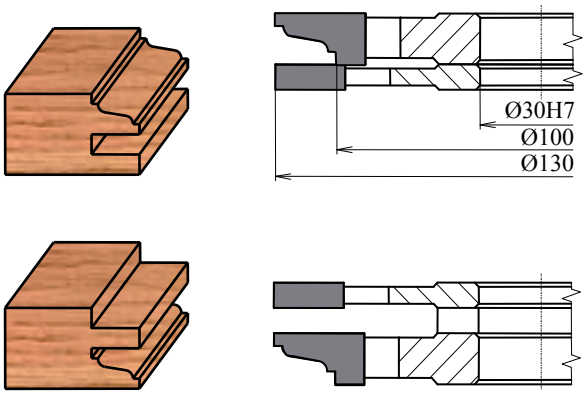
DVIERKOVÁ SÚPRAVA na pero a drážku
Door´s package on feather and groove
Türensatz fűr Feder und Nut
Coffret fraise pour ebenisterie

HS(HSS), HW(HM) rezné platničky, 4(2) zuby, strojový posuv
HS(HSS), HW(HM) tipped, 4(2) teeth, mechanical feed
HS(HSS), HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub
HS(HSS), HW(HM) raporté, 4(2) dents, avance mécanique

Súprava obsahuje :

Tvarová fréza	130 x 12 x 30H7	-1ks
Drážkovacia fréza	130 x 6 x 30H7	-1ks
Medzikrúžok	50 x 6 x 30H7	-1ks

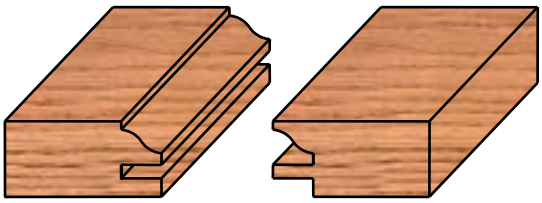


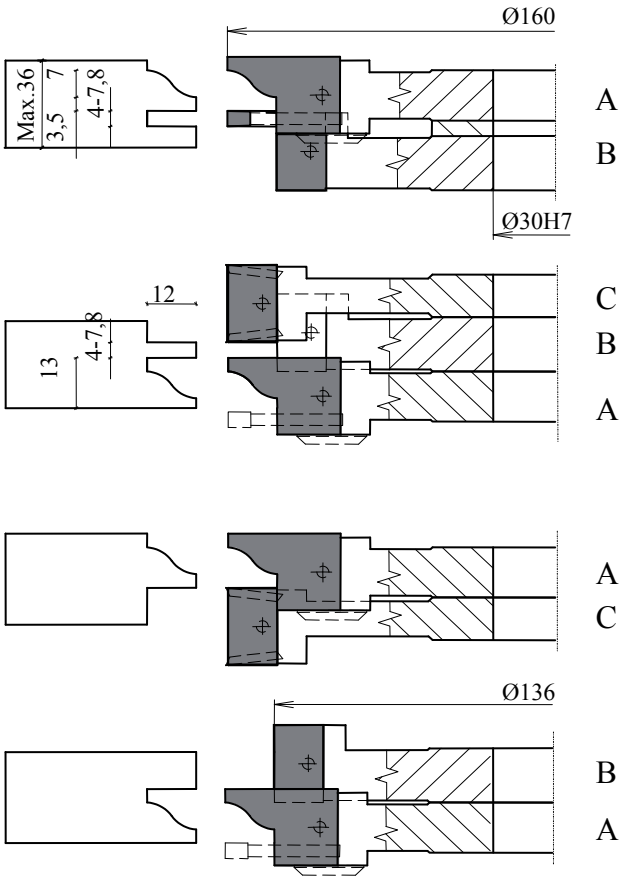


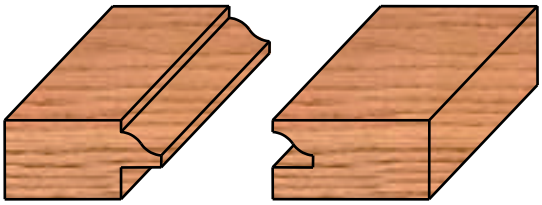
414 HW

DVIERKOVÁ SÚPRAVA ŽILETKOVÁ na pero a drážku
Door´s package on feather and groove
Türensatz fűr Feder und Nut
Coffret fraise pour ebenisterie

HW(HM) žiletky, 2 zuby, strojný posuv
HW(HM) knives , 2 teeth, mechanical feed
HW(HM) Wendeplatten , 2 Zähne, mechanischen Vorschub
HW(HM) Plaquettes, 2 dents, avance mécanique





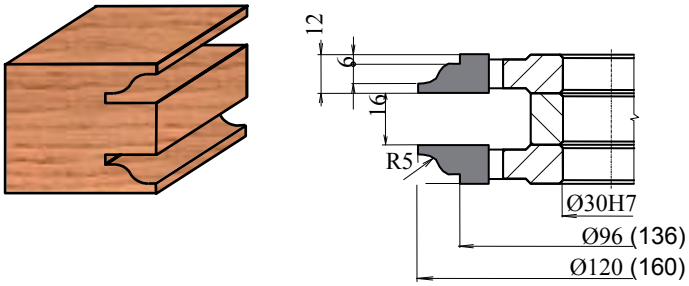


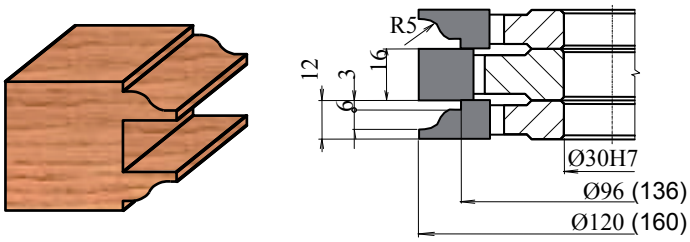
422A HS
423A HW

DVEROVÁ SÚPRAVA na drážku a pero
Door´s package for groove and feather
Türensatz fűr Nut und Feder
Coffret fraise pour ebenisterie

HS(HSS), HW(HM) rezné platničky, 4(2) zuby, strojový posuv
HS(HSS), HW(HM) tipped, 4(2) teeth, mechanical feed
HS(HSS), HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub
HS(HSS), HW(HM) raporté, 4(2) dents, avance mécanique

Súprava obsahuje : Tvarová fréza d-120(160) x 12 x 30H7 -1ksL
-1ksP
Drážkovacia fréza d-120(160) x 16 x 30H7 -1ks
Medzikrúžok d- 50 x 16 x 30H7 -1ks



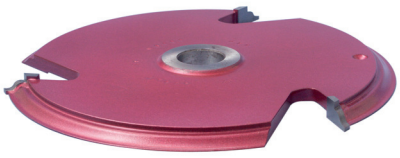


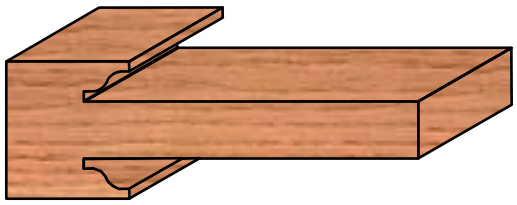
422A1 HS
423A1 HW

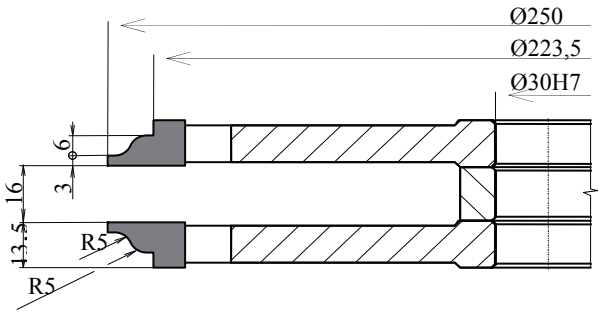
TVAROVÁ FRÉZA na predĺžené pero
Profile cutter for elongated feather
Formfräser für verlängerten Feder
Coffret pour ebenisterie

HS(HSS), HW(HM) rezné platničky, 6(3) zuby, strojový posuv
HS(HSS), HW(HM) tipped, 6(3) teeth, mechanical feed
HS(HSS), HW(HM) bestückt, 6(3) Zähne, mechanischen Vorschub
HS(HSS), HW(HM) raporté, 6(3) dents, avance mécanique

Súprava obsahuje: Tvarová fréza d-250x13,5x30H7 -1ksL
-1ksP
Medzikrúžok d-50x16x30H7 -1ks





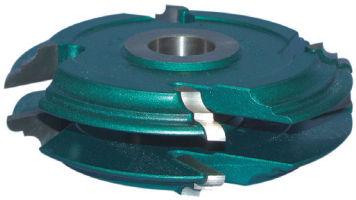


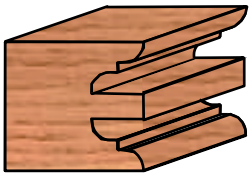
422B HS
423B HW

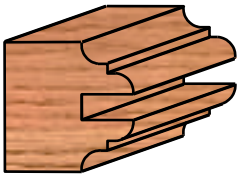
DVEROVÁ SÚPRAVA na drážku a pero
Door´s package for groove and feather
Türensatz fűr Nut und Feder
Coffret fraise pour ebenisterie

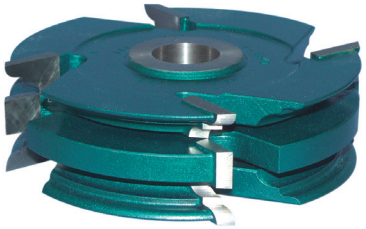
HS(HSS), HW(HM) rezné platničky, 4(2) zuby, strojový posuv
HS(HSS), HW(HM) tipped, 4(2) teeth, mechanical feed
HS(HSS), HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub
HS(HSS), HW(HM) raporté, 4(2) dents, avance mécanique

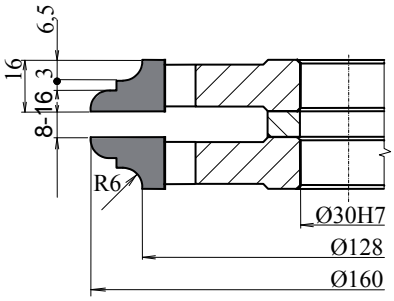
Súprava obsahuje : Tvarová fréza d-160 x 16 x 30H7 -1ksL
-1ksP
Drážkovacia fréza d-160 x 8 (16) x 30H7 -1ks
Medzikrúžok d- 50 x 8 (16) x 30H7 -1ks

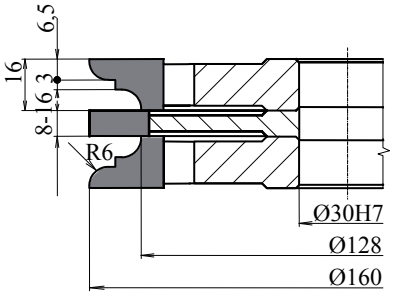










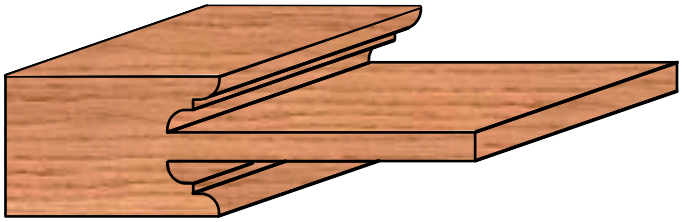


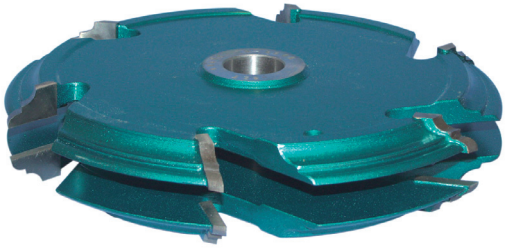
422B1 HS
423B1 HW

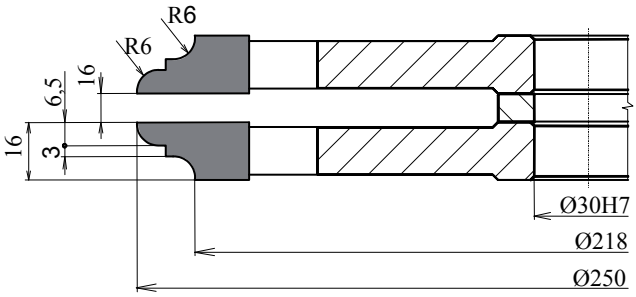
TVAROVÁ FRÉZA na predĺžené pero
Profile cutter for elongated feather
Formfräser für verlängerten Feder
Coffret pour ebenisterie

HS(HSS), HW(HM) rezné platničky, 6(3) zuby, strojový posuv
HS(HSS), HW(HM) tipped, 6(3) teeth, mechanical feed
HS(HSS), HW(HM) bestückt, 6(3) Zähne, mechanischen Vorschub
HS(HSS), HW(HM) raporté, 6(3) dents, avance mécanique

Súprava obsahuje: Tvarová fréza d-250x16x30H7 -1ksL
-1ksP
Medzikrúžok d-50x16x30H7 -1ks





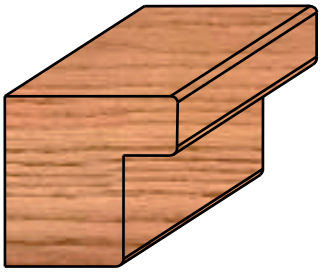


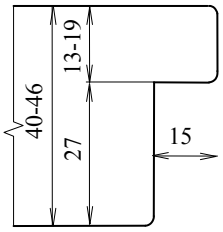
434 HW

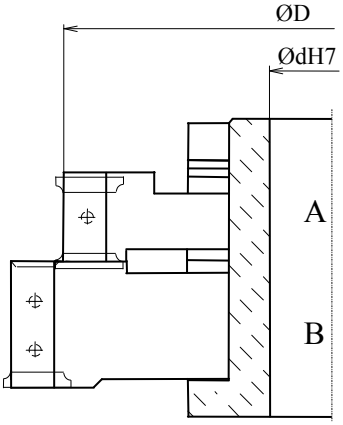
SADA FRÉZ NA VONKAJŠÍ PROFIL DVERÍ - žiletková
Cutter set for doors – wing outer
Fräsersatz für Türen - Aussenflügel

HW(HM) žiletky, 2 zuby, strojný posuv
HW(HM) knives , 2 teeth, mechanical feed
HW(HM) Wendeplatten , 2 Zähne, mechanischen Vorschub
HW(HM) Plaquettes, 2 dents, avance mécanique

D	s	dH7	Kod
140	40-46	30/40/50	16000

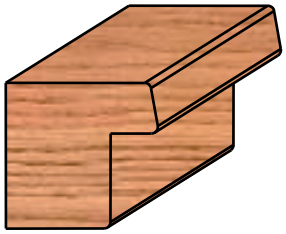




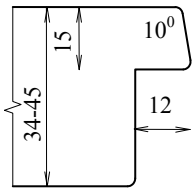


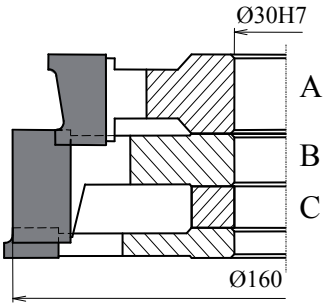
432A HS
432A HW

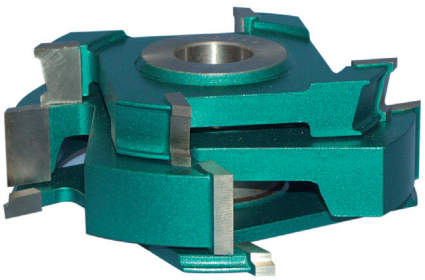
DVEROVÁ SÚPRAVA NA POZDĹŽNY VLYS - FALCOVANIE



Súprava obsahuje : **A,** Tvarová fréza d-140 x 24 x 30H7 -1ks
B, Drážkovacia fréza d-160 x 30 x 30H7 -1ks
C, Drážkovacia fréza d-165 x 8 x 30H7 -1ks







Pozdĺžny vlys - falcovanie

424 HW DVEROVÁ SÚPRAVA NA DRÁŽKU A PERO S PRIZNANÝM SPOJOM ŽILETKOVÁ

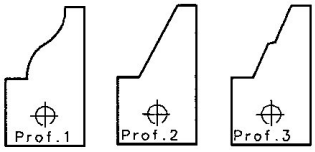
Door´s package for groove and feather
Türensatz fűr Nut und Feder
Coffret fraise pour ebenisterie

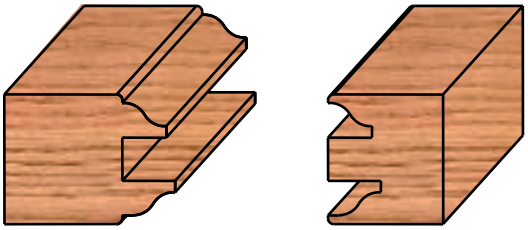
HW(HM) žiletky, 2(3) zuby, ručný posuv
HW(HM) knives , 2(3) teeth, manual feed
HW(HM) Wendeplatten , 2(3) Zähne, Hand Vorschub
HW(HM) Plaquettes, 2(3) dents, avance manuelle

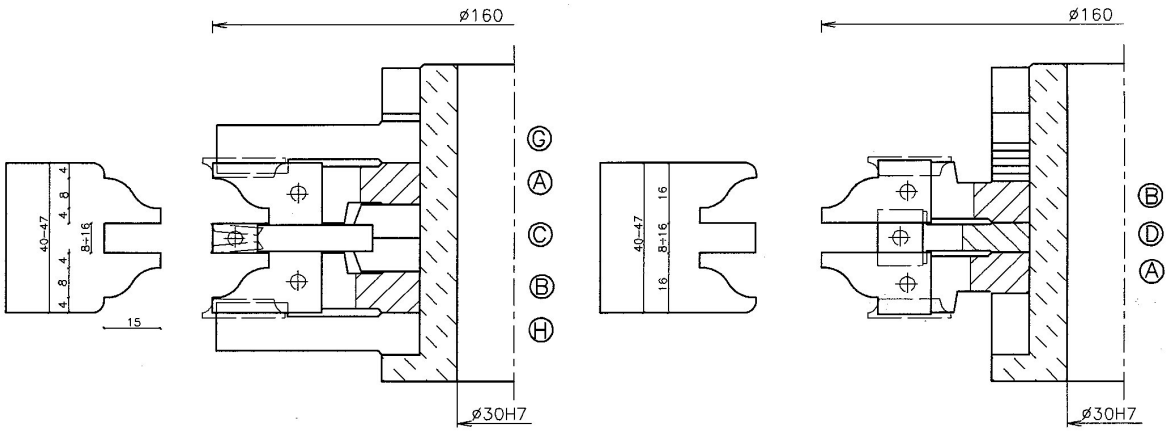
Súprava obsahuje :

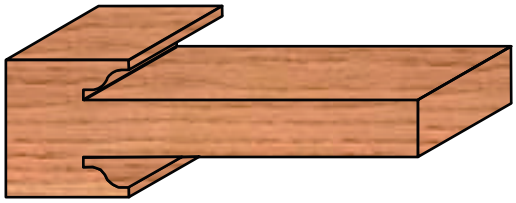
A,	Tvarová fréza	d-160 x 16 x 30H7	-1ks
B,	Tvarová fréza	d-160 x 16 x 30H7	-1ks
C,	Drážkovacia fréza	d-160 x 8-16x 30H7	-1ks
D,	Drážkovacia fréza	d-128 x 16 x 30H7	-1ks
E,	Tvarová fréza	d-160 x 16 x 30H7	-1ks
F,	Drážkovacia fréza	d-130 x 16 x 30H7	-1ks
G,	Zaobľovacia fréza	d-160 x R3 x 30H7	-1ks
H,	Zaobľovacia fréza	d-160 x R3 x 30H7	-1ks
I,	Tvarová fréza	d-310 x 16 x 30H7	-1ks
J,	Tvarová fréza	d-310 x 16 x 30H7	-1ks
K,	Drážkovacia fréza	d-280 x 16 x 30H7	-1ks

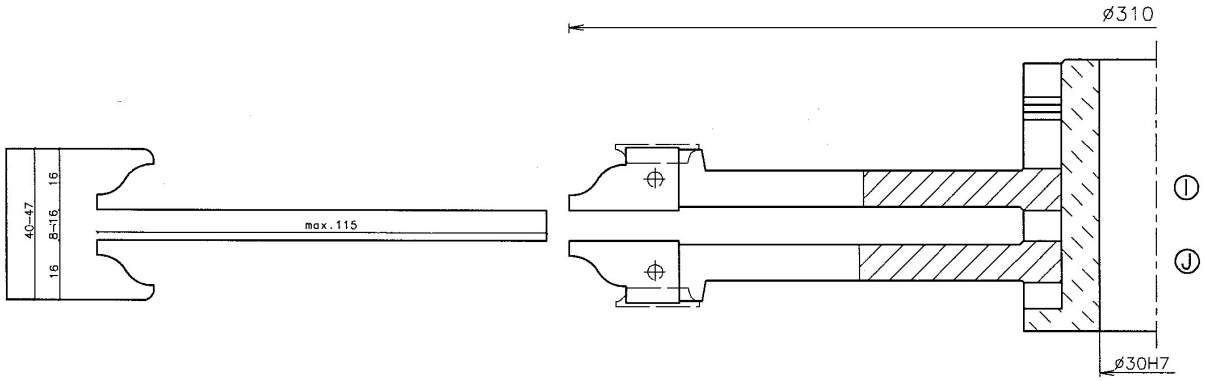
Tvary profilov :



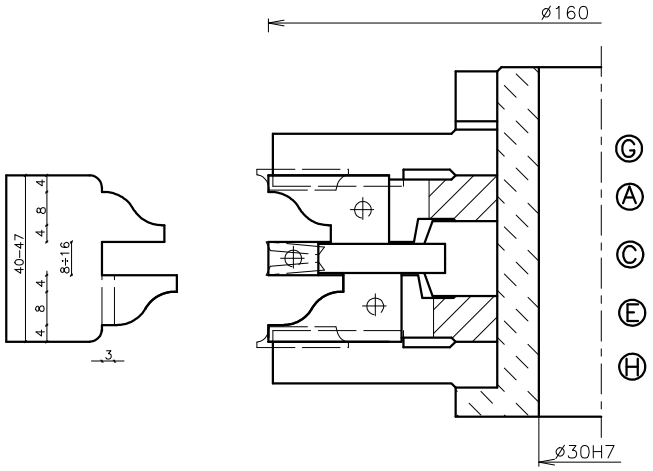


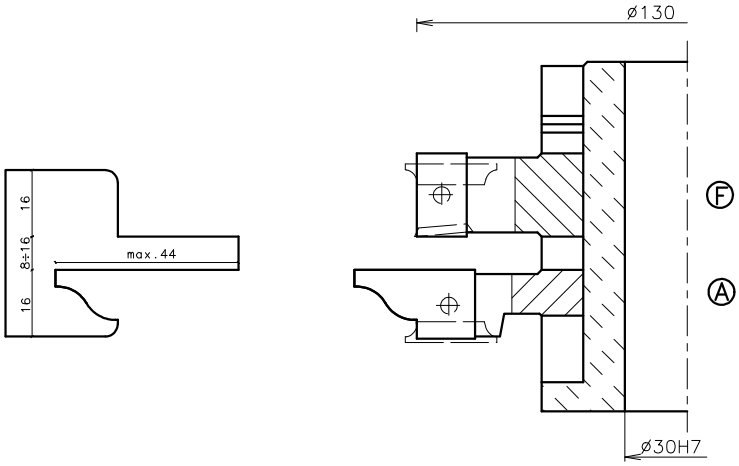




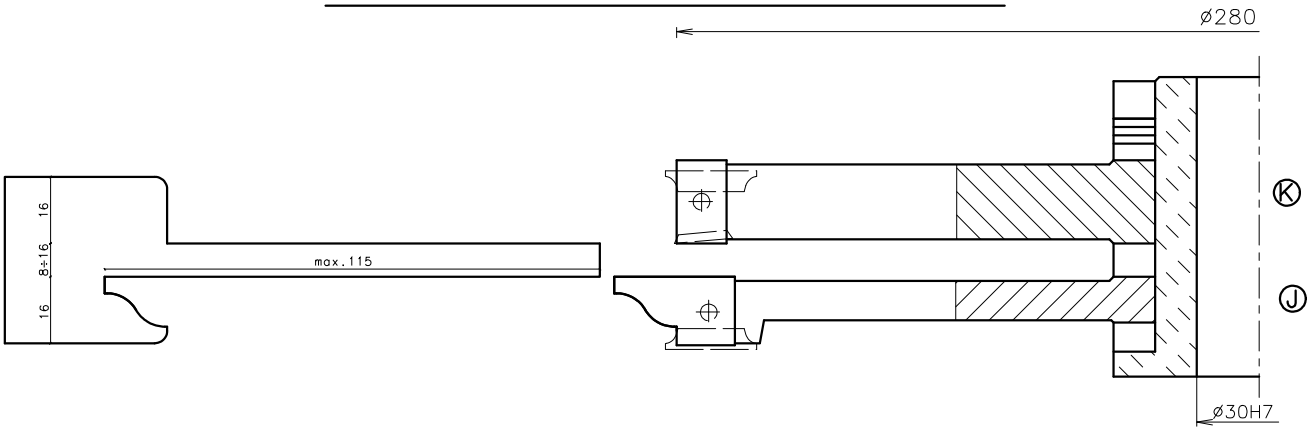


LIŠTOVÁ VÝPLŇ





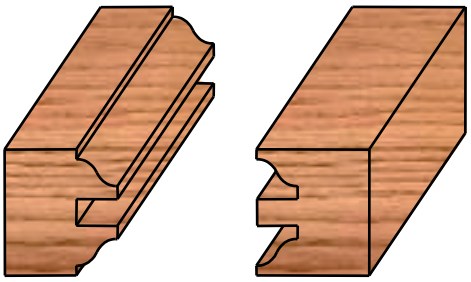
NA PREDĹŽENÉ PERO–LIŠTOVÁ VÝPLŇ

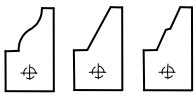


424A HW DVEROVÁ SÚPRAVA NA DRÁŽKU A PERO ŽILETKOVÁ KOMFORT

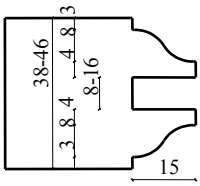
Door´s package for groove and feather
Türensatz fűr Nut und Feder
Coffret fraise pour ebenisterie

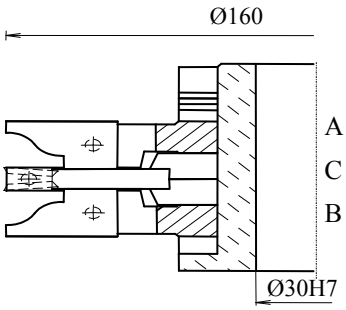
HW(HM) žiletky, 2 zuby, strojný posuv
HW(HM) knives , 2 teeth, mechanical feed
HW(HM) Wendeplatten , 2 Zähne, mechanischen Vorschub
HW(HM) Plaquettes, 2 dents, avance mécanique

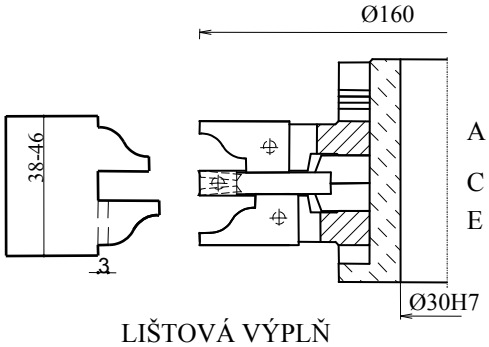




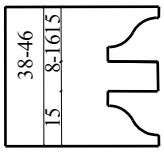
Profil 1 2 3

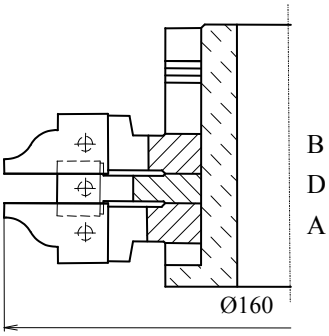


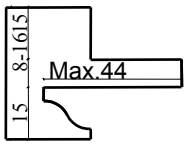


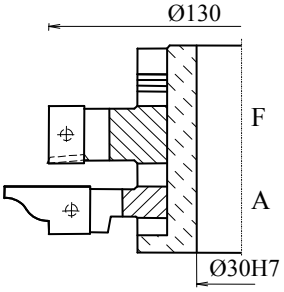


LIŠTOVÁ VÝPLŇ





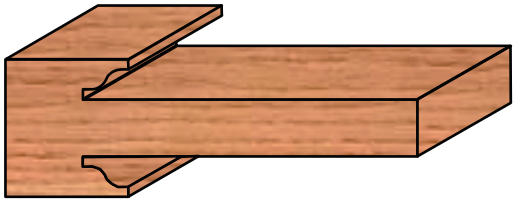


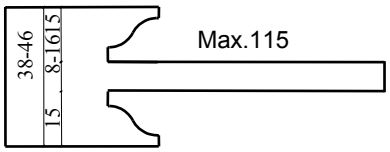


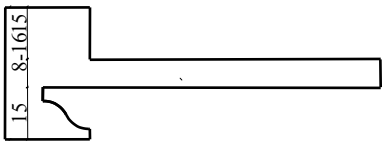
422A1 HS 423A1 HW TVAROVÁ FRÉZA NA PREDĹŽENÉ PERO ŽILETKOVÁ KOMFORT

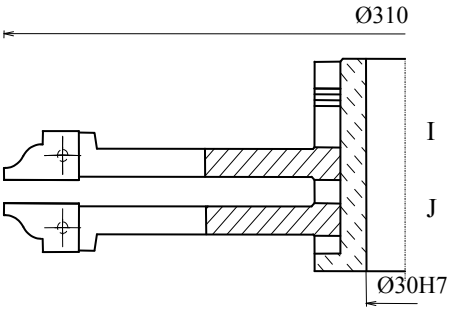
Profile cutter for elongated feather
Formfräser für verlängerten Feder
Coffret pour ebenisterie

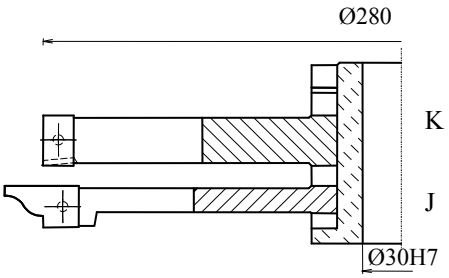
HW(HM) žiletky, 4 zuby, strojný posuv
HW(HM) knives , 4 teeth, mechanical feed
HW(HM) Wendeplatten , 4 Zähne, mechanischen Vorschub
HW(HM) Plaquettes, 4 dents, avance mécanique







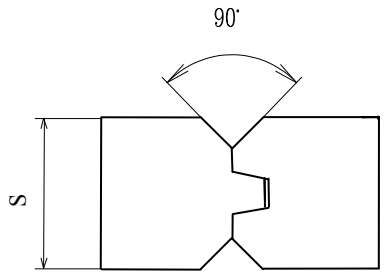




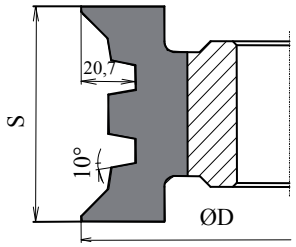
692 HS

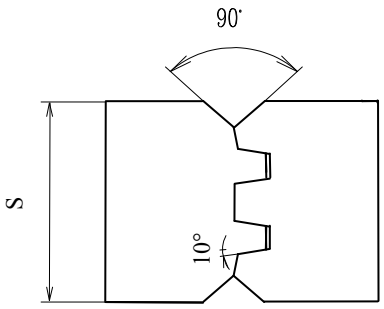
Nastaviteľná súprava na zrubový profil
Cutter for cabing profile
Block Profil
Fraises extensible profil chalet

HS(HSS) rezné platničky, 4-6 zubov, strojový posuv
HS(HSS) tipped, 4-6 teeths, mechanical feed
HS(HSS) bestückt, 4-6 Zähne, mechanischen Vorschub
HS(HSS) raporté, 4-6 dents, avance mécanique

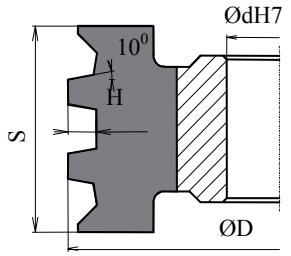


TYP A

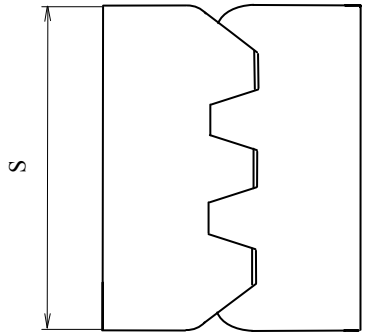




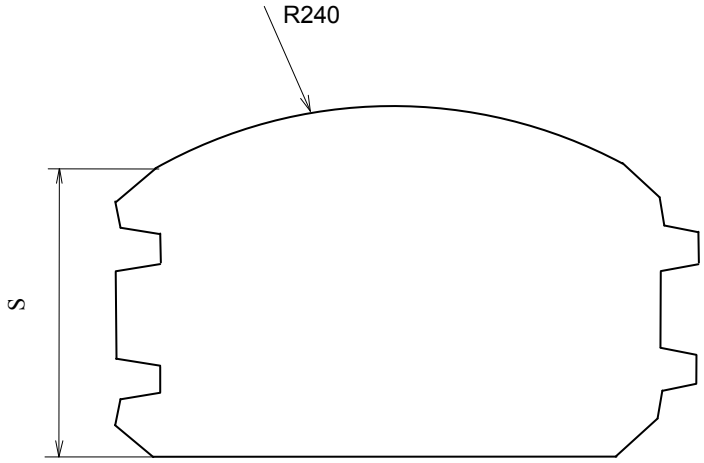
TYP B



Typ	D	s	dH7	z	Kod
A	180	30	30/40/50	6	18030
	180	44	30/40/50	6	18044
B	180	44-62	30/40/50	6	18062
	160	48	30/40/50	6	16048
	180	64	30/40/50	6	18064
	180	68	30/40/50	6	18068
	160	80	30/40/50	6	16080
	180	88	30/40/50	6	18088
	180	92	30/40/50	6	18092
C	180	100	30/40/50	6	180100
	180	120	30/40/50	6	180120
D	180	75	30/40/50	6	18075



TYP C

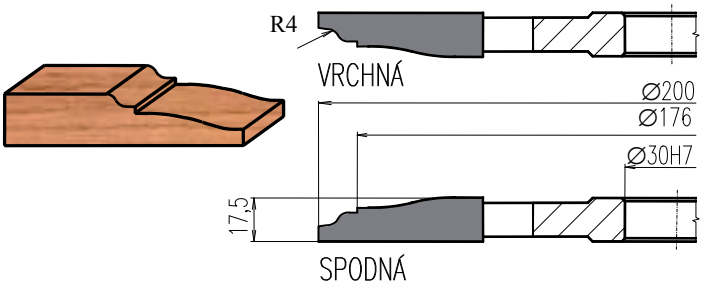


TYP D

5022 HS
5032 HW

FILUNGOVÁ FRÉZA
Filung cutter
Abplattfräser
Fraise plate – bande

HS(HSS), HW(HM) rezné platničky, 4(2) zuby, strojový posuv, k profilovaniu dverových výplní
HS(HSS), HW(HM) tipped, 4(2) teeth, mechanical feed, for profiling raised panel profiles
HS(HSS), HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub, Zum Profilieren von Turenfulungen
HS(HSS), HW(HM) raporté, 4(2) dents, avance mécanique

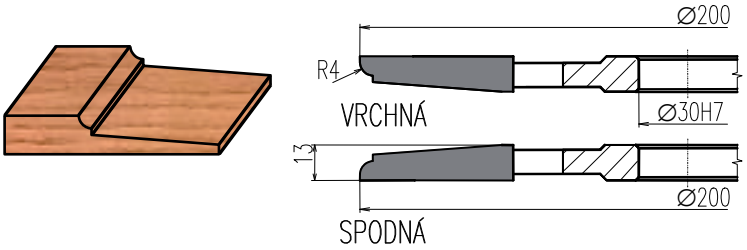


MEC

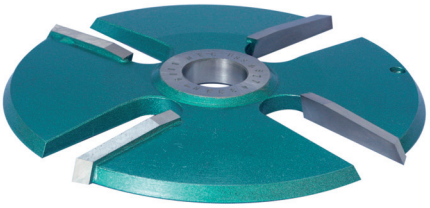
5023 HS
5033 HW

FILUNGOVÁ FRÉZA
Filung cutter
Abplattfräser
Fraise plate - bande

HS(HSS), HW(HM) rezné platničky, 4(2) zuby, strojový posuv, k profilovaniu dverových výplní
HS(HSS), HW(HM) tipped, 4(2) teeth, mechanical feed, for profiling raised panel profiles
HS(HSS), HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub, Zum Profilieren von Turenfulungen
HS(HSS), HW(HM) raporté, 4(2) dents, avance mécanique



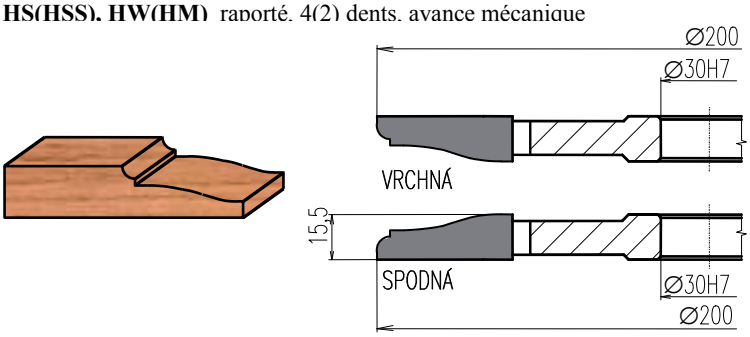
MEC



5024 HS
5034 HW

FILUNGOVÁ FRÉZA
Filung cutter
Abplattfräser
Fraise plate - bande

HS(HSS), HW(HM) rezné platničky, 4(2) zuby, strojový posuv, k profilovaniu dverových výplní
HS(HSS), HW(HM) tipped, 4(2) teeth, mechanical feed, for profiling raised panel profiles
HS(HSS), HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub, Zum Profilieren von Turenfulungen
HS(HSS), HW(HM) raporté, 4(2) dents, avance mécanique

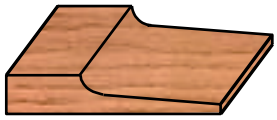


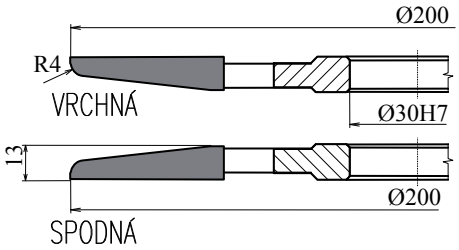
MEC

5025 HS
5035 HW

FILUNGOVÁ FRÉZA
Filung cutter
Abplattfräser
Fraise plate - bande

HS(HSS), HW(HM) rezné platničky, 4(2) zuby, strojový posuv, k profilovaniu dverových výplní
HS(HSS), HW(HM) tipped, 4(2) teeth, mechanical feed, for profiling raised panel profiles
HS(HSS), HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub, Zum Profilieren von Turenfulungen
HS(HSS), HW(HM) raporté, 4(2) dents, avance mécanique





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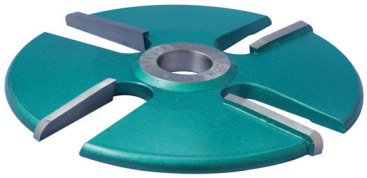
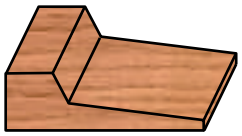
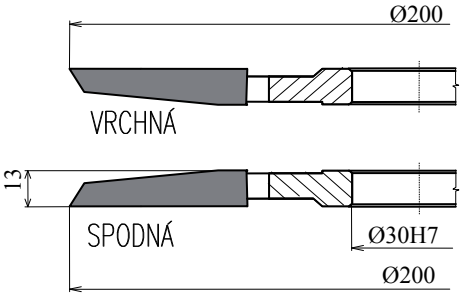


5026 HS
5036 HW

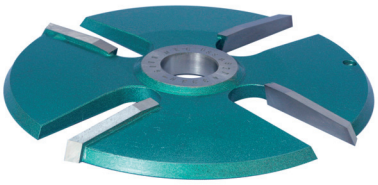
FILUNGOVÁ FRÉZA
Filung cutter
Abplattfräser
Fraise plate - bande

HS(HSS), HW(HM) rezné platničky, 4(2) zuby, strojový posuv, k profilovaniu dverových výplní
HS(HSS), HW(HM) tipped, 4(2) teeth, mechanical feed, for profiling raised panel profiles
HS(HSS), HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub, Zum Profilieren von Turenfulungen
HS(HSS), HW(HM) raporté, 4(2) dents, avance mécanique





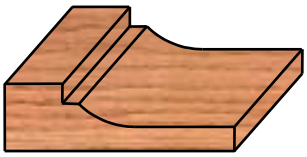
MEC

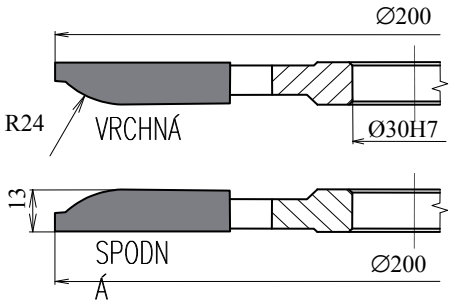


5027 HS
5037 HW

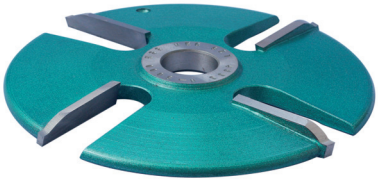
FILUNGOVÁ FRÉZA
Filung cutter
Abplattfräser
Fraise plate - bande

HS(HSS), HW(HM) rezné platničky, 4(2) zuby, strojový posuv, k profilovaniu dverových výplní
HS(HSS), HW(HM) tipped, 4(2) teeth, mechanical feed, for profiling raised panel profiles
HS(HSS), HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub, Zum Profilieren von Turenfulungen
HS(HSS), HW(HM) raporté, 4(2) dents, avance mécanique





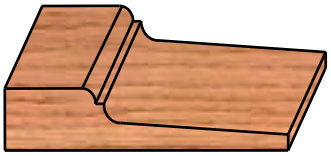
MEC

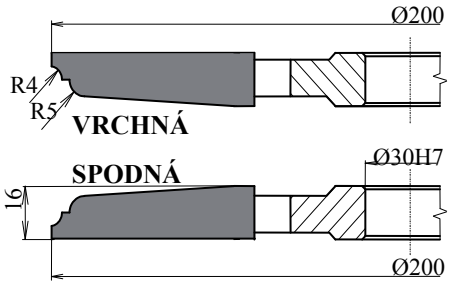


5028 HS
5038 HW

FILUNGOVÁ FRÉZA
Filung cutter
Abplattfräser
Fraise plate - bande

HS(HSS) , HW(HM) rezné platničky, 4(2) zuby, strojový posuv, k profilovaniu dverových výplní
HS(HSS) , HW(HM) tipped, 4(2) teeth, mechanical feed, for profiling raised panel profiles
HS(HSS) , HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub, Zum Profilieren von Turenfulungen
HS(HSS) , HW(HM) raporté, 4(2) dents, avance mécanique



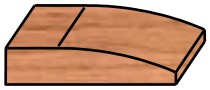


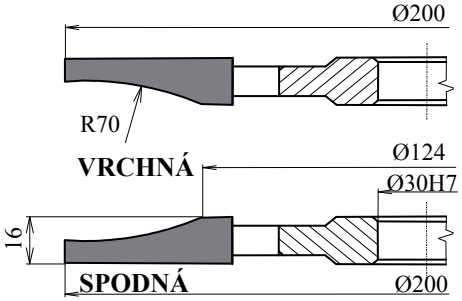
MEC

50210 HS
50310 HW

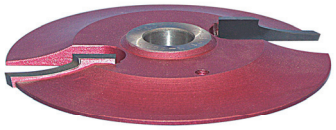
FILUNGOVÁ FRÉZA
Filung cutter
Abplattfräser
Fraise plate - bande

HS(HSS) , HW(HM) rezné platničky, 4(2) zuby, strojový posuv, k profilovaniu dverových výplní
HS(HSS) , HW(HM) tipped, 4(2) teeth, mechanical feed, for profiling raised panel profiles
HS(HSS) , HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub, Zum Profilieren von Turenfulungen
HS(HSS) , HW(HM) raporté, 4(2) dents, avance mécanique





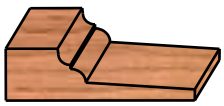
MEC

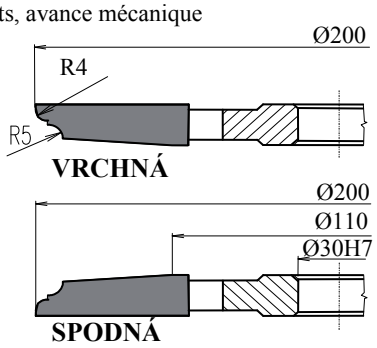


50211 HS
50311HW

FILUNGOVÁ FRÉZA
Filung cutter
Abplattfräser
Fraise plate - bande

HS(HSS) , HW(HM) rezné platničky, 4(2) zuby, strojový posuv, k profilovaniu dverových výplní
HS(HSS) , HW(HM) tipped, 4(2) teeth, mechanical feed, for profiling raised panel profiles
HS(HSS) , HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub, Zum Profilieren von Turenfulungen
HS(HSS) , HW(HM) raporté, 4(2) dents, avance mécanique





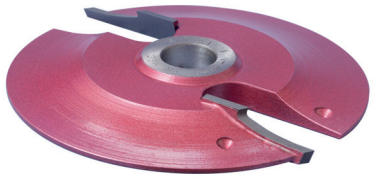
MEC

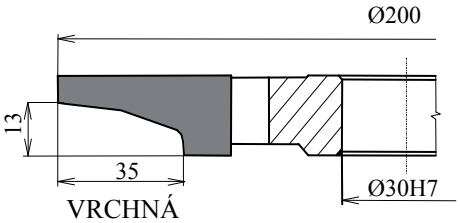
50212 HS
50312 HW

FILUNGOVÁ FRÉZA
Filung cutter
Abplattfräser
Fraise plate - bande

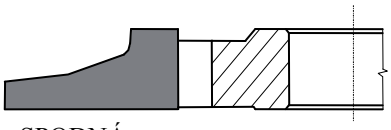
HS(HSS) , HW(HM) rezné platničky, 4(2) zuby, strojový posuv, k profilovaniu dverových výplní
HS(HSS) , HW(HM) tipped, 4(2) teeth, mechanical feed, for profiling raised panel profiles
HS(HSS) , HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub, Zum Profilieren von Turenfulungen
HS(HSS) , HW(HM) raporté, 4(2) dents, avance mécanique

MEC





VRCHNÁ



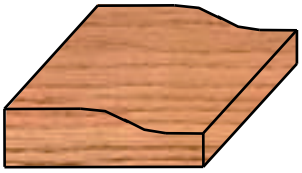
SPODNÁ

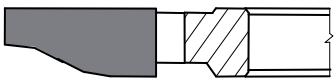
50213 HS
50313 HW

FILUNGOVÁ FRÉZA
Filung cutter
Abplattfräser
Fraise plate - bande

HS(HSS) , HW(HM) rezné platničky, 4(2) zuby, strojový posuv, k profilovaniu dverových výplní
HS(HSS) , HW(HM) tipped, 4(2) teeth, mechanical feed, for profiling raised panel profiles
HS(HSS) , HW(HM) bestückt, 4(2) Zähne, mechanischen Vorschub, Zum Profilieren von Turenfulungen
HS(HSS) , HW(HM) raporté, 4(2) dents, avance mécanique

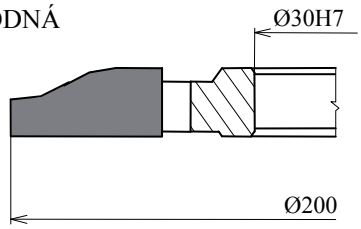
MEC





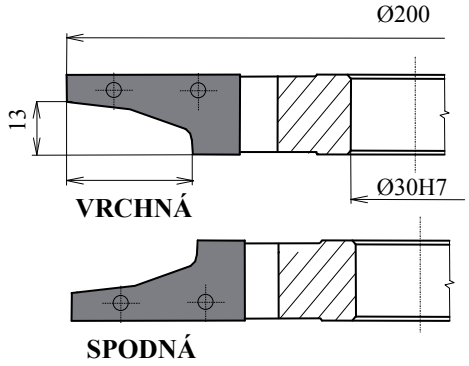
VRCHNÁ

SPODNÁ



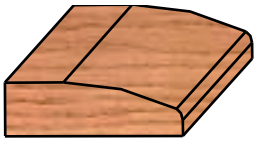
504A HW

FILUNGOVÁ FRÉZA ŽILETKOVÁ
Filung cutter with throwaway knives
WP - Abplattfräser
Fraise plate – bande



