

freud.

Circular Saw Blades

Kružne testere

Catalogue 2018/19 - Katalog 2018/19



Your productive partner

Vaš pouzdan partner

Premium quality industrial tools for superior efficiency

Industrijski alati vrhunskog kvaliteta za maksimalnu efikasnost



A wide range of top performing products

- An extensive variety of precise and high-tech tools.
- Circular Saw Blades: the biggest manufacturer of high quality saw blades worldwide.
 - Cutterheads and Brazed Cutters: freud sets the highest standard in the wood industry and window tooling.
 - Knives, Spare parts and Accessories: in-house production of all Carbide inserts, unique in the world.
 - Drilling, Routing & CNC Tools: a complete range for all applications.

Široka gama vrhunskih proizvoda

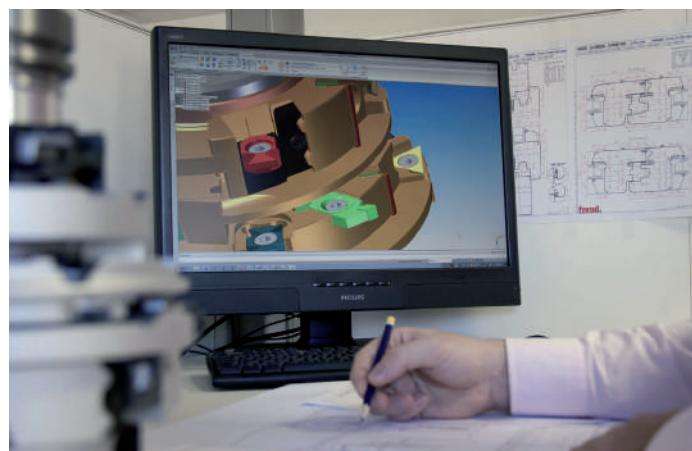
Veliki izbor preciznih i modernih alata.

- Kružne testere: najveći proizvođač visokokvalitetnih testera na svetu.
- Glodala sa izmenjivim i lemljenim pločicama: FREUD postavlja najviše standarde u drvnoj i industriji prozora.
- Pločice, rezervni delovi i dodaci: FREUD je jedinstven u svetu po proizvodnji svih karbidnih elemenata u okviru kuće.
- Alati za CNC: kompletan gama za sve aplikacije.



A wide range of industrial cutting tools.
Široka gama industrijskih alata za rezanje.

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Advanced engineering and technology.
Napredno projektovanje i tehnologija.

High quality solutions for your applications

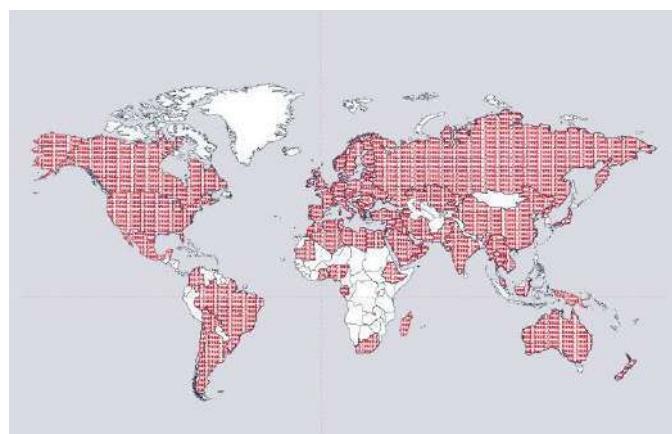
Engineering competence and manufacturing know-how.

- Customized-to-Order: products to match special production needs.
- Enhanced technologies: Silver I.C.E., Perma-SHIELD, EXrim, ISOprofil, High Speed ISOprofil and Split-Edge.

Visokokvalitetna rešenja za Vaše aplikacije

Stručnost u konstruisanju i proizvodnji.

- Specifični zahtevi: proizvodi po specijalnim zahtevima proizvodnje.
- Napredne tehnologije: Silver I.C.E, Perma-SHIELD, EXrim, ISOprofil, High Speed ISOprofil i Split-Edge.



Worldwide presence.
Prisutnost širom sveta.

Global services wherever you are

A belief in "think global and act local".

- Our worldwide subsidiaries and partners in over 90 countries ensure an extensive service and distribution network.
- Since 2009 freud is part of Bosch group, leveraging the global network of the world leading technology supplier.

Globalna usluga gde god da se nalazite

Verovanje u "misli globalno, radi lokalno".

- Naši agenti i partneri širom sveta u preko 90 zemalja osiguravaju dobru uslugu i distribuciju.
- Od 2009. godine FREUD je deo BOSCH grupe, čineći globalnu mrežu vodećeg svetskog dobavljača tehničkih proizvoda.

Advanced technology

Napredna tehnologija

Innovative solutions to maximize
your investments
Inovativna rešenja
za maksimizaciju Vaših investicija

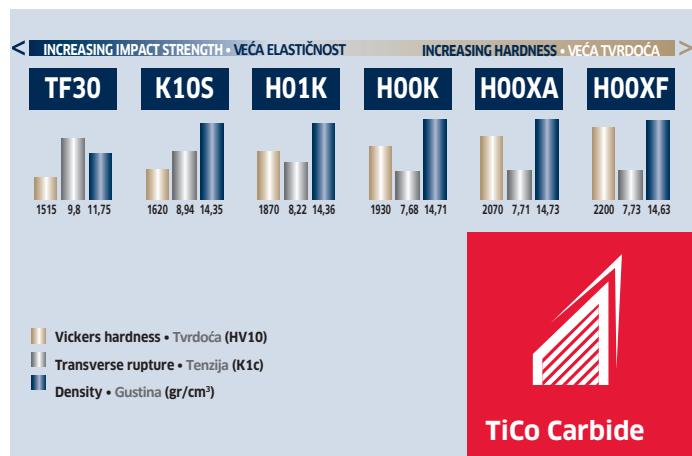


In-house Tungsten Carbide (HW) production

- TiCo Carbide is a specially formulated, highly compact Titanium Cobalt Carbide, engineered and manufactured in-house by freud.
- Special HW grades are mixed based on application needs and checked according to strict quality criteria.
- Special tooth geometries are developed for perfect cuts.

Proizvodnja Tungsten Karbida (HW) "u kući"

- TiCo Karbid je specijalna formula, visokokompaktna verzija Titanijum Kobalt Karbida, stvorena i proizvedena "u kući" od strane FREUD-a.
- Specijalne klase HW mešaju se po potrebi i proveravaju po striktnim kriterijumima kvaliteta.
- Specijalna geometrija zuba razvijena je da bi se omogućio savršen rez.



Overview of different standard HW grades.
Tablica različitih standardnih HW klasa.

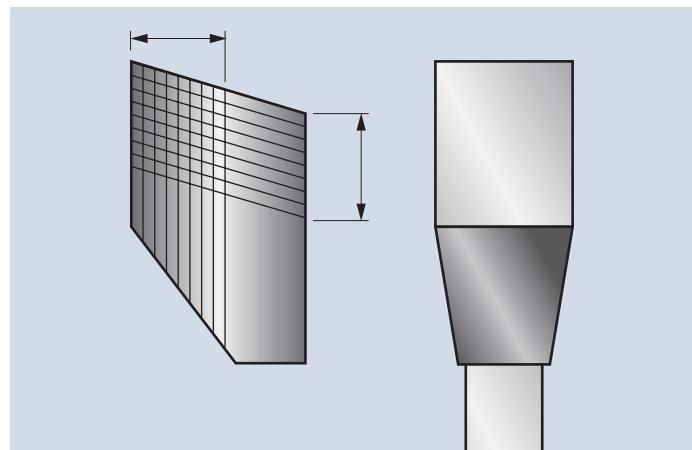
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Multiple sharpenings: super square tooth design

- Tip thickness 30% greater than standard tips.
- Up to 25 sharpenings to extend the product life-time.

Višetruka oštrena: superkvadratni zub

- Debljina vrha 30% veća od standardne.
- Do 25 oštrena i znatno duži radni vek alata.