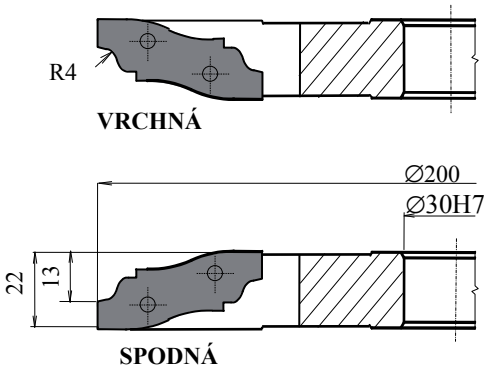
HW(HM) rezné platničky, 2 zuby, ručný posuv, k profilovaniu dverových výplní
HW(HM) tipped, 2 teeth, manual feed, for profiling raised panel profiles
HW(HM) bestückt, 2 Zähne, hand Vorschub, Zum Profilieren von Turenfulungen
HW(HM) raporté, 2 dents, avance manuelle

Typ 12



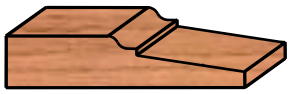
504B HW

FILUNGOVÁ FRÉZA ŽILETKOVÁ
Filung cutter with throwaway knives
WP - Abplattfräser
Fraise plate – bande

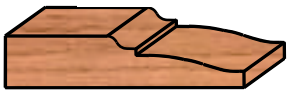


HW(HM) rezné platničky, 2 zuby, ručný posuv, k profilovaniu dverových výplní
HW(HM) tipped, 2 teeth, manual feed, for profiling raised panel profiles
HW(HM) bestückt, 2 Zähne, hand Vorschub, Zum Profilieren von Turenfulungen
HW(HM) raporté, 2 dents, avance manuelle

Typ 1



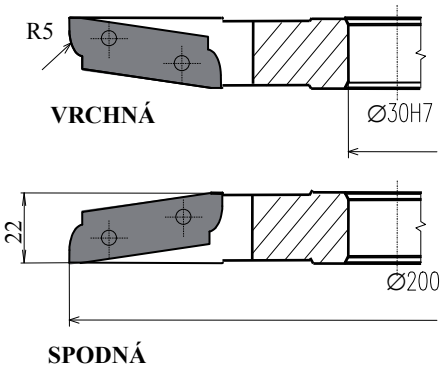
Typ 2



Typ 5

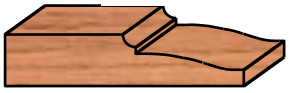
504C HW

FILUNGOVÁ FRÉZA ŽILETKOVÁ
Filung cutter with throwaway knives
WP - Abplattfräser
Fraise plate - bande

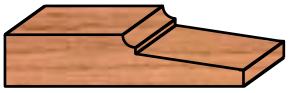


HW(HM) rezné platničky, 2 zuby, ručný posuv, k profilovaniu dverových výplní
HW(HM) tipped, 2 teeth, manual feed, for profiling raised panel profiles
HW(HM) bestückt, 2 Zähne, hand Vorschub, Zum Profilieren von Turenfulungen
HW(HM) raporté, 2 dents, avance manuelle

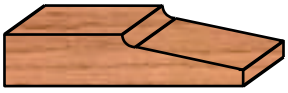
Typ 4



Typ 3



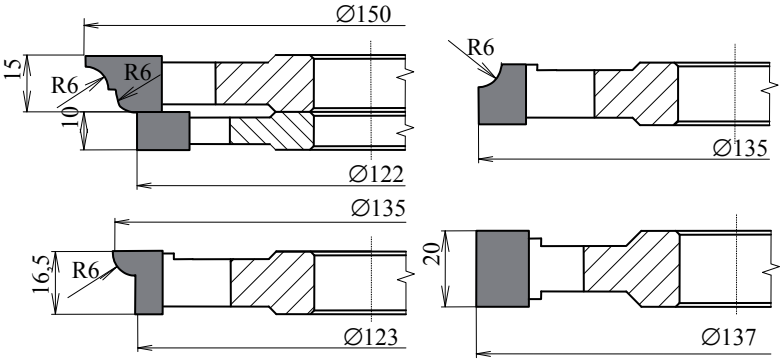
Typ 7

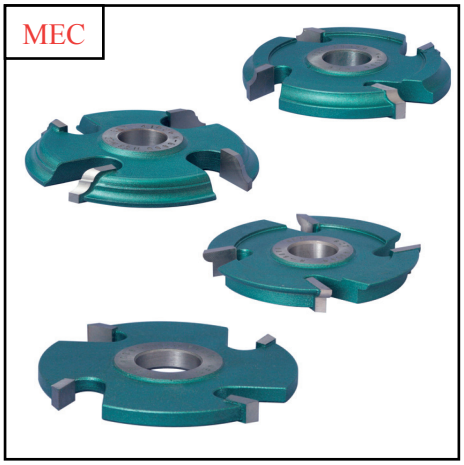


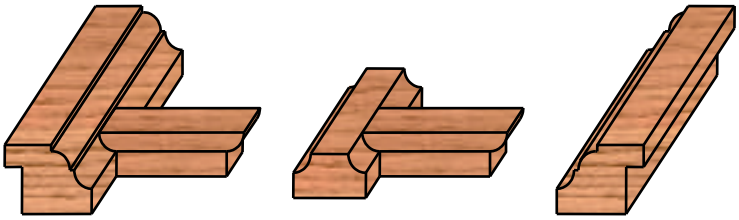
612 HS
613 HW

TVAROVÉ FRÉZY NA MRIEŽKY
Countreprofile cutterset
Kranzkonterprofilfräser
Coffret pour profil et contre profil de porte

HS(HSS),HW(HM) rezné platničky, 4 zuby, strojový posuv
HS(HSS),HW(HM) tipped, 4 teeth, mechanical feed
HS(HSS),HW(HM) bestückt, 4 Zähne, mechanischen Vorschub
HS(HSS),HW(HM) raporté, 4 dents, avance mécanique







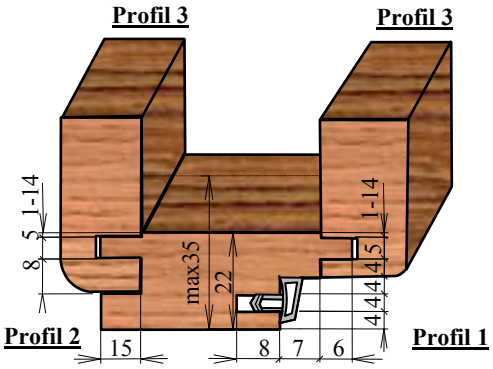
Súprava obsahuje :

Tvarová fréza	150 x 15 x 30H7
Drážkovacia fréza	122 x 10 x 30H7
Drážkovacia fréza	137 x 20 x 30H7
Zaobľovacia vydutá	135 x R6 x 30H7
Zaobľovacia vypuklá	135 x R6 x 30H7

622 HS
623 HW

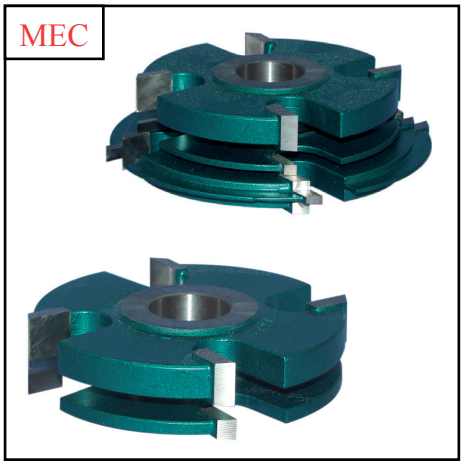
FRÉZY NA ZÁRUBNE DVERÍ
Countreprofile cutterset
Kranzkonterprofilfräser
Fraises pour cadre de porte

HS(HSS),HW(HM) rezné platničky, 4 zuby, strojový posuv
HS(HSS),HW(HM) tipped, 4 teeth, mechanical feed
HS(HSS),HW(HM) bestückt, 4 Zähne, mechanischen Vorschub
HS(HSS),HW(HM) raporté, 4 dents, avance mécanique

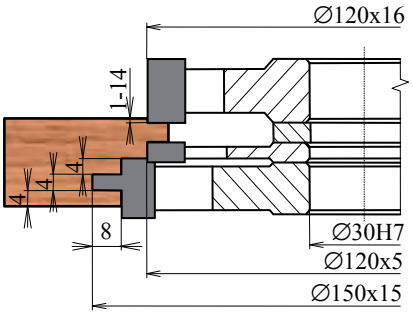


Súprava obsahuje :

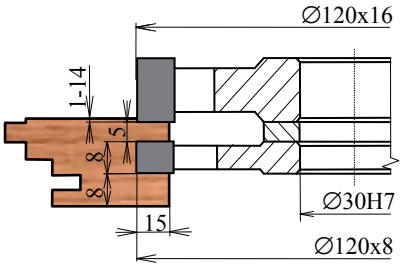
Tvarová fréza	150 x 15 x 30H7
Drážkovacia fréza	120 x 16 x 30H7
Drážkovacia fréza	120 x 5 x 30H7
Drážkovacia fréza	120 x 8 x 30H7



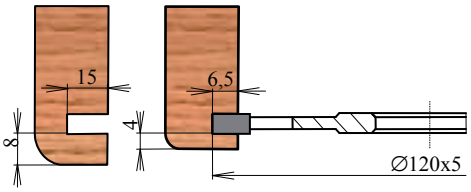
Profil 1



Profil 2



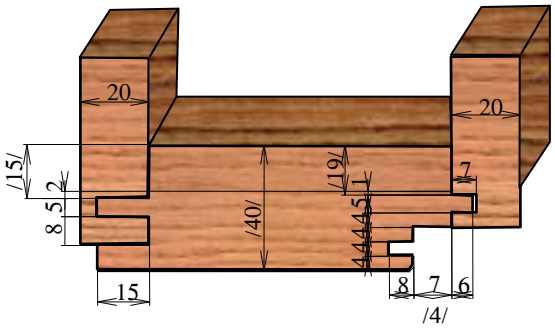
Profil 3



624 HW

FRÉZY NA ZÁRUBNE DVERÍ - ŽILETKOVÉ
Countreprofile cutterset - knives
Kranzkonterprofilfräser – Wendeplatten
Porte – outils pour cadre de porte

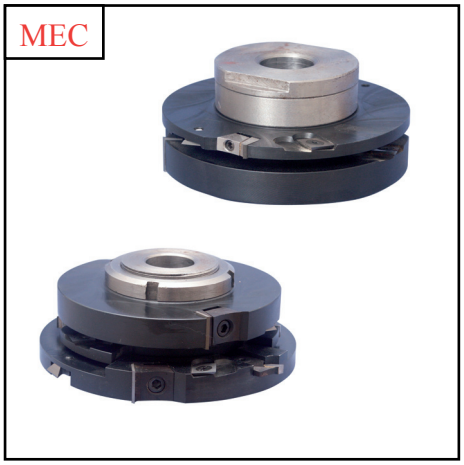
HW(HM) žiletky, 4(2) zuby, strojný posuv
HW(HM) knives , 4(2) teeth, mechanical feed
HW(HM) Wendeplatten , 4(2) Zähne, mechanischen Vorschub
HW(HM) Plaquettes, 4(2) dents, avance mécanique

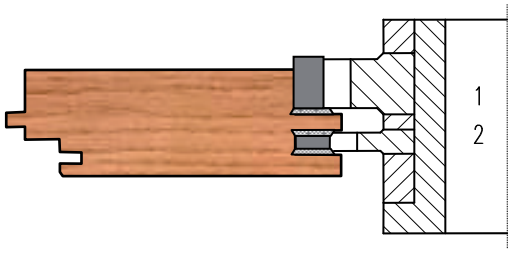


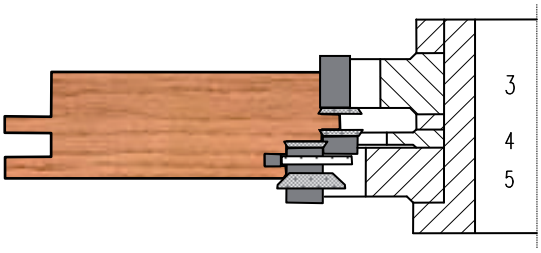
Súprava obsahuje :

1,Drážkovacia fréza 140 x 20 x 30H7
2,Drážkovacia fréza 140 x 8 x 30H7
3,Drážkovacia fréza 140 x 20 x 30H7
4,Drážkovacia fréza 140 x7,75x30H7
5,Tvarová fréza 176 x 20 x 30H7

MEC





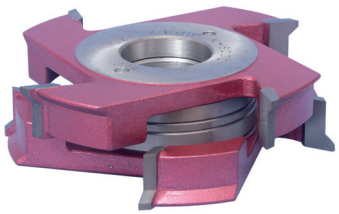


182 HS
183 HW

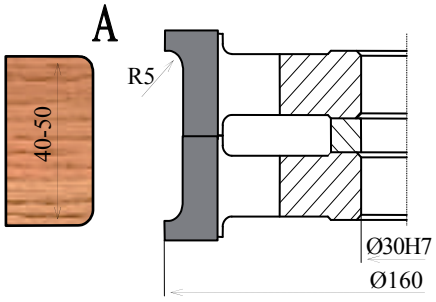
Nastaviteľná fréza na zrážanie hrán
Adjustable cutters
Verstellnuter
Fraise couvre - joints

HS(HSS),HW(HM) rezné platničky, 4-6 zubov, pre ručný a strojový posuv
HS(HSS),HW(HM) tipped, 4-6 teeth, for mech. and manual feed
HS(HSS),HW(HM) bestückt, 4-6 Zähne, Hand- und mechanischen Vorschub
HS(HSS),HW(HM) raporté, 4-6 dents, pour avance manuelle ou mécanique

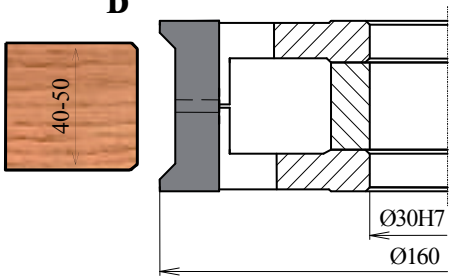
MEC



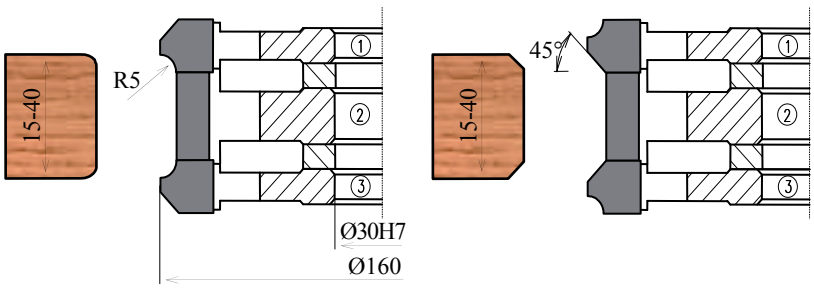
A



B



C

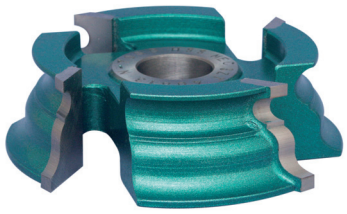


Možnosť objednať aj iné tvary a rozmery.

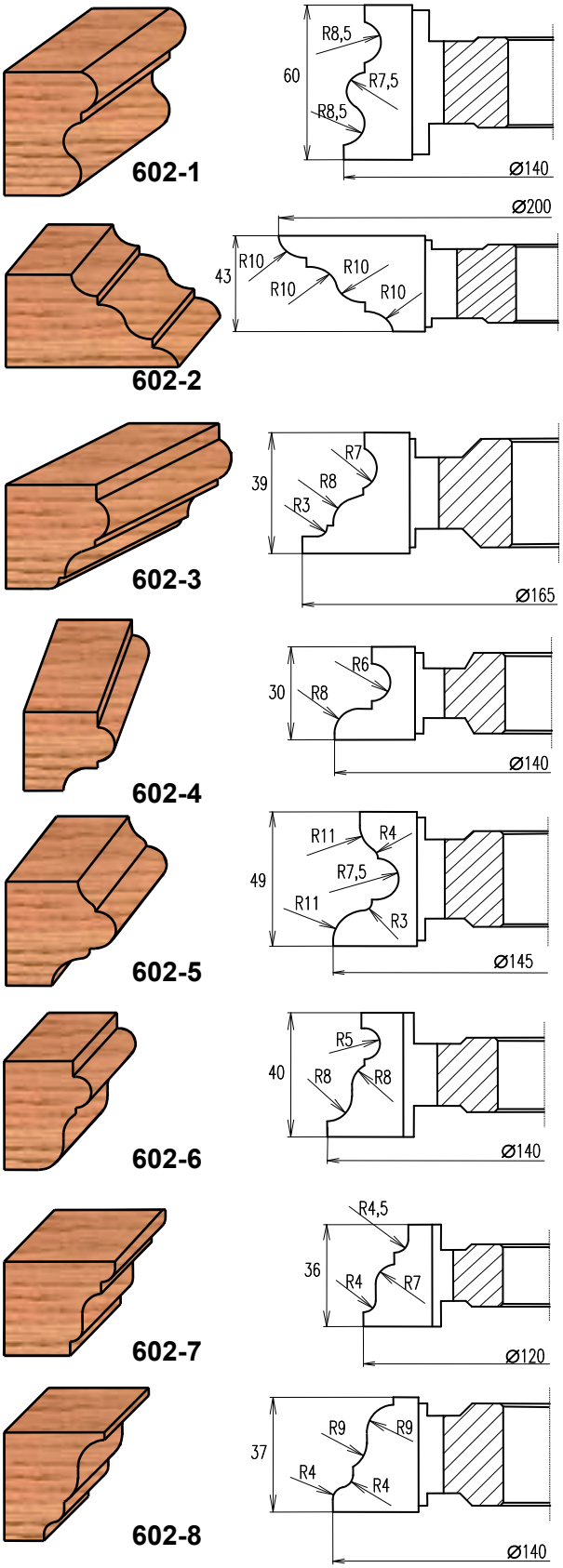
602 HS
603 HW

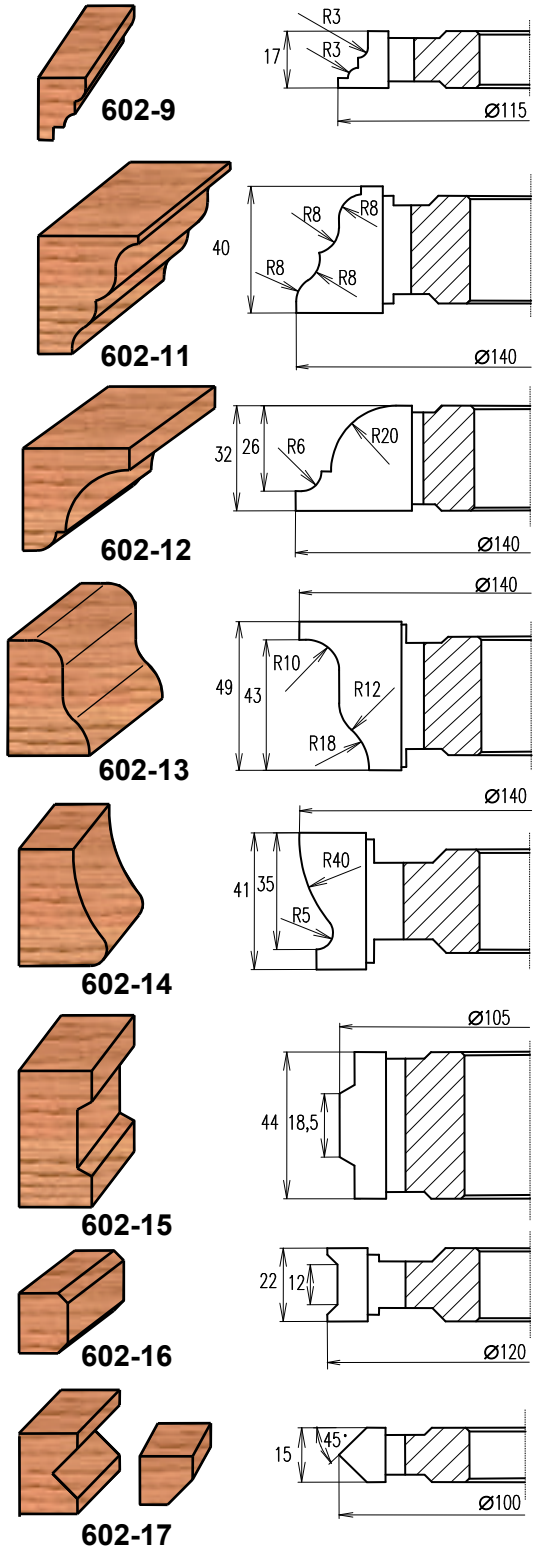
TVAROVÉ FRÉZY
Profile cutters
Profilfräser
Fraise a profils universels

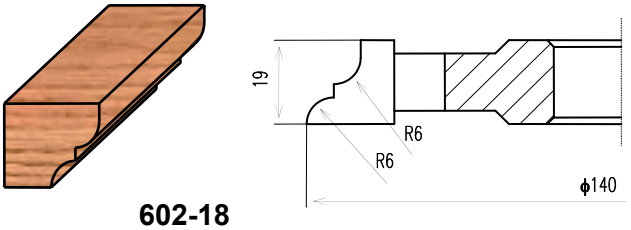
MEC



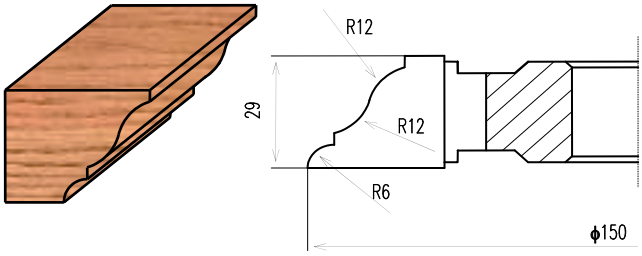
HS (HSS) ,HW(HM) rezné platničky, 2-4 zubov, strojový posuv
HS (HSS) ,HW(HM) tipped, 2-4 teeth, mechanical feed
HS (HSS) ,HW(HM) bestückt, 2-4 Zähne, mechanischen Vorschub
HS (HSS) ,HW(HM) raporté, 2-4 dents, avance mécanique



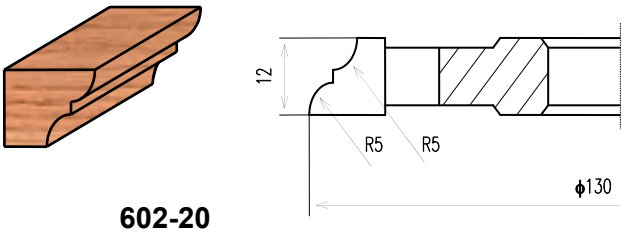




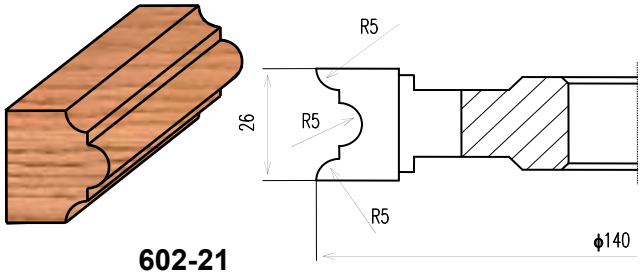
602-18



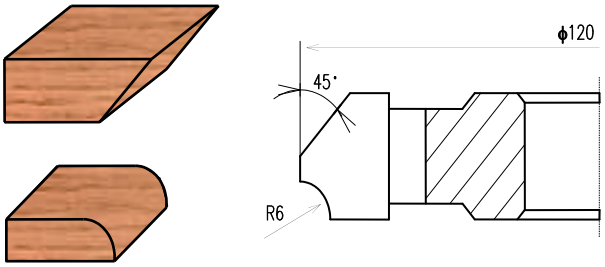
602-19



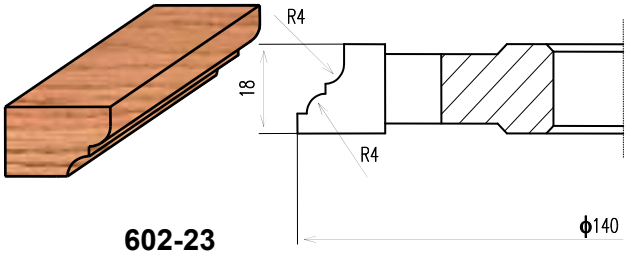
602-20



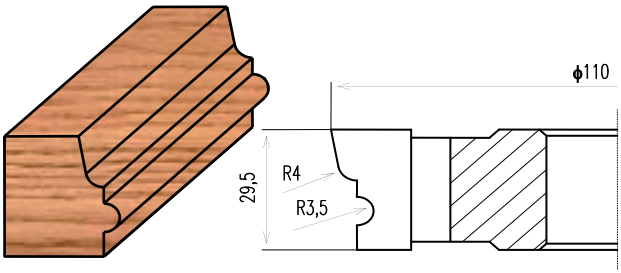
602-21



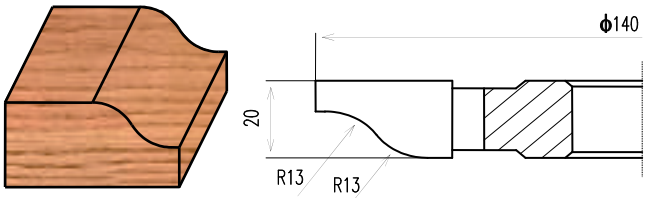
602-22



602-23



602-24

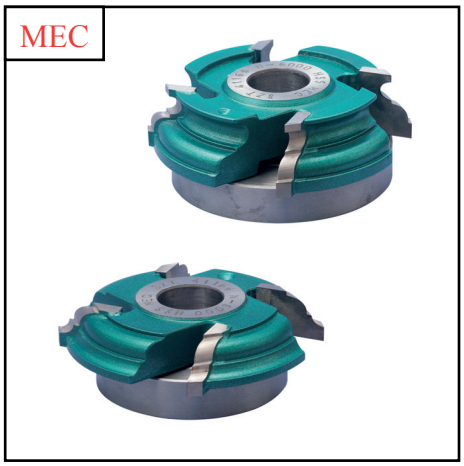


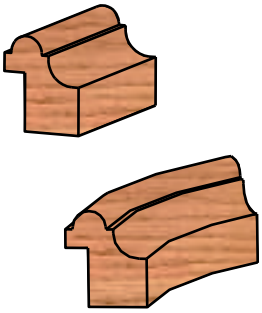
602-25

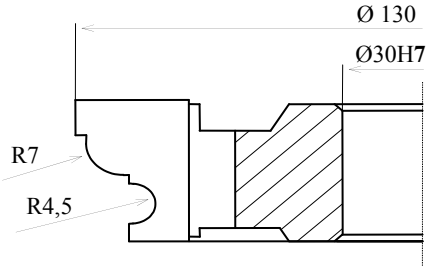
662 HS

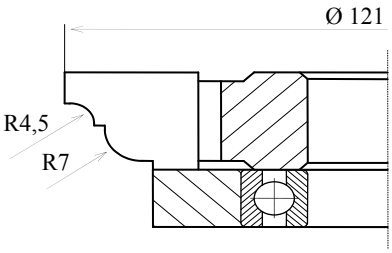
PROFILOVÉ FRÉZY NA LIŠTY
Profile cutters
Profilfräser
Fraise á profil

HS (HSS), HW(HM) rezné platničky,4 zuby, strojový posuv
HS (HSS), HW(HM) tipped, 4 teeth, mechanical feed
HS (HSS), HW(HM) bestückt, 4 Zähne, mechanischen Vorschub
HS (HSS), HW(HM)raporté, 4 dents, avance mécanique





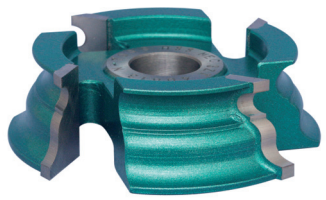




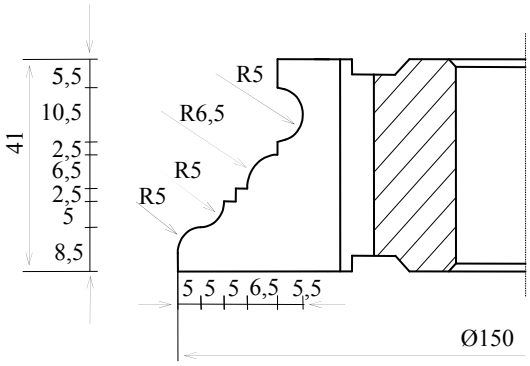
642 HS
643 HW

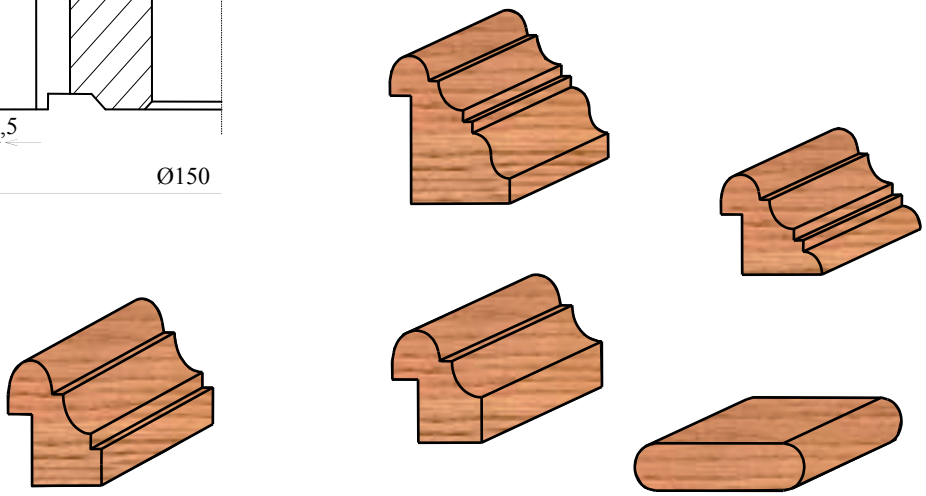
Univerzálna profilová fréza
Universal profile cutter
Universal - Profilfräser
Fraise a profils universels

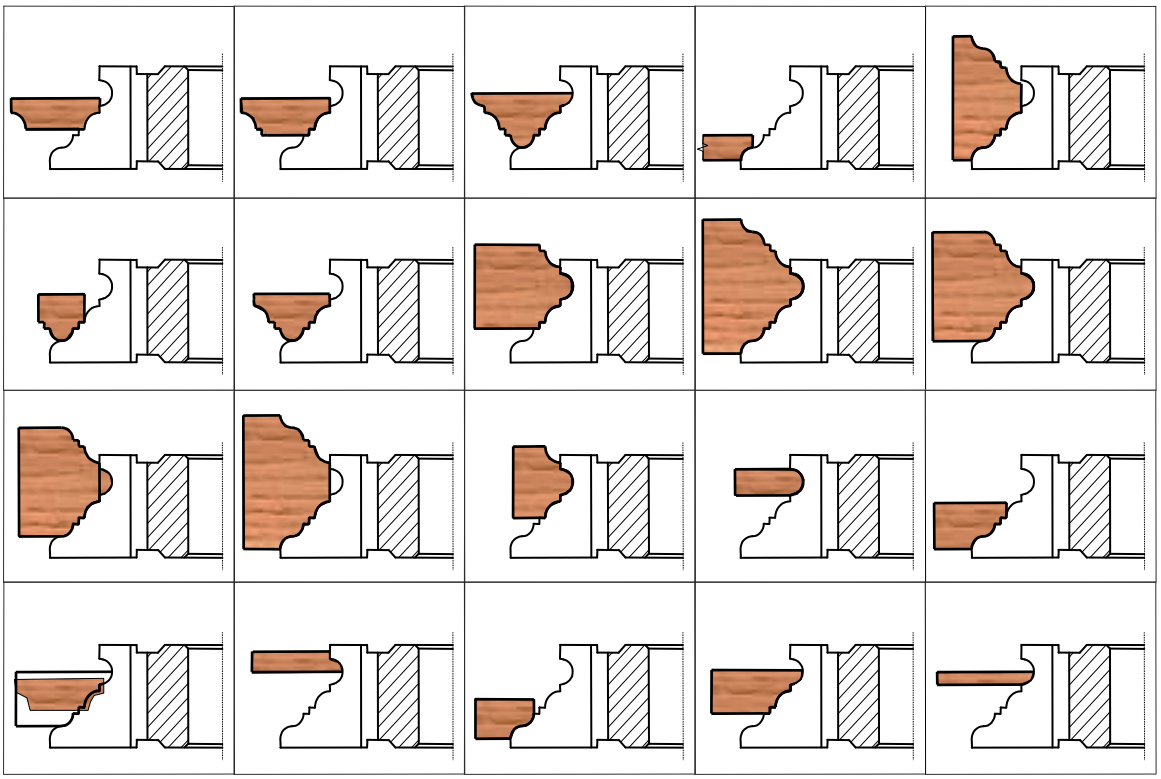
MEC



HS (HSS), HW(HM) rezné platničky, 2-4 zubov, strojový posuv
HS (HSS), HW(HM) tipped, 2-4 teeth, mechanical feed
HS (HSS), HW(HM) bestückt, 2-4 Zähne, mechanischen Vorschub
HS (HSS), HW(HM) raporté, 2-4 dents, avance mécanique







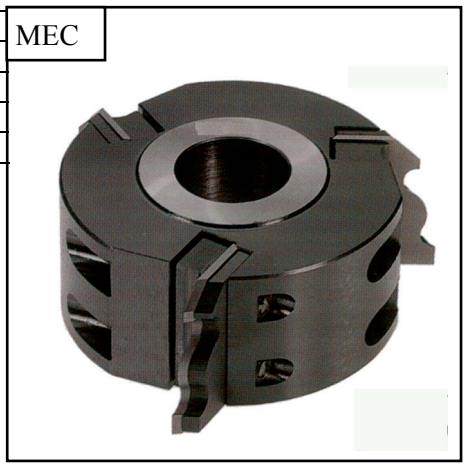
614 HW UNIVERZÁLNA PROFILOVÁ FRÉZA ŽILETKOVÁ

Universal profile cutter with throwaway knives
WP – universal profilfräser
Fraise a profils universels

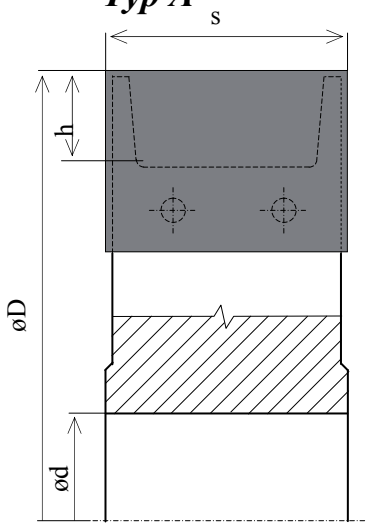
HW(HM) žiletky, 2 zuby, ručný posuv
HW(HM) knives, 2 teeth, manual feed
HW(HM) Wendeplatten, 2 Zähne, Hand Vorschub
HW(HM) Plaquettes, 2 dents, pour avance manuelle

	D	s	h	dH7	Kod
A	150	40	15	30	15040
B	150	40	15	30	15040
C	150	40	15	30	15040
D	142	40	11	30	14240

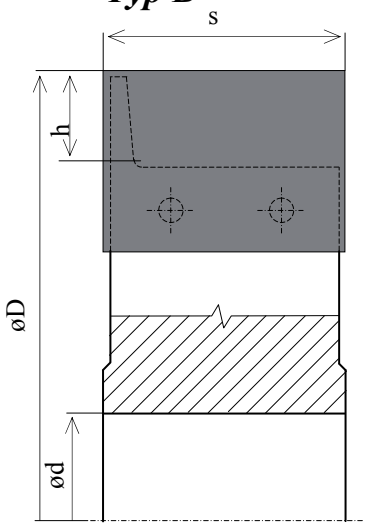
MEC



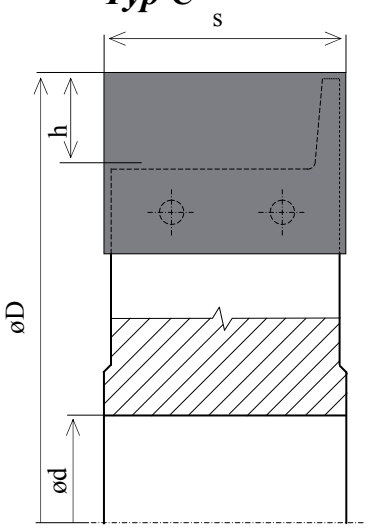
Typ A



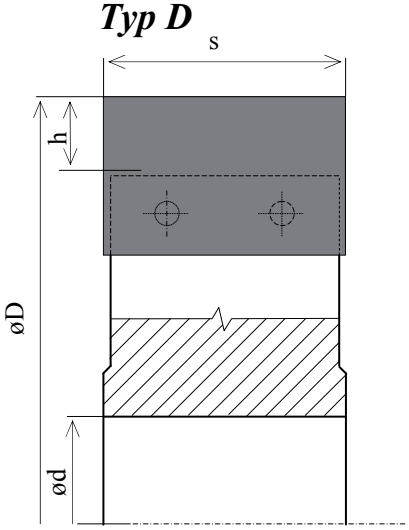
Typ B

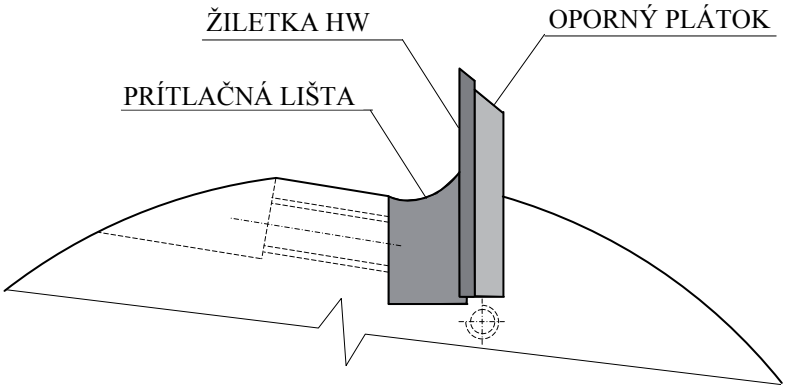


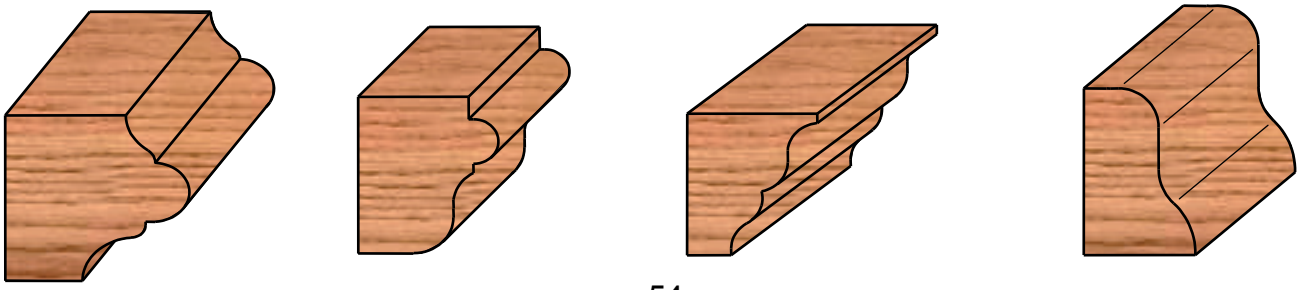
Typ C



Typ D

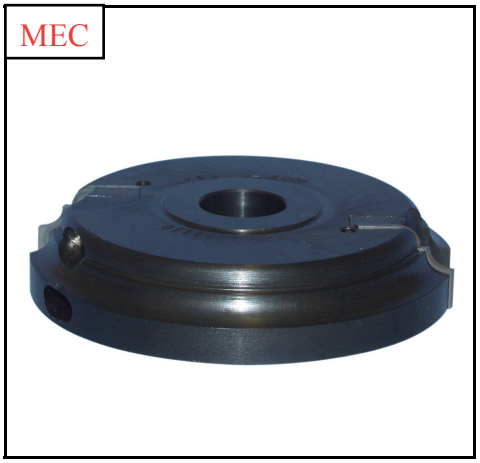




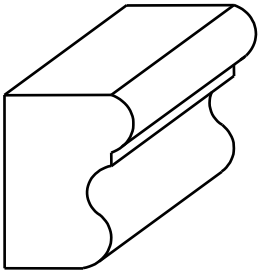
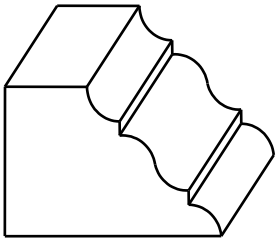
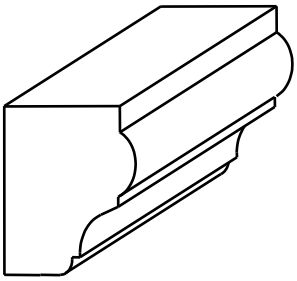
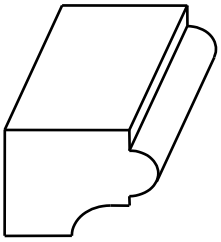
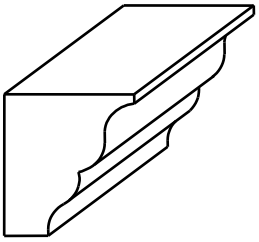
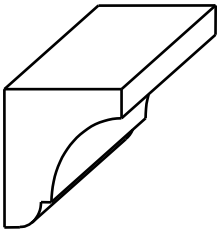
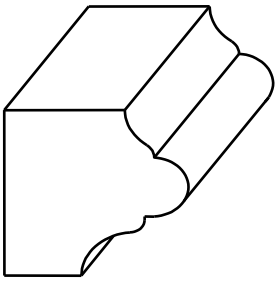
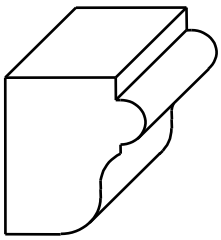
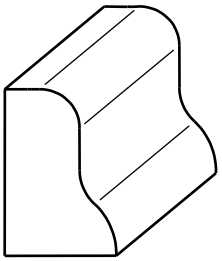
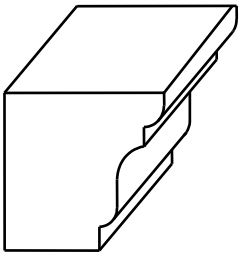
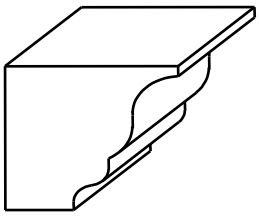
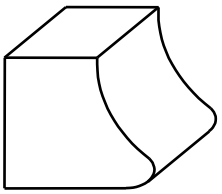
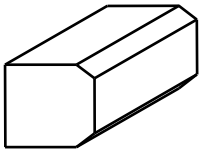
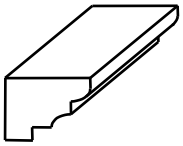
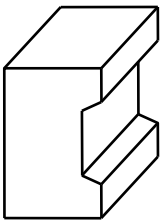


604 HW TVAROVÉ FRÉZY ŽILETKOVÉ
Profile cutters
Profilfräser
Fraise a profil

MEC



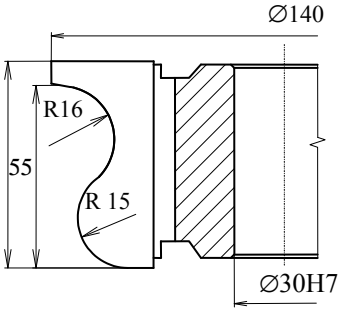
HW(HM) žiletky , 2 zuby, strojový posuv
HW(HM) knives , 2 teeth, mechanical feed
HW(HM) Wendeplatten , 2 Zähne, mechanischen Vorschub
HW(HM) Plaquettes, 2 dents, avance mécanique

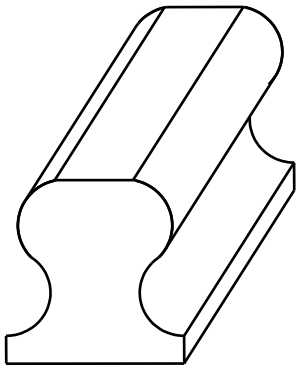
















632 HS
633 HW

PROFILOVÁ FRÉZA na madlá
Handrail profile cutter
Handlauf - profilfräser
Fraise pour rampe d´escalier

HS(HSS) ,HW(HM) rezné platničky, 2-4 zuby, strojový posuv, pre výrobu madiel na zábradlia pre schody a balkóny pre mäkké a tvrdé drevo
HS(HSS) ,HW(HM) tipped, 2-4 teeth, mechanical feed, for the production of stair railings in eithter unglued hard or soft wood
HSS(HSS) ,HW(HM) bestückt, 2-4 Zähne, mechanischen Vorschub, Zur Herstellung von Handläufen an Treppen und Geländem, Fűr Weich- und Harthölzer.
HSS(HSS) ,HW(HM) raporté, 2-4 dents, avance mécanique

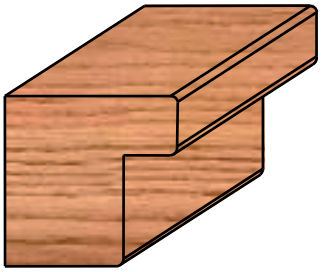


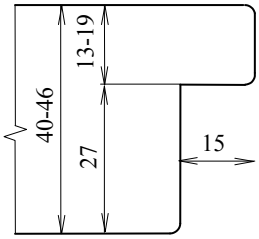


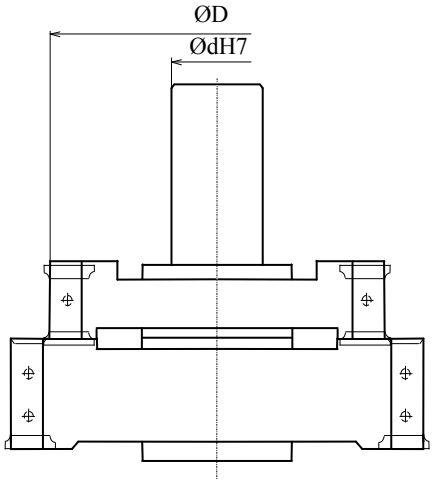
984 HW

SADA FRÉZ NA VONKAJŠÍ PROFIL DVERÍ pre CNC stroje
Cutter set for doors – wing outer – for CNC machines
Fräsersatz für Türen – Aussenflügel fűr CNC maschinen

HW(HM) žiletky, 2 zuby, strojný posuv
HW(HM) knives , 2 teeth, mechanical feed
HW(HM) Wendeplatten , 2 Zähne, mechanischen Vorschub
HW(HM) Plaquettes, 2 dents, avance mécanique



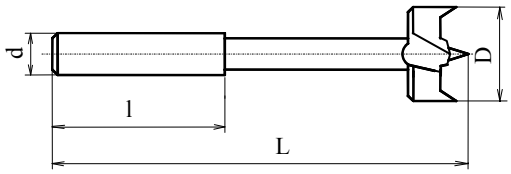




561 HL

SUKOVNÍK S VALCOVOU STOPKOU
Centre byt whith cylindrical shank
Zilinderschaftlochbohrer aus Sinterhartmetal
Meche a tete cylindrique

Nástrojová ocel', 2 zuby
HL(HLS), 2 teeth
HL(HLS), 2 Zähne
HL(HLS), 2 dents



D	L	l	d	Kod
20	110	50	16g6	561220
25	120	50	16g6	561225
30	120	50	16g6	561230
35	130	50	16g6	561235
40	130	50	16g6	561240
45	140	50	16g6	561245
50	140	50	16g6	561250

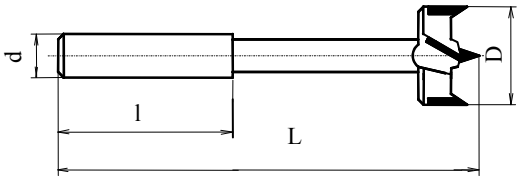
MEC

563 HW

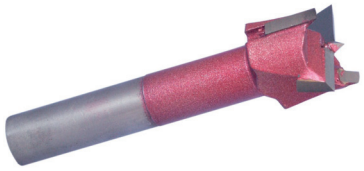
SUKOVNÍK S VALCOVOU STOPKOU
Centre byt whith cylindrical shank
Zilinderschaftlochbohrer aus Sinterhartmetal
Meche a tete cylindrique

HW(HM) rezné platničky, 2 zuby
HW(HM) tipped, 2 teeth
HW(HM) bestückt, 2 Zähne
HW(HM) raporté, 2 dents

D	L	l	d	Kod
30	120	50	16g6	563230
34	120	50	16g6	563234
35	120	50	16g6	563235
40	120	50	16g6	563240
50	120	50	16g6	563250



MEC

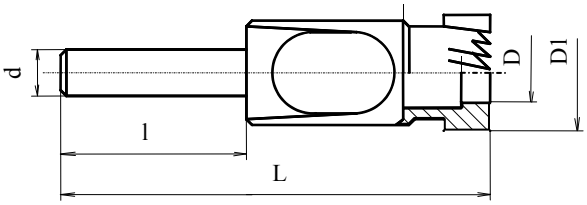


571 HL

ZÁTKOVNÍK S VALCOVOU STOPKOU
Router with cylindrical shank
Zylinderschaftspundbohrer
Meche a bouchoner

Nástrojová ocel', 2 zuby
HL(HLS) , 2 teeth
HL(HLS), 2 Zähne
HL(HLS), 2 dent

D	L	z	d	D1	Kod
20	140	4	16 g6	32	571420
25	145	4	16 g6	37	571425
30	150	4	16 g6	46	571430
35	155	5	16 g6	51	571535
40	160	5	16 g6	57	571540
45	165	5	16 g6	61	571545
50	170	5	16 g6	65	571550



MEC

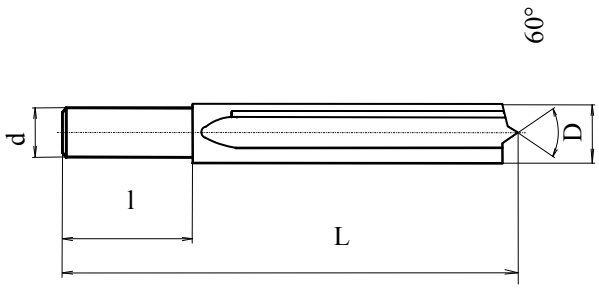
551 HL

DLABACÍ VRTÁK PRAVÝ S VALCOVOU STOPKOU
Mortising drill right with cylindrical shank
Rechter Zilinderschaftstemmbohrer
Meche a mortaiser

Nástrojová ocel', 2 zuby
HL(HLS) , 2 teeth
HL(HLS), 2 Zähne
HL(HLS), 2 dent

D	L	l	d	Kod
8	115	45	16g6	551208
10	125	55	16g6	551210
12	135	65	16g6	551212
14	145	75	16g6	551214
16	155	85	16g6	551216
18	165	95	16g6	551218
20	175	105	16g6	551220
22	190	115	16g6	551222
24	195	120	16g6	551224
26	200	125	16g6	551226
28	205	130	16g6	551228
30	215	140	16g6	551230

MEC

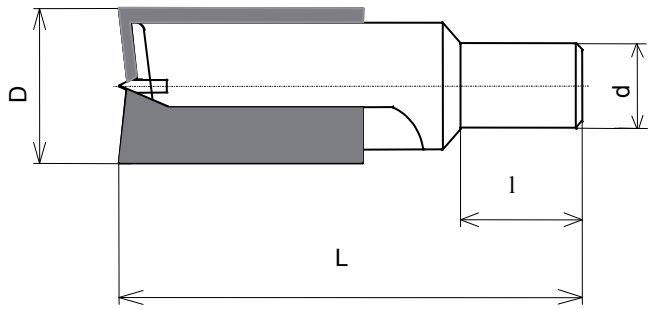


553 HW

DLABACÍ VRTÁK PRAVÝ S VALCOVOU STOPKOU
Mortising drill right with cylindrical shank
Rechter Zilinderschaftstemmbohrer
Meche a mortaiser

HW(HM) rezné platničky, 2 zuby
HW(HM) tipped, 2 teeth
HW(HM) bestückt, 2 Zähne
HW(HM) raporté, 2 dents

D	L	l	d	Kod
20	100	50	16 g6	553220
22	100	50	16 g6	553222
24	100	50	16 g6	553224
26	100	50	16 g6	553226
28	100	50	16 g6	553228
30	100	50	16 g6	553230

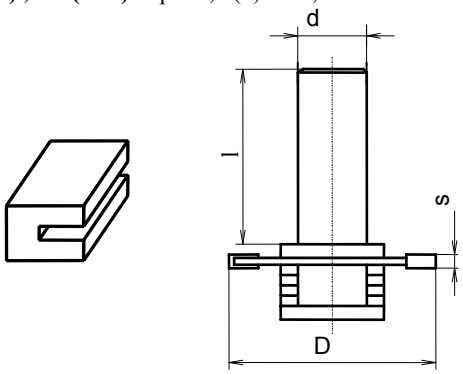


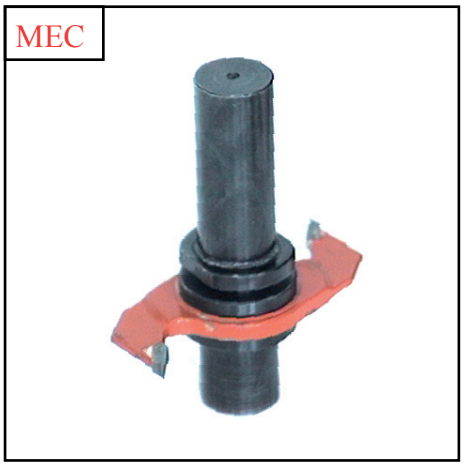
902 HS
903 HW

STOPKOVÁ DRÁŽKOVACIA FRÉZA
Rabbeting router
Falzfräser
Meche a rainer

HS(HSS) ,HW(HM) rezné platničky, 2(4) zuby, strojový posuv
HS(HSS) ,HW(HM) tipped, 2(4) teeth, mechanical feed
HS(HSS) ,HW(HM) bestückt, 2(4) Zähne, mech. Vorschub
HS(HSS) ,HW(HM) raporté, 2(4)dents, avance mécanique

D	d	s	l	Kod
100	20	3	50	10003
100	20	4	50	10004
100	20	5	50	10005
100	20	6	50	10006



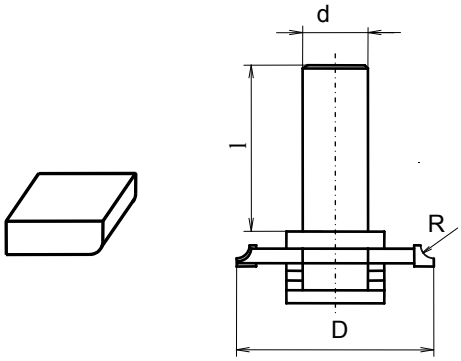


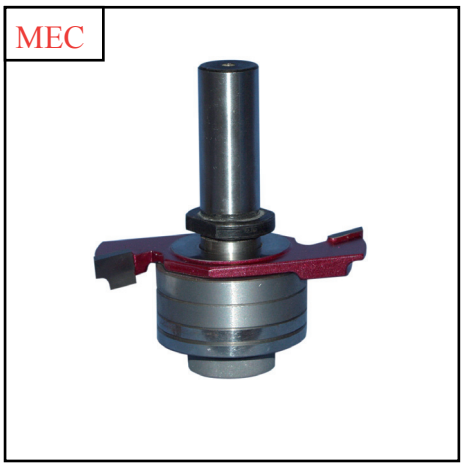
962 HS
963HW

STOPKOVÁ ŠTVRŤKRUHOVÁ VYDUTÁ FRÉZA
Quarter round cutter
Viertelstabfräser
Fraise 1/4 de rond

HS(HSS) ,HW(HM) rez.platničky,2(4) zuby, strojový posuv
HS(HSS) ,HW(HM) tipped, 2(4) teeth, mechanical feed
HS(HSS) ,HW(HM) bestückt, 2(4) Zähne, mech. Vorschub
HS(HSS) ,HW(HM) raporté, 2(4) dents, avance mécanique

D	d	R	l	Kod
100	20	3	50	10003
100	20	4	50	10004
100	20	5	50	10005
100	20	6	50	10006
100	20	8	50	10008
100	20	10	50	10010
100	20	12	50	10012
100	20	14	50	10014



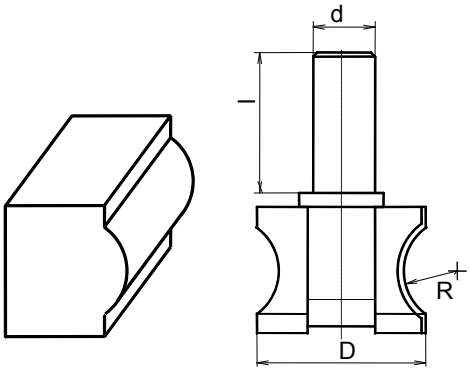


942 HS
943 HW

STOPKOVÁ POLKRUHOVÁ VYDUTÁ FRÉZA
Half round cutter
Halbkreisformfräser
Fraise 1/2 de rond (mounton)

HS(HSS) ,HW(HM) rez.platničky,2(4) zuby,strojový posuv
HS(HSS) ,HW(HM) tipped, 2(4) teeth, mechanical feed
HS(HSS) ,HW(HM) bestückt, 2(4) Zähne, mech. Vorschub
HS(HSS) ,HW(HM) raporté, 2(4)dents, avance mécanique

D	d	R	l	kod
100	20	3	50	10003
100	20	4	50	10004
100	20	5	50	10005
100	20	6	50	10006
100	20	8	50	10008
100	20	10	50	10010
100	20	12	50	10012
100	20	14	50	10014

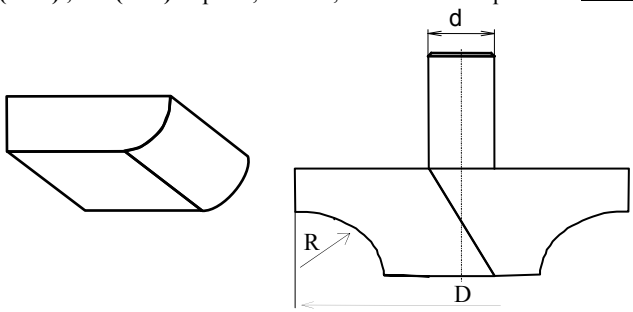


952 HS
953 HW

STOPKOVÁ ŠTVRŤKRUHOVÁ VYDUTÁ FRÉZA
Quarter round cutter
Viertelstabfräser
Fraise 1/4 de rond

HS(HSS) ,HW(HM) rezné platničky, 2 zuby, strojový posuv
HS(HSS) ,HW(HM) tipped, 2 teeth, mechanical feed
HS(HSS) ,HW(HM) bestückt, 2 Zähne, mechanischen Vorschub
HS(HSS) ,HW(HM) raporté, 2 dents, avance mécanique

D	R	d	Kod
35	10	16	3510
45	15	16	4515
54	20	16	5420
85	30	16	8530

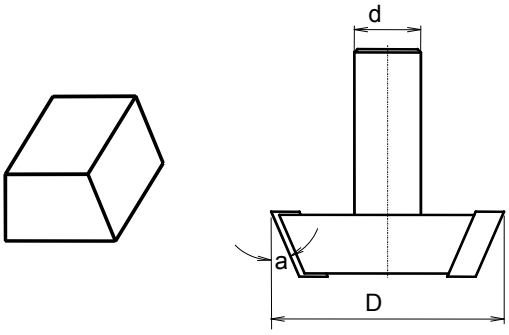


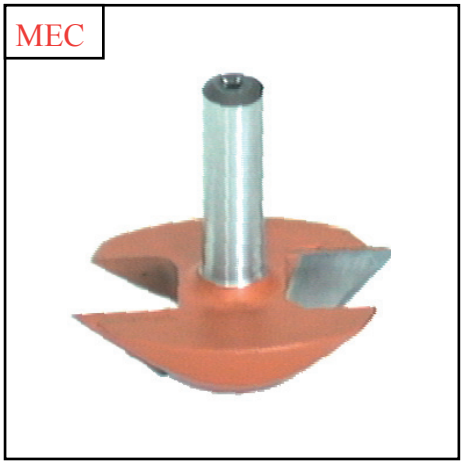
972 HS
973 HW

STOPKOVÁ UHLOVÁ FRÉZA
Angled bevel cutter
Fasefräser
Meche a chanfrein

HS(HSS) ,HW(HM) rezné platničky, 2(4) zuby, strojový posuv
HS(HSS) ,HW(HM) tipped, 2(4) teeth, mechanical feed
HS(HSS) ,HW(HM) bestückt, 2(4) Zähne, mechanischen Vorschub
HS(HSS) ,HW(HM) raporté, 2(4) dents, avance mécanique

D	d	a	kód
80	20	45°	8045
80	20	30°	8030
80	20	15°	8015

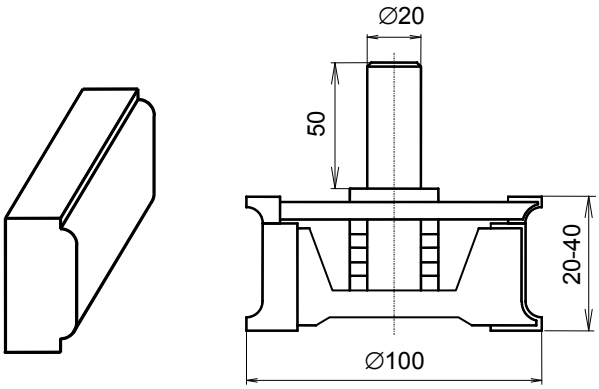


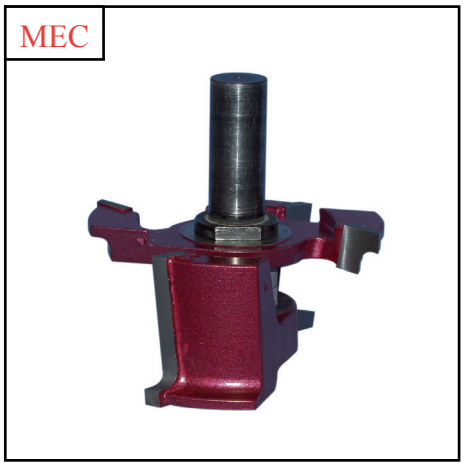


912 HS
913 HW

STOPKOVÁ NASTAVITEĽNÁ ZAOBĽOVACIA FRÉZA
Adjustable radius form cutter
Rondungfräser
Fraise á profil

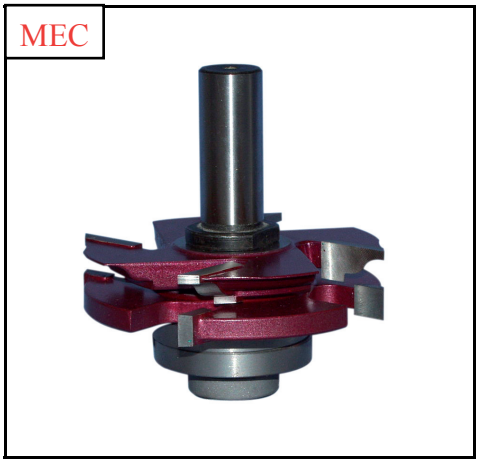
HS(HSS) ,HW(HM) rezné platničky, 2(4) zuby, strojový posuv
HS(HSS) ,HW(HM) tipped, 2(4) teeth, mechanical feed
HS(HSS) ,HW(HM) bestückt, 2(4) Zähne, mechanischen Vorschub
HS(HSS) ,HW(HM) raporté, 2(4) dents, avance mécanique



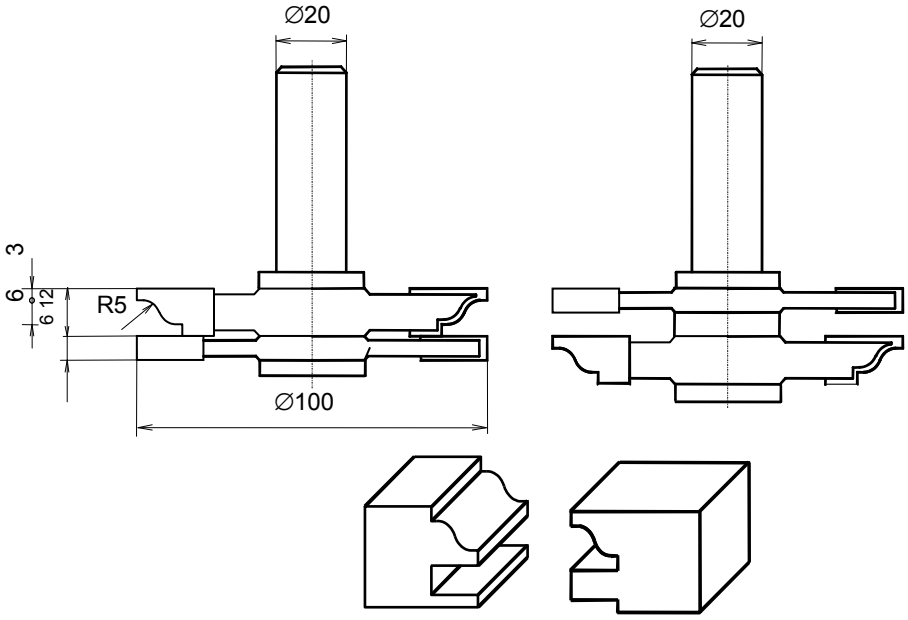


982A HS
983A HW

DVIERKOVÁ SÚPRAVA
Door´s package
Türchensatz
Coffret fraise pour ebenisterie

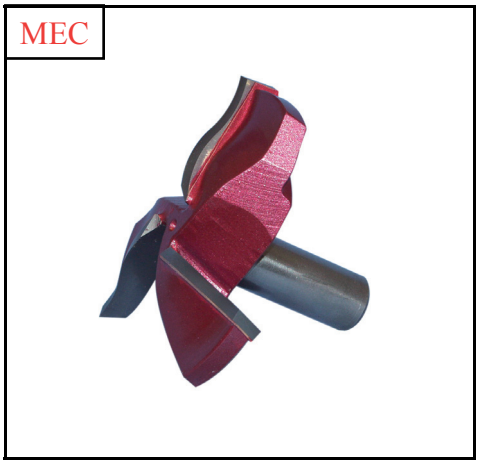


HS (HSS) ,HW(HM) rezné platničky, 2zuby, strojový posuv
HS (HSS) ,HW(HM) tipped, 2teeth, mechanical feed
HS (HSS) ,HW(HM) bestückt, 2 Zähne, mechanischen Vorschub
HS (HSS) ,HW(HM) raporté, 2 dents, avance mécanique

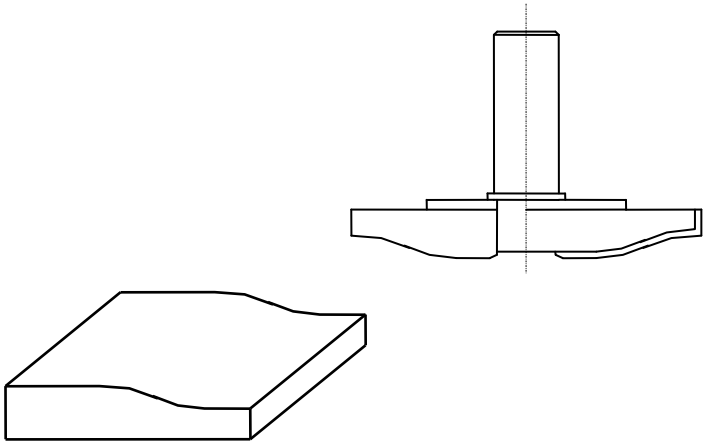


922 HS
923 HW

STOPKOVÁ FILUNGOVA FRÉZA
Filung cutter
Abplattfräser
Fraise plate - bande



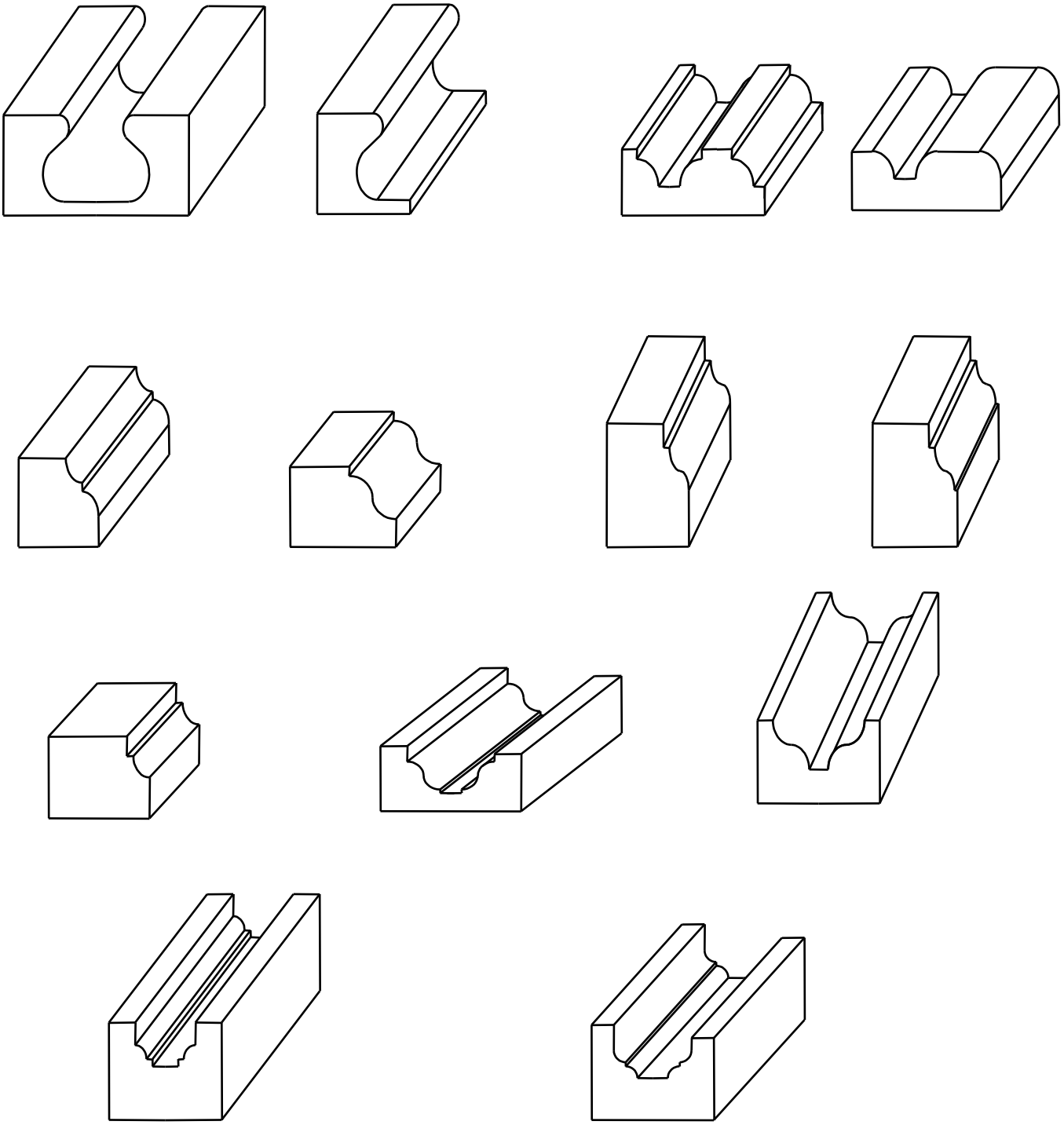
HS(HSS) ,HW(HM) rezné platničky, 2(4) zuby, strojový posuv, k profilovaniu dverových výplní
HS(HSS) ,HW(HM) tipped, 2(4) teeth, mechanical feed, for profiling raised panel profiles
HS(HSS) ,HW(HM) bestückt, 2(4) Zähne, mechanischen Vorschub, Zum Profilieren von Turenfulungen
HS(HSS) ,HW(HM) raporté, 2(4) dents, avance mécanique



922 HS
923 HW
924 HW

STOPKOVÉ PROFILOVÉ FRÉZKY
Router cutters
Profilfräser
Fraises a profils

HS (HSS) ,HW(HM) rezné platničky alebo žiletky, 2uby, strojový posuv
HS (HSS) ,HW(HM) tipped or knives, 2teeth, mechanical feed
HS (HSS) ,HW(HM) bestückt und Wendeplatten, 2 Zähne, mechanischen Vorschub
HS (HSS) ,HW(HM) raporté ou Plaquettes, 2 dents, avance mécanique



555 HW

DRÁŽKOVACIA STOPKOVÁ ŠPIRÁLOVÁ FRÉZA
Rabbeting router - profi
VHW - Schlichtfräser - profi
Meche a rainer

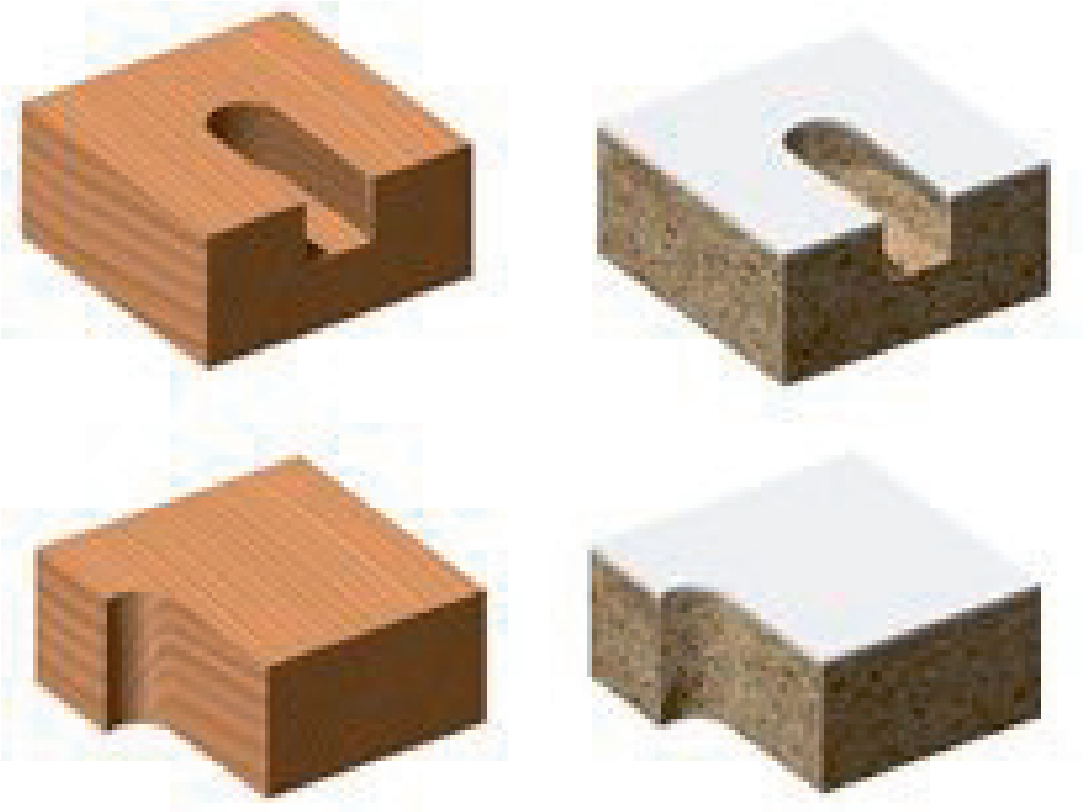
PREVEDENIE:
- monolitný celotvrdokovový HW (HM, SK) nástroj
- dvojzubové prevedenie v skrutkovici
- dosahuje vynikajúcu kvalitu frézovania
- 3 druhy geometrie uhlu skrutkovice:
* pozitívny uhol skrutkovice - horný odvod triesok s vynikajúcou kvalitou rezu na hornej hrane - TYP 5551
* negatívny uhol skrutkovice - dolný odvod triesok s vynikajúcou kvalitou rezu na dolnej hrane - TYP 5552
* negatívno - pozitívny uhol skrutkovice - vynikajúca kvalitou rezu na dolnej aj hornej hrane - TYP 5553
- ideálne použitie pre tvrdé aj mäkké drevo, DTD, MDF, lamino v kombinácii s **extra tvrdým povlakom KTRN** - zvýšená životnosť ostria až o 75%

POZITÍVNA SKRUTKOVICA			
D	**S**	**Z**	**kód**
8	22	80	5551 08 22
8	32	80	5551 08 32
10	32	80	5551 10 32
10	42	90	5551 10 42
12	35	80	5551 10 35
12	42	90	5551 42 90
16	52	110	5551 16 52
20	52	110	5551 20 52
20	72	120	5551 20 72
20	85	130	5551 20 85

NEGATÍVNA SKRUTKOVICA			
D	**S**	**Z**	**kód**
8	32	90	5552 08 32
10	42	90	5552 10 42
12	42	90	5552 12 42
16	52	110	5552 16 52
20	52	110	5552 20 52

DUÁLNA SKRUTKOVICA			
D	**S**	**Z**	**kód**
8	32	90	5553 08 32
10	42	90	5553 10 42
12	42	90	5553 12 42
16	52	110	5553 16 52
20	52	110	5553 20 52

Zoznam skratiek:
D – priemer frézy, stopky
S – dĺžka ostria / pracovná hĺbka
Z – celková dĺžka frézy



556 HW

PROFI - DRÁŽKOVACIA STOPKOVÁ ŠPIRÁLOVÁ FRÉZA
Rabbeting router - profi
VHW - Schlichtfräser - profi
Meche a rainer

PREVEDENIE:
- monolitný celotvrdokovový HW (HM, SK) nástroj
- trojzubové prevedenie v skrutkovici
- dosahuje vynikajúcu kvalitu frézovania
- 2 druhy geometrie uhlu skrutkovice:
* pozitívny uhol skrutkovice - horný odvod triesok s vynikajucou kvalitou rezu na hornej hrane - TYP 5561
* negatívny uhol skrutkovice - dolný odvod triesok s vynikajucou kvalitou rezu na dolnej hrane - TYP 5562
- ideálne použitie pre tvrdé aj mäkké drevo, DTD, MDF, lamino v kombinácii s **extra tvrdým povlakom KTRN** - zvýšená životnosť ostria až o 75%

POZITÍVNA SKRUTKOVICA			
D	**S**	**Z**	**kód**
16	52	110	5561 3 16 52
16	85	130	5561 3 16 85
20	52	120	5561 3 20 52
20	85	130	5561 3 20 85

NEGATÍVNA SKRUTKOVICA			
D	**S**	**Z**	**kód**
16	52	110	5562 3 16 52
16	**85**	**130**	**5562 3 16 85**
20	52	120	5562 3 20 52
20	85	130	5562 3 20 85

Zoznam skratiek:
D – priemer frézy, stopky
S – dĺžka ostria / pracovná hĺbka
Z – celková dĺžka frézy

557 HW

PROFI - DRÁŽKOVACIA STOPKOVÁ ŠPIRÁLOVÁ FRÉZA s deličmi triesok
Rabbeting router – profi with chip breaker
VHW - Schlichtfräser - profi
Meche a rainer

PREVEDENIE:
- monolitný celotvrdokovový HW (HM, SK) nástroj
- trojzubové prevedenie v skrutkovici S DELIČMI TRIESOK
- dosahuje vynikajúcu kvalitu frézovania
- umožňuje frézovať celú hĺbku na jeden záber
- 2 druhy geometrie uhlu skrutkovice:
* pozitívny uhol skrutkovice - horný odvod triesok s vynikajúcou kvalitou rezu na hornej hrane - TYP 5571
* negatívny uhol skrutkovice - dolný odvod triesok s vynikajúcou kvalitou rezu na dolnej hrane - TYP 557 2
- ideálne použitie pre tvrdé aj mäkké drevo, DTD, MDF, lamino v kombinácii s **extra tvrdým povlakom KTRN** - zvýšená životnosť ostria až o 75%

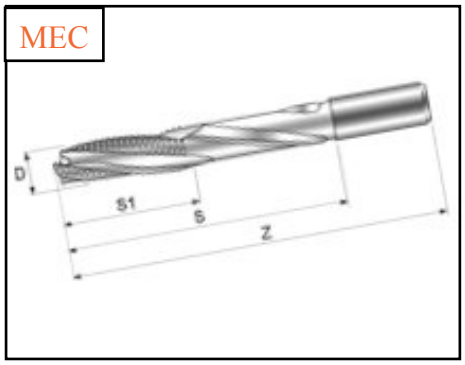
POZITÍVNA SKRUTKOVICA			
D	**S**	**Z**	**kód**
16	52	110	5571 3 16 52
16	85	130	5571 3 16 85
20	52	120	5571 3 20 52
20	85	130	5571 3 20 85

NEGATÍVNA SKRUTKOVICA			
D	**S**	**Z**	**kód**
16	52	110	5572 3 16 52
16	85	130	5572 3 16 85
20	52	120	5572 3 20 52
20	85	130	5572 3 20 85

Zoznam skratiek:
D – priemer frézy, stopky
S – dĺžka ostria / pracovná hĺbka
Z – celková dĺžka frézy

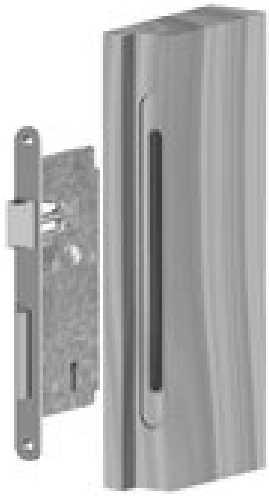
558 HW

EXTRA DLHÁ PROFI - DRÁŽKOVACIA STOPKOVÁ ŠPIRÁLOVÁ FRÉZA
Rabbeting router – profi – LONG with chip breaker
VHW - Schlichtfräser – profi - GROSSE
Meche a rainer



PREVEDENIE:
- monolitný celotvrdokovový HW (HM, SK) nástroj EXTRA DLHÝ pre CNC centrá
- *TROJZUBOVÉ* prevedenie v skrutkovici S DELIČMI TRIESOK
- vhodná pre výrobu okien, zámkov dverí
- pozitívny uhol skrutkovice - horný odvod triesok s vynikajúcou kvalitou rezu na hornej hrane
- ideálne použitie pre rastlé tvrdé aj mäkké drevo
- extra tvrdý povlak DLC - zvýšená životnosť ostria až o 75%

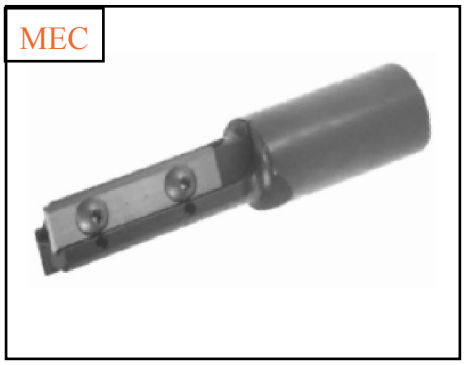
D	S1	S	Z	kód
16	45	95	150	558 163150
20	45	95	150	558 163150



Zoznam skratiek:
D – priemer frézy, stopky
S1 – dĺžka ostria lámača triesky
S – dĺžka ostria / pracovná hĺbka
Z – celková dĺžka frézy

904 HW

STOPKOVÁ DRÁŽKOVACIA FRÉZA - žiletková
Rabbeting router -
WP - Schlichtfräser
Meche a rainer



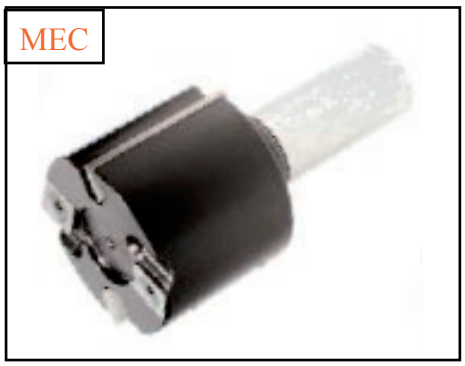
PREVEDENIE:
2 zubá drážkovacia fréza so závrtnou spodnou časťou umožňuje postupné zavrtávanie do opracovávaného materiálu.

D	S	Z	kód
16	49,5	100	904 50 016
20	49,5	100	904 50 020

Zoznam skratiek:
D – priemer frézy, stopky
S – dĺžka ostria / pracovná hĺbka
Z – celková dĺžka frézy

904 HW

STOPKOVÁ FALCOVACIA FRÉZA - žiletková
Rabbeting router -
WP - Nutfräser
Meche a rainer



PREVEDENIE:
2 zubá falcovacia fréza žiletková.

D	S	Z	kód
50	30	100	904 50 030
50	50	100	904 50 050

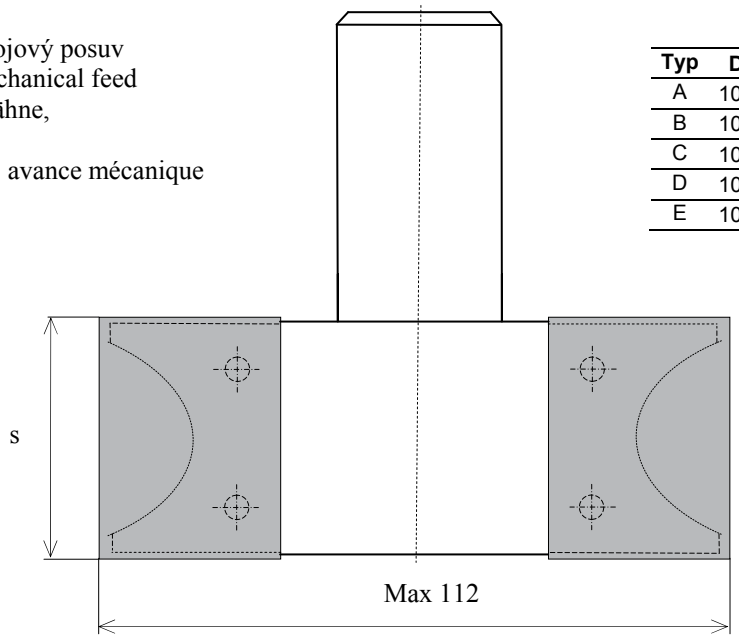
Zoznam skratiek:
D – priemer frézy, stopky
S – dĺžka ostria / pracovná hĺbka
Z – celková dĺžka frézy

615 HW STOPKOVÁ PROFILOVÁ FRÉZA ŽILETKOVÁ

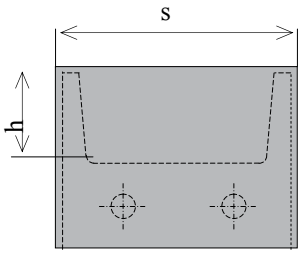
Profile cutter with throwaway knives
WP – profilfräser
Fraise a profils

HW(HM) žiletky, 2 zuby, strojový posuv
HW(HM) knives, 2 teeth, mechanical feed
HW(HM) Wendeplatten, 2 Zähne, mechanischen Vorschub
HW(HM) Plaquettes, 2 dents, avance mécanique

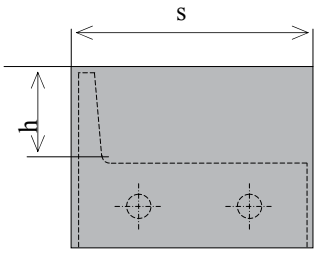
Typ	D	s		dH7	Kod
A	100	40	R20	30	10020
B	100	40		30	10050
C	100	40		30	10050
D	100	40		30	10050
E	100			30	10050



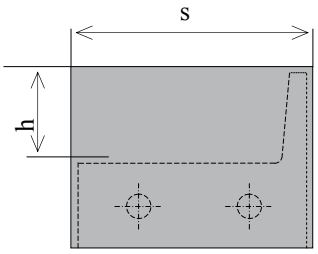
Typ A



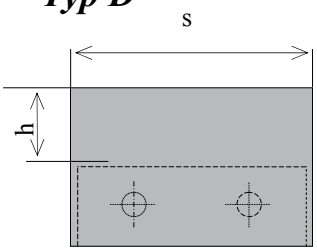
Typ B

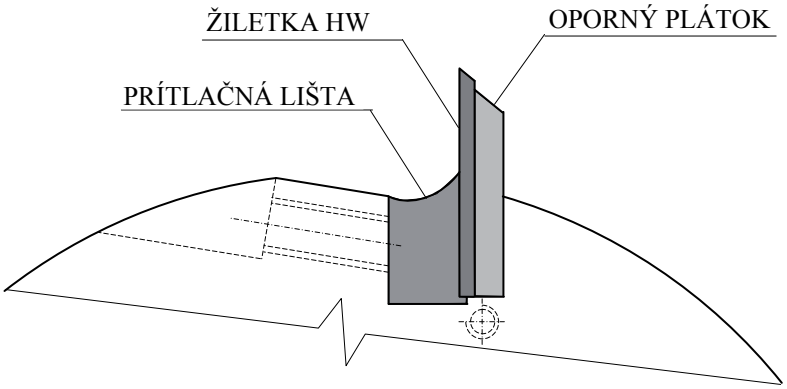


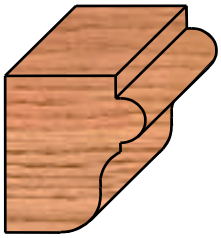
Typ C

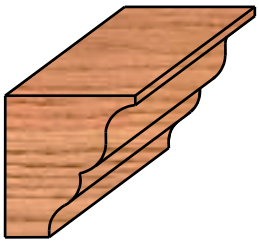


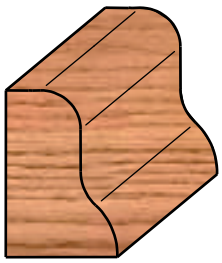
Typ D







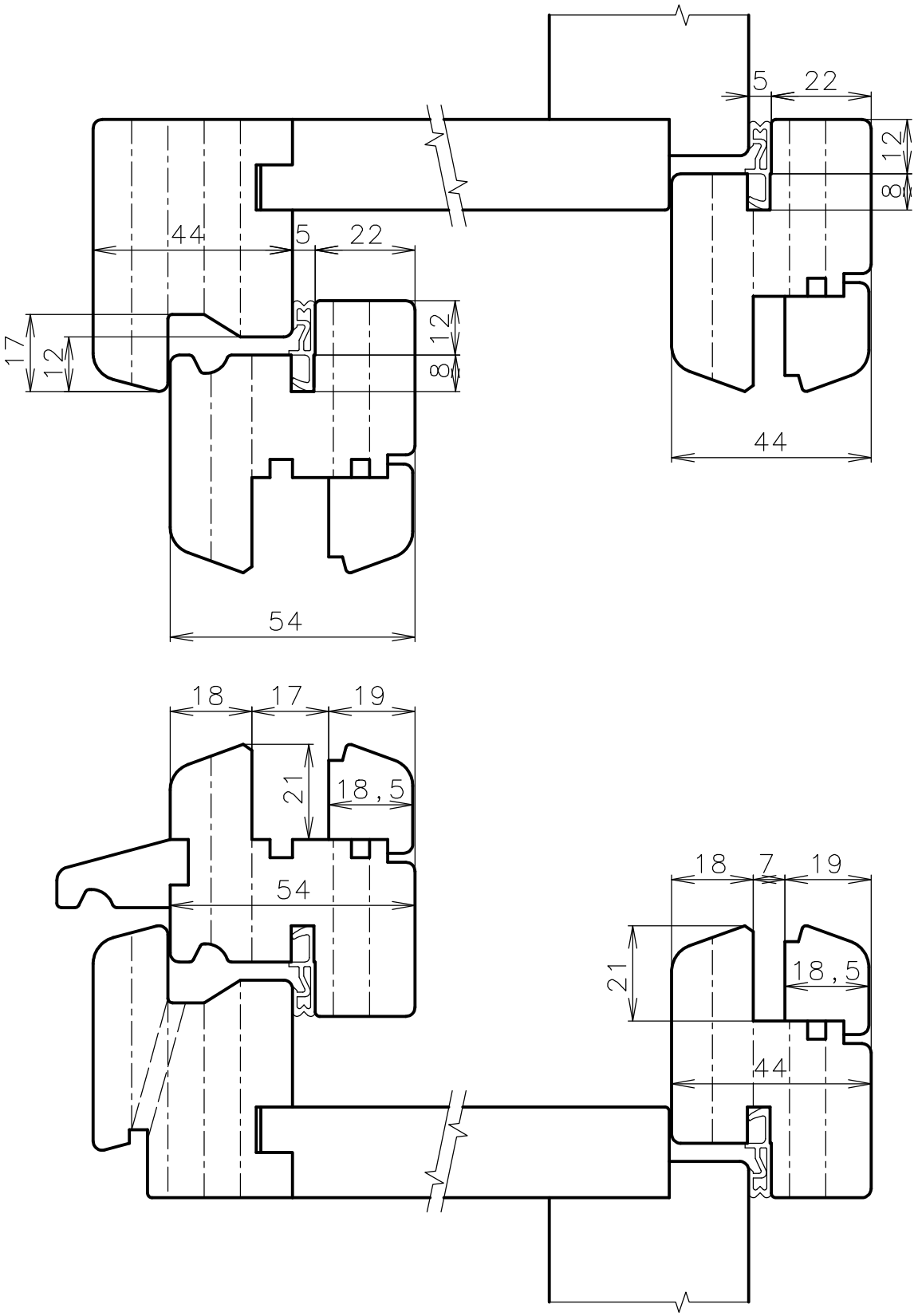




KASTLÍKOVÉ OKNO 1

ŽILETKOVÉ

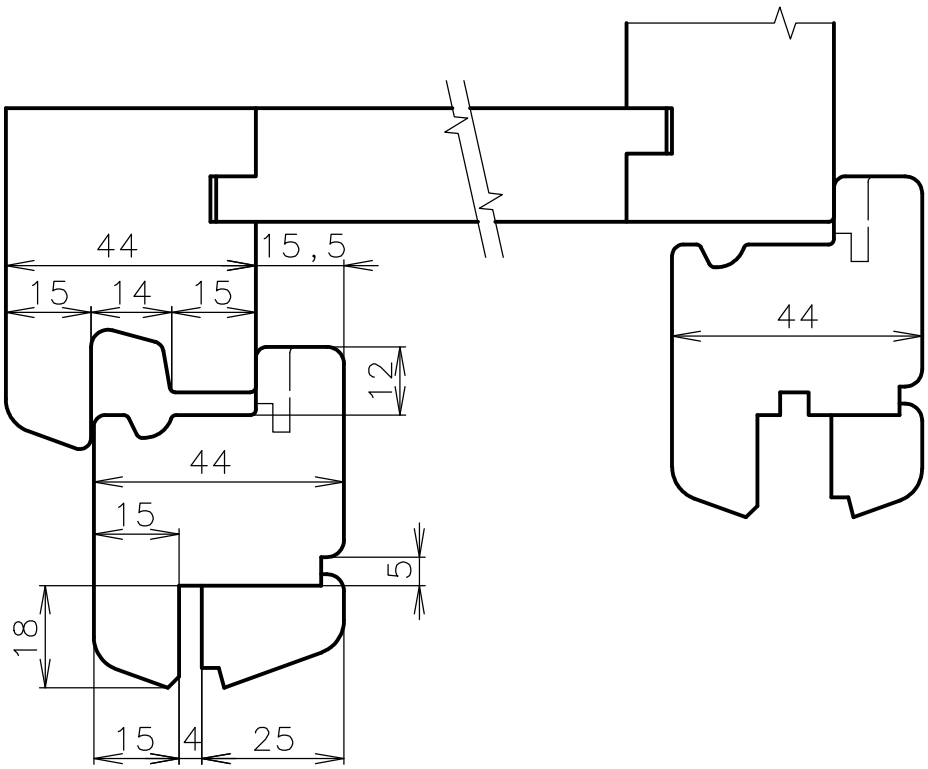
Použitie: Je určené do historických budov.
Je možnosť prispôsobiť profil krídla, rámu podľa konkrétnych historických budov.