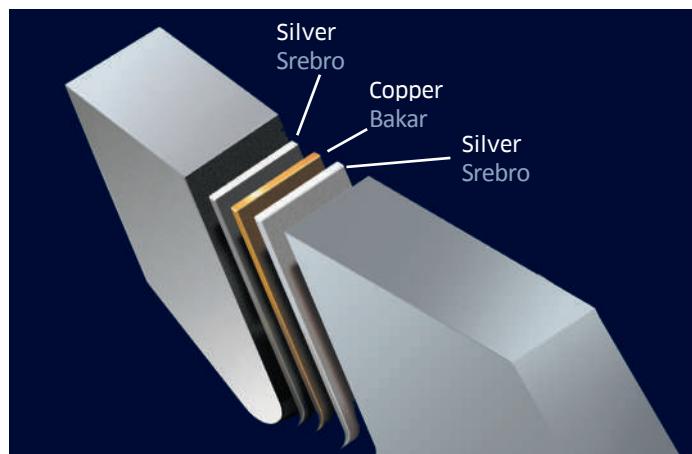
Supersquare tooth.
Superkvadratni zub.

Maximum durability: tri-metal shock resistant brazing

- freud special tri-metal alloy consists of copper wrapped between layers of silver.
- This solution allows the Carbide tips to withstand extreme impact, for maximum durability.

Maksimalna izdržljivost: trimetalni izuzetno otporan sloj

- FREUD-ov specijalni trimetalni sloj sastoji se od bakra između dva sloja srebra.
- Ovakvo rešenje omogućava da Karbidni vrhovi mogu da podnesu ekstremne uslove i imaju maksimalnu trajnost.



Tri-metal brazing.
Trimetalni sloj.

Superior finishing

Superioran završni rez

A flawless result with no re-work
Besprekoran rezultat od prvog do
poslednjeg reza



Reduced friction: Silver I.C.E. Coating

- A high performing and anticorrosive coating to maintain the blade temperature low during the working process.
- The non-stick feature improves chip ejection and notably reduces resin build-up, significantly reducing friction and extending the life time of the blade.

Smanjeno trenje: Silvet I.C.E. zaštitni sloj

- Antikorozivni zaštitni sloj visokih performansi održava temperaturu testere nižom tokom rada.
- Nelepljivi sloj poboljšava radne karakteristike smanjenjem lepljenja piljevine, značajnim smanjenjem trenja i produžavanjem veka trajanja sečiva.



**Silver I.C.E.
Coating**

Silver I.C.E. coating.
Silver I.C.E. zaštitni sloj

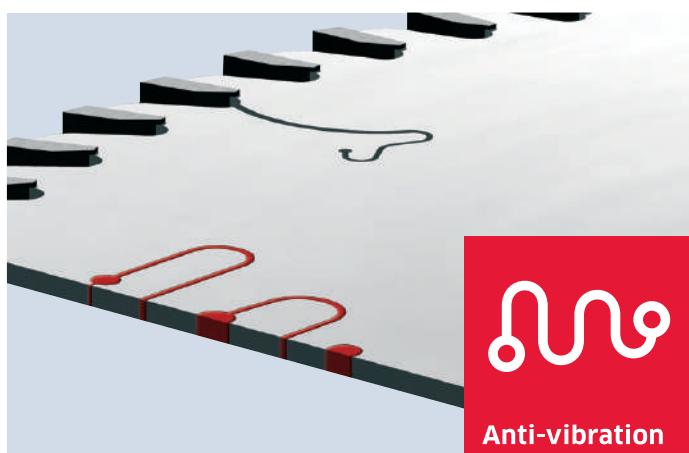
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Improved precision: Anti-vibration slots for the perfect finishing

- Body slots laser cut with freud innovative technology.
- Also available with thermoplastic polyurethane filling, that considerably reduces vibration and minimizes noise.

Poboljšana preciznost: Antivibracioni prorez za savršen rez

- Prorezni na telu testere laserski su usečeni uz pomoć inovativne FREUD-ove tehnologije.
- Prorezni su popunjeni termoplastičnim poliuretanskim materijalom, koji značajno smanjuje vibracije vibracije i buku.