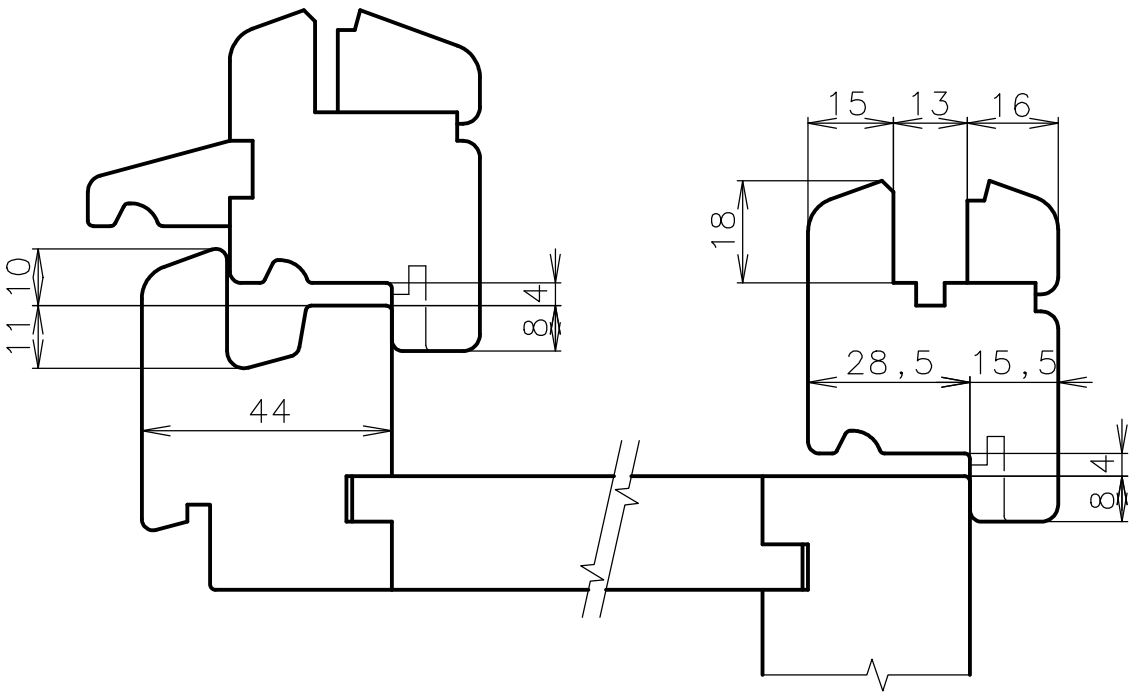


KASTLÍKOVÉ OKNO 2

ŽILETKOVÉ

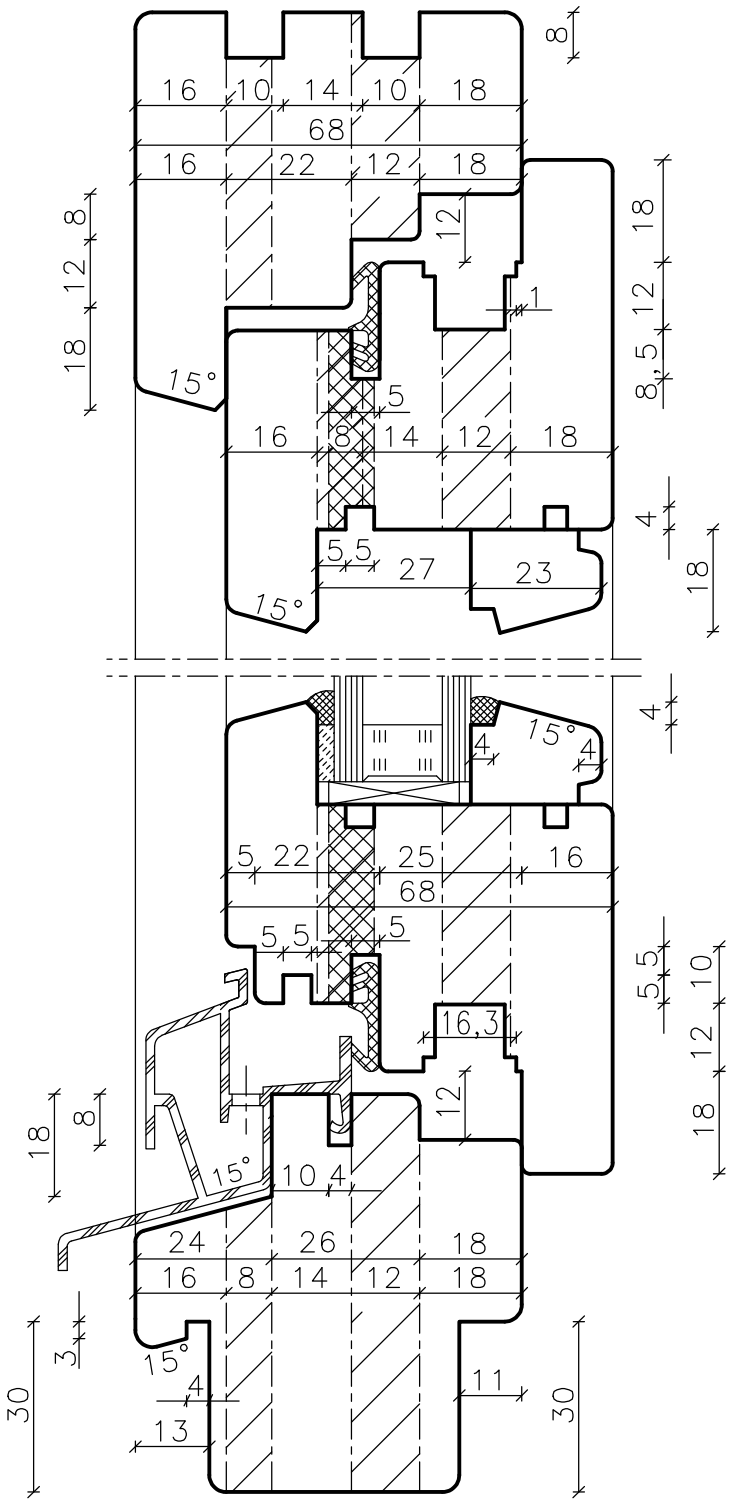
Použitie: Je určené do historických budov.
Je možnosť prispôsobiť profil krídla, rámu podľa konkrétnych historických budov.





EURO 68 – A

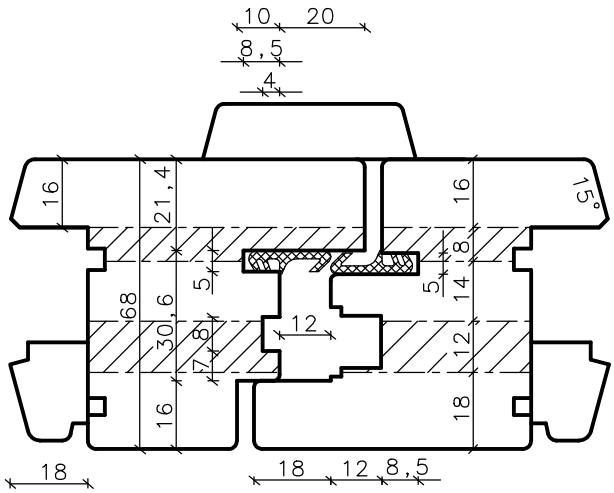
NAVÁRANÉ



Prevedenie:
Navárané HS, HW platničky.
Priznané špáry R 2,5mm.
Upínací priemer 30mm.
Frézy 4–zubové.
Čapovacie frézy sú uložené na púzdrach s vymedzovacími krúžkami a majú vyrobené obmedzovače triesky (ručný posuv).
Profilovacie frézy na jednotlivé operácie sa vyskladávajú, pričom je potrebné prestavovať výšku hriadeľa a polohu bočného pravítka.

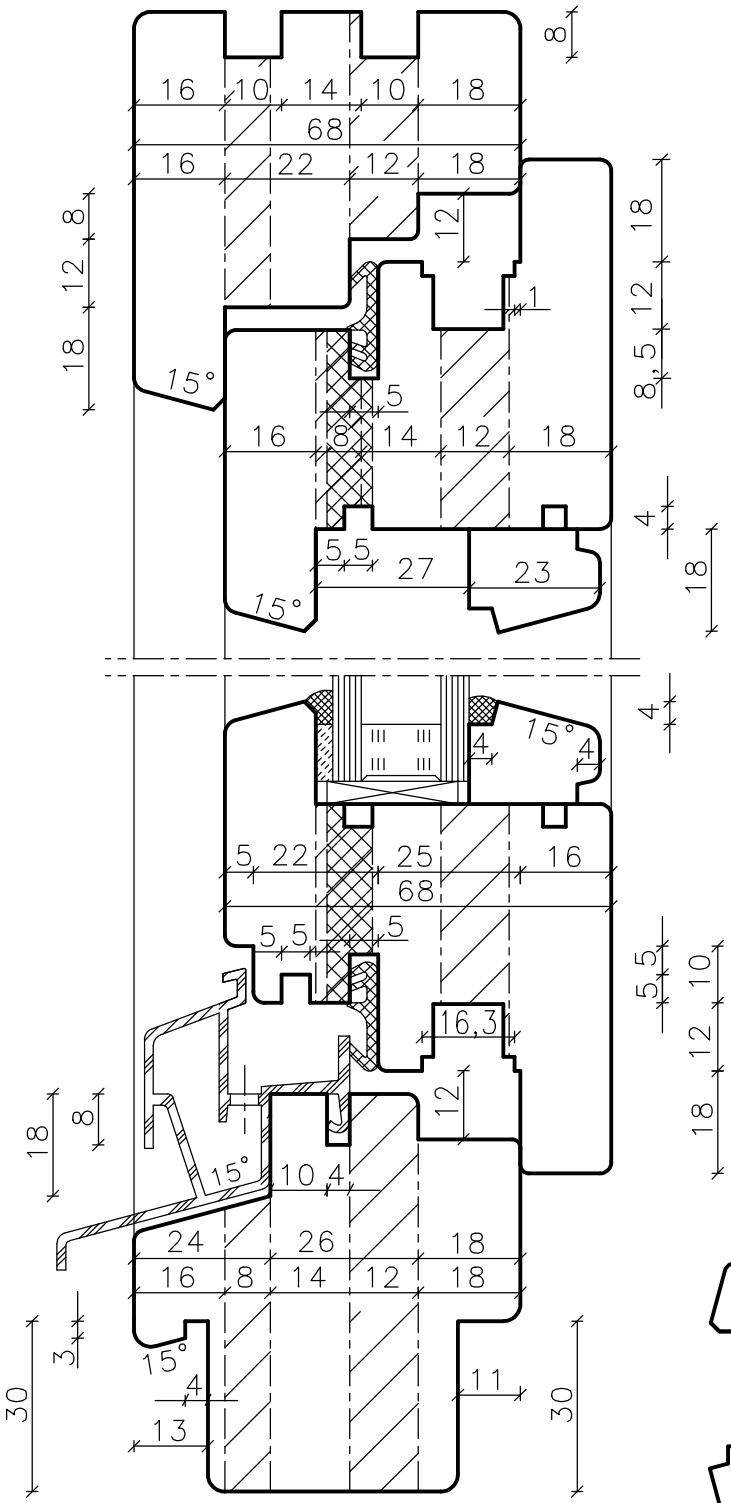
OKAPNICA:
GUTMAN NECKAR 22S
BUG TR 12.22SK

TESNENIE:
DEVENTER S 6512a VARIO SV 125



EURO 68 – B

NAVÁRANÉ

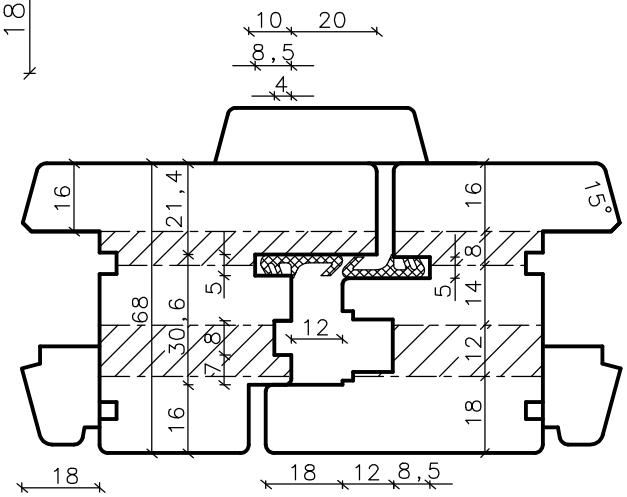


Prevedenie:
Navárané HS, HW platničky.
Priznané špáry R 2,5mm.
Upínací priemer 30mm.
Frézy 4–zubové.
Čapovacie a profilovacie frézy sú uložené na púzdrach s vymedzovacími krúžkami
Dodržujú nulovú líniu výškovo aj priemerovo.

Čapovacie kotúče majú vyrobené obmedzovače triesky (ručný posuv).

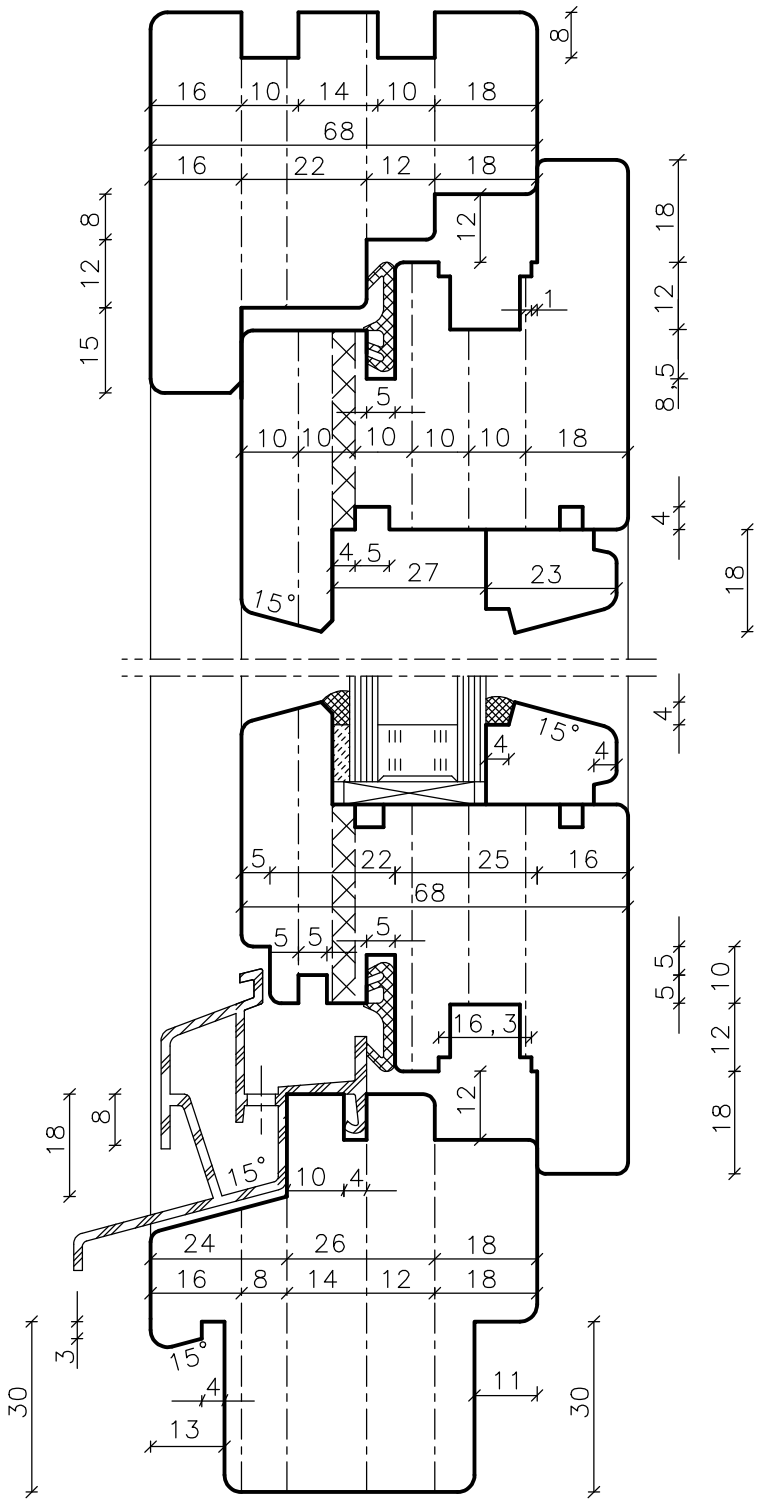
OKAPNICA:
GUTMAN NECKAR 22S
BUG TR 12.22SK

TESNENIE:
DEVENTER S 6512a VARIO SV 125



EURO 68 – C

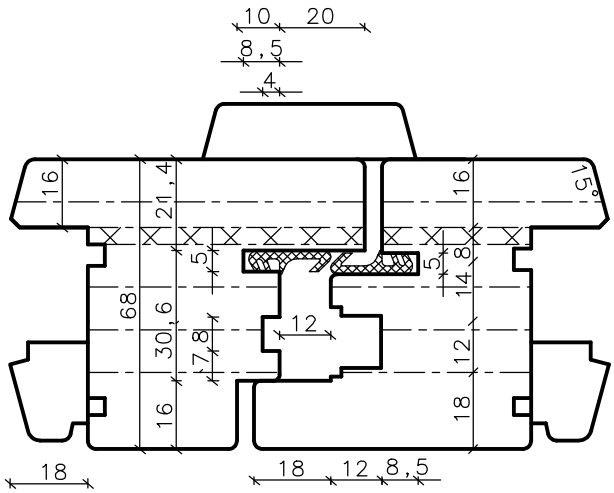
NAVÁRANÉ



Prevedenie:
Navárané HS, HW platničky.
Priznané špáry R 2,5mm.
Upínací priemer 30mm.
Frézy 4–zubové.
Čapovacie a profilovacie frézy sú uložené na púzdrach s vymedzovacími krúžkami.
Dodržujú nulovú líniu výškovo aj priemerovo.
Čapovacie kotúče majú vyrobené obmedzovače triesky (ručný posuv).
Všetky sady sú skompletované bez potreby prehadzovania nástrojov.
V sade je aj vypílenie zasklievacej lišty.
Čapovacie kotúče prečapujú do hĺbky 9cm.

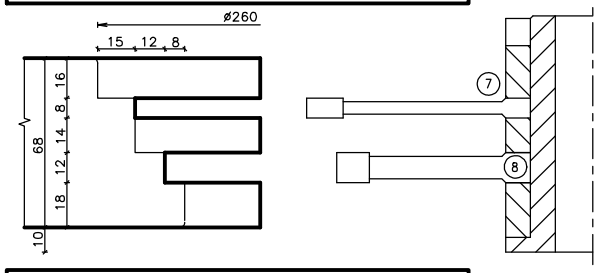
OKAPNICA:
BUG R ITR) 12.22.42K
R ITR) 12.22.46K

TESNENIE:
DEVENTER S 6512a VARIO SV 125

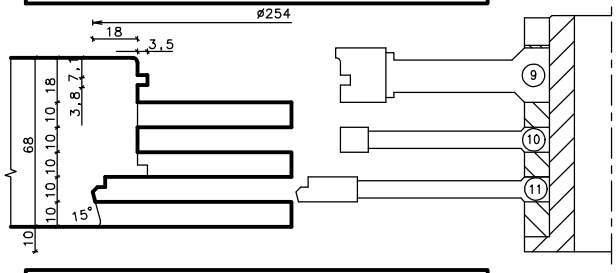


EURO 68 – C

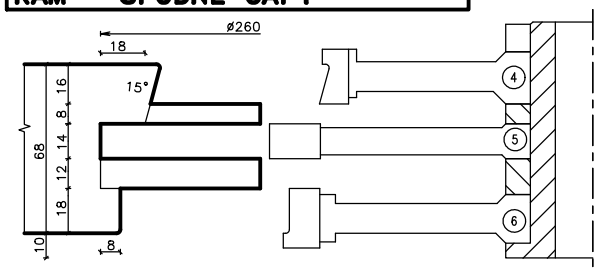
RÁM – ROZPORY



KRÍDLO – ČAPY



RÁM – SPODNÉ ČAPY



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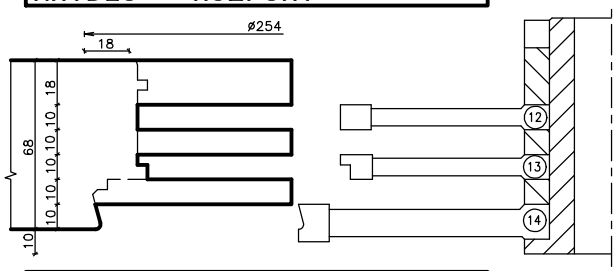
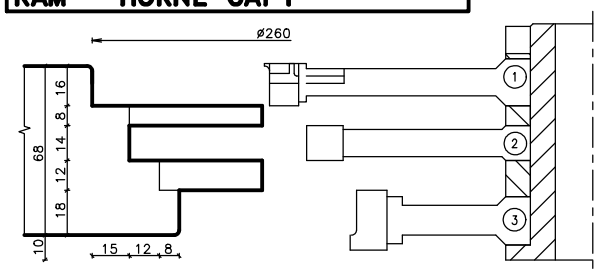
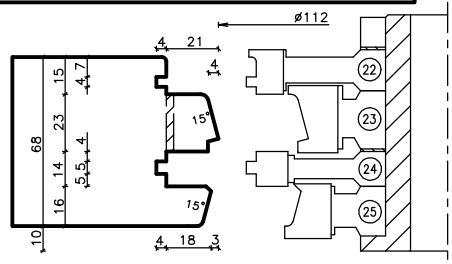


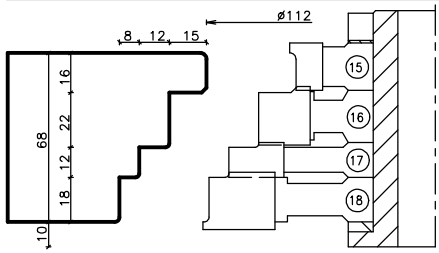
RÁM – HORNÉ ČAPY



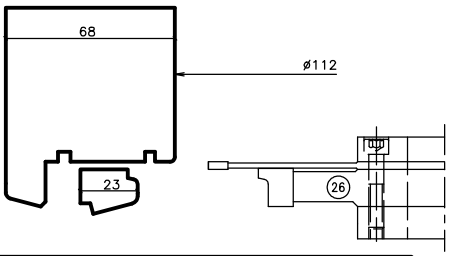
KRÍDLO – VNÚTORNÝ PROFIL



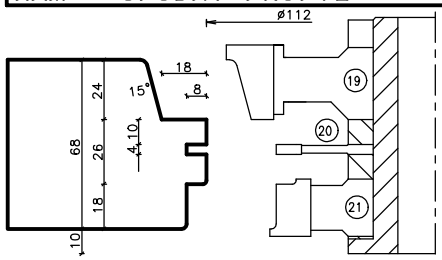
RÁM – VNÚTORNÝ PROFIL



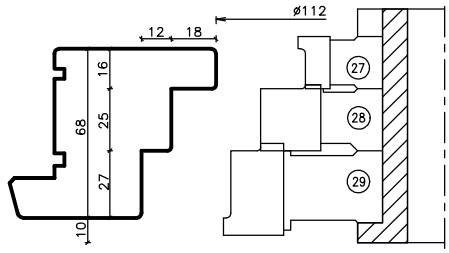
KRÍDLO – VYPÍLENIE LIŠTY



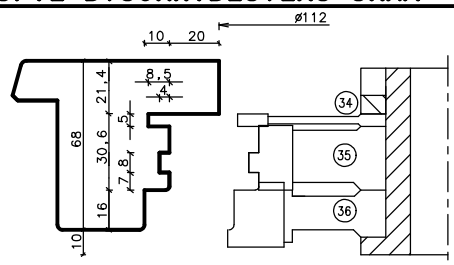
RÁM – SPODNÝ PROFIL



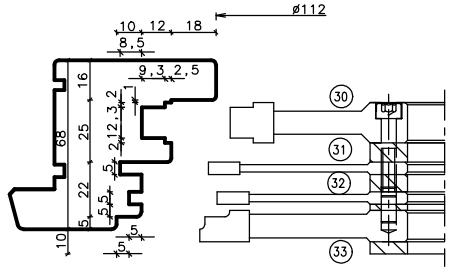
KRÍDLO – VONKAJŠÍ PROFIL



PROFIL DVOJKRÍDLOVÉHO OKNA



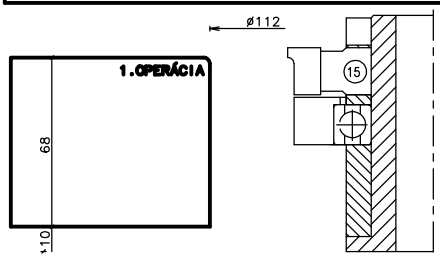
KRÍDLO – VONKAJŠÍ PROFIL



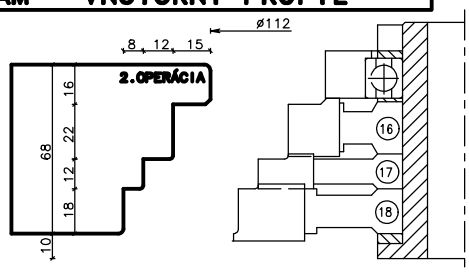
EURO 68 - C - DOPLNKY

DOPLNOK PRE OBLÚKOVÉ OKNÁ

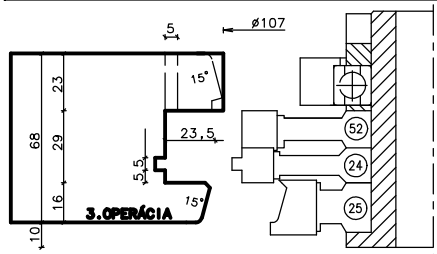
RÁM a VONKAJŠÍ PROFIL KRÍDLA



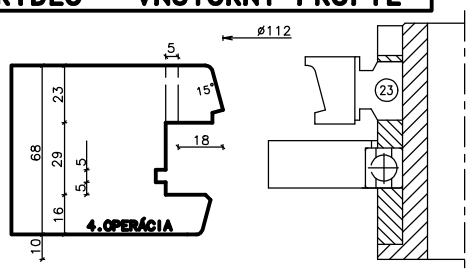
RÁM - VNÚTORNÝ PROFIL



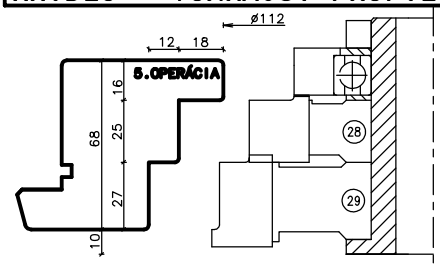
KRÍDLO - VNÚTORNÝ PROFIL



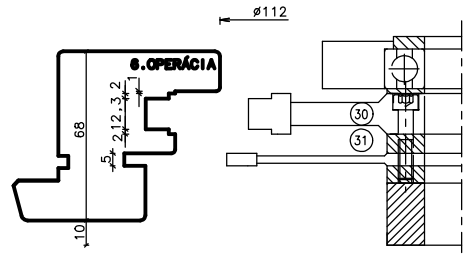
KRÍDLO - VNÚTORNÝ PROFIL



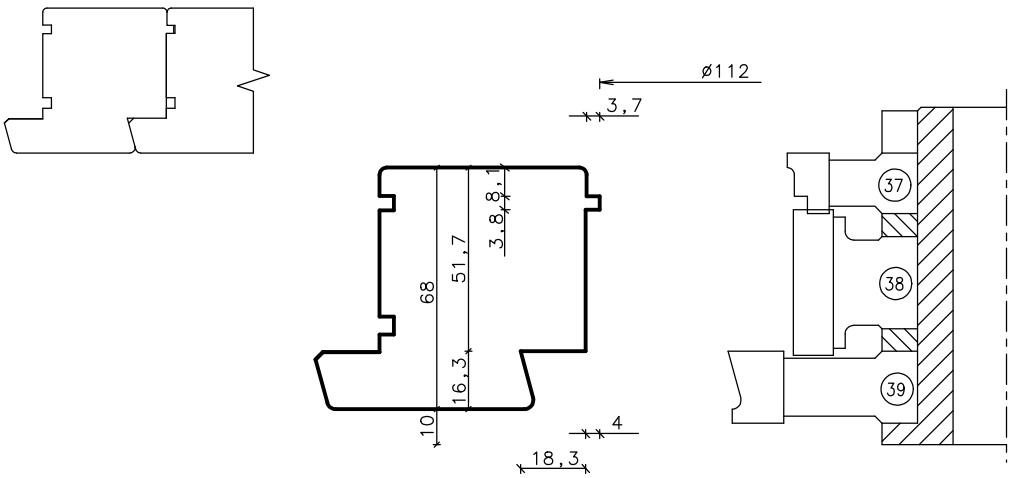
KRÍDLO - VONKAJŠÍ PROFIL



KRÍDLO - VONKAJŠÍ PROFIL

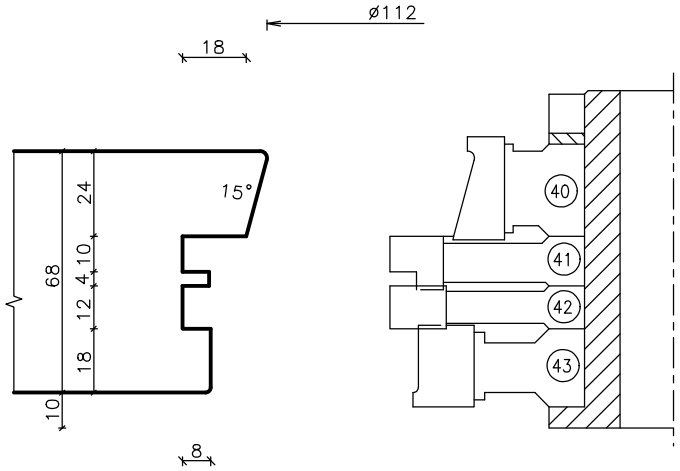


KRÍDLO - ZDVOJENÝ VLYS

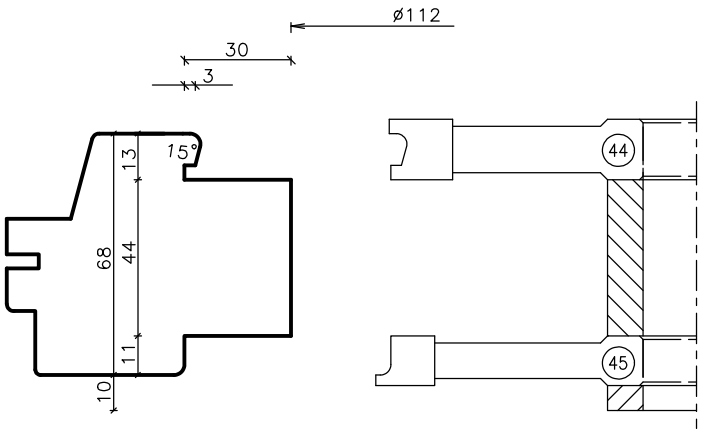


EURO 68 - C - DOPLNKY

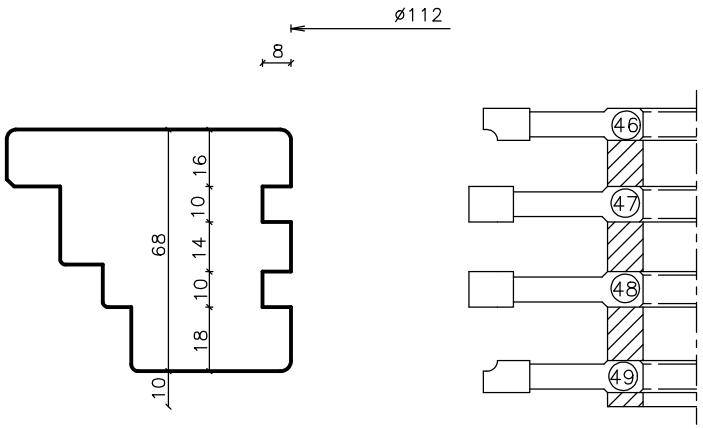
SPODNÝ KONTRAPROFIL RÁMU



SPODNÝ RÁM - PARAPETNÝ PLECH A PARAPET

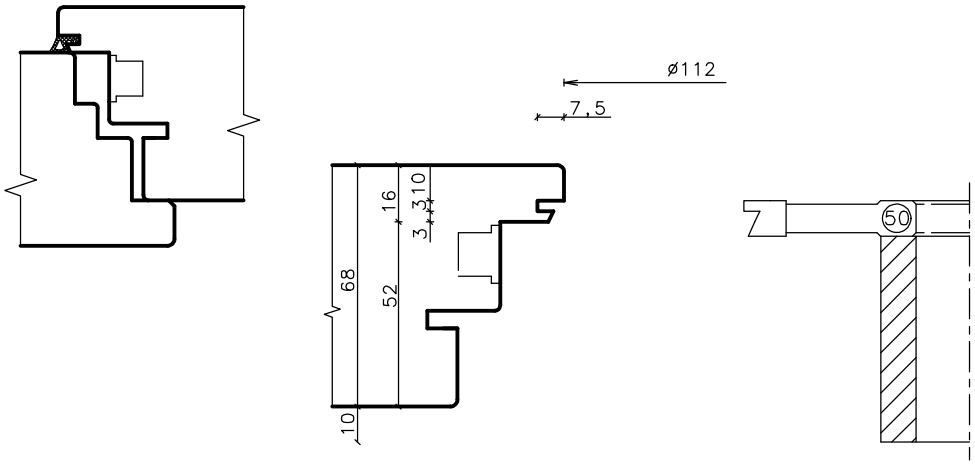


VONKAJŠÍ RÁM - ZAPENOVANIE

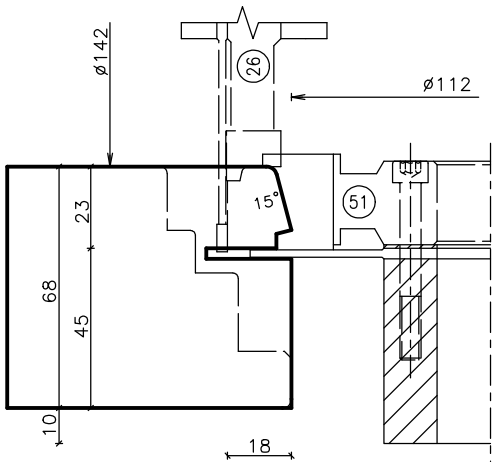


EURO 68 - C - DOPLNKY

FRÉZA NA DRÁŽKU PRE DRUHÉ TESNENIE



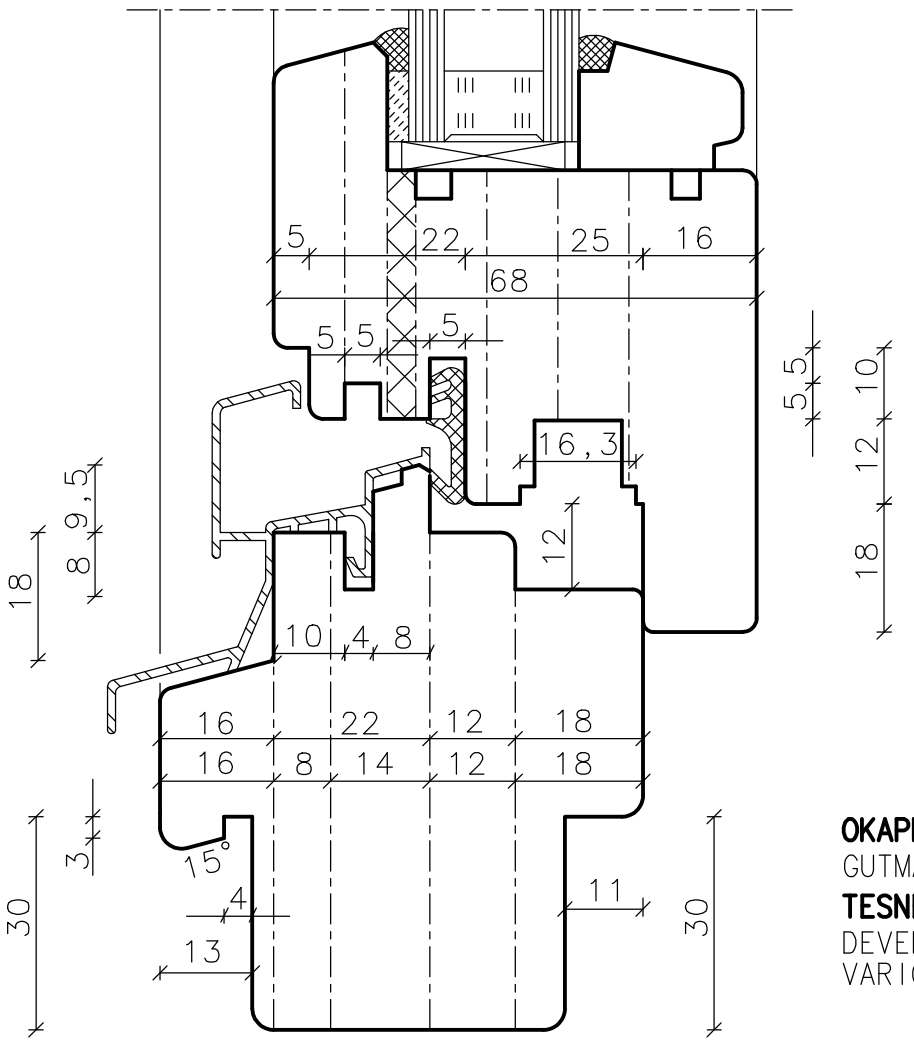
SADA NA NÁHRADNÚ ZASKLIEVACIU LIŠTU



EURO 68 C – DONAU

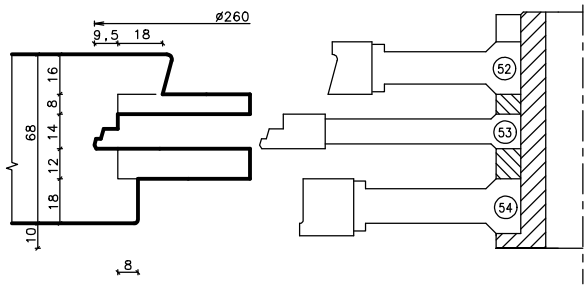
NAVÁRANÉ

Použitie: Pri Eurookne typu DONAU dosadá tesnenie spodnej časti rámu prevažne na drevo. Zabraňuje sa tým primrznutiu tesnenia k okapnici. Od štandartných nástrojov na Eurookná sa sada líši len Spodným profilom rámu a Spodnými čapmi rámu. Ostatné sady ostávajú rovnaké.
Prevedenie: Rovnaké ako pri profilovacích sadách EURO68 – navárané. Dodržuje s nimi nulové línie.

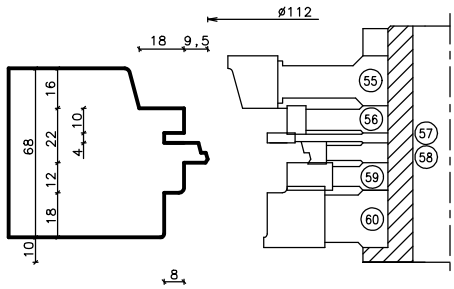


OKAPNICA:
GUTMANN DONAU 22/24F
TESNENIE:
DEVENTER S6512A
VARIO SV125

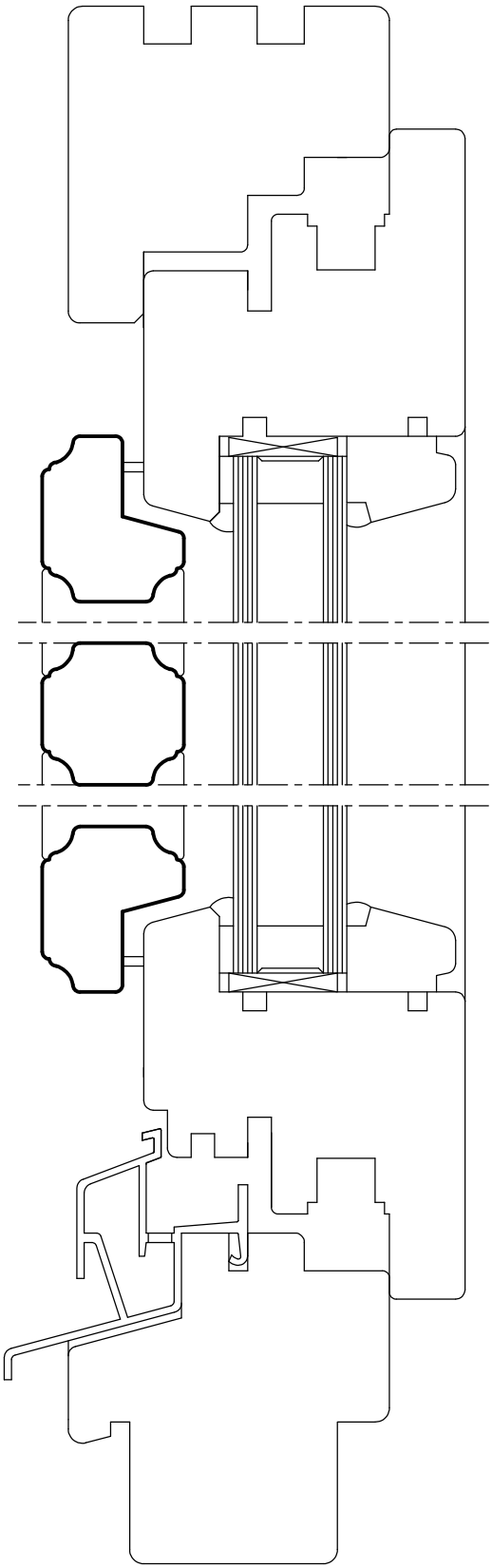
RÁM – SPODNÉ ČAPY "DONAU"

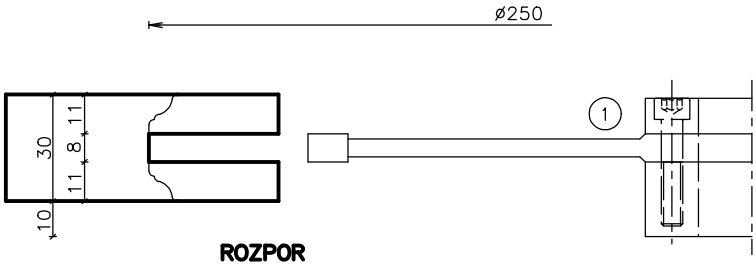


RÁM – SPODNÝ PROFIL

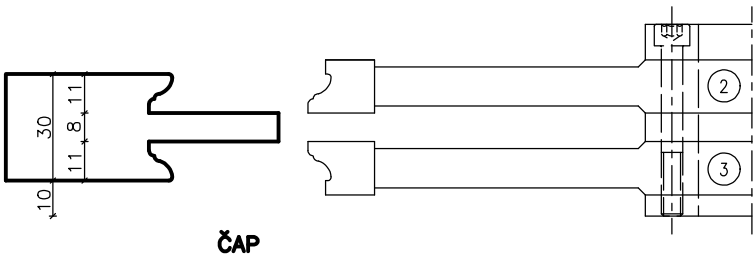


SÚPRAVA FRÉZ NA PREDOKENNÉ RÁMČEKY





ROZPOR



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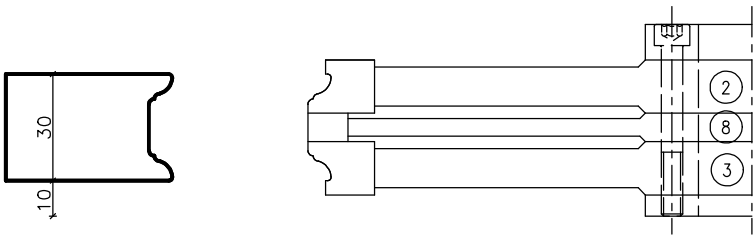
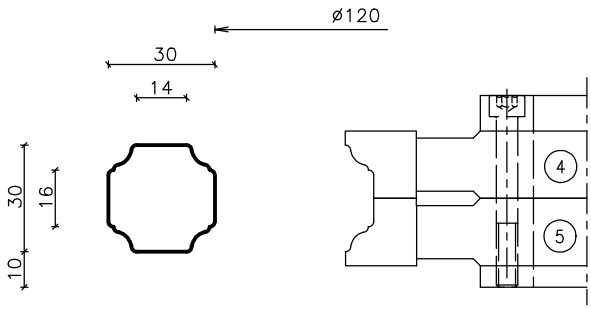
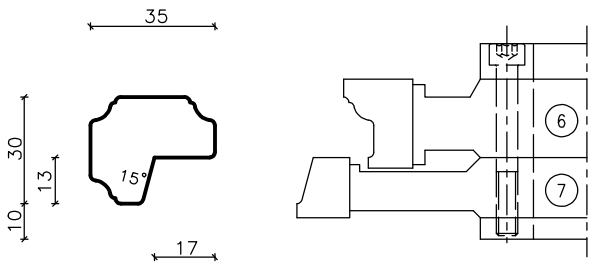


KONTRAPROFIL



VNÚTORNÝ PROFIL

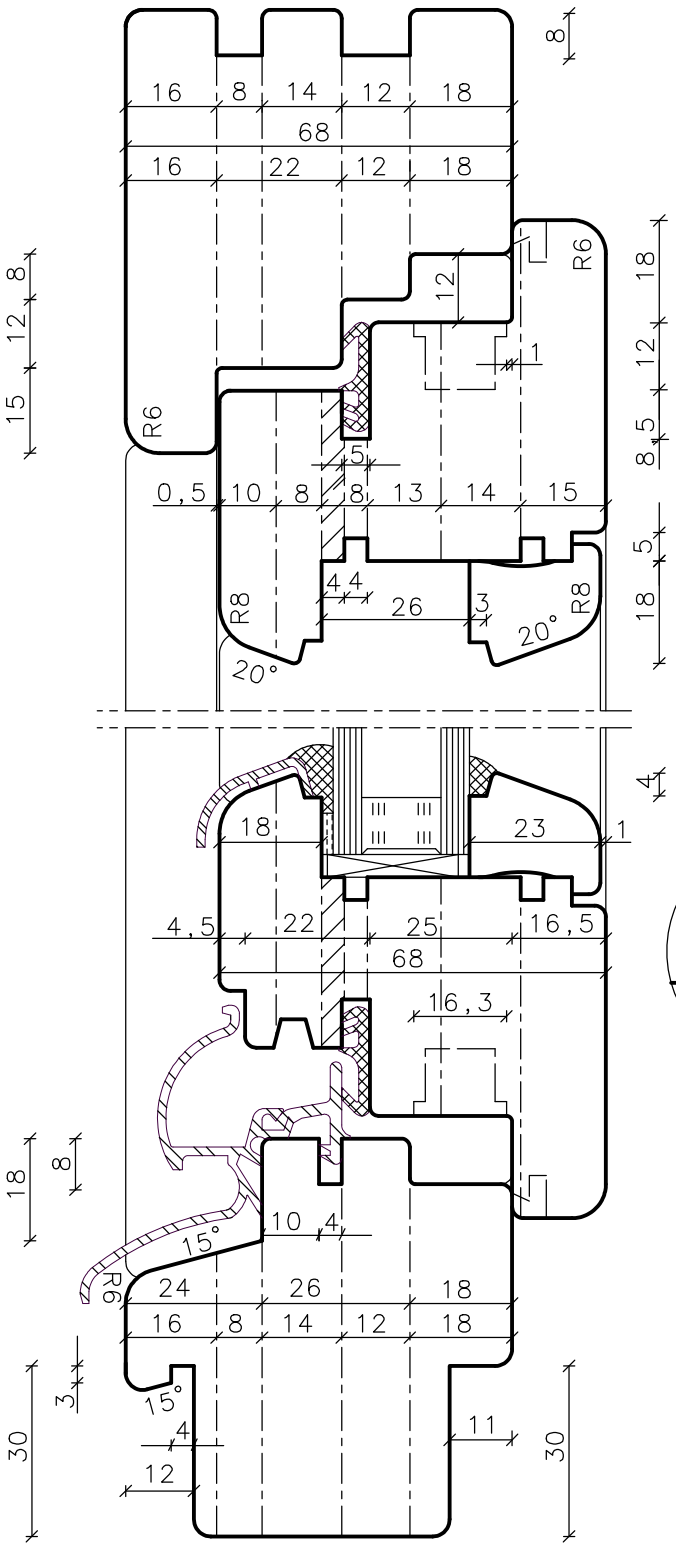


VONKAJŠÍ PROFIL

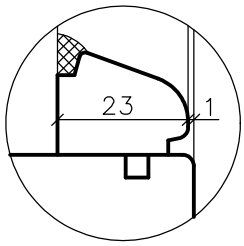
EURO 68 – SOFTLINE

NAVÁRANÉ

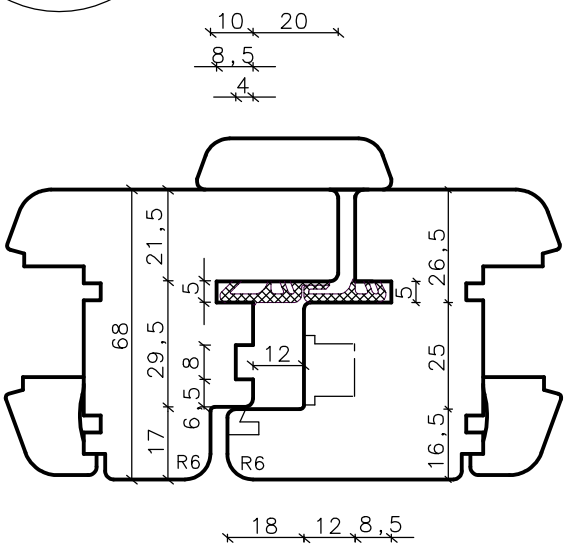
Použitie: Euro 68 – SOFTLINE vyrábame v štyroch prevedeniach:
A/ s klasickou okapnicou a s presadenou zasklievacou lištou,
B/ s klasickou okapnicou a s odrezanou zasklievacou lištou,
C/ s "Donau" okapnicou a s presadenou zasklievacou lištou,
D/ s "Donau" okapnicou a s odrezanou zasklievacou lištou.



Prevedenie:
Navárané HS platničky.
Priznané zámkové špáry R6/R3, R8/R4.
Vnútorné hrany zaoblené R1mm.
Upínací priemer 30 alebo 40mm.
Frézy sú 4–zubové.
Čapovacie a profilovacie frézy sú uložené na púzdrach s vymedzovacími krúžkami.
Dodržujú nulovú líniu výškovo aj priemerovo.
Čapovacie kotúče majú vyrobené obmedzovače triesky (ručný posuv).
2 1/2 čap krídla.
Čapovacie kotúče prečapujú do hĺbky 9cm.
Odrezaná zasklievacia lišta sa frézuje zároveň s vnútorným profilom krídla.
Presadená lišta sa frézuje z hranola pred profilovaním /4 ks z vonkajšieho krídla + 3ks z vnútorného rámu/.

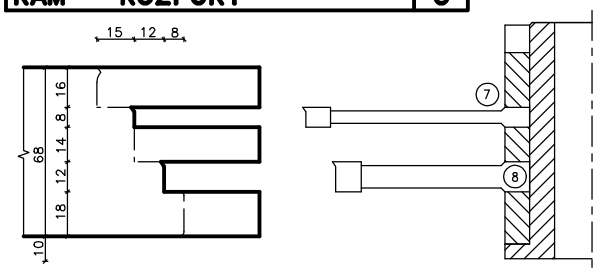


ODREZANÁ ZASKLIEVACIA LIŠTA

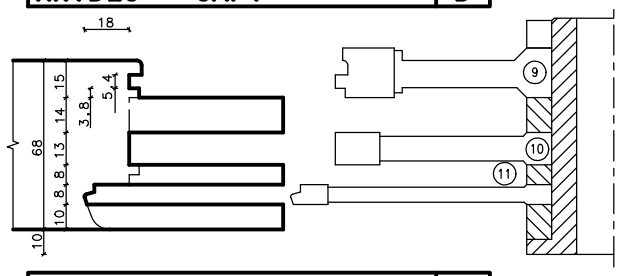


EURO 68 – SOFTLINE

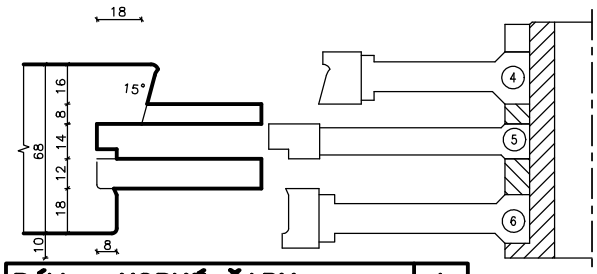
RÁM – ROZPORY | C



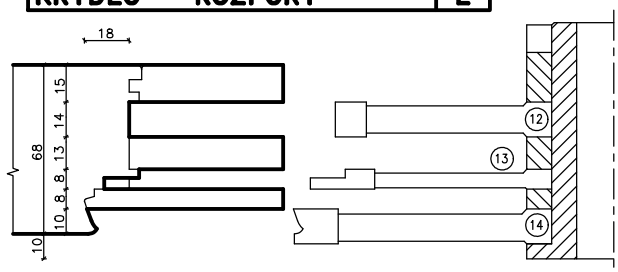
KRÍDLO – ČAPY | D



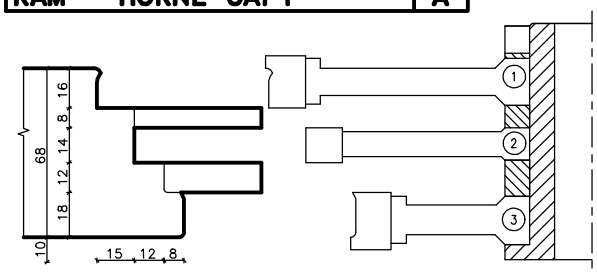
RÁM – SPODNÉ ČAPY | B



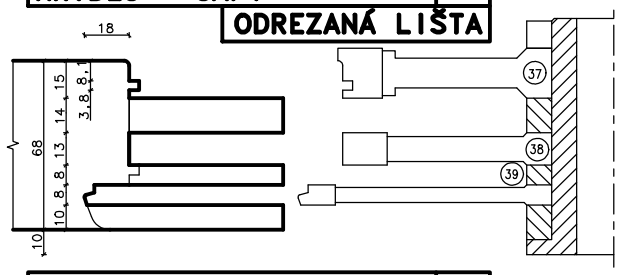
KRÍDLO – ROZPORY | E



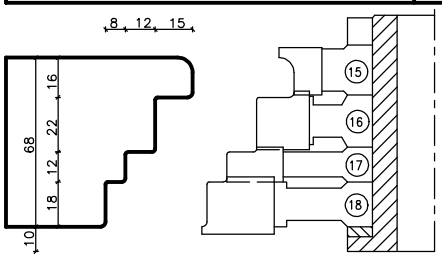
RÁM – HORNÉ ČAPY | A



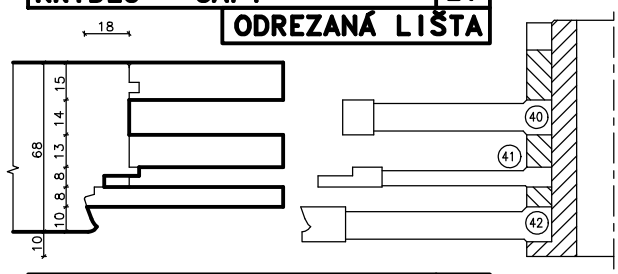
KRÍDLO – ČAPY | D1
ODREZANÁ LIŠTA



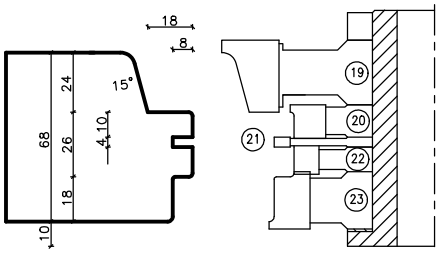
RÁM – VNÚTORNÝ PROFIL | F



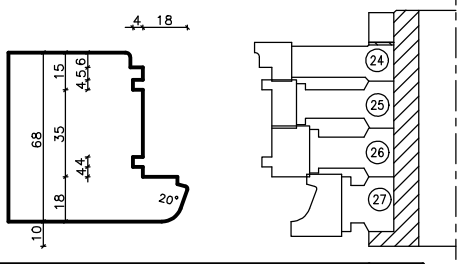
KRÍDLO – ČAPY | E1
ODREZANÁ LIŠTA



RÁM – SPODNÝ PROFIL | G



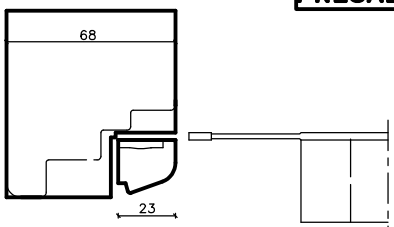
KRÍDLO–VNÚTORNÝ PROFIL | H



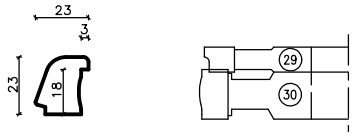
KRÍDLO – PROFILOVANIE PRESADENEJ LIŠTY | I

EURO 68 – SOFTLINE

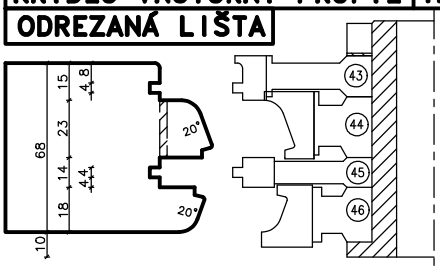
KRÍDLO – VYPÍLENIE LIŠTY | **J**
PRESADENÁ LIŠTA



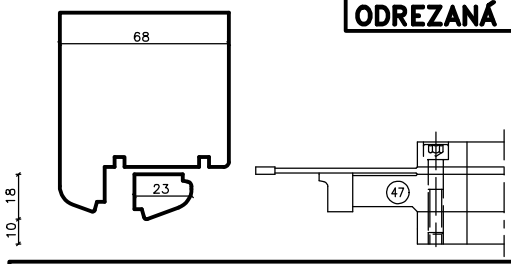
PROFILOVANIE LIŠTY | **K**
PRESADENÁ LIŠTA



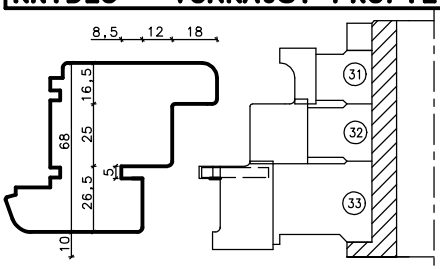
KRÍDLO–VNÚTORNÝ PROFIL | **H1**
ODREZANÁ LIŠTA



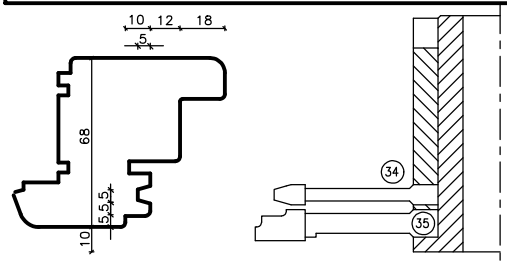
KRÍDLO – VYPÍLENIE LIŠTY | **I1**
ODREZANÁ LIŠTA



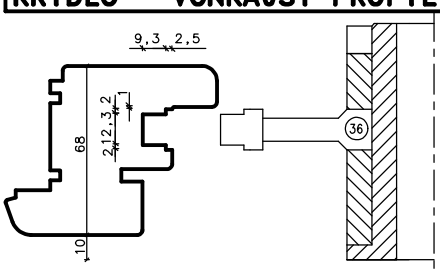
KRÍDLO – VONKAJŠÍ PROFIL | **L**



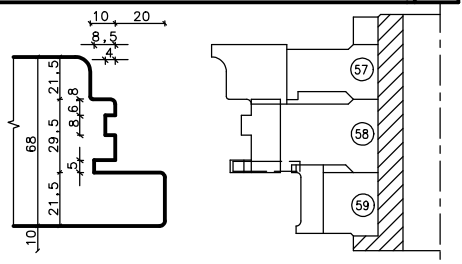
KRÍDLO–VONKAJŠÍ SPODNÝ PROFIL | **M**



KRÍDLO – VONKAJŠÍ PROFIL | **N**



PROFIL DVOJKRÍDLOVÉHO OKNA | **O**



OKAPNICA:
BUG R ITR) 12.22.42K
R ITR) 12.22.46K
TOR 22XXL
NECKAR 22/30F–TXL

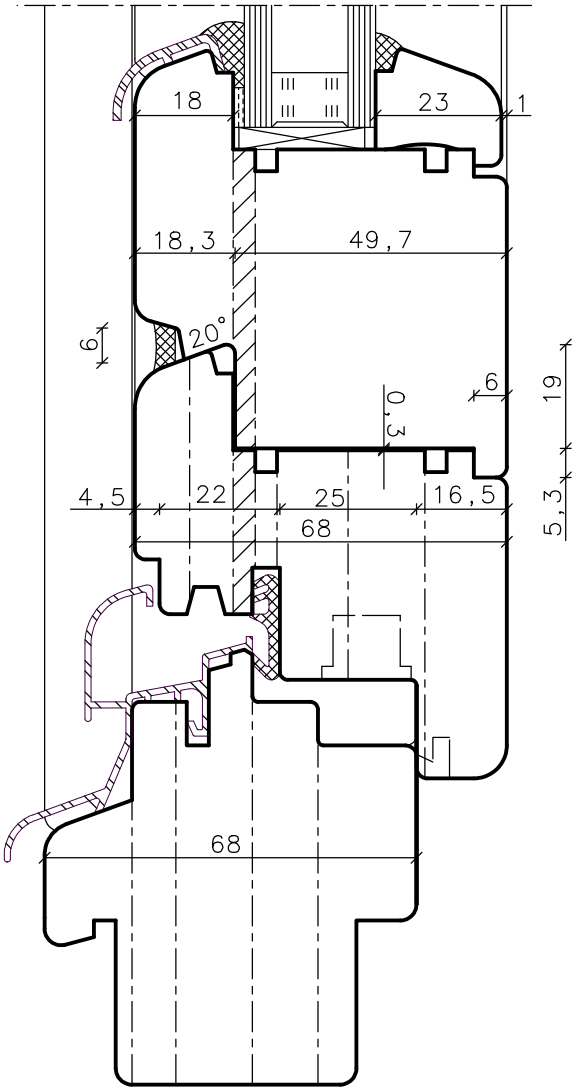
TESNENIE:
DEVENTER S 6512a
S 6600c
VARIO SV 125

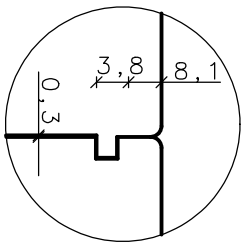
KRÍDLOVÁ OKAPNICA:
GUTTMANN: FP 94 334
OK – UNI

EURO 68 – SOFTLINE – DOPLNKY

KRÍDLO – ZDVOJENÝ VLYS

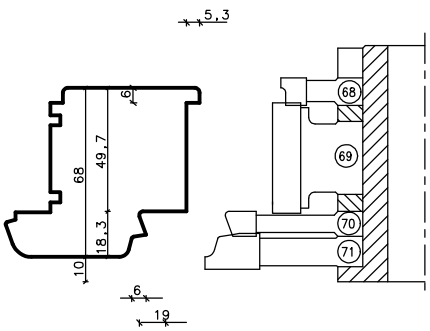
Sada slúži na výrobu balkónových okien. Dodržuje nulové línie s EURO 68 – Softline.



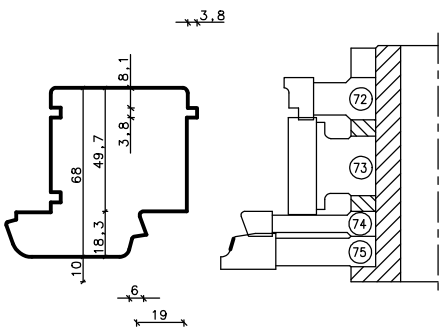


ODREZANÁ ZASKLIEVACIA LIŠTA

KRÍDLO – ZDOJENÝ VLYS | S
PRESADENÁ LIŠTA



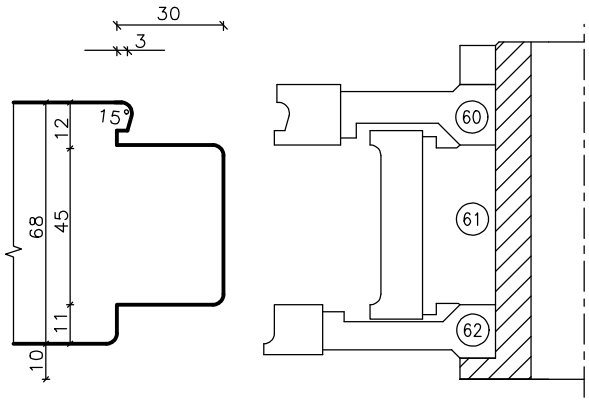
KRÍDLO – ZDVOJENÝ VLYS | T
ODREZANÁ LIŠTA



EURO 68 – SOFTLINE – DOPLNKY

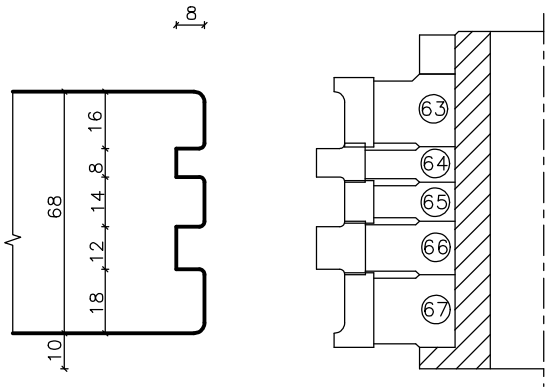
SPODNÝ RÁM – PARAPETNÝ PLECH A PARAPET

P



VONKAJŠÍ RÁM – ZAPENOVANIE

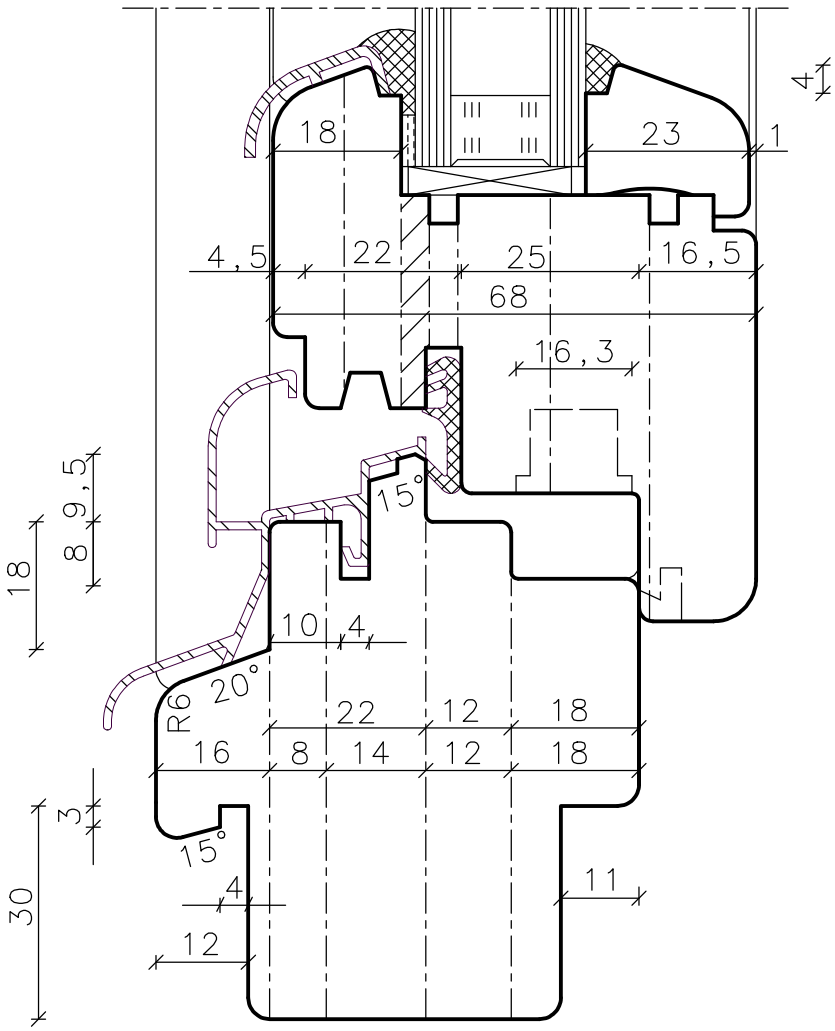
R

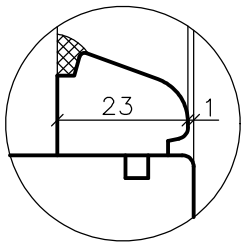


EURO 68 – SOFTLINE–"DONAU"

NAVÁRANÉ

Použitie: Pri Eurookne typu DONAU dosadá tesnenie spodnej časti rámu prevažne na drevo. Zabraňuje sa tým primrznutiu tesnenia k okapnici. Od štandartných nástrojov na Eurookná sa sada líši len Spodným profilom rámu a Spodnými čapmi rámu. Ostatné sady ostávajú rovnaké.
Prevedenie: Rovnaké ako pri profilovacích sadách EURO68–Softline navárané. Dodržuje s nimi nulové línie.



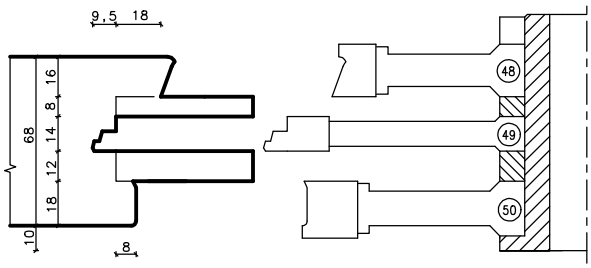


ODREZANÁ ZASKLIEVACIA LIŠTA

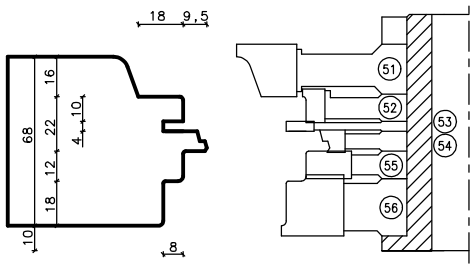
OKAPNICA:
GUTMANN DONAU 22/20 F
DONAU 22/24F

TESNENIE:
DEVENTER S6512A
VARIO SV125

RÁM – SPODNÉ ČAPY "DONAU" | **B1**



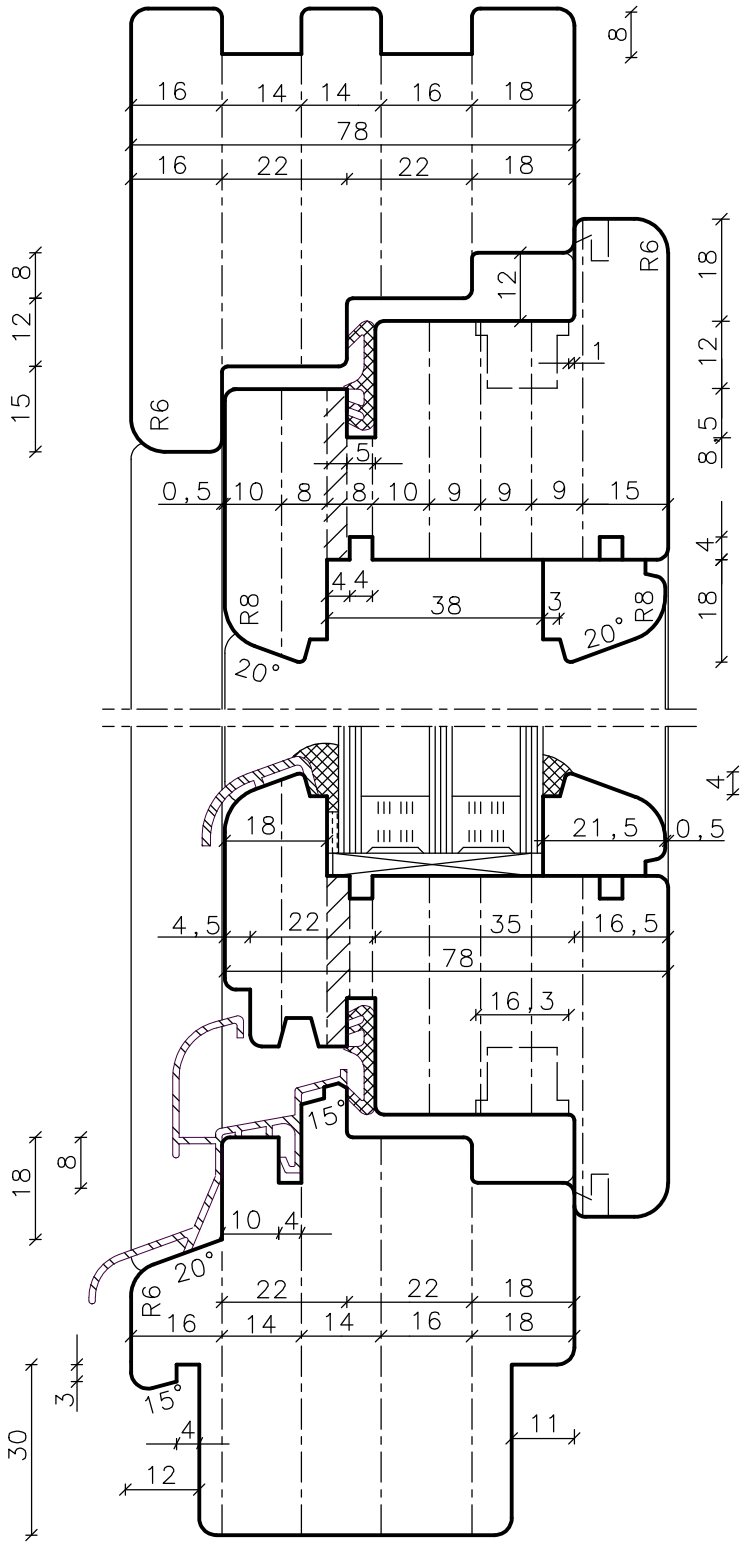
RÁM – VNÚTORNÝ PROFIL "DONAU" | **G1**



EURO 78 – SOFTLINE

NAVÁRANÉ

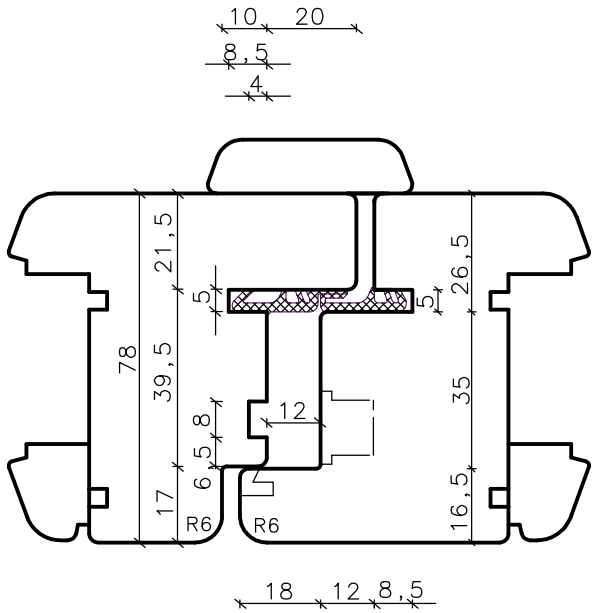
Použitie: Je určené do náročných klimatických podmienok. Vzhľadom k väčšiemu prierezu dreva ľahšie unesie izolačné trojsklo, pre ktoré je EURO 78 určené.



Prevedenie:
Navárané HS platničky.
Priznané zámkové špáry R6/R3, R8/R4.
Vnútorné hrany zaoblené R1mm.
Upínací priemer 30 alebo 40mm.
Frézy sú 4–zubové.
Čapovacie a profilovacie frézy sú uložené na púzdrach s vymedzovacími krúžkami.
Dodržujú nulovú líniu výškovo aj priemerovo.
Čapovacie kotúče majú vyrobené obmedzovače triesky (ručný posuv).
Čapovacie kotúče prečapujú do hĺbky 9cm.

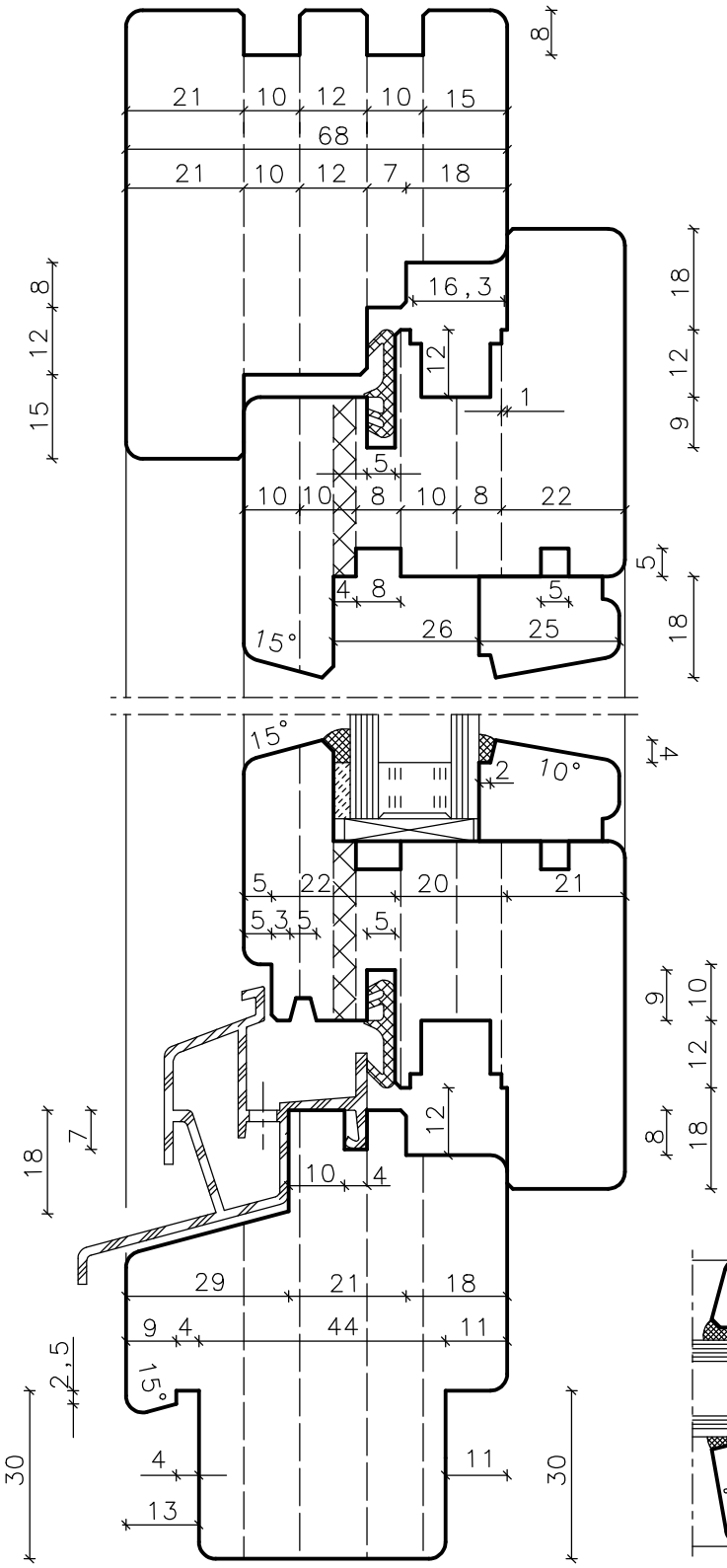
OKAPNICA:
Guttmann Donau 22/24 F–T1

TESNENIE:
Deventer S6512
Deventer S6600C



EURO 68 – D

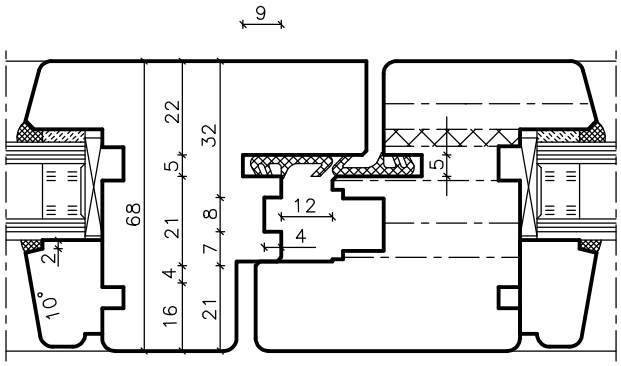
ŽILETKOVÉ



Prevedenie:
Upínané tvrdokovové HW platničky.
Priznané špáry R 3mm.
Vnútorné hrany zrazené 1x450.
Upínací priemer 30–50 mm.
Frézy 2–zubové.
Čapovacie a profilovacie frézy sú uložené na púzdrach s vymedzovacími krúžkami.
Dodržujú nulovú líniu výškovo aj priemerovo.
Všetky sady sú skompletované bez potreby prehadzovania nástrojov.
V sade je aj vypílenie zasklievacej lišty.
Čapovacie kotúče prečapujú do hĺbky 11cm.
Systém upnutia umožňuje výmenu nožov u väčšiny nástrojov bez demontáže.

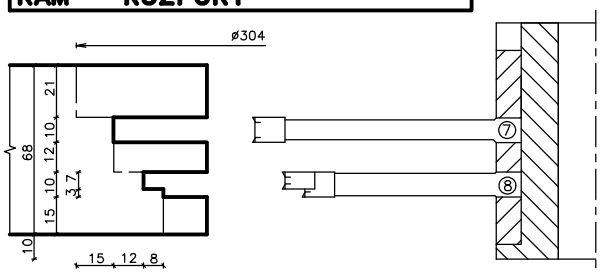
OKAPNICA:
BUG R ITR) 12.22.42K
R ITR) 12.22.46K

TESNENIE:
DEVENTER S6512A
VARIO SV125

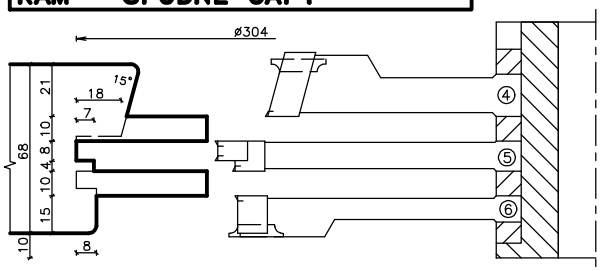


EURO 68 – D

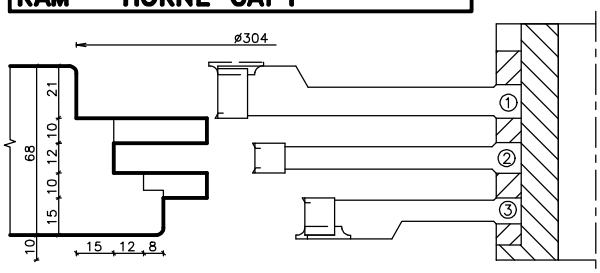
RÁM – ROZPORY



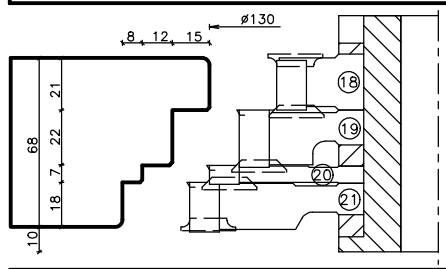
RÁM – SPODNÉ ČAPY



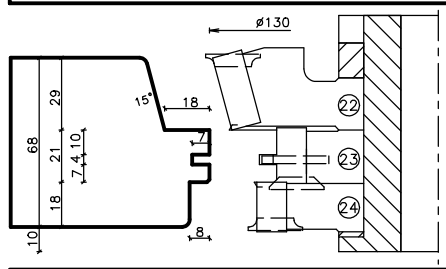
RÁM – HORNÉ ČAPY



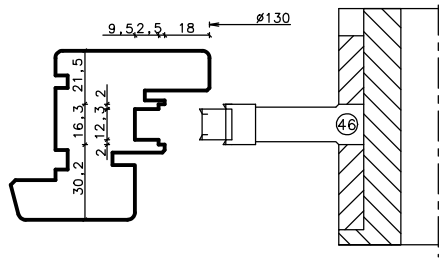
RÁM – VNÚTORNÝ PROFIL



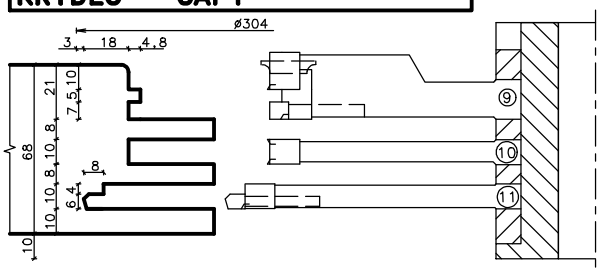
RÁM – SPODNÝ PROFIL



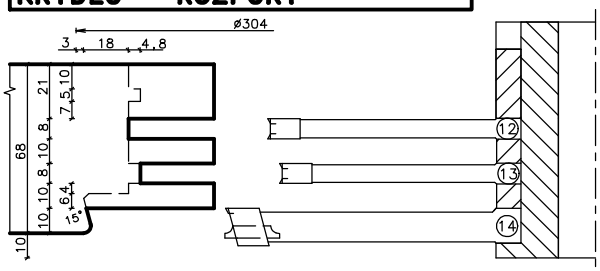
KRÍDLO – DRÁŽKA PRE KOVANIE



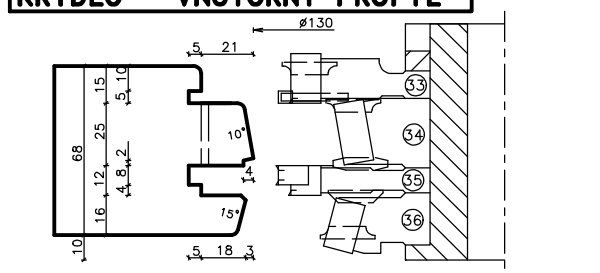
KRÍDLO – ČAPY



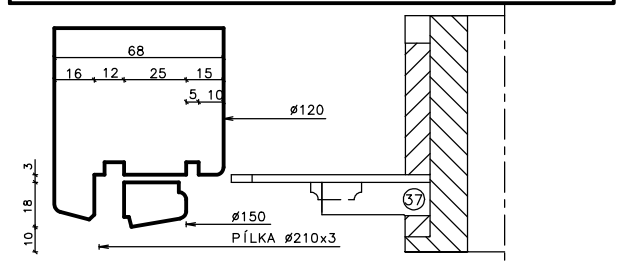
KRÍDLO – ROZPORY



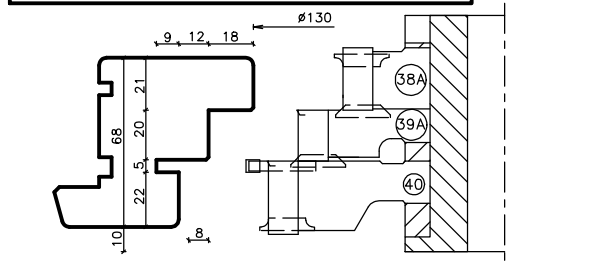
KRÍDLO – VNÚTORNÝ PROFIL



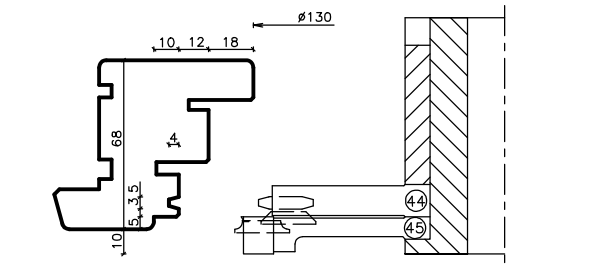
KRÍDLO – VYPÍLENIE LIŠTY



KRÍDLO – VONKAJŠÍ PROFIL



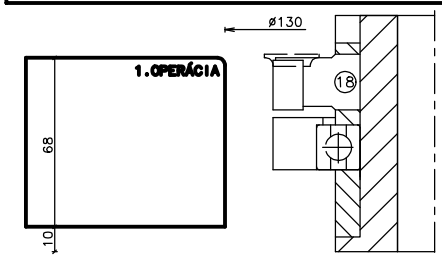
KRÍDLO – VYBRANIE PRE OKAPNICU



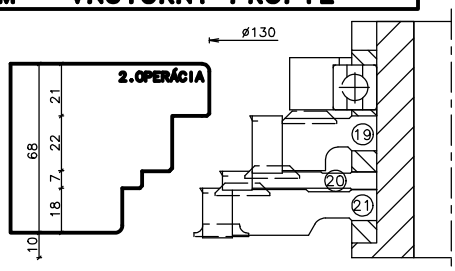
EURO 68 - D - DOPLNKY

DOPLNOK PRE OBLÚKOVÉ OKNÁ

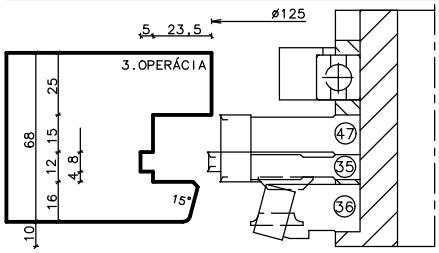
RÁM a VONKAJŠÍ PROFIL KRÍDLA



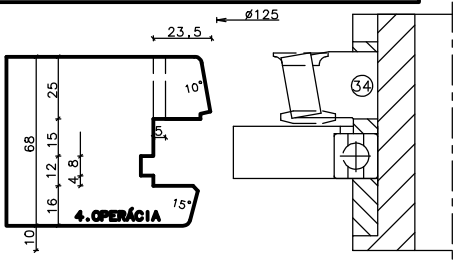
RÁM - VNÚTORNÝ PROFIL



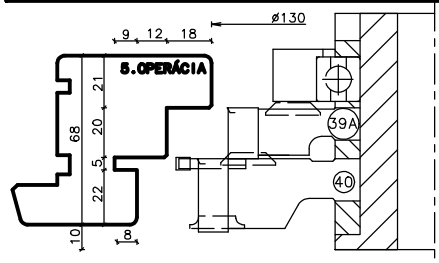
KRÍDLO - VNÚTORNÝ PROFIL



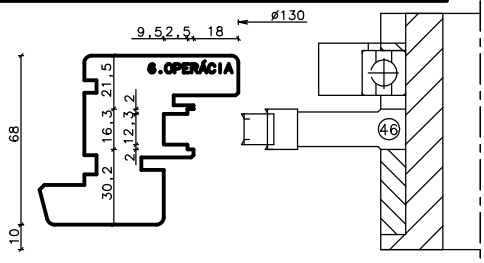
KRÍDLO - VNÚTORNÝ PROFIL



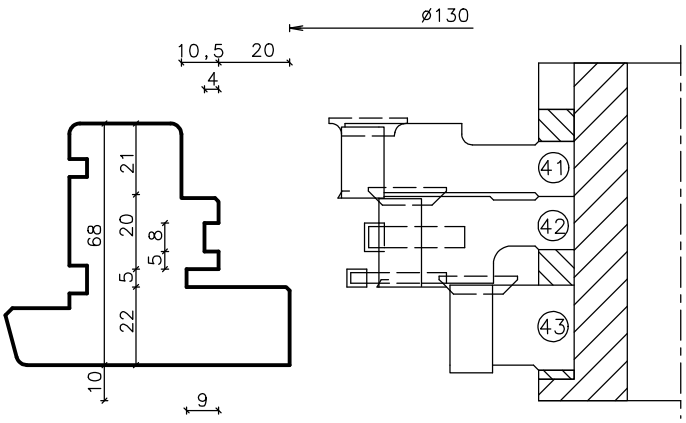
KRÍDLO - VONKAJŠÍ PROFIL



KRÍDLO - VONKAJŠÍ PROFIL



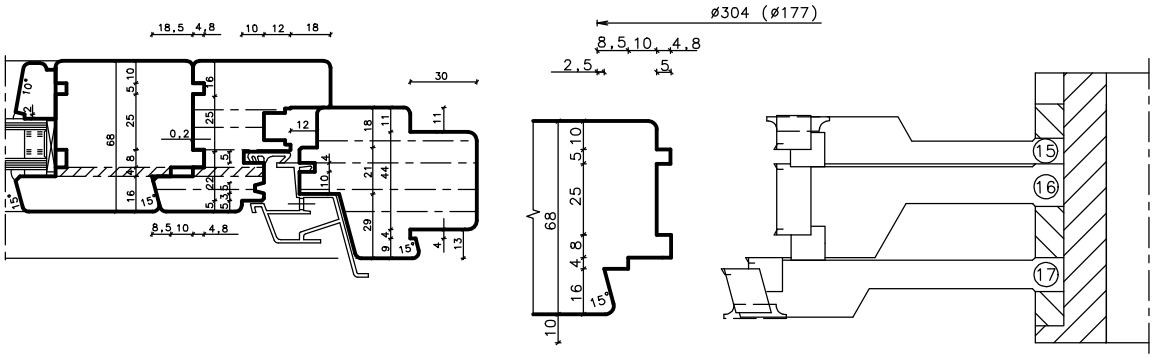
PROFIL DVOJKRÍDLOVÉHO OKNA



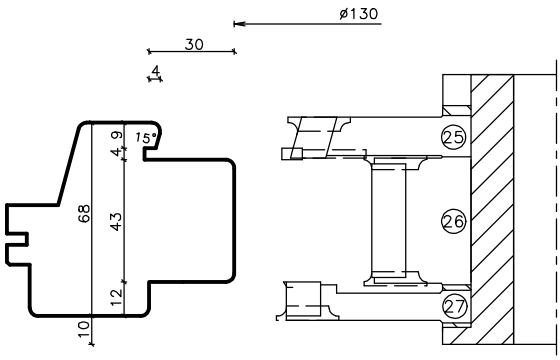
EURO 68 – D – DOPLNKY

KRÍDLO – ZDVOJENÝ VLYS

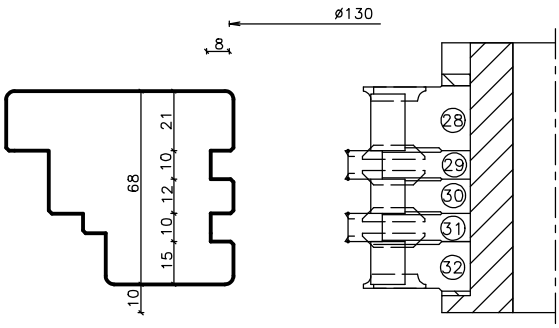
Prevedenie: je rovnaké ako pri profilovacích sadách EURO 68
Dodržuje s nimi nulové línie.
Použitie: je pri výrobe balkónových dverí, stĺpikov.



SPODNÝ RÁM – PARAPETNÝ PLECH A PARAPET

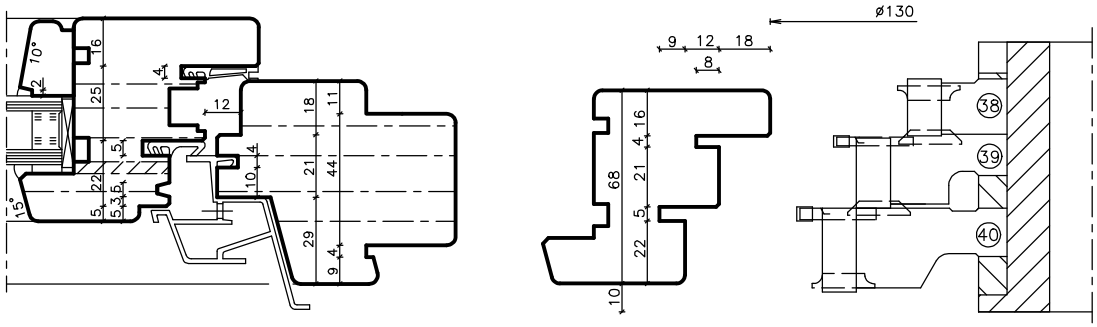


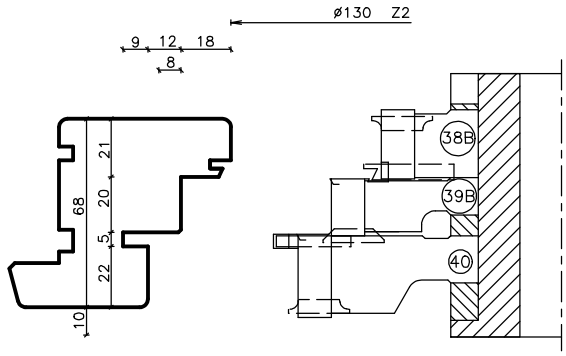
VONKAJŠÍ RÁM – ZAPENOVANIE



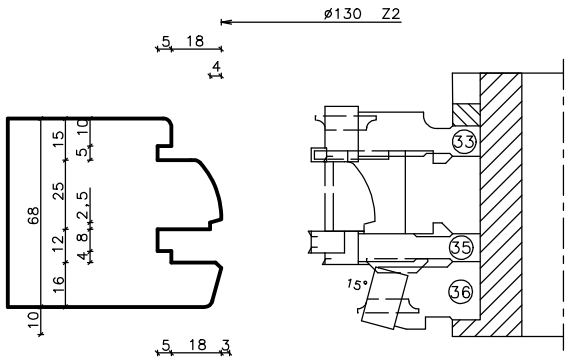
EURO 68 – D – DOPLNOK

PROFIL KRÍDLA PRE DRUHÉ TESNENIE





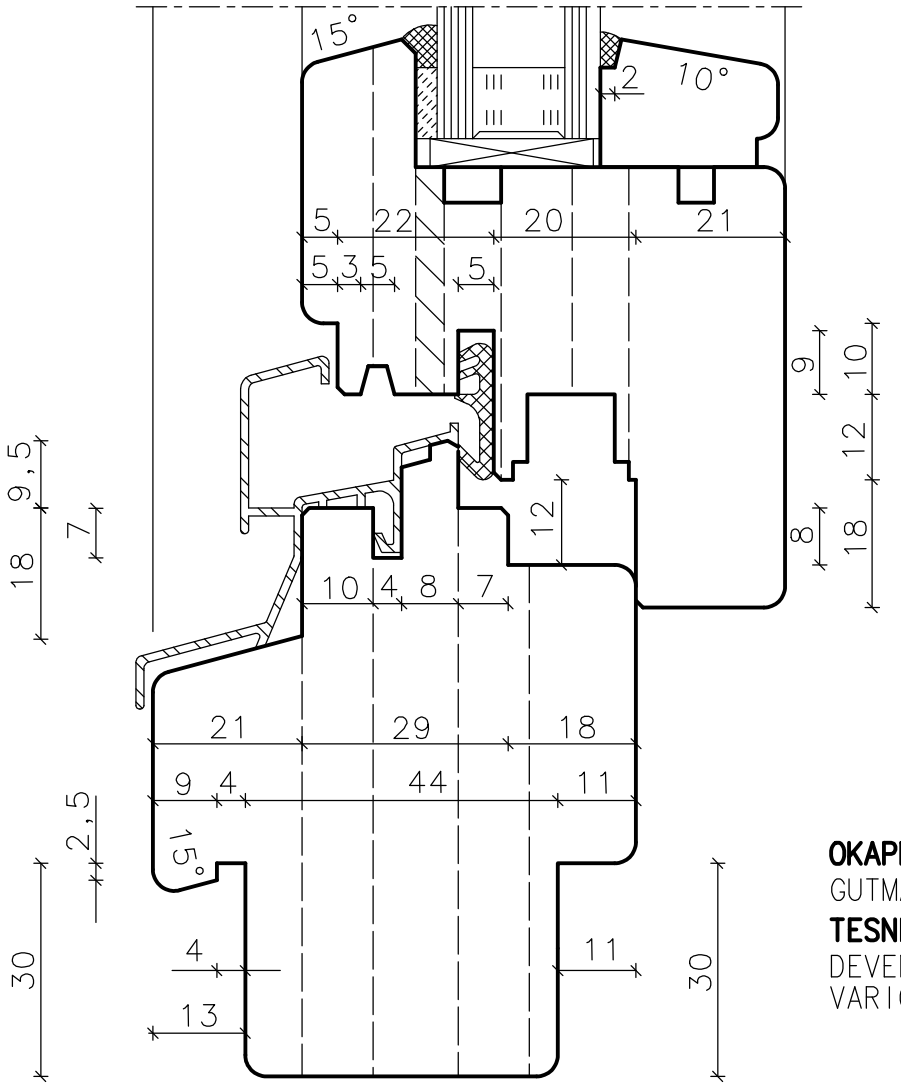
PROFILOVANIE VNÚTORNÉHO PROFILU KRÍDLA



EURO 68 – D – "DONAU"

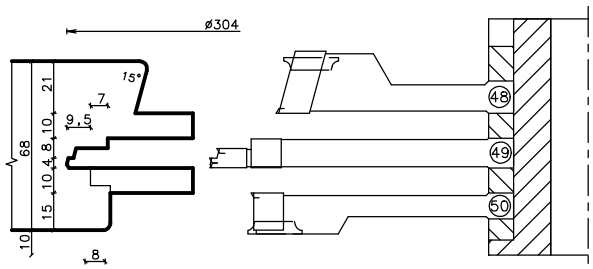
ŽILETKOVÉ

Použitie: Pri Eurookne typu DONAU dosadá tesnenie spodnej časti rámu prevažne na drevo. Zabraňuje sa tým primrznutiu tesnenia k okapnici. Od štandartných nástrojov na Eurookná sa sada líši len Spodným profilom rámu a Spodnými čapmi rámu. Ostatné sady ostávajú rovnaké.
Prevedenie: Rovnaké ako pri profilovacích sadách EURO68 – žiletkové. Dodržuje s nimi nulové línie.