Anti-vibration

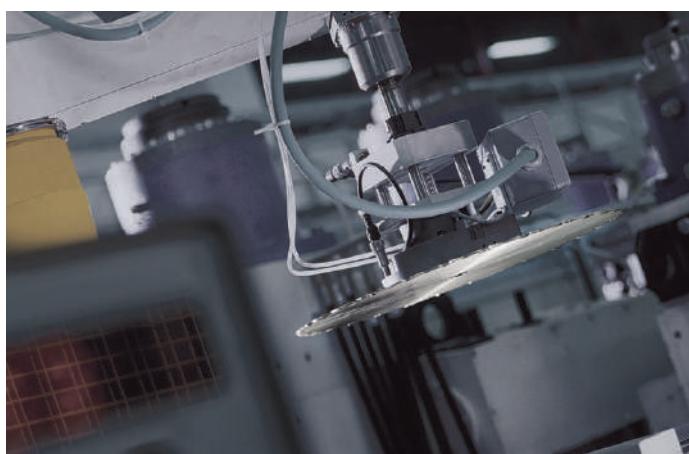
Section view of the antivibration slots.
Presek antivibracionih prostate

No blade distortion: laser cut steel, tensioning and balancing

- The high strength laser cut steel extends the blade durability, whereas the tensioning process guarantees maximum precision.
- An automated system balances freud blades one by one, eliminating completely the harmful vibrations.

Nema krivljenja testere: laserski sečen čelik, zategnut i balansiran

- Izuzetno izdržljiv laserski sečen čelik produžava vek trajanja testere, dok proces zatezanja garantuje maksimalnu preciznost.
- Automatizovan sistem balansira sve FREUD testere, eliminirajući potpuno štetne vibracije.



Balancing.
Balansiranje.

Circular saw blades for INDUSTRIAL MACHINES

Kružne testere za INDUSTRISKE MAŠINE

Choose the right tool
Izaberite odgovarajući alat

* LM10 - Only softwood
* LM10 - Samo meko drvo

Suitable for / Odgovarajuće za	Ultimate Najbolja	PERFORMANCE / PERMANSE	
		High Odlična	Good Dobra
Solid wood Masiv	 Multi-rip saw blades for ripping Testere za višelisne cirkulare - uzdužan rez	LM01 - LM10*	LM02-LM03-LM04-LM05-LM06-LM07-LM08
	 Ripping Uzdužan rez	LU1F-LU1G	LU1C-LU1D-LU1E-LU2A-LU2B-LG1C
	 Cross cutting Poprečan rez	LU2A-LU2B-LU2C-LU2D-LU2F	LU2E-LG2C LU1A-LU1E
	 Ripping and cross cutting Uzdužan i poprečan rez		LG2A-LG2B-LU1H LU1B
Laminated Laminati	 Saw blades for cutting laminates Testere za rezanje laminata	LSB X LSB-LU3A-LU3B-LU3C-LU3D-LU3E-LU3F	LG3D
	 Scoring saw blades for laminates Predrezači za laminate	LI13MD-LI13MS-LI14MD-LI14MS-LI16M-LI17M-LI20M-LI22MD-LI22MS-LI25M-LI27M	
Wood composites Drveni kompoziti		LSB X LSB-LU2C-LU2D-LU2E-LU2F-LU3A-LU3B-LU3C-LU3D-LU3F	LU2A-LU2B-LU3E-LG2A-LG2B-LG2C-LG3D LU1E-LU1H
Veneered Furnir		LU3A-LU3B-LU3C-LU3D-LU3E-LU3F	LG3D
Picture frames Ramovi		LU1I-LU1L	
Non ferrous metals Obojeni metali		LU5F LU5A-LU5B-LU5C-LU5D-LU5E	
Ferrous metals Crni metali		LU6A	
Plexiglas Pleksiglas		LU4A-LU4B	
Plastic materials Plastični materijali		LU5F LU4A-LU4B-LU5D-LU5B	LU2C-LU2D-LU2F-LG2C-LU3F
PVC PVC		LU5F	LU5B - LU5D
Solid surfaces Radne ploče		LU4D	

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Circular saw blades for PORTABLE MACHINES

Kružne testere za RUČNE CIRKULARE

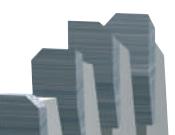
Choose the right tool
Izaberite odgovarajući alat