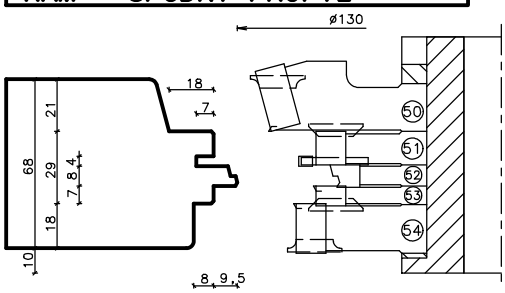


OKAPNICA:
GUTMANN DONAU 22/24F
TESNENIE:
DEVENTER S6512A
VARIO SV125

RÁM – SPODNÉ ČAPY

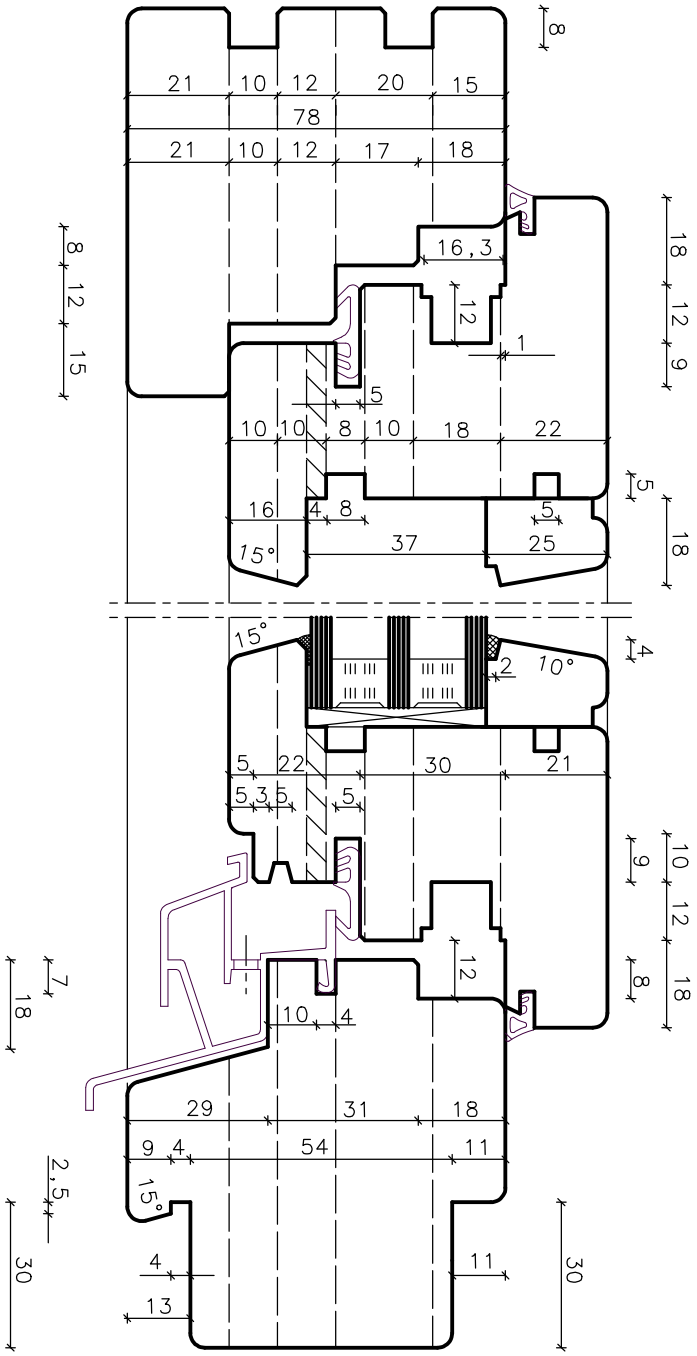


RÁM – SPODNÝ PROFIL



Rozšírenie EURO 68 D
na EURO 78 D
ŽILETKOVÉ

Použitie: Doplnením nástrojov ku sade EURO 68 D je možné vyrábať aj eurookná so stavebnou hĺbkou 78mm a izolačným trojsklom.



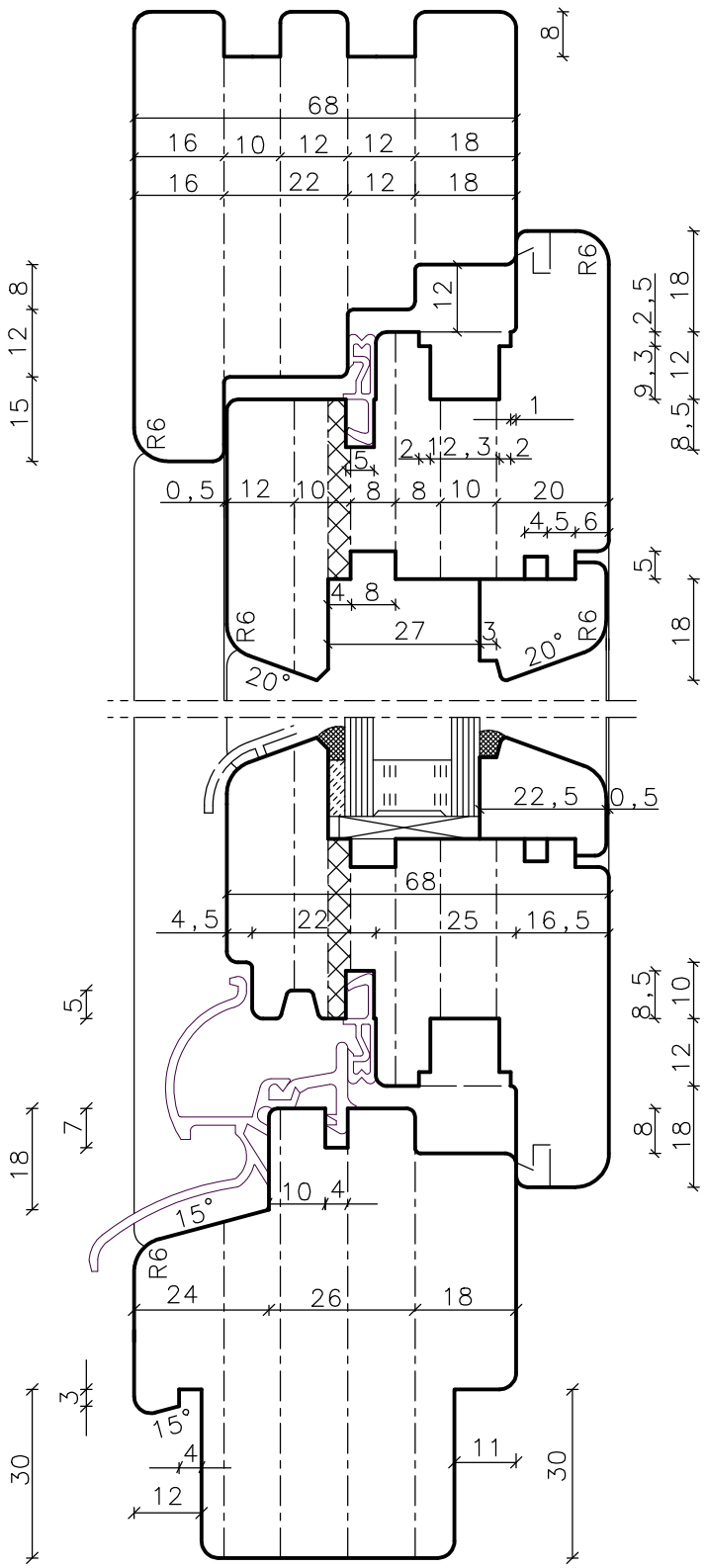
Sada obsahuje:
- 2 čapovacie frézy
- 5 profilovacích fréz
- medzikrúžky
- 11 púzdier na výšku 78mm

V prípade Vašej budúcej požiadavky vyrábať okná so stavebnou hĺbkou 88mm Vám odporúčame hneď vybaviť Vašu sadu vyššími púzdrami, ktoré použijete pre EURO 68, 78 aj 88.

EURO 68 – SOFTLINE

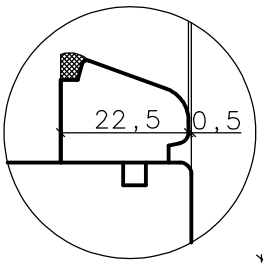
ŽILETKOVÉ

Použitie: Euro 68 – SOFTLINE vyrábame v štyroch prevedeniach:
A/ s klasickou okapnicou a s presadenou zasklievacou lištou,
B/ s klasickou okapnicou a s odrezanou zasklievacou lištou,
C/ s "Donau" okapnicou a s presadenou zasklievacou lištou,
D/ s "Donau" okapnicou a s odrezanou zasklievacou lištou.

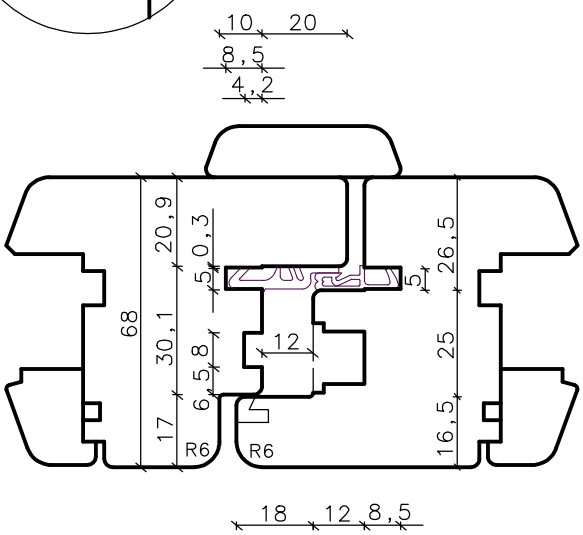


Prevedenie:

Upínané tvrdokovové HW platničky.
Priznané zámkové špáry R6/R3.
Vnútorné hrany zaoblené R1mm.
Upínací priemer 30–60 mm.
Čapovacie frézy 3–zubové.
Profilovacie frézy 2–zubové.
Čapovacie a profilovacie frézy sú uložené na púzdrach s vymedzovacími krúžkami.
Dodržujú nulovú líniu výškovo aj priemerovo.
Všetky sady sú skompletované bez potreby prehadzovania nástrojov.
2 1/2 čap krídla.
Čapovacie kotúče prečapujú do hĺbky 11cm.
Odrezaná zasklievacia lišta sa frézuje zároveň s vnútorným profilom krídla.
Presadená lišta sa frézuje z hranola pred profilovaním /4 ks z vonkajšieho krídla + 3ks z vnútorného rámu/.

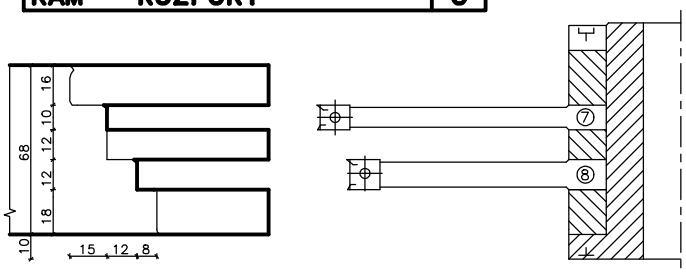


ODREZANÁ ZASKLIEVACIA LIŠTA

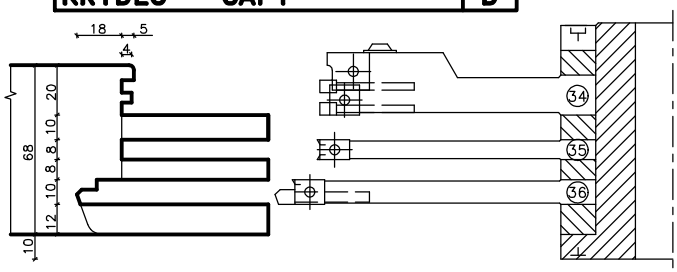


EURO 68 – "SOFTLINE"

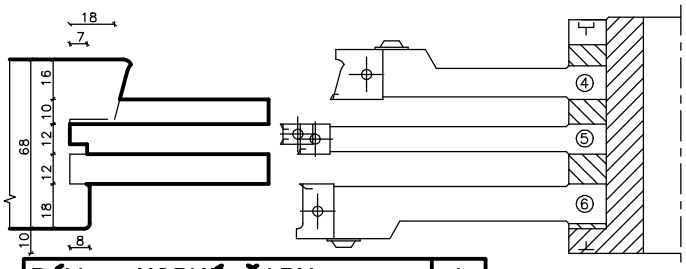
RÁM – ROZPORY | C



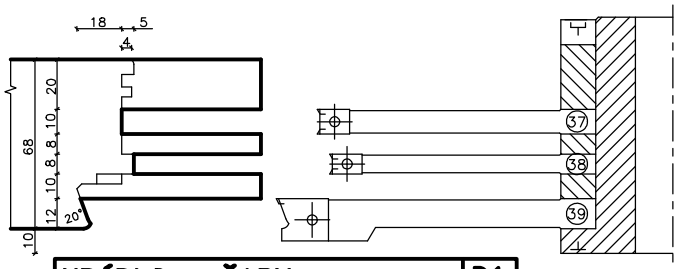
KRÍDLO – ČAPY | D



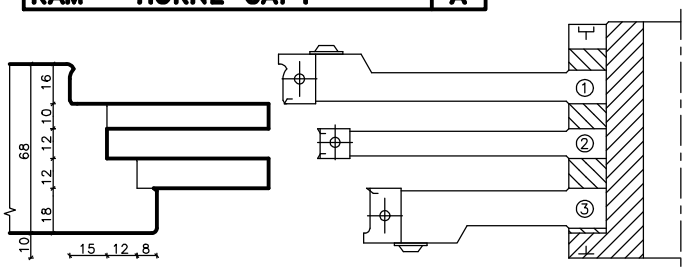
RÁM – SPODNÉ ČAPY | B



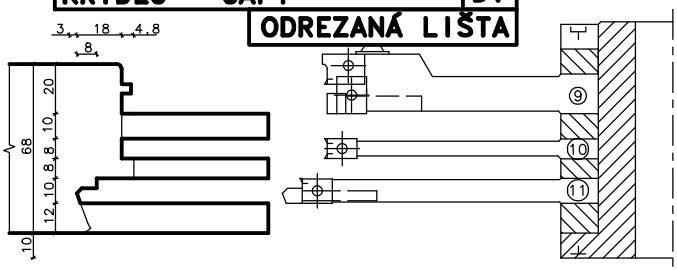
KRÍDLO – ROZPORY | E



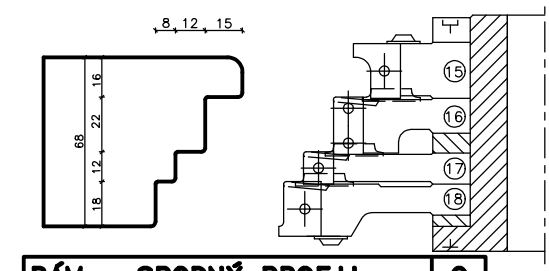
RÁM – HORNÉ ČAPY | A



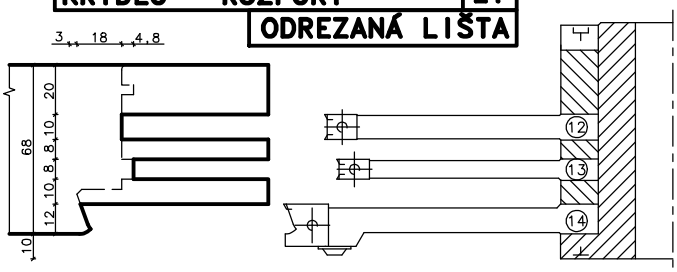
KRÍDLO – ČAPY | D1
ODREZANÁ LIŠTA



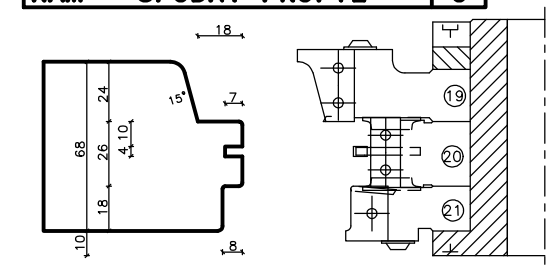
RÁM – VNÚTORNÝ PROFIL | F



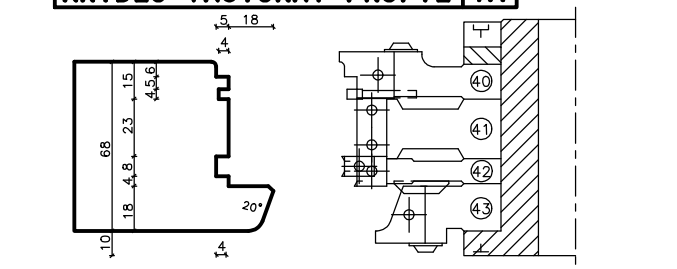
KRÍDLO – ROZPORY | E1
ODREZANÁ LIŠTA



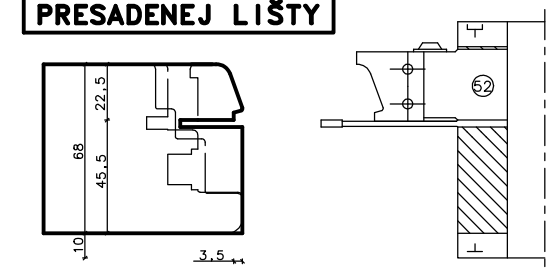
RÁM – SPODNÝ PROFIL | G



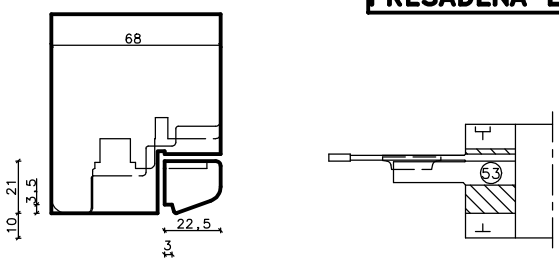
KRÍDLO–VNÚTORNÝ PROFIL | H1



KRÍDLO – PROFILOVANIE PRESADENEJ LIŠTY | I1

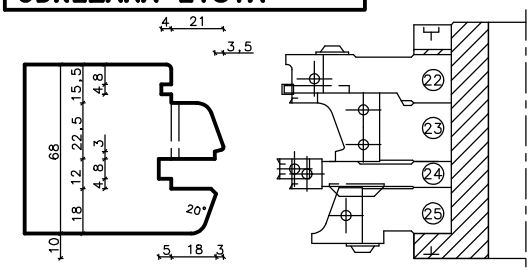


KRÍDLO – VYPÍLENIE LIŠTY PRESADENÁ LIŠTA | I2

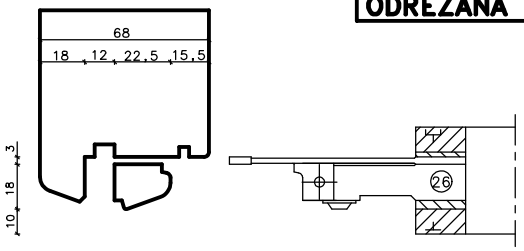


EURO 68 – "SOFTLINE"

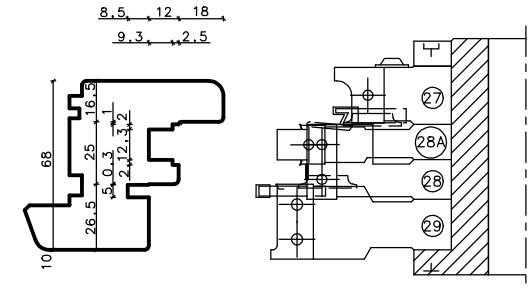
KRÍDLO–VNÚTORNÝ PROFIL | H
ODREZANÁ LIŠTA



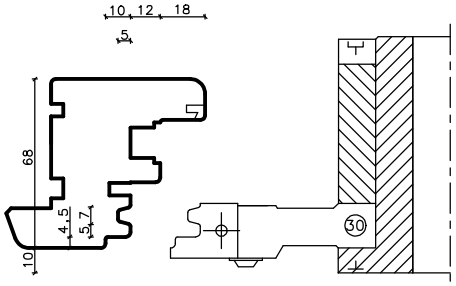
KRÍDLO – VYPÍLENIE LIŠTY | I
ODREZANÁ LIŠTA



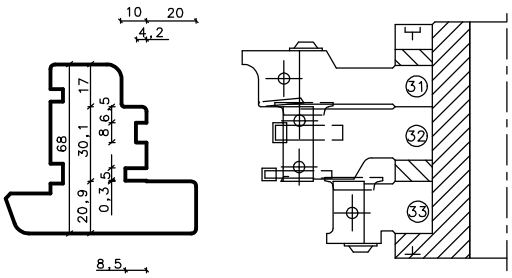
KRÍDLO – VONKAJŠÍ PROFIL | J



KRÍDLO–VONKAJŠÍ SPODNÝ PROFIL | K



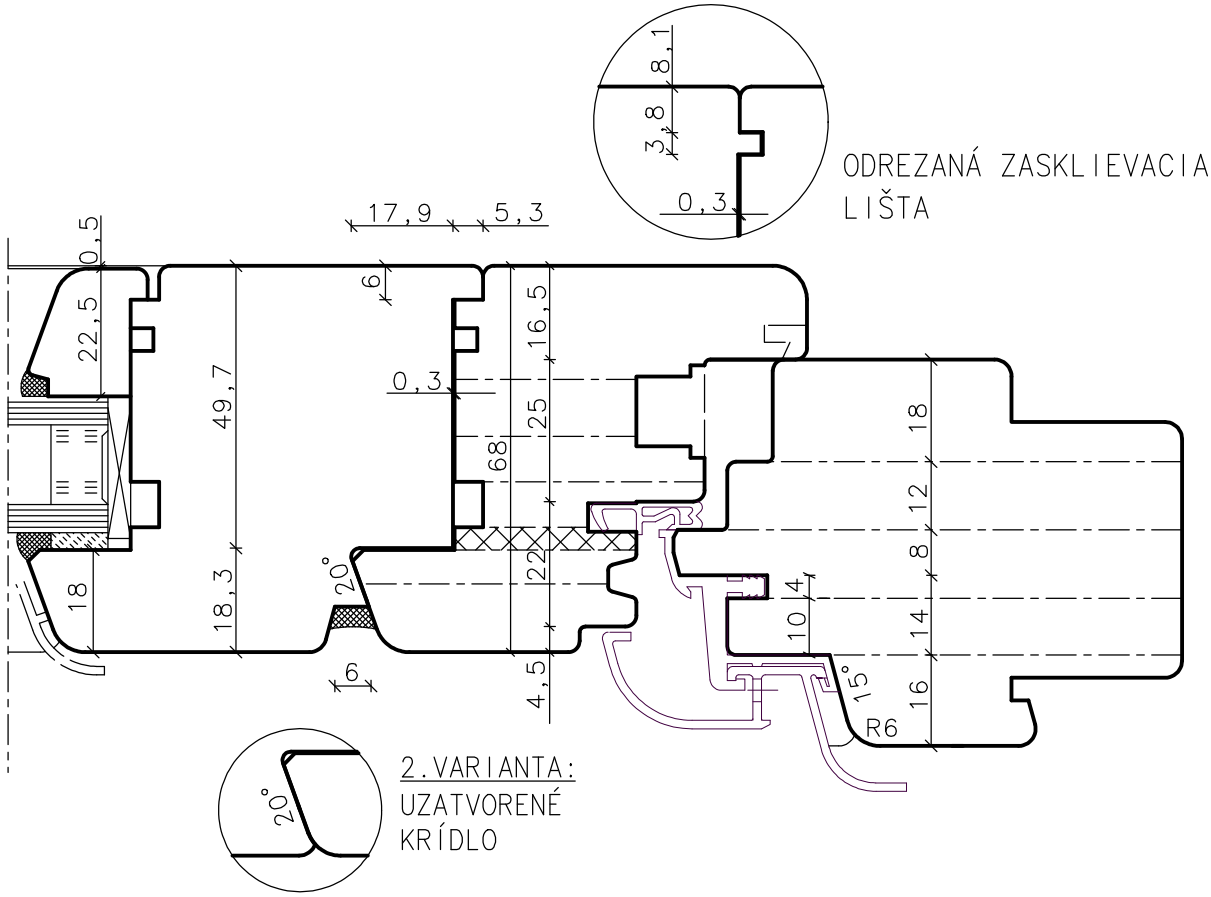
PROFIL DVOJKRÍDLOVÉHO OKNA | L



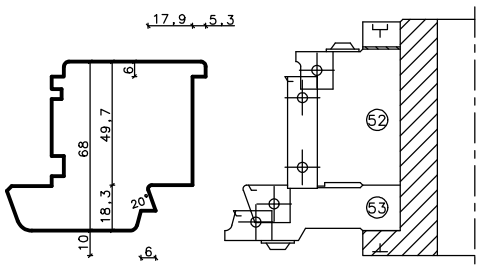
EURO 68–SOFTLINE–DOPLNKY

KRÍDLO – ZDVOJENÝ VLYS | ŽILETKOVÉ

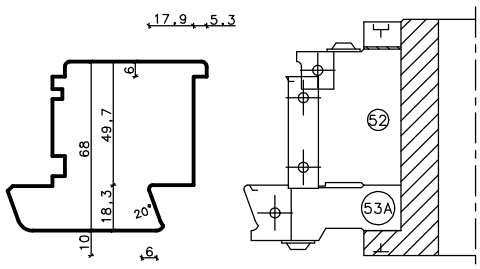
Sada slúži na výrobu balkónových okien. Dodržuje nulové línie s EURO 68–Softline žiletkové.



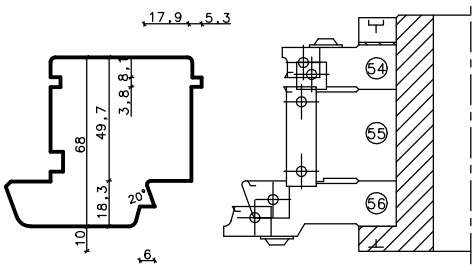
KRÍDLO – ZDOJENÝ VLYS | O
PRESADENÁ LIŠTA



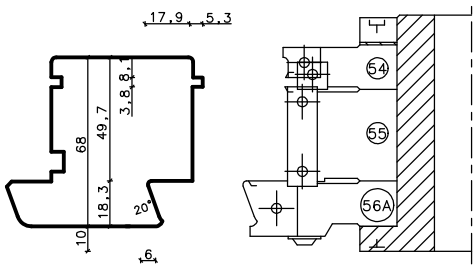
KRÍDLO – ZDVOJENÝ VLYS | O1
PRESADENÁ LIŠTA–2.VARIANTA



KRÍDLO – ZDOJENÝ VLYS | P
ODREZANÁ LIŠTA



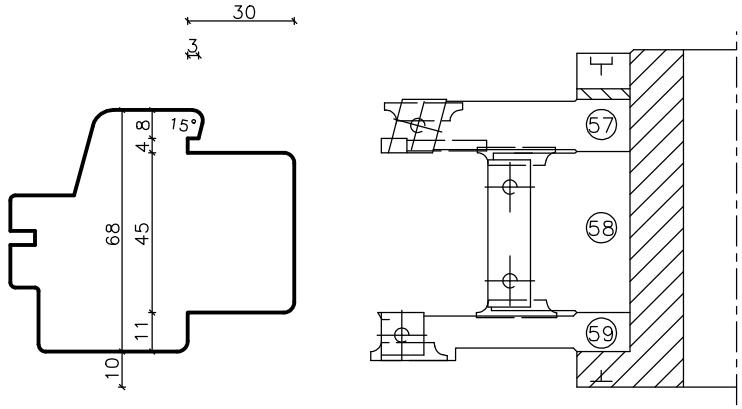
KRÍDLO – ZDVOJENÝ VLYS | P1
ODREZANÁ LIŠTA–2.VARIANTA



EURO 68–SOFTLINE–DOPLNKY

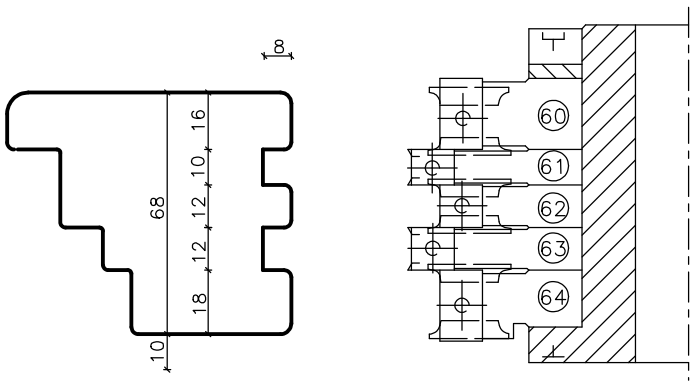
SPODNÝ RÁM – PARAPETNÝ PLECH A PARAPET

R



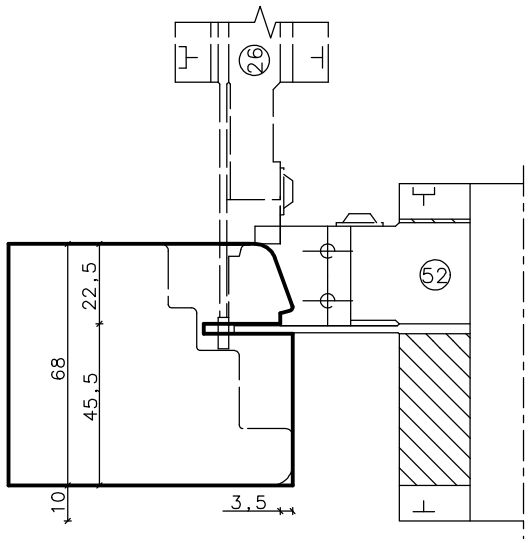
VONKAJŠÍ RÁM – ZAPENOVANIE

S



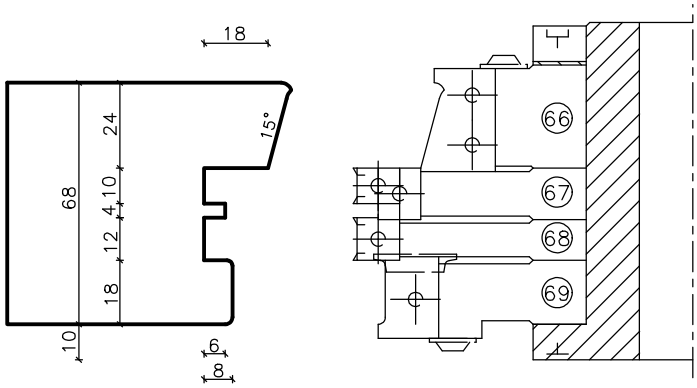
SADA NA NÁHRADNÚ ZASKLIEVACIU LIŠTU

T

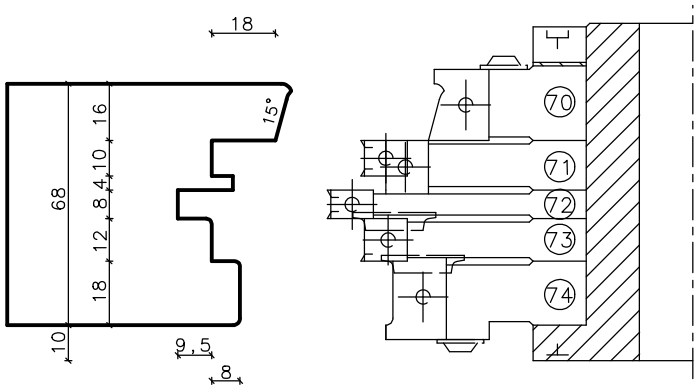


EURO 68–SOFTLINE–DOPLNKY

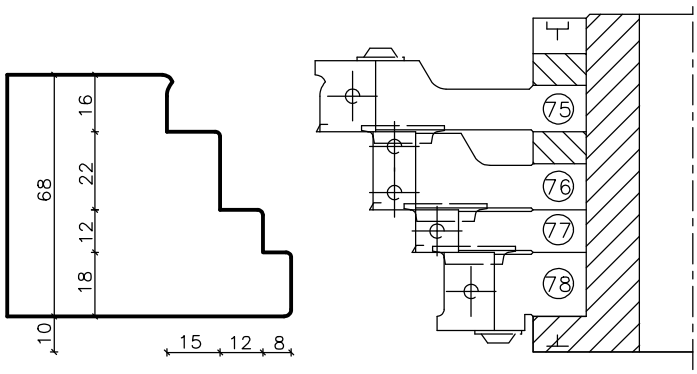
SPODNÝ KONTRAPROFIL RÁMU | U



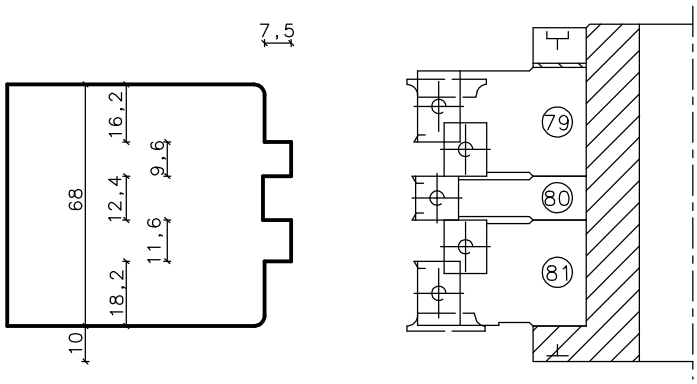
SPODNÝ KONTRAPROFIL RÁMU – "DONAU" | V



KONTRAPROFIL BOČNÉHO A HORNÉHO RÁMU | X

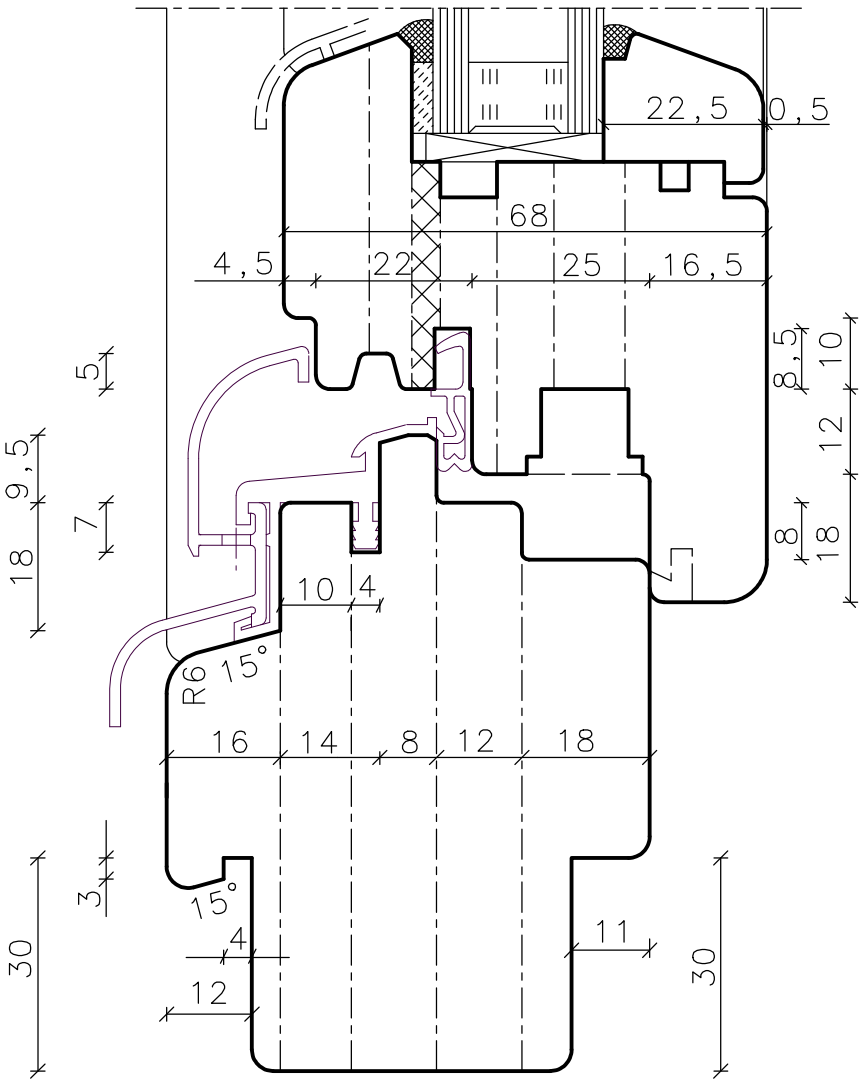


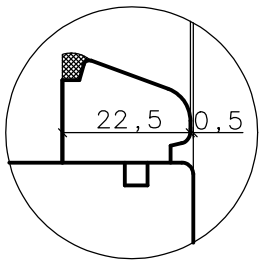
KONTRAPROFIL VONKAJŠIEHO RÁMU | Y



EURO 68 – SOFTLINE–"DONAU" ŽILETKOVÉ

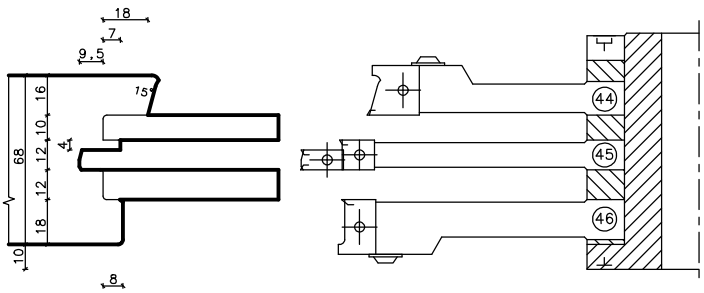
Použitie: Pri Eurookne typu DONAU dosadá tesnenie spodnej časti rámu prevažne na drevo. Zabraňuje sa tým primrznutiu tesnenia k okapnici. Od štandartných nástrojov na Eurookná sa sada líši len Spodným profilom rámu a Spodnými čapmi rámu. Ostatné sady ostávajú rovnaké.
Prevedenie: Rovnaké ako pri profilovacích sadách EURO68–Softline žiletkové. Dodržuje s nimi nulové línie.



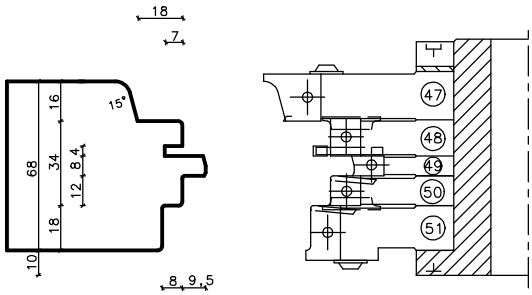


ODREZANÁ ZASKLIEVACIA LIŠTA

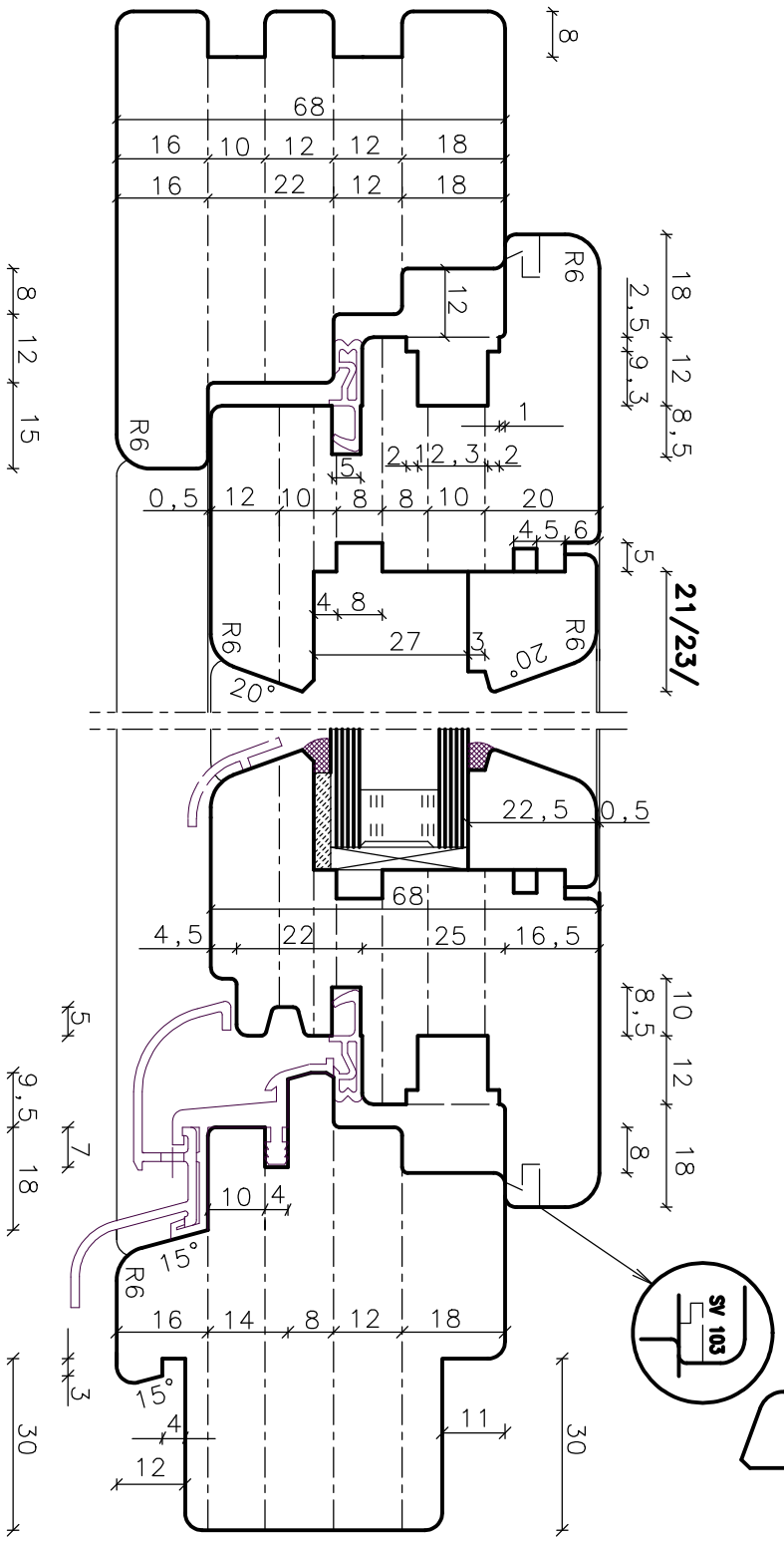
RÁM – SPODNÉ ČAPY "DONAU" | **M**



RÁM – SPODNÝ PROFIL "DONAU" | **N**

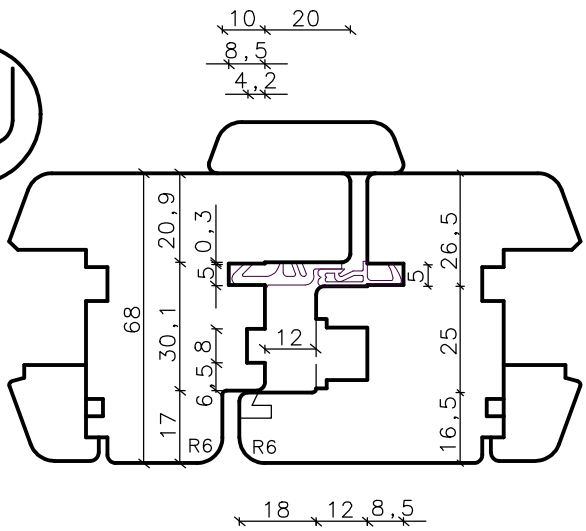


EURO 68 – SOFTLINE
ŽILETKOVÉ S VÝŠKOU ZASKL.21
23



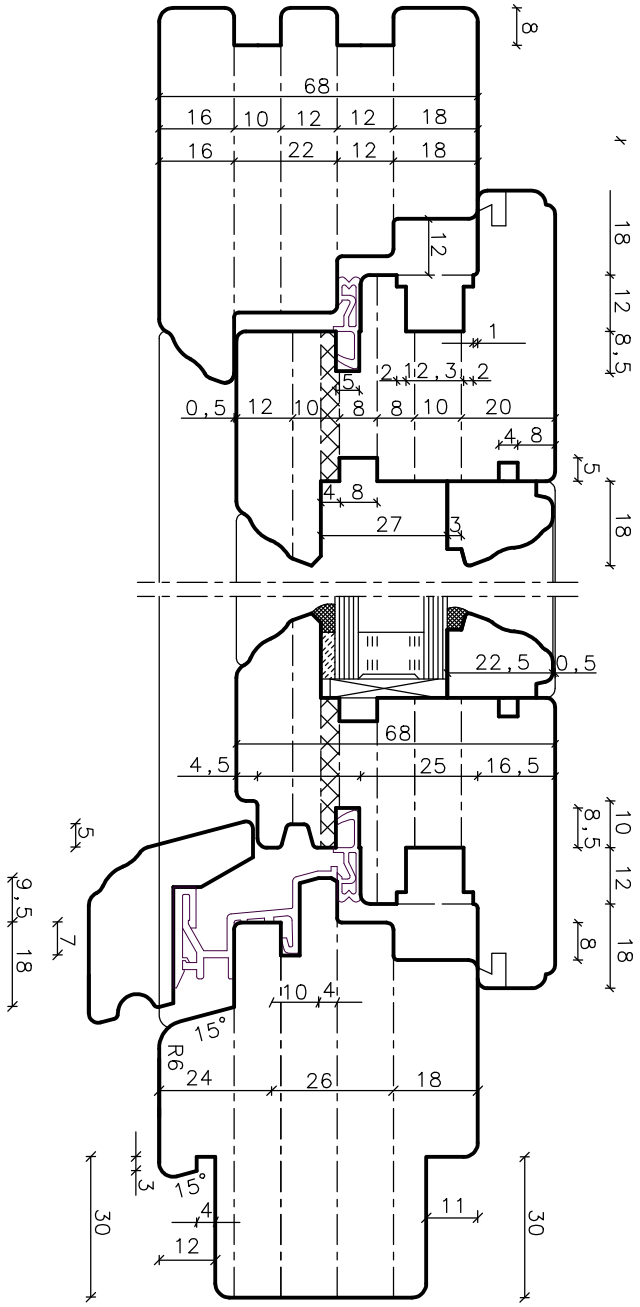
Prevedenie:

Upínané tvrdokovové HW platničky.
Priznané zámkové špáry R6/R3.
Vnútorné hrany zaoblené R1mm.
Upínací priemer 30–60 mm.
Čapovacie frézy 3–zubové.
Profilovacie frézy 2–zubové.
Čapovacie a profilovacie frézy sú uložené na púzdrach s vymedzovacími krúžkami.
Dodržujú nulovú líniu výškovo aj priemerovo.
Všetky sady sú skompletované bez potreby prehadzovania nástrojov.
2 1/2 čap krídla.
Čapovacie kotúče prečapujú do hĺbky 11cm.
Výška zasklenia 21/23/mm.

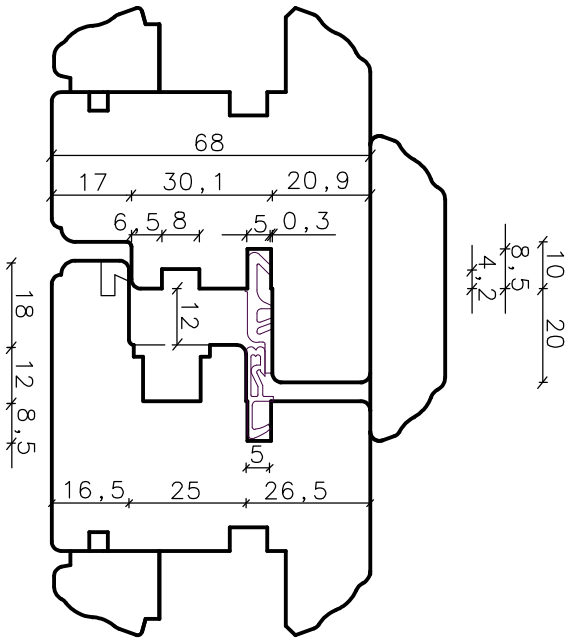


Rozšírenie EURO 68 SOFTLINE na EURO 78 RUSTIKAL ŽILETKOVÉ

Použitie: Doplnením nástrojov ku sade EURO 68 SOFTLINE je možné vyrábať eurookná s rustikálnym profilom.
Možnosť prevedenia presadená, alebo odrezaná zasklievacia lišta.

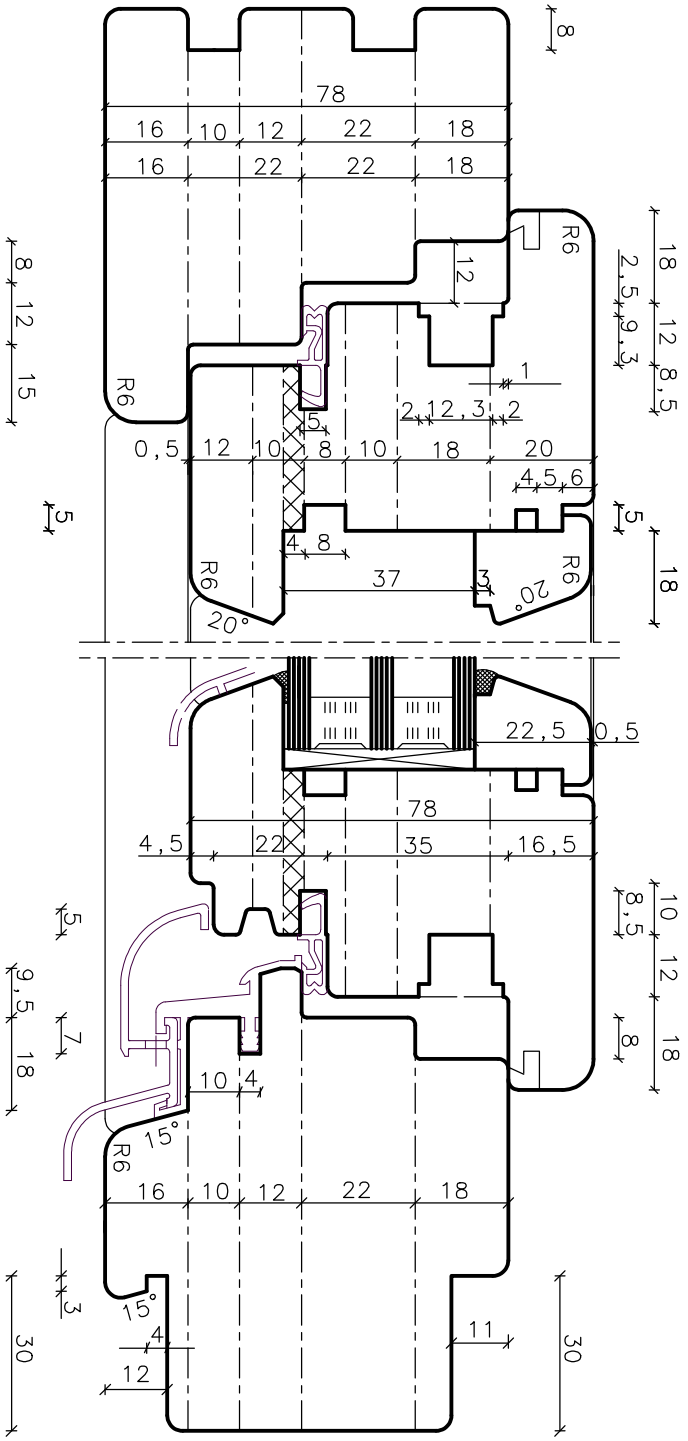


Sada obsahuje:
- 2 čapovacie frézy
- 5 profilovacích fréz



Rozšírenie EURO 68 SOFTLINE na EURO 78 SOFTLINE ŽILETKOVÉ

Použitie: Doplnením nástrojov ku sade EURO 68 SOFTLINE je možné vyrábať aj eurookná so stavebnou hĺbkou 78mm a izolačným trojsklom.



Sada obsahuje:

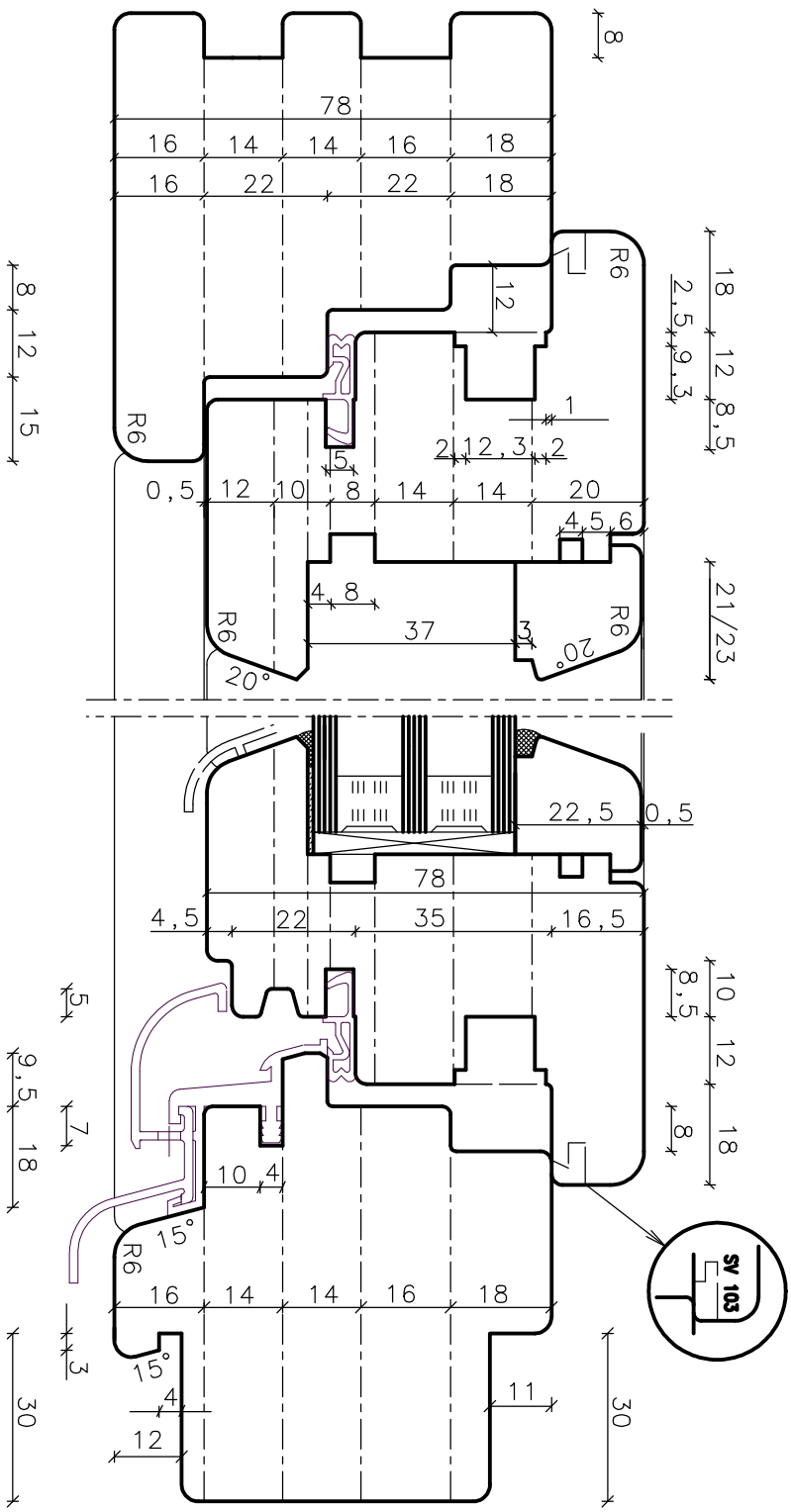
- 2 čapovacie frézy
- 5 profilovacích fréz
- medzikrúžky
- 11 púzdier na výšku 78mm

V prípade Vašej budúcej požiadavky vyrábať okná so stavebnou hĺbkou 88mm Vám odporúčame hneď vybaviť Vašu sadu vyššími púzdrami, ktoré použijete pre EURO 68, 78 aj 88.

EURO 78 – SOFTLINE

ŽILETKOVÉ

Použitie: Je určené do náročných klimatických podmienok. Vzhľadom k väčšiemu prierezu dreva ľahšie unesie izolačné trojsklo, pre ktoré je EURO 78 určené.

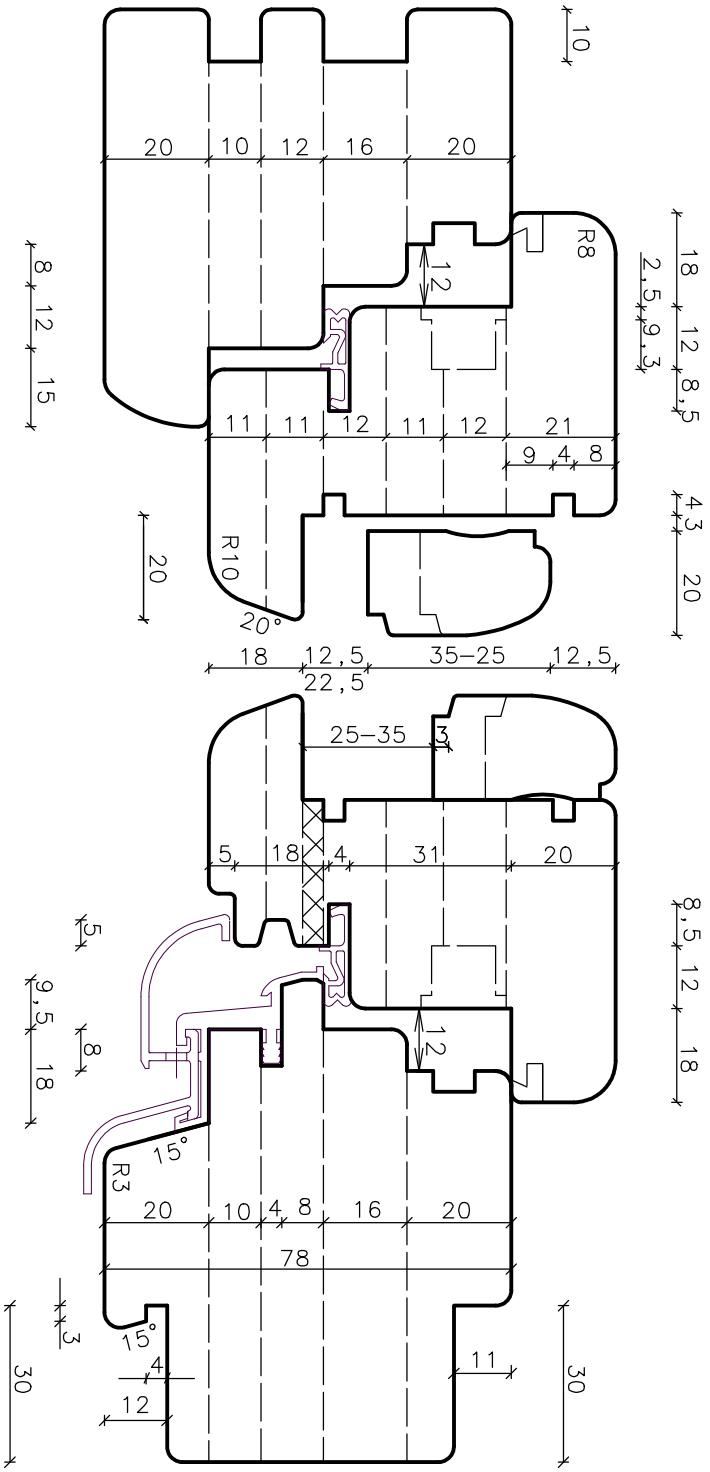


Prevedenie:

Upínané tvrdokovové HW platničky.
Priznané zámkové špáry R6/R3.
Vnútorné hrany zaoblené R1mm.
Upínací priemer 30–60 mm.
Čapovacie frézy 3–zubové.
Profilovacie frézy 2–zubové.
Čapovacie a profilovacie frézy sú uložené na púzdrach s vymedzovacími krúžkami.
Dodržujú nulovú líniu výškovo aj priemerovo.
Všetky sady sú skompletované bez potreby prehadzovania nástrojov.
2 1/2 čap krídla.
Čapovacie kotúče prečapujú do hĺbky 11cm.
Presadená lišta sa frézuje z hranola pred profilovaním /4ks z vonkajšieho krídla + 3ks z vnútorného rámu/.
Výška zasklenia 21/23/mm.

EURO 78 – SOFTLINE
ŽILETKOVÉ EURO NUT

Použitie: Je určené do náročných klimatických podmienok. Vzhľadom k väčšiemu prierezu dreva ľahšie unesie izolačné trojsklo, pre ktoré je EURO 78 určené.



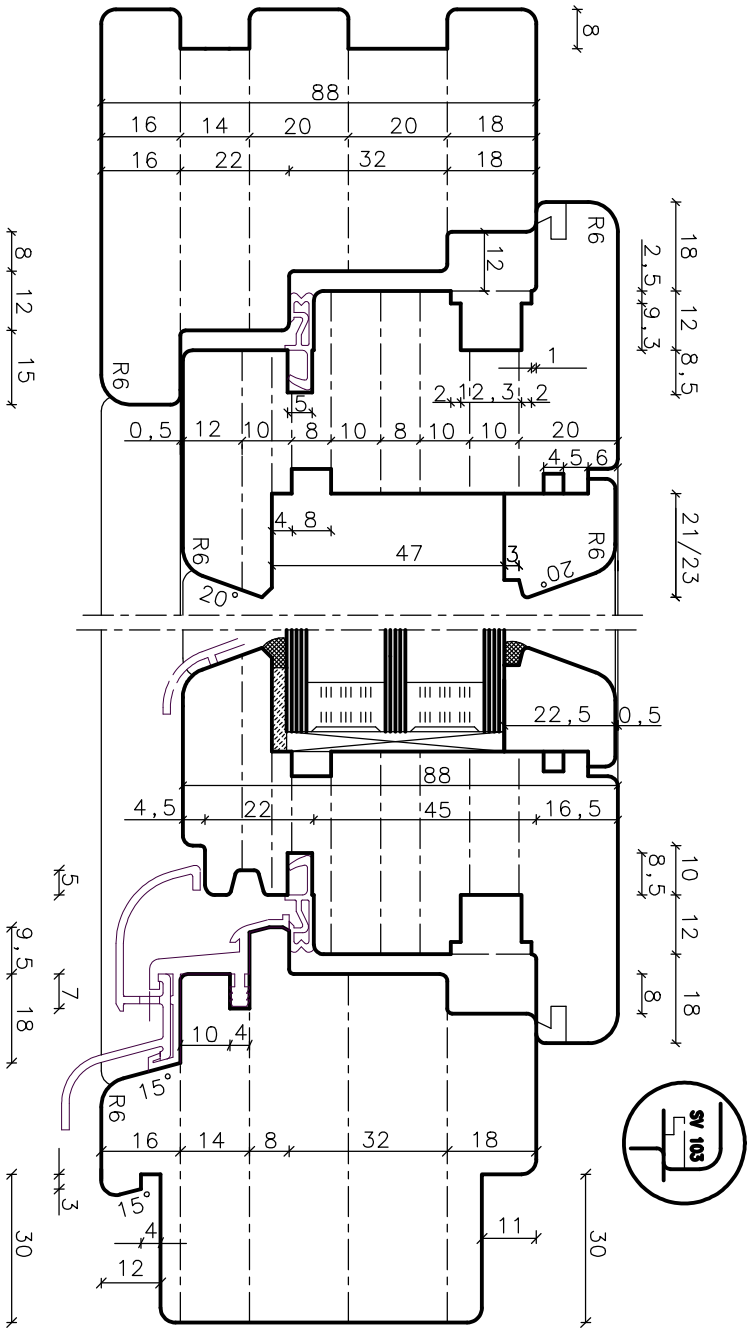
Prevedenie:

Upínané tvrdokovové HW platničky.
Priznané zámkové špáry R10/R5.
Vnútorné hrany zaoblené R1mm.
Upínací priemer 30–60 mm.
Čapovacie frézy 3–zubové.
Profilovacie frézy 2–zubové.
Čapovacie a profilovacie frézy sú uložené na púzdrach s vymedzovacími krúžkami.
Dodržujú nulovú líniu výškovo aj priemerovo.
Všetky sady sú skompletované bez potreby prehadzovania nástrojov.
2 1/2 čap krídla.
Čapovacie kotúče prečapujú do hĺbky 11cm.
Odrezaná zasklievacia lišta sa frézuje zároveň s vnútorným profilom krídla a je nastaviteľná podľa rôznych hrúbok skla.

EURO 88 – SOFTLINE

ŽILETKOVÉ

Použitie: Je určené do náročných klimatických podmienok. Vzhľadom k väčšiemu prierezu dreva ľahšie unesie izolačné trojsklo, pre ktoré je EURO 88 určené.
Svojou konšrukciou spĺna súčasné najnáročnejšie požiadavky kladené pre výrobu okien pre NED budovy.



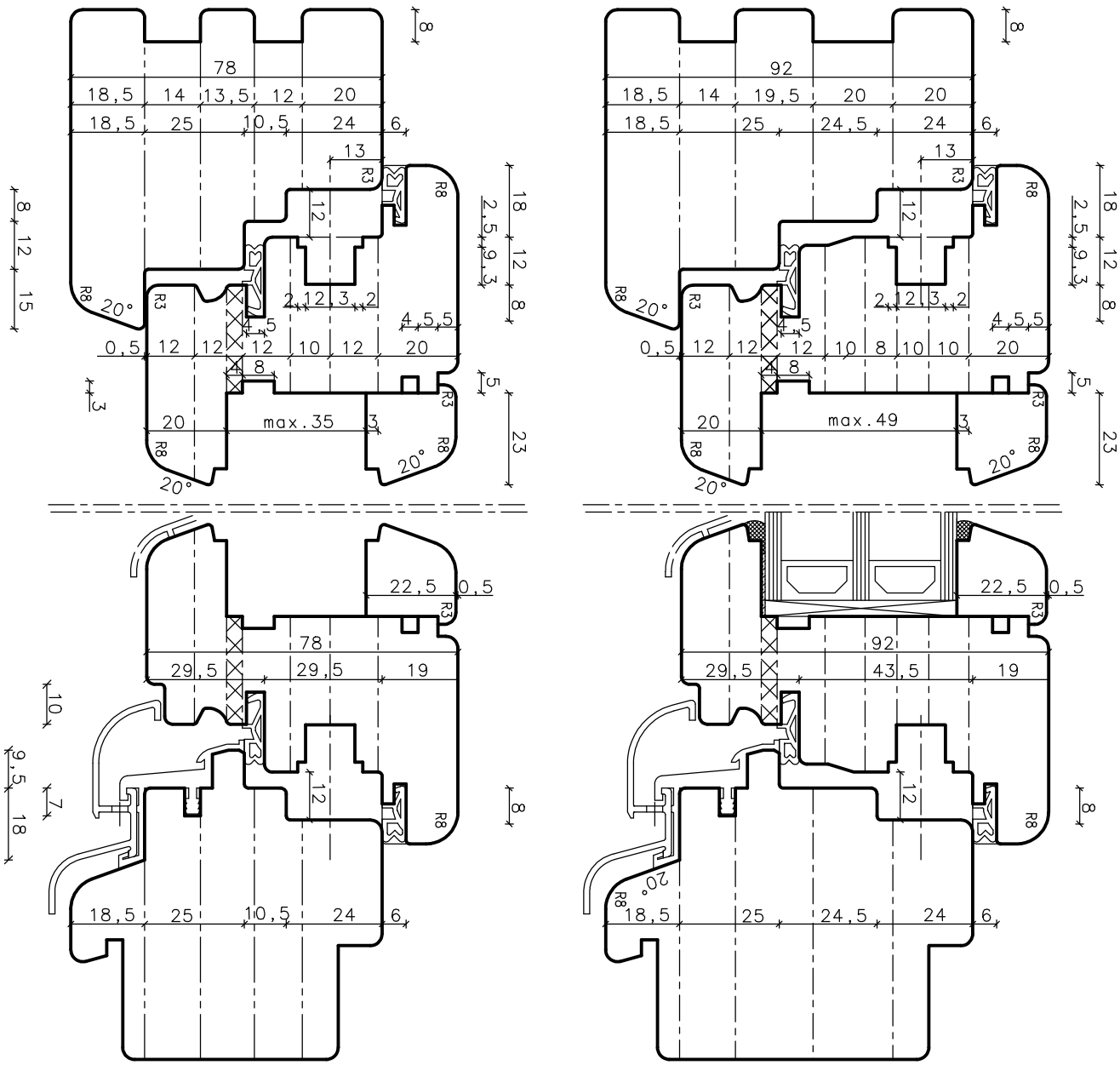
Prevedenie:

Upínané tvrdokovové HW platničky.
Priznané zámkové špáry R6/R3.
Vnútorné hrany zaoblené R1mm.
Upínací priemer 30–60 mm.
Čapovacie frézy 3–zubové.
Profilovacie frézy 2–zubové.
Čapovacie a profilovacie frézy sú uložené na púzdrach s vymedzovacími krúžkami.
Dodržujú nulovú líniu výškovo aj priemerovo.
Všetky sady sú skompletované bez potreby prehadzovania nástrojov.
Výška zasklenia 21/23mm.
Čapovacie kotúče prečapujú do hĺbky 11cm.
Presadená lišta sa frézuje z hranola pred profilovaním /4ks z vonkajšieho krídla + 3ks z vnútorného rámu/.

EURO 78/92-SOFTLINE - ISAR OKAPNICA ŽILETKOVÉ

Použitie: Je určené do náročných klimatických podmienok. Vzhľadom k väčšiemu prierezu dreva, ľahšie unesie izolačné trojsklo, pre ktoré je EURO 92 určené.
Svojou konštrukciou spĺňa súčasné náročné požiadavky, kladené pre výrobu okien na NED budovy.

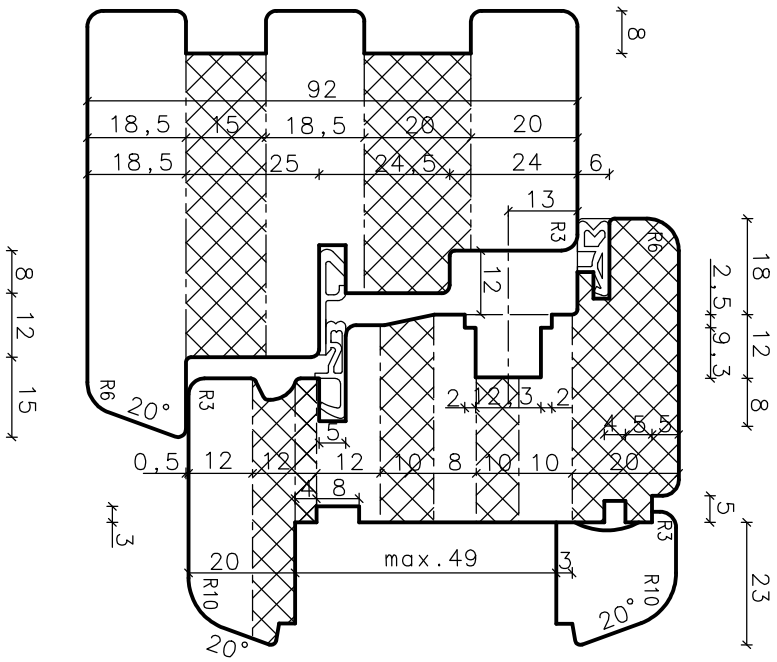
Prevedenie:
Upínané tvrdokovové vymenitelné plátničky.
Čapovacie frézy 3 resp. 6 zubové, profilovacie frézy 2/4 zubové.
Čapovacie frézy prečapujú hĺbku 11cm.

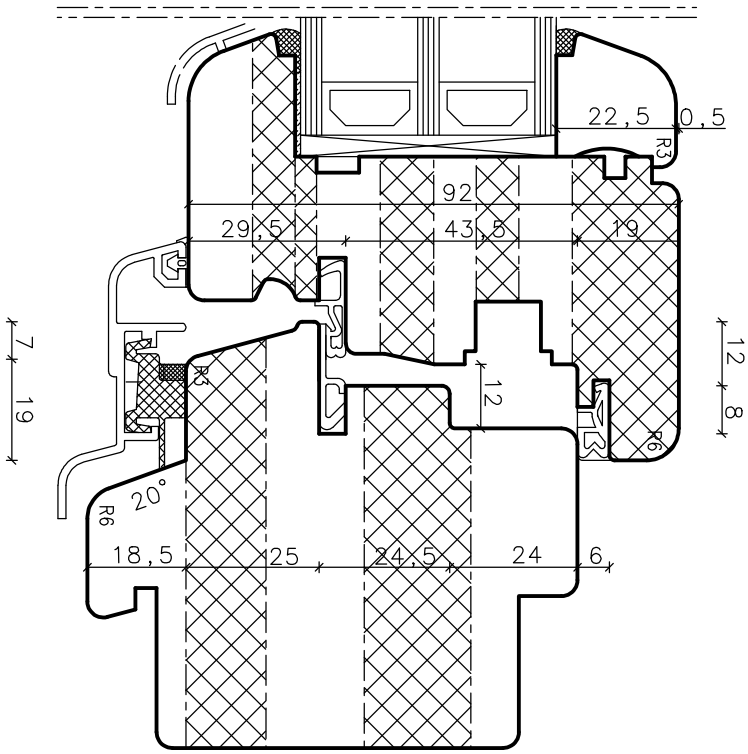


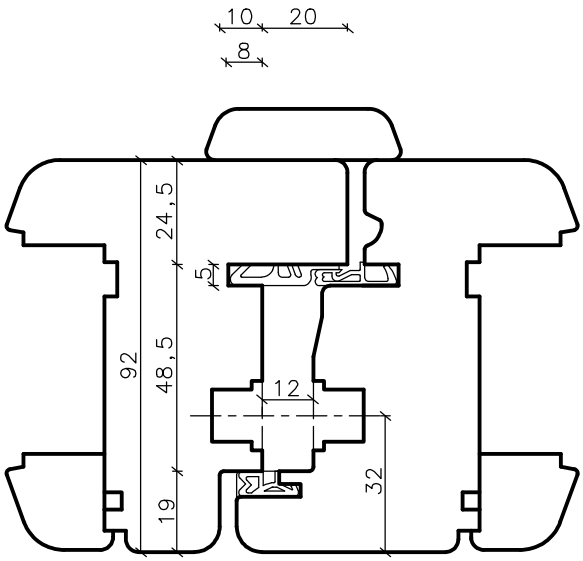
EURO 92 - SOFTLINE - SPREE OKAPNICA ŽILETKOVÉ

Použitie: Je určené do náročných klimatických podmienok. Vzhľadom k väčšiemu prierezu dreva, ľahšie unesie izolačné trojsklo, pre ktoré je EURO 92 určené.
Svojou konštrukciou spĺňa súčasné náročné požiadavky, kladené pre výrobu okien na NED budovy.

Prevedenie:
Upínané tvrdokovové vymenitelné plátničky.
Čapovacie frézy 3 resp. 6 zubové, profilovacie frézy 2/4 zubové.
Čapovacie frézy prečapujú hĺbku 11cm.





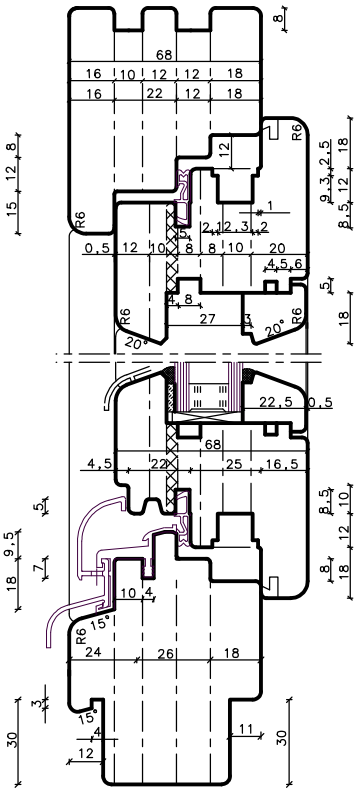


EURO MAX 68, 78, 88

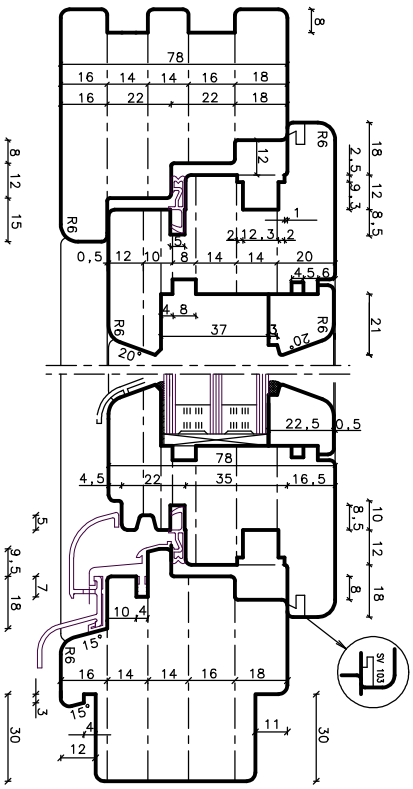
Frézovacia súprava EURO MAX je určená na výrobu okien z profilov 68, 78, 88mm.
Rozšírenie profilov je realizované pomocou dištančných medzikrúžkov pre požadovanú šírku profilu.

Prevedenie nástrojov:

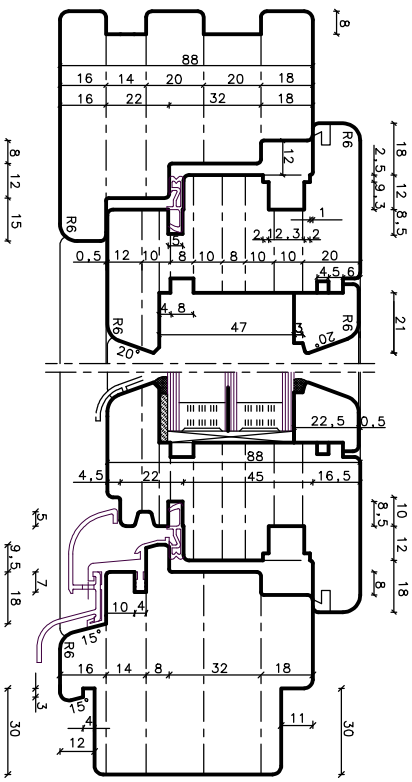
Upínané vymenitelné tvrdokovové HW platničky.
Čapovacie frézy 3 resp. 6 brité, profilovacie frézy 2 / 4 brité.
Čapovacie frézy prečapujú hĺbku 11cm.



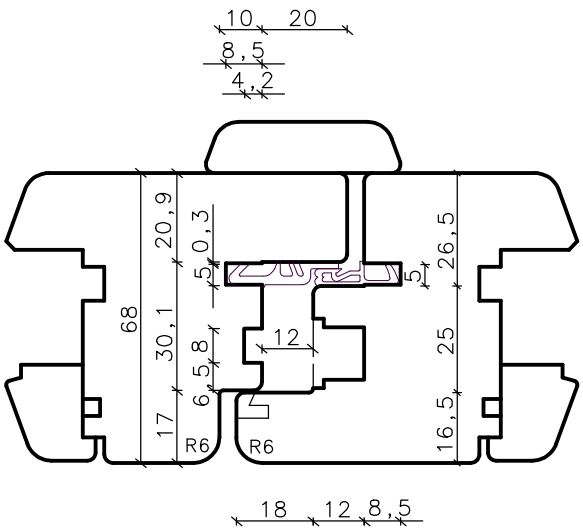
EURO MAX 68



EURO MAX 78



EURO MAX 88

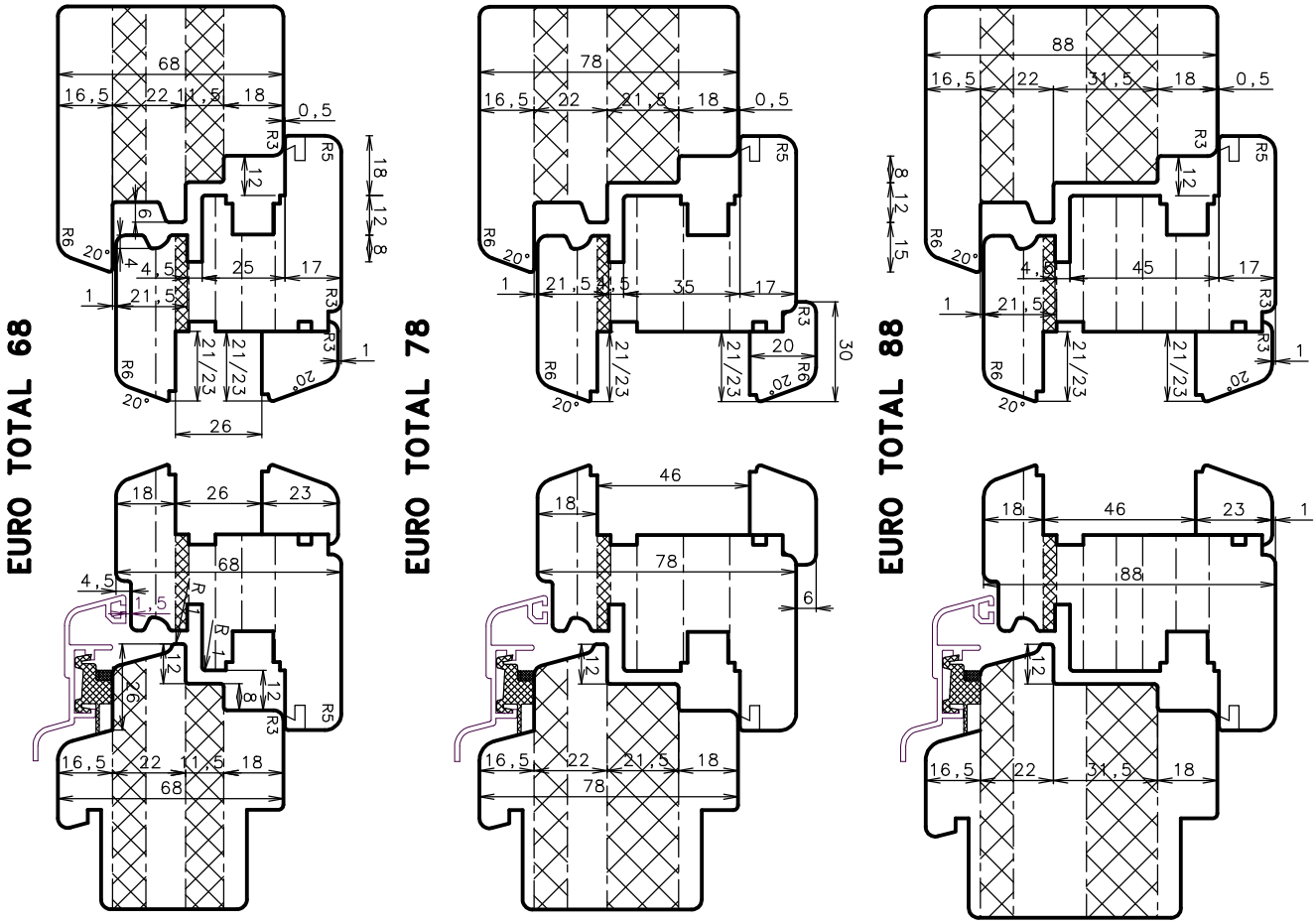


EURO TOTAL 68, 78, 88

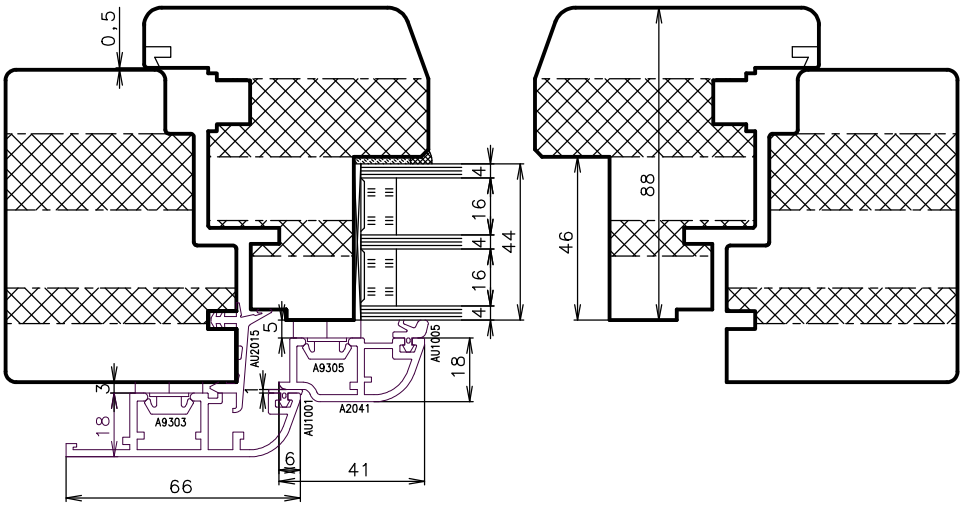
Frézovacia súprava EURO TOTAL je určená na výrobu okien z profilov 68, 78, 88mm ako aj okien OPLÁŠTENÝCH HLINÍKOM šírky 68, 78 a 88 mm. Rozšírenie profilov je realizované pomocou dištančných medzikrúžkov pre požadovanú šírku profilu.

Prevedenie nástrojov:

Upínané vymenitelné tvrdokovové HW platničky.
Čapovacie frézy 3 resp. 6 brité, profilovacie frézy 2 resp. 4 brité.
Čapovacie frézy prečapujú hĺbku 11cm.

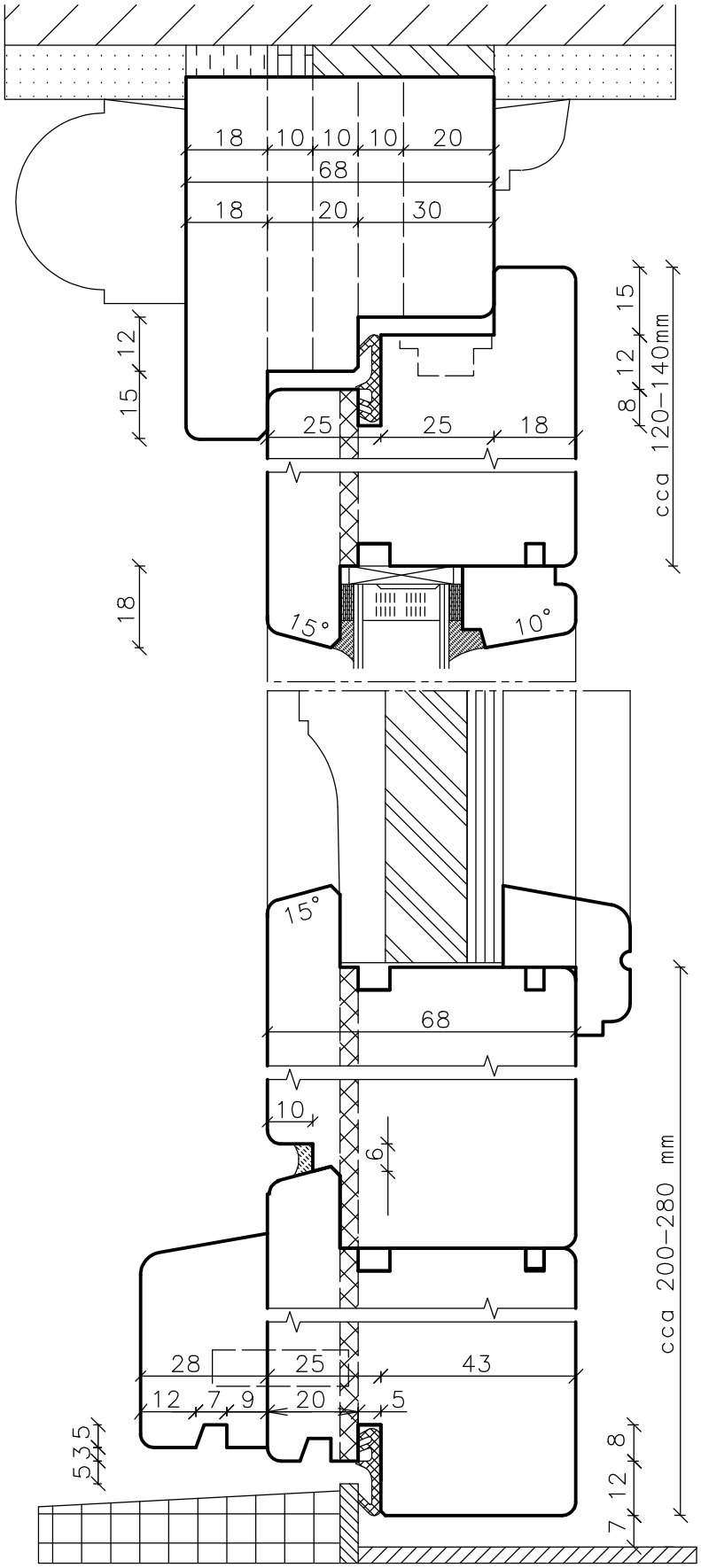


Príklad prevedenia okna opláštenéhoh hliníkom stavebnej hĺbky 88 mm

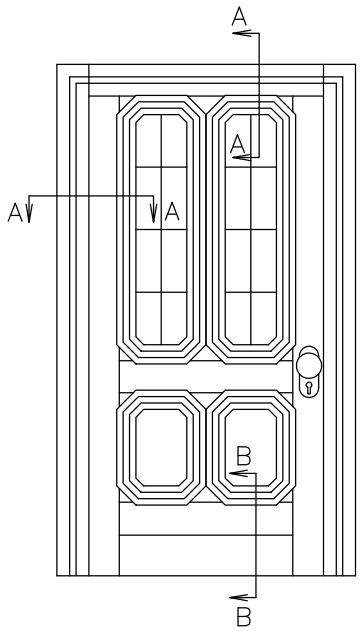


EURO 68 – DOMOVÉ DVERE

NAVÁRANÉ

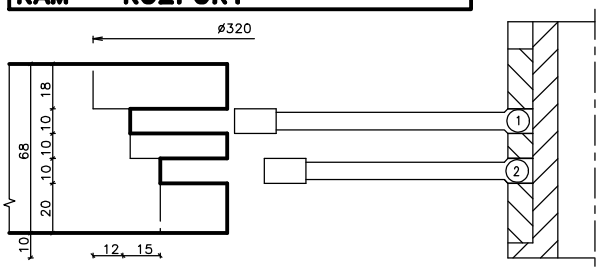


Prevedenie:
Navárané HS platničky.
Priznané špáry R 2,5mm.
Upínací priemer 30 mm.
Frézy 4–zubové.
Čapovacie a profilovacie frézy sú uložené na púzdrach s vymedzovacími krúžkami.
Dodržujú nulovú líniu výškovo aj priemerovo.
Všetky sady sú skompletované bez potreby prehadzovania nástrojov.
Čapovacie kotúče prečapujú do hĺbky 12cm.