Suitable for / Odgovarajuća za:		PERFORMANCE / PERMANSE		
		Ultimate Najbolja	High Odlična	Good Dobra
Solid wood Masiv	 Ripping Uzdužan rez	LP60M		
	 Cross cutting Poprečan rez	LP40M-LP60M		
	 Ripping and cross cutting Uzdužan i poprečan rez		LP20M-LP30M-LP60M	LP70M
Laminated Laminati	 Saw blades for cutting laminates Testere za rezanje laminata	LP67M	LP85M-LP91M-LP40M	
Wood composites Drveni kompoziti			LP91M	LP40M
Veneered Furnir			LP91M	
Non ferrous metals Obojeni metali		LP80M	LP85M-LP91M-LP40M	
Ferrous metals Crni metali		LP90M	LP91M	
Plexiglas & plastic materials Pleksiglas i plastični materijali			LP91M	
PVC PVC			LP91M	
Solid surfaces Radne ploče			LP91M	

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Teeth shape varieties as applied to saw blades

Vrste zuba po tipovima testera

FLAT TOOTH RAVAN ZUB	DOUBLE TRIPLE CHIP TOOTH DUPLI TRAPEZNI ZUB	CONICAL TOOTH NAIZMENIČAN KOSI ZUB	BEVELLED TOOTH NAIZMENIČAN BW ZUB
LM01 - LM02 - LM05 - LM06 - LM07 - LM08 - LM10 - LU1E - LI20M - LI17M - LT18M - LT20M	LSC - LU4D - LU6A	LI25M	LU1B
			
Suitable for / Odgovarajući za:	Suitable for / Odgovarajući za:	Suitable for / Odgovarajući za:	Suitable for / Odgovarajući za:
 Ripping of softwood Legno tenero lungo vena	 Ferrous metals Metalli ferrosi	 Laminates (scoring saw blades) Laminati (lame incisore)	 Ripping and cross cutting of softwood Legno tenero lungo e traverso vena
 Ripping of hardwood Legno duro lungo vena	 Solid surfaces Materiali polimerici		 Ripping and cross cutting of hardwood Legno duro lungo e traverso vena
			 Chipboard Truciolare
			 Solid wood and composites with nails and impurities Legni e compositi con chiodi o impurità

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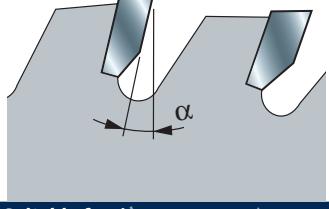
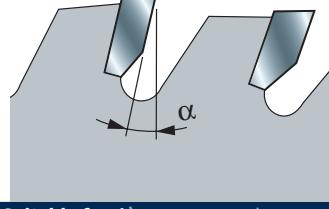
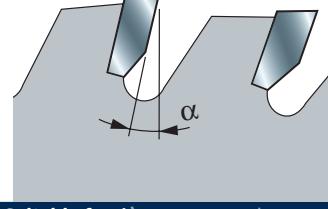
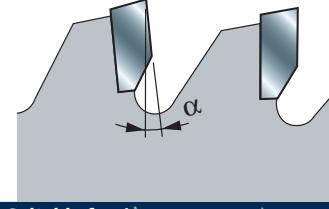
FLAT-TRIPLE CHIP TOOTH RAVAN - TRAPEZNI ZUB	INCLINED TOOTH KOSI ZUB	PYRAMID TOOTH PIRAMIDALNI ZUB	AXIAL TOOTH AKSIJALNI ZUB
LU3D - LU3E - LU3F - LG3D - LU4A - LU5A - LU5B - LU5C - LU5D - LU5E - LP40 - LP80 - LP90 - LP85 - LP91	LI22M - LI13M - LI14M - LT16M - LT12M - LT14M	LU5F	LU1L - LU4B
			
Suitable for / Odgovarajući za:	Suitable for / Odgovarajući za:	Suitable for / Odgovarajući za:	Suitable for / Odgovarajući za:
 Laminates / bilaminates Laminati / obostrano oplemenjeni pločasti materijali	 Cross cutting of softwood Poprečno rezanje mekog drveta	 PVC	 Cross cutting of softwood Poprečno rezanje mekog drveta
 Chipboard Iverica	 Cross cutting of hard-wood Poprečno rezanje tvrdog drveta	 Non-ferrous metals Obojeni metali	 Cross cutting of hard-wood Poprečno rezanje tvrdog drveta
 MDF Medijapan (MDF)	 Laminates / bilaminates Laminati / obostrano oplemenjeni pločasti materijali		 Picture frames Ramovi za slike
 Plywood Furnir (šper)	 Plywood Furnir (šper)		 Plexiglas
 Plexiglas Pleksiglas	 Scoring saw blades, for laminates Predrezači, za laminate		 Plastic materials Plastični materijali
 Plastic materials Plastični materijali			
 Non-ferrous metals Obojeni metali			

Teeth shape varieties as applied to saw blades

Vrste zuba po tipovima testera

CONCAVE TOOTH KONKAVNI ZUB	ROUNDED TOOTH ZAOBLJENI ZUB	ALTERNATE TOP BEVEL TOOTH NAIZMENIČNI BW ZUB
LU3B - LU3C	LU1G	LM03 - LM04 - LM08 - LU1A/C/D/F/H/I - LU2A/B/C/D/E/F - LU3A - LG1C - LG2A - LG2B - LG2C - LI16M LI27M - LP20M - LP30M - LP40M - LP60M - LP67M - LP70M
		
Suitable for / \	Suitable for / \	Suitable for / \
 Laminates / bilaminates Laminati / obostrano oplemenjeni pločasti materijali	 Ripping of softwood Uzdužno rezanje mekog drveta	 Ripping and cross cutting of softwood Uzdužno i poprečno rezanje mekog drveta
		 Ripping and cross cutting of hardwood Uzdužno i poprečno rezanje tvrdog drveta
		 Chipboard Iverica
		 MDF Medijapan (MDF)
		 Plywood Furnir (šper)
		 Picture frames Ramovi za slike

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HOOK ANGLES GRUDNI UGOVI	(α) 15° ÷ 25°	(α) 5° ÷ 15°	(α) 0° ÷ 5°	(α) 0° ÷ -10°
				
Suitable for / \	Suitable for / \	Suitable for / \	Suitable for / \	
 Cross cutting of softwood Poprečno rezanje mekog drveta	 Chipboard Iverica	 Chipboard Iverica	 Plexiglas Pleksiglas	
 Cross cutting of hardwood Poprečno rezanje tvrdog drveta	 Plywood Furnir (šper)	 Non-ferrous metals Obojeni metali	 Plastic materials Plastični materijali	
 Solid surfaces Kompaktni materijali (radne ploče)	 Laminates / bilaminates Laminati / obostrano oplemenjeni pločasti materijali	 Ferrous metals Crni metali	 Non-ferrous metals Obojeni metali	
	 PVC		 Laminates / bilaminates Laminati / obostrano oplemenjeni pločasti materijali	

Reference table of saw blades for panel sizing machines

Referentna tabela testera za formatizere

Machine type Tip mašine	Tool type * Tip alata*	D mm	B-B1 mm	b mm	d mm	Z	Tooth type Tip zuba	α	β	NL Pomoći otvori	Code Šifra	SAP SAP
Anthon												
LN (90)	Main saw blade	400	4,4	3,2	60	72	TCG	10°	15°	2/14/100 + 2/11/85	LSB40017	F03FS07931
	Scoring saw blade	180	4,3-5,5	3,2	20	28	CON	8°	15°		LI25M43NA3	F03FS02661
	Scoring saw blade	180	4,3-5,5	3,2	20	36	CON	8°	15°		LI25M43XA3	F03FS06372
LNA (100), LN (120)	Main saw blade	450	4,4	3,2	60	72	TCG	15°	15°	2/14/125	LSB45008X	F03FS09182
	Scoring saw blade	180	4,3-5,5	3,2	20	36	CON	8°	15°		LI25M43XA3	F03FS06372
LNB (200), LNC (210)	Main saw blade	700	6,2	4,2	80	60	TCG	18°	15°	2/17/110	LSB70001	F03FS07036
	Scoring saw blade	180	5,7-6,9	4,0	20	36	CON	8°	15°		LI25M57NA3	F03FS02727
Porta 100	Main saw blade	400	4,4	3,2	60	72	TCG	15°	15°	2/14/100+2/11/85	LSB40017	F03FS07931
	Scoring saw blade	180	4,3-5,5	3,2	20	36	CON	8°	15°		LI25M43XA3	F03FS06372
Porta 150	Main saw blade	500	4,4	3,2	60	60	TCG	15°	15°	2/11/115	LSB50009X	F03FS09189
	Scoring saw blade	180	4,3-5,5	3,2	20	36	CON	8°	15°		LI25M43XA3	F03FS06372
Baldan												
SH-2900	Main saw blade	250	4,2	3,0	55	60	TCG	15°	15°	GATECH www.freud.rs	LSB25002	F03FS07366
	Scoring saw blade	110	4,1 - 5,2	2,8	45	24	CON	0°	15°		LI25M41CE3	F03FS07365
SH-2945	Main saw blade	280	4,4	3,2	55	60	TCG	15°	15°	2/10/70	LSB28001	F03FS08161
	Scoring saw blade	125	4,3 - 5,5	3,2	45	24	CON	0°	15°		LI25M43FE3	F03FS02645
Scm - Gabbiani												
Galaxy 90	Main saw blade	300	4,4	3,0	80	60	TCG	15°	15°	4/9/100+2/14/110	LSB30004X	F03FS09157
	Main saw blade	300	4,4	3,0	80	72	TCG	15°	15°	4/9/100+2/14/110	LSB30008X	F03FS07804
	Scoring saw blade	200	4,3-5,5	3,2	80	36	CON	8°	15°	2/14/110	LI25M43PL3	F03FS02683
	Postforming scorer	300	4,7	3,2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
Galaxy 85	Main saw blade	350	4,4	3,2	80	72	TCG	15°	15°	4/9/100+2/9/110+2/14/110	LSB35005X	F03FS07635
	Scoring saw blade	200	4,3-5,5	3,2	80	36	CON	8°	15°	2/14/110	LI25M43PL3	F03FS02683
Galaxy 115	Main saw blade	400	4,4	3,2	80	72	TCG	15°	15°	4/9/100+2/9/110+2/14/110	LSB40012X	F03FS09173
	Scoring saw blade	200	4,3-5,5	3,2	80	36	CON	8°	15°	2/14/110	LI25M43PL3	F03FS02683
Galaxy 140, Elite	Main saw blade	450	4,4	3,2	80	72	TCG	15°	15°	2/9/130+2/14/110+4/19/120	LSB45009X	F03FS07811
	Scoring saw blade	200	4,3-5,5	3,2	80	36	CON	8°	15°	2/14/110	LI25M43PL3	F03FS02683
Galaxy3 110, 110A	Main saw blade	400	4,4	3,2	80	72	TCG	15°	15°	4/9/100+2/9/110+2/14/110	LSB40012X	F03FS09173
	Scoring saw blade	200	4,3-5,5	3,2	80	36	CON	8°	15°	2/14/110	LI25M43PL3	F03FS02683
	Postforming scorer	300	4,7	3,2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
Galaxy3 130, 130A	Main saw blade	430	4,4	3,2	80	72	TCG	15°	15°	2/14/110+4/19/120+2/9/130	LSB43009X	F03FS07909
	Scoring saw blade	200	4,3-5,5	3,2	80	36	CON	8°	15°	2/14/110	LI25M43PL3	F03FS02683
	Postforming scorer	300	4,7	3,2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
Galaxy3 145	Main saw blade	430	4,4	3,2	80	72	TCG	15°	15°	2/9/130+2/14/110+4/19/120	LSB45009X	F03FS07811
	Scoring saw blade	200	4,3-5,5	3,2	80	36	CON	8°	15°	2/14/110	LI25M43PL3	F03FS02683
Giben												
G 2000 Starmatic	Main saw blade	400	4,4	3,2	75	72	TCG	15°	15°	4/15/105+2/7/110	LSB40008X	F03FS07726
	Main saw blade	400	4,4	3,2	75	84	TCG	15°	15°	4/15/105+2/7/110	LSB40019X	F03FS08990
	Scoring saw blade	125	4,5-5,7	3,0	45	24	CON	0°	15°		LI25M45FE3	F03FS02699
MK, Gamma, N, ST, SE, Trend	Main saw blade	355	4,4	3,2	75	72	TCG	15°	15°	4/15/105	LSB35505X	F03FS07633
	Scoring saw blade	125	4,3-5,5	3,2	45	24	CON	0°	15°		LI25M43FE3	F03FS02645

* Tool type - Tip alata

Main saw blade / Glavna testera, Scoring saw blade / Predrezač, Postforming scorer / Predrezač za postforming

Reference table of saw blades for panel sizing machines

Referentna tabela testera za formatizere

Machine type Tip mašine	Tool type * Tip alata*	D mm	B-B1 mm	b mm	d mm	Z	Tooth type Tip zuba	α	β	NL Pomoćni otvori	Code Šifra	SAP SAP
Prismatic 101	Main saw blade	400	4,4	3,2	75	72	TCG	15°	15°	4/15/105+2/7/110	LSB40008X	F03FS07726
	Scoring saw blade	160	4,3-5,5	3,0	45	36	CON	8°	15°	3/11/70	LI25M43LE3	F03FS02655
Prismatic 2, 3 Prismatic 2, 3	Main saw blade	470	4,4	3,2	75	96	TCG	15°	15°	4/15/105	LSB47004X	F03FS09184
	Scoring saw blade	215	4,3-5,5	3,2	50	42	CON	8°	15°	2/7/80+3/15/80	LI25M43QF3	F03FS02685
	Scoring saw blade	215	4,5-5,7	3,2	50	42	CON	8°	15°	3/15/80	LI25M45PF3	F03FS02713
	Scoring saw blade	300	4,3-5,5	3,5	50	48	CON	12°	15°		LI25M43RM3	F03FS02693
	Postforming scorer	300	4,6	3,2	50	72	ATB	15°	15°	3/15/80	LI27M DD3	F03FS02743
Prismatic 201	Main saw blade	400	4,4	3,2	75	72	TCG	15°	15°	4/15/105+2/7/110	LSB40008X	F03FS07726
	Main saw blade	430	4,4	3,2	75	72	TCG	15°	15°	4/15/105+2/7/110	LSB43008X	F03FS07908
	Scoring saw blade	215	4,3-5,5	3,2	50	42	CON	8°	15°	2/7/80+3/15/80	LI25M43QF3	F03FS02685
	Scoring saw blade	300	4,3-5,5	3,5	50	48	CON	12°	15°		LI25M43RM3	F03FS02693
	Postforming scorer	300	4,6	3,2	50	72	ATB	15°	15°	3/15/80	LI27M DD3	F03FS02743
Smart SP105, Icon 105	Main saw blade	380	4,4	3,2	50	72	ATB	15°	15°	4/13/80	LSB38008X	F03FS09165
	Scoring saw blade	250	4,3-5,5	3,2	50	48	CON	6°	15°		LI25M43OF3	F03FS02669
	Postforming scorer	380	4,4	3,2	50	60	ATB	10°	15°	4/13/80	LSB38007	F03FS04000
Haisung Woodworking Machinery												
HSWWMC- 2600III/3200III	Main saw blade	400	4,4	3,2	75	72	TCG	15°	15°	4/15/105+2/7/110	LSB40008X	F03FS07726
	Scoring saw blade	152	4,3 - 5,5	3,2	45	36	CON	8°	15°		LI25M43KE3	F03FS02651
Hansol Machine												
NCNC- 2600H10/2600H13/3660H13	Main saw blade	400	4,4	3,2	75	72	TCG	15°	15°	4/15/105+2/7/110	LSB40008X	F03FS07726
	Scoring saw blade	145	4,3 - 5,5	3,2	45	30	CON	8°	15°		LI25M43WE3	F03FS08015
NCNC-2600	Main saw blade	350	4,4	3,2	75	72	TCG	15°	15°		LSB35008X	F03FS07634
	Scoring saw blade	145	4,3 - 5,5	3,2	45	30	CON	8°	15°		LI25M43WE3	F03FS08015
Holz Her												
Cut 110	Main saw blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60+2/13/94	LSB40007X	F03FS07725
	Scoring saw blade	250	4,3-5,5	3,2	30	48	CON	6°	15°	2/10/60	LI25M43OC3	F03FS02668
	Postforming scorer	250	4,6	3,2	30	48	ATB	8°	15°		LI27M BA3	F03FS02734
Cut 85, 82	Main saw blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
	Scoring saw blade	180	4,3-5,5	3,2	30	28	CON	8	15°		LI25M43NC3	F03FS02663
	Scoring saw