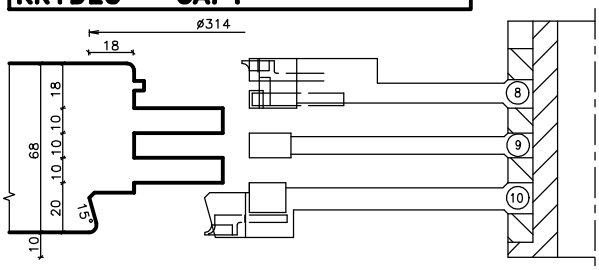


EURO 68 – DOMOVÉ DVERE

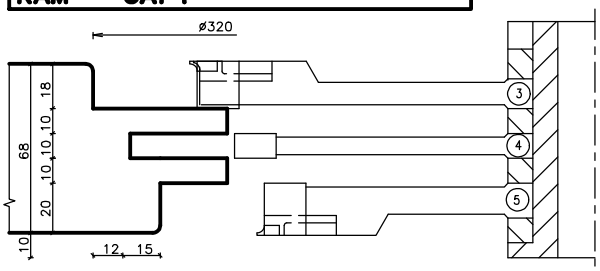
RÁM – ROZPORY



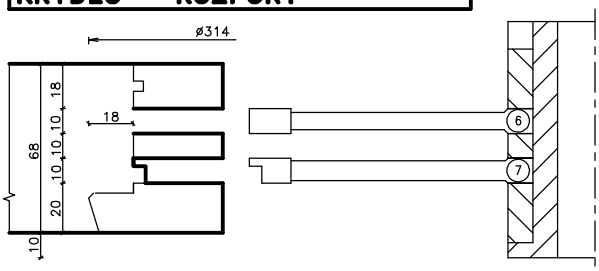
KRÍDLO – ČAPY



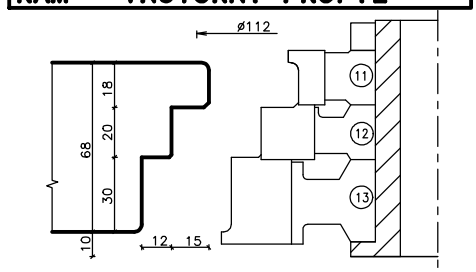
RÁM – ČAPY



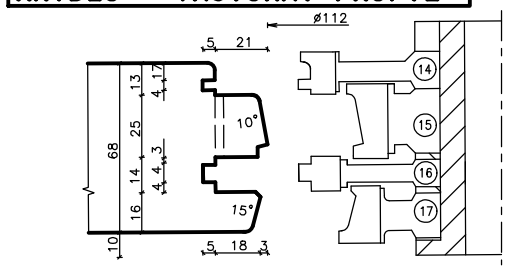
KRÍDLO – ROZPORY



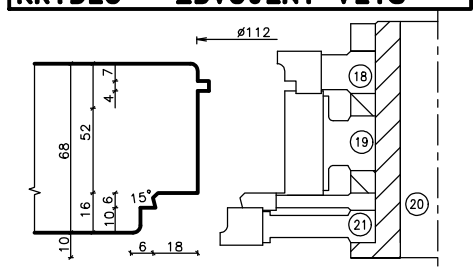
RÁM – VNÚTORNÝ PROFIL



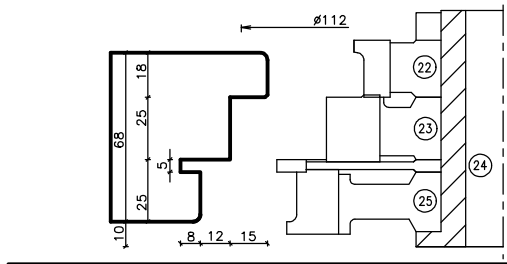
KRÍDLO – VNÚTORNÝ PROFIL



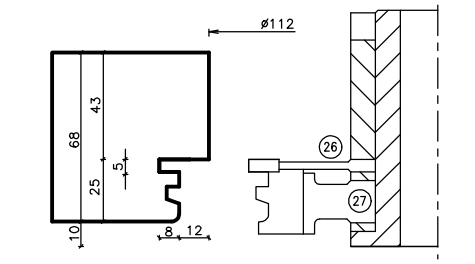
KRÍDLO – ZDVOJENÝ VLYS



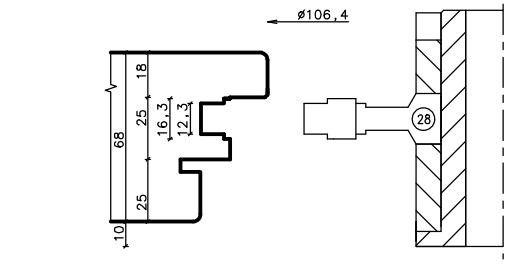
KRÍDLO – VONKAJŠÍ PROFIL



KRÍDLO –VONKAJŠÍ SPODNÝ PROFIL

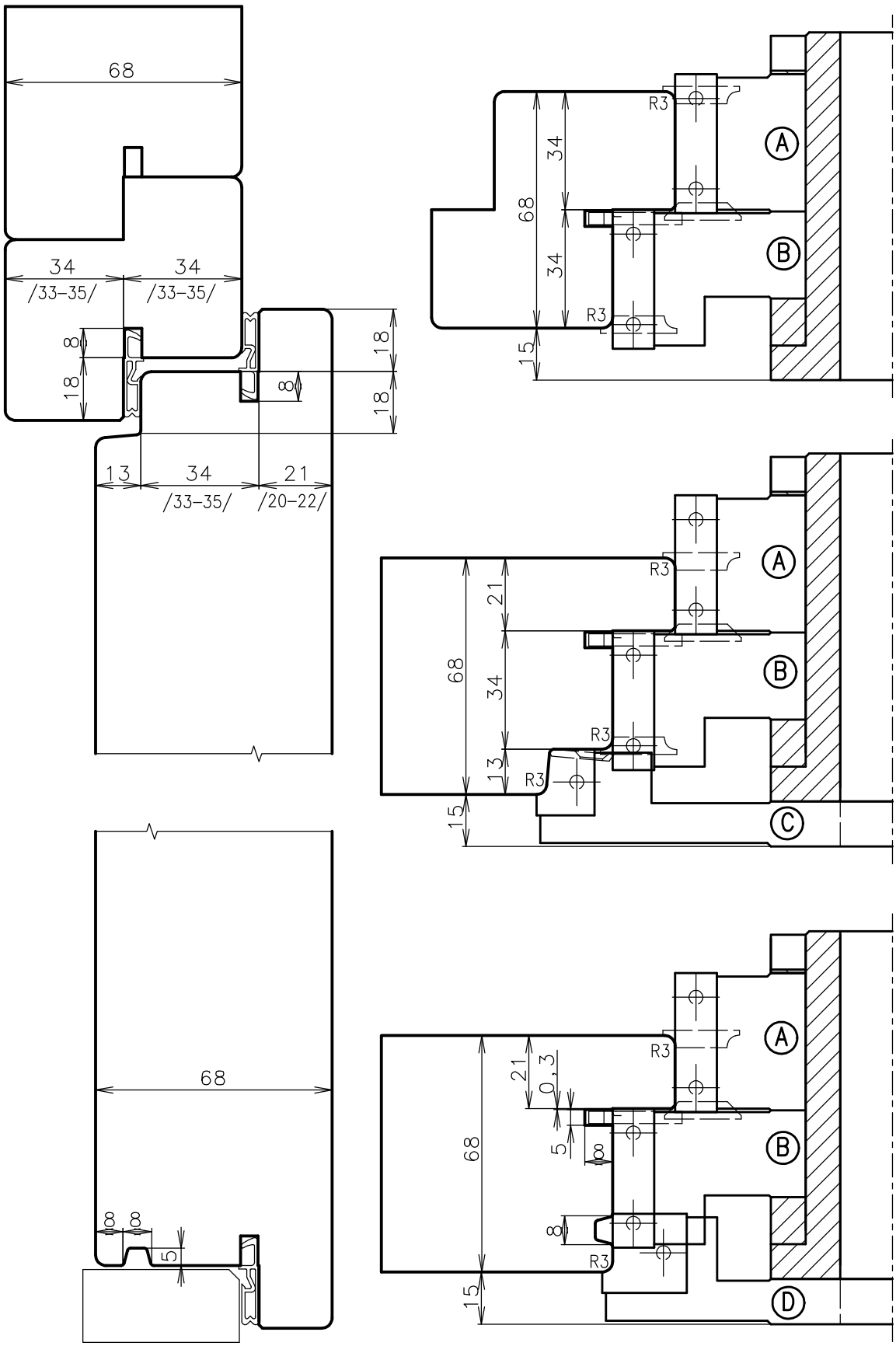


KRÍDLO – DRÁŽKA PRE KOVANIE



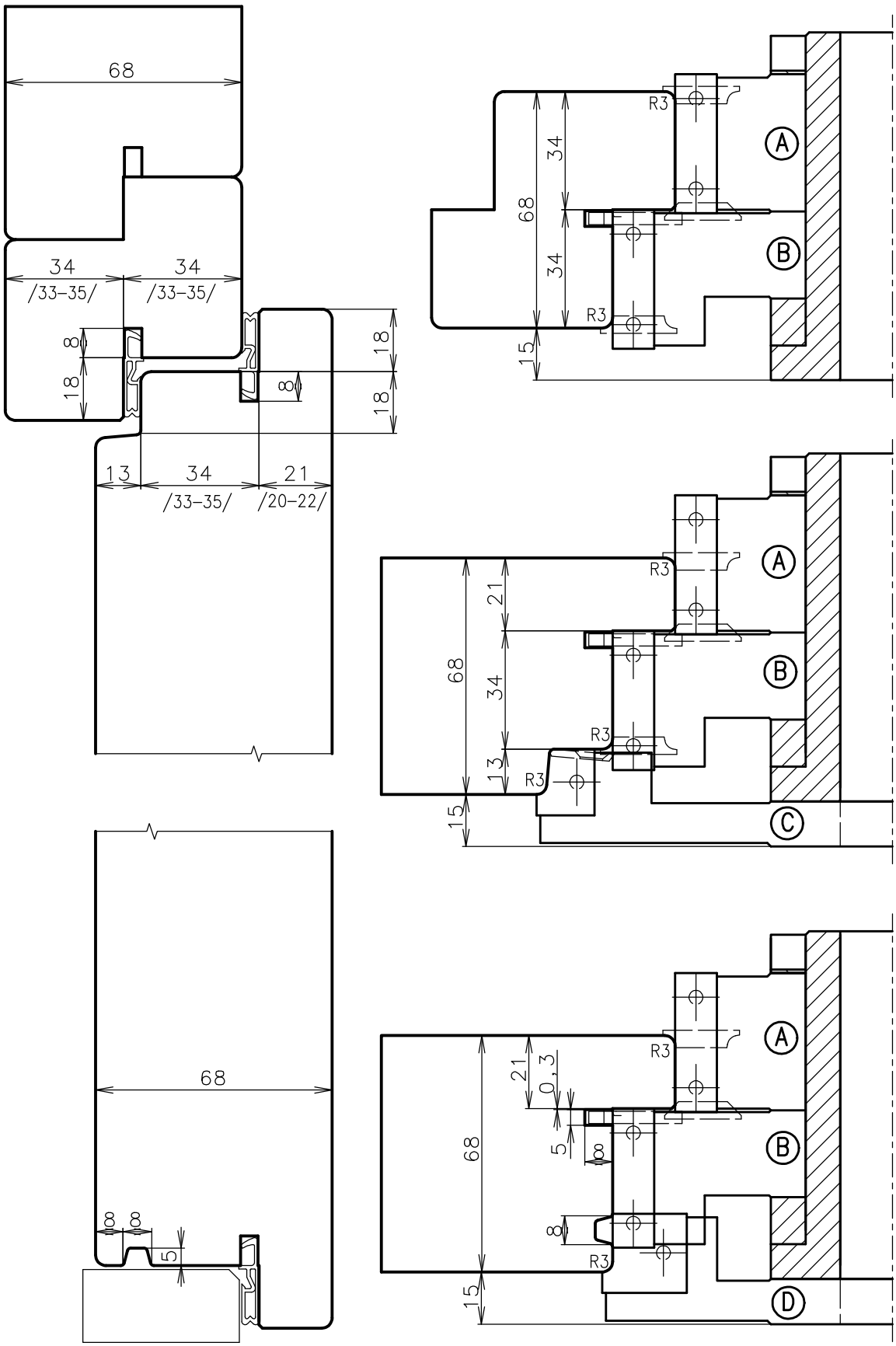
UNIVERZÁLNA SÚPRAVA NA EURODVERE 68 ŽILETKOVÉ

Zámenou 3ks fréz možnosť výroby troch rôznych profilov na dvere.

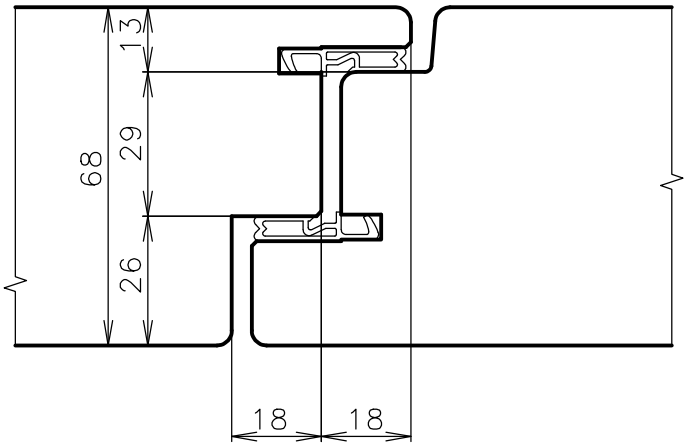


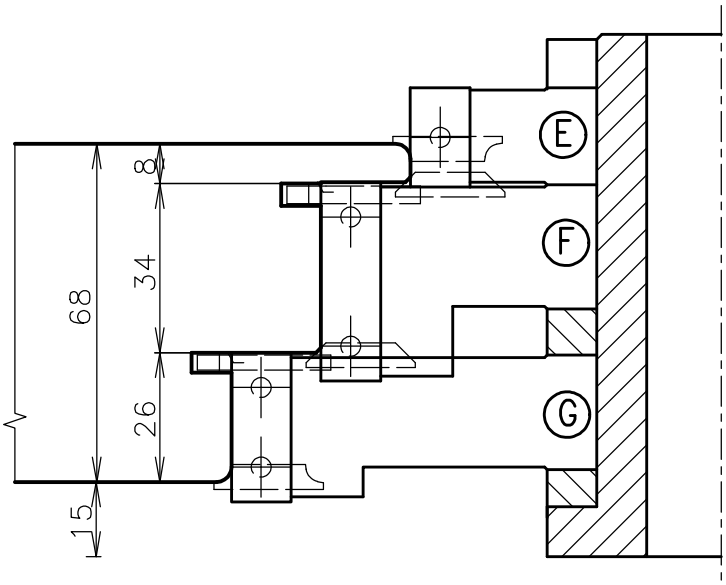
UNIVERZÁLNA SÚPRAVA NA EURODVERE 68 ŽILETKOVÉ

Zámenou 3ks fréz možnosť výroby troch rôznych profilov na dvere.



UNIVERZÁLNA SÚPRAVA NA EURODVERE 68
DVOJKRÍDLOVÉ DVERE
ŽILETKOVÉ



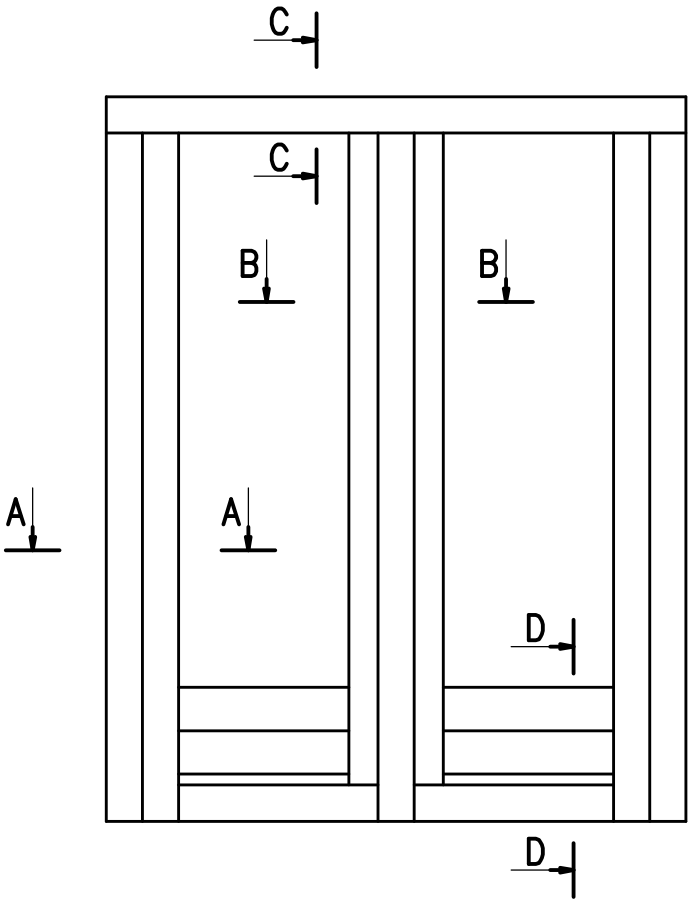


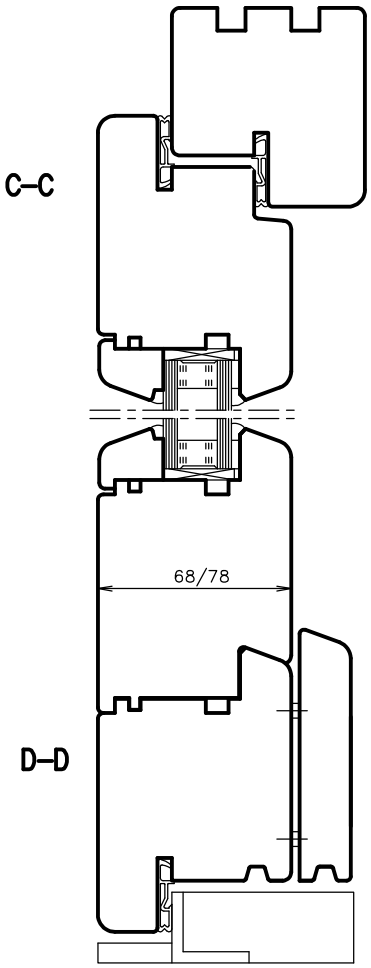
A/EURODVERE 68/78 S DVOJITÝM TESNENÍM ŽILETKOVÉ

A1/ EURODVERE 68/78 S PEVNOU PRESADENOU LIŠTOU

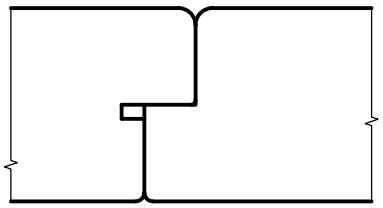
Prevedenie:

Nástroje rozširujú využitie okenných sád pre výrobu domových dverí. Dodržujú s nimi nulové línie.

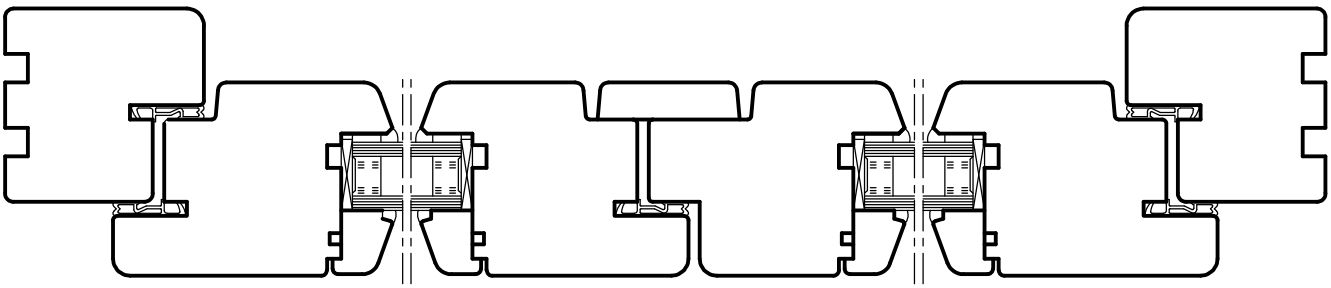




KONTRAPROFIL VNÚTORNÉHO RÁMU



A–A B–B

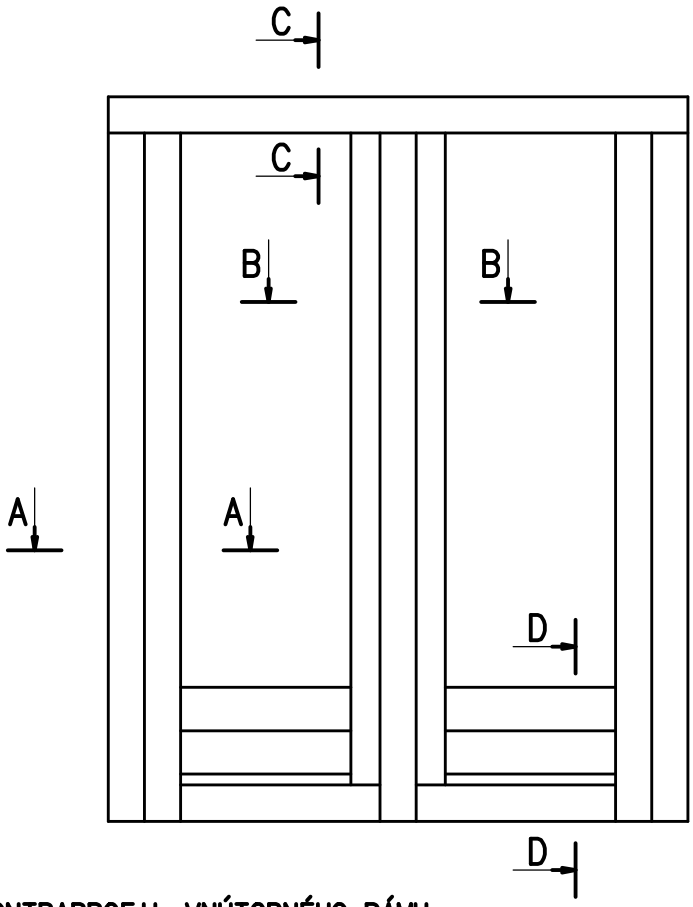


A/EURODVERE 68/78 S DVOJITÝM TESNENÍM ŽILETKOVÉ

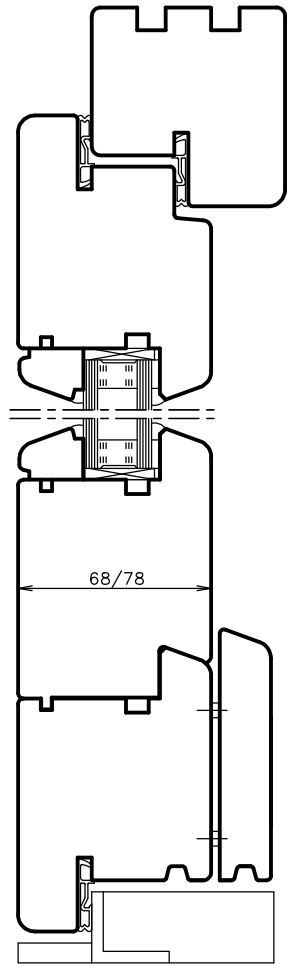
A2/ EURODVERE 68/78 S PEVNOU ODREZANOU LIŠTOU

Prevedenie:

Nástroje rozširujú využitie okenných sád pre výrobu domových dverí. Dodržujú s nimi nulové línie.

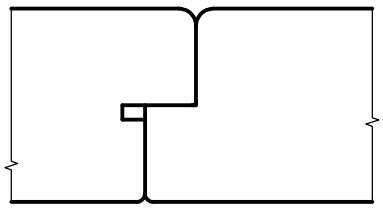


C–C

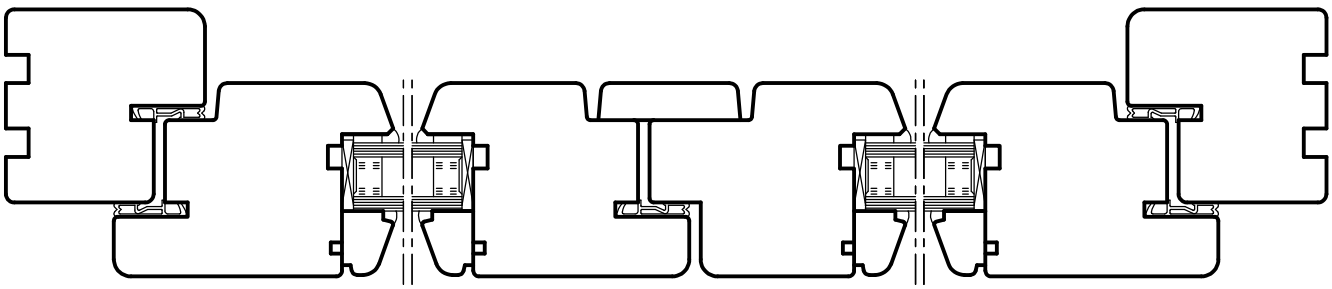


D–D

KONTRAPROFIL VNÚTORNÉHO RÁMU



A–A B–B

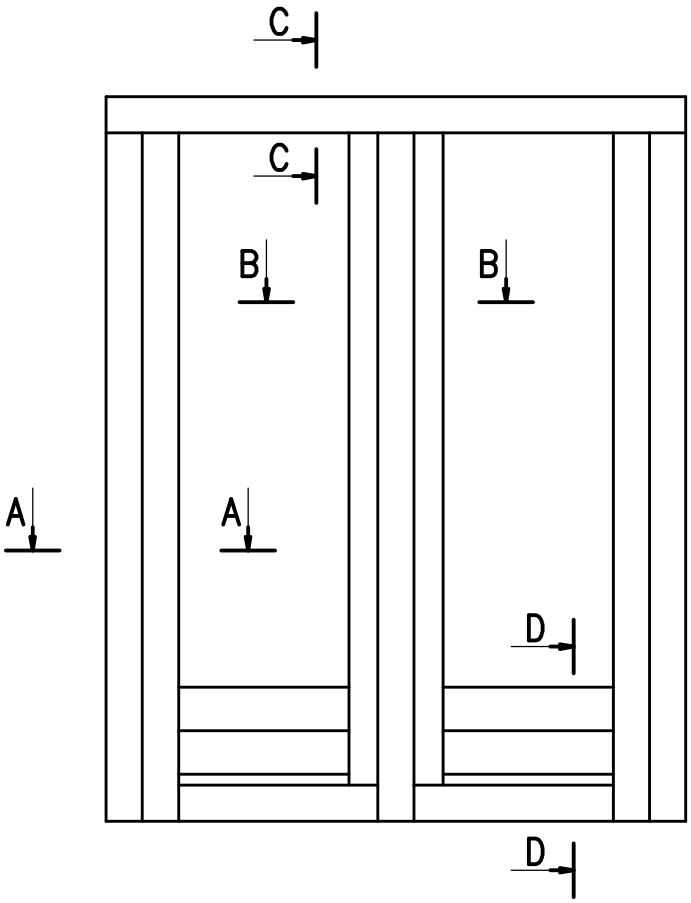


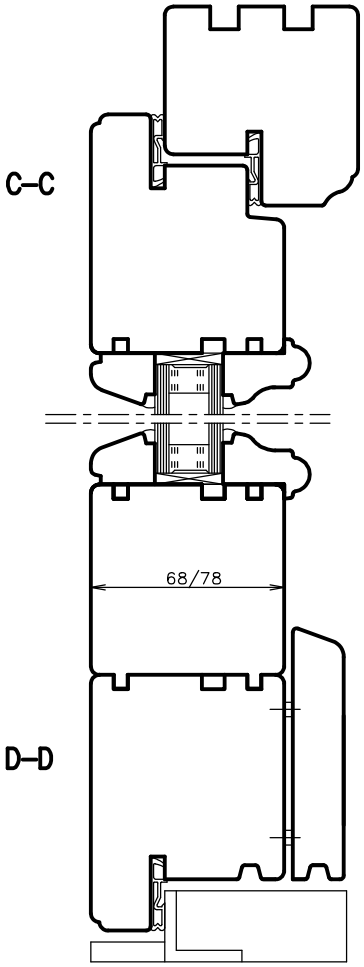
A/EURODVERE 68/78 S DVOJITÝM TESNENÍM ŽILETKOVÉ

A3/ EURODVERE 68/78 S OZDOBNOU ZÁRUBŇOU A VYBERATEĽNOU OZDOBNOU LIŠTOU

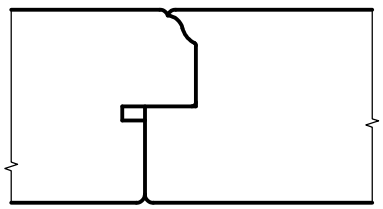
Prevedenie:

Nástroje rozširujú využitie okenných sád pre výrobu domových dverí. Dodržujú s nimi nulové línie.

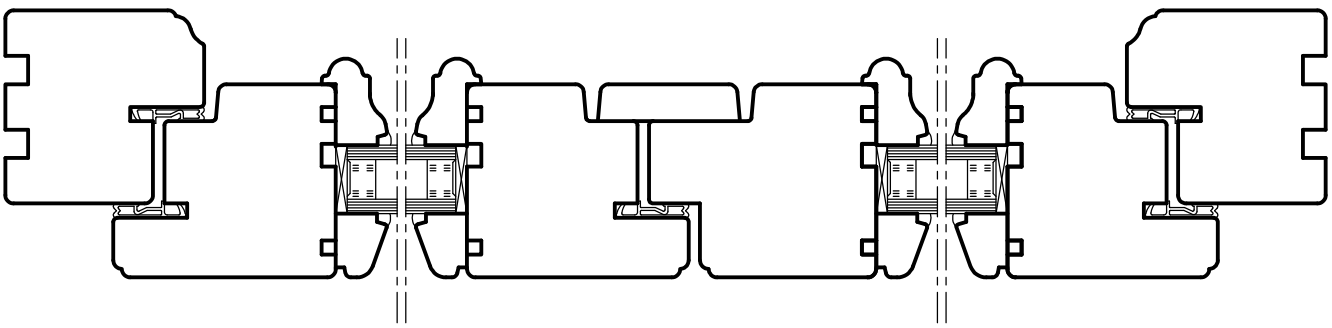




KONTRAPROFIL VNÚTORNÉHO RÁMU



A–A B–B

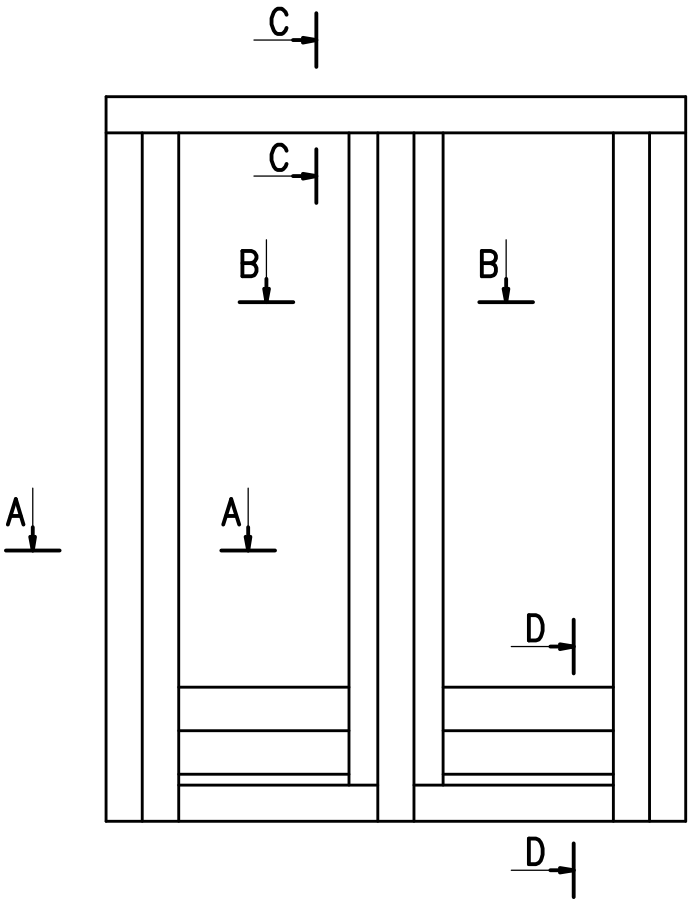


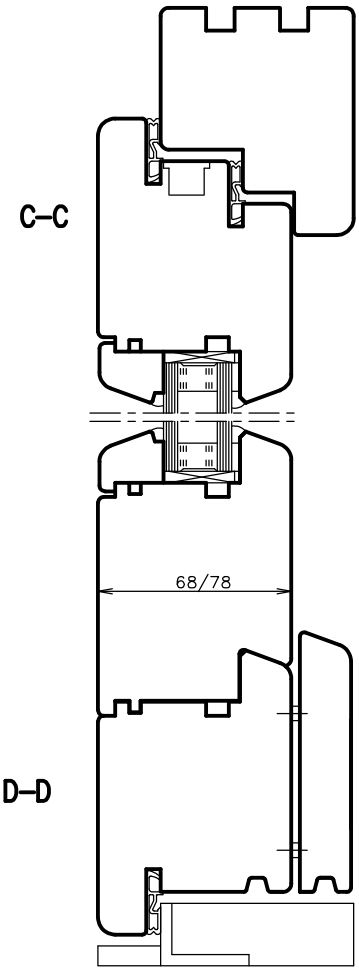
B/EURODVERE 68/78 S DVOJITÝM FALCOM ŽILETKOVÉ

B1/ EURODVERE 68/78 S PEVNOU PRESADENOU LIŠTOU

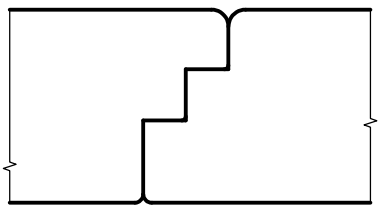
Prevedenie:

Nástroje rozširujú využitie okenných sád pre výrobu domových dverí. Dodržujú s nimi nulové línie.

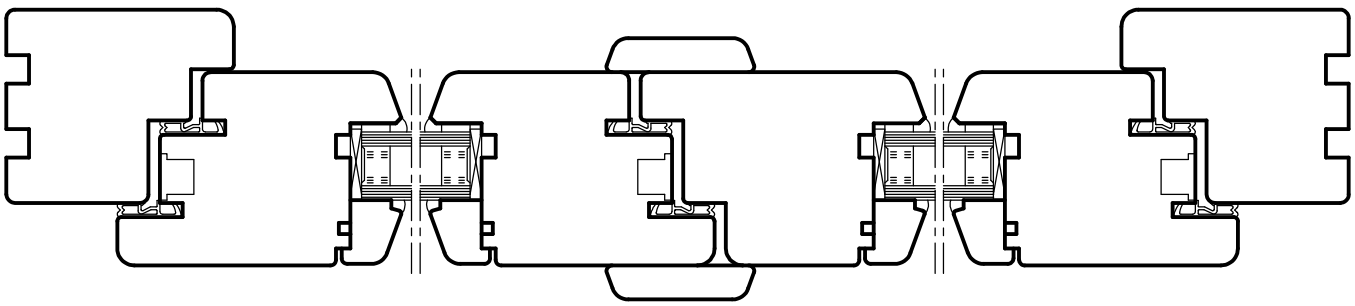




KONTRAPROFIL VNÚTORNÉHO RÁMU



A–A B–B

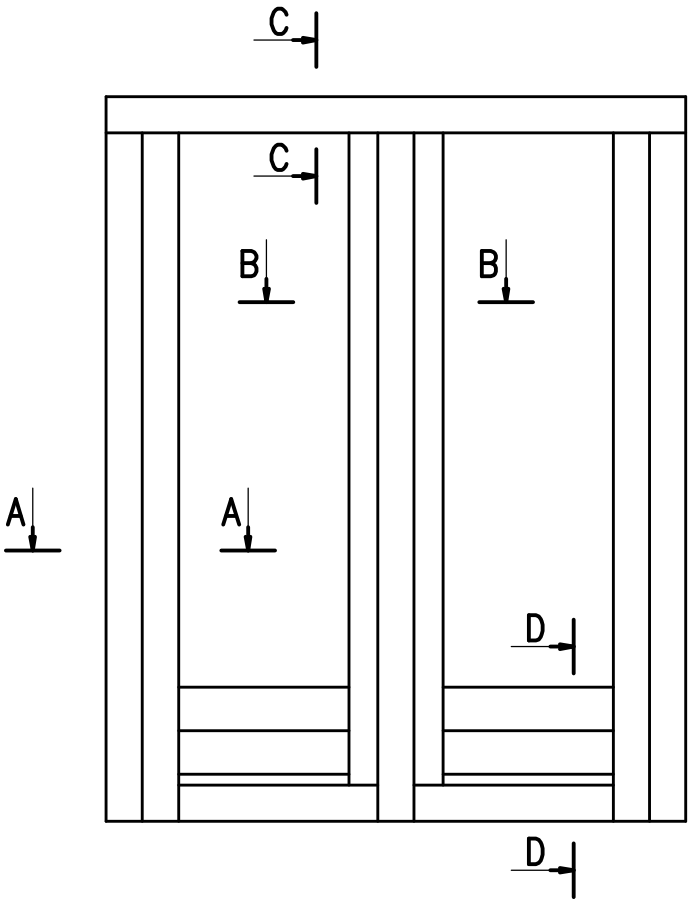


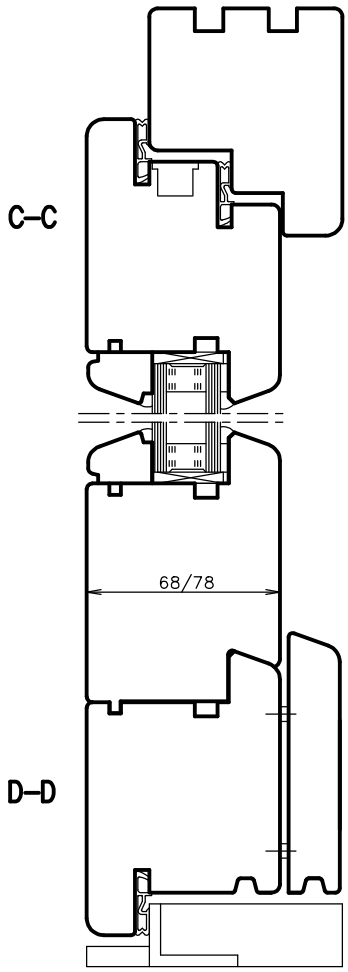
B/EURODVERE 68/78 S DVOJITÝM FALCOM ŽILETKOVÉ

B2/ EURODVERE 68/78 S PEVNOU ODREZANOU LIŠTOU

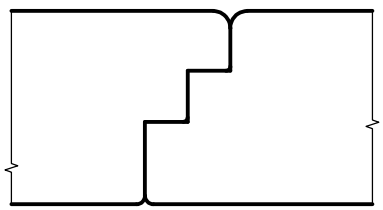
Prevedenie:

Nástroje rozširujú využitie okenných sád pre výrobu domových dverí. Dodržujú s nimi nulové línie.

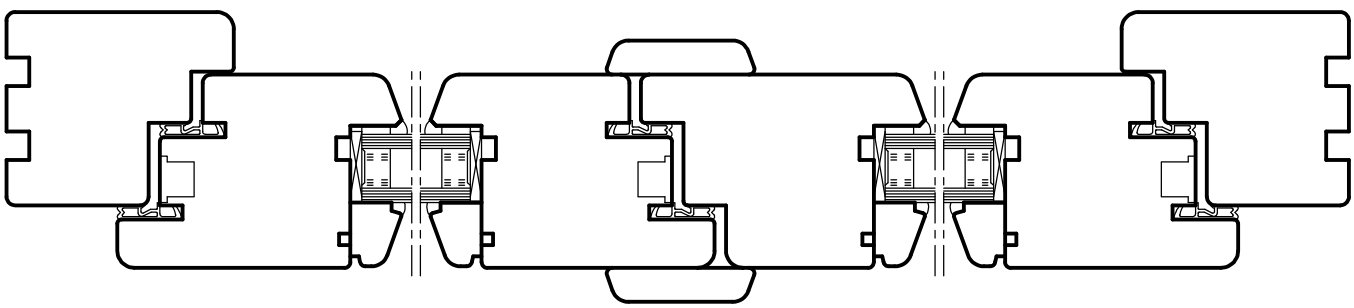




KONTRAPROFIL VNÚTORNÉHO RÁMU



A–A B–B

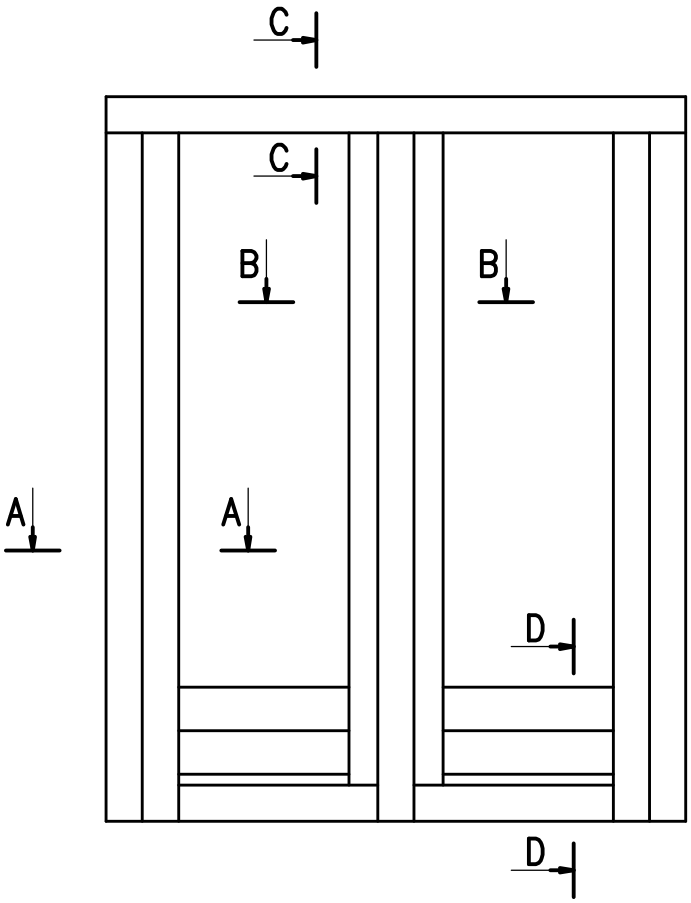


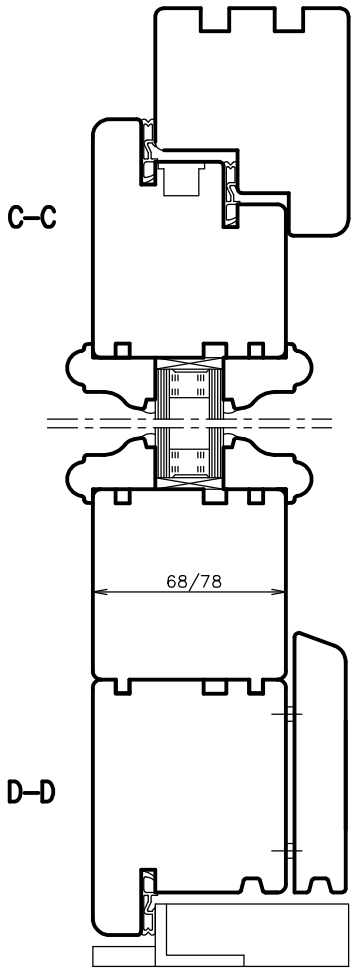
B/EURODVERE 68/78 S DVOJITÝM FALCOM ŽILETKOVÉ

B3/ EURODVERE 68/78 S OZDOBNOU LIŠTOU

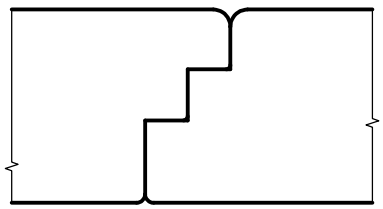
Prevedenie:

Nástroje rozširujú využitie okenných sád pre výrobu domových dverí. Dodržujú s nimi nulové línie.

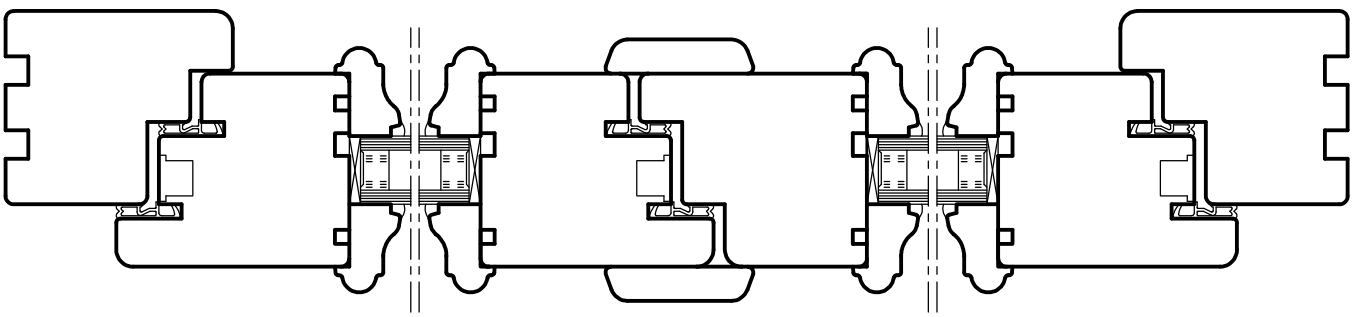




KONTRAPROFIL VNÚTORNÉHO RÁMU



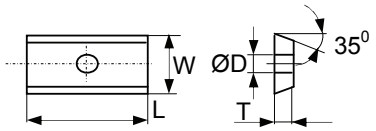
A–A B–B



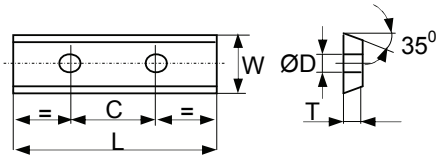
STATON s r.o., Turany

VYMENITEĽNÉ PLATNIČKY / INDEXABLE INSERTS / WENDEPLATTEN / PLAQUETES

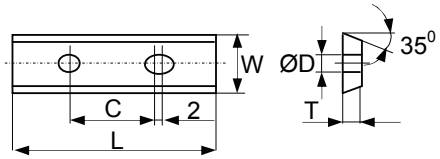
Zabezpečujeme ostrenie a výrobu rôznych tvarových žiletiek.



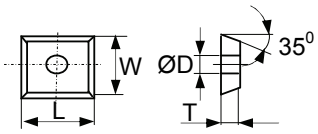
Veľkosť	L	W	T	A	ØD	Použitie	Cena
7,5x12	7,5	12	1,5	2	4	T04F - Univerzálne	1,3 €
9,6x12	9,60	12	1,5	2	4	T04F - Univerzálne	2,2 €
11x12	11,0	12	1,5	2	4	T04F - Univerzálne	2,8 €
15x12	15,0	12	1,5	2	4	T04F - Univerzálne	1,9 €
20x12	20,0	12	1,5	2	4	T04F - Univerzálne	2,1 €
20x12	20,0	12	1,5	2	4	T03SMG - MDF, DTD	2,8 €



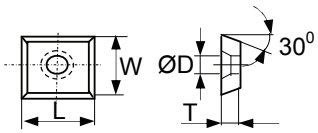
Veľkosť	L	W	T	A	ØD	C	Použitie	Cena
25x12	25,0	12	1,5	2	4	14	T04F - Univerzálne	2,6 €
30x12	30	12	1,5	2	4	14	T04F - Univerzálne	2,2 €
30x12	30	12	1,5	2	4	14	T03SMG - MDF, DTD	2,9 €
40x12	40	12	1,5	2	4	26	T04F - Univerzálne	2,7 €
50x12	50	12	1,5	2	4	26	T04F - Univerzálne	3,3 €
50x12	50	12	1,5	2	4	26	T03SMG - MDF, DTD	4,1 €
60x12	60	12	1,5	2	4	26	T04F - Univerzálne	3,5 €



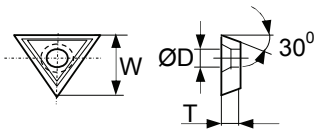
Veľkosť	L	W	T	A	ØD	C	Použitie	Cena
80x13	80	13	2,2	2	4	60	T08MF - Univerzálne	9,6 €
100x13	100	13	2,2	2	4	60	T08MF - Univerzálne	14,9 €
120x13	120	13	2,2	2	4	60	T08MF - Univerzálne	18,3 €



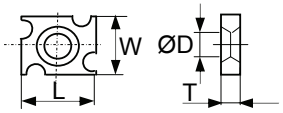
Veľkosť	L	W	T	A	ØD	Použitie	Cena
12x12	12	12	1,5	4	4	T04F - Univerzálne	2,0 €
12x12	12	12	1,5	4	4	T03SMG - MDF, DTD	2,3 €



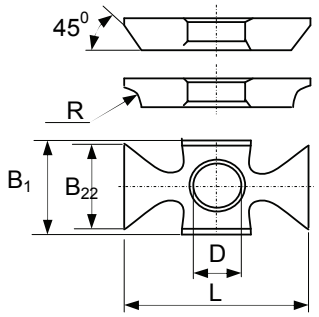
Veľkosť	L	W	T	A	ØD	Použitie	Cena
14x14	14	14	2	4	6,5	T08MF - Univerzálne	1,9 €
14x14	14	14	2	4	6,5	T03SMG - MDF, DTD	2,6 €
14x14	14	14	1,2	4	6,5	T08MF - Univerzálne	2,1 €



Veľkosť	L	W	T	A	ØD	Použitie	Cena
22x19	19		2	3	6,5	T08MF - Univerzálne	3,7 €
22x19	19,0	R1,5	2	3	6,5	T08MF - Univerzálne	18,2 €



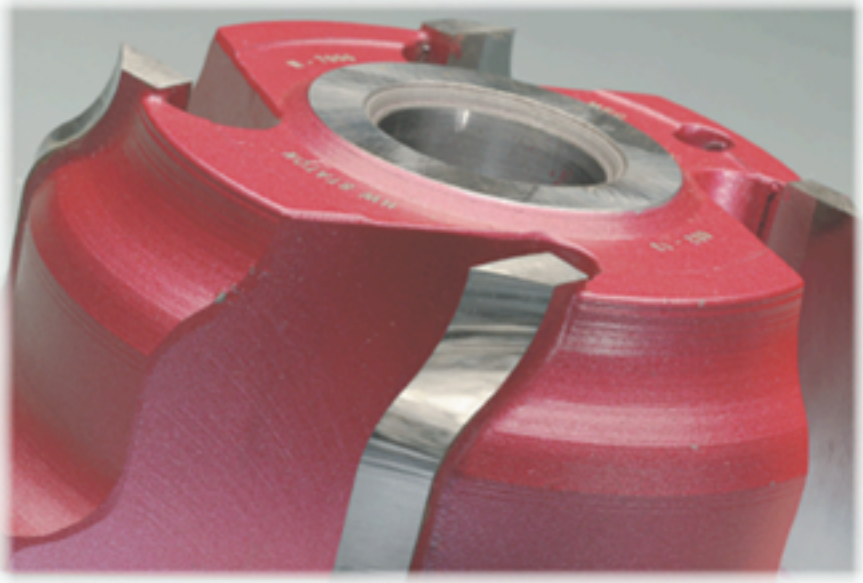
Veľkosť	L	W	T	A	ØD	C	Použitie	Cena
18x18	18,0	18	1,95	4	10,3	14	T08MF - Univerzálne	5,0 €
18x18	18,0	18	2,95	4	10,3	14	T08MF - Univerzálne	7,3 €



L	B_1	B_2	S	D	R	Použitie	Cena
22,0	16	14,9	5	6,5	1	T10MG - Univerzálne	13,0 €
22,0	16	14,9	5	6,5	1,5	T10MG - Univerzálne	13,0 €
22,0	16	14,9	5	6,5	2	T10MG - Univerzálne	13,0 €
22,0	16	14,9	5	6,5	2,5	T10MG - Univerzálne	13,0 €
22,0	16	14,9	5	6,5	3	T10MG - Univerzálne	13,0 €
22,0	16	14,9	5	6,5	3,5	T10MG - Univerzálne	13,0 €
22,0	16	14,9	5	6,5	4	T10MG - Univerzálne	13,0 €
22,0	16	14,9	5	6,5	4,5	T10MG - Univerzálne	13,0 €
22,0	16	14,9	5	6,5	5	T10MG - Univerzálne	13,0 €
22,0	16	14,9	5	6,5	45°	T10MG - Univerzálne	13,0 €

UVEDENÉ CENY SÚ BEZ 19%DPH

Na vyžiadanie možnosť dodania špeciálnych žiletiek určených len pre mäkké a tvrdé drevo - typ TL15



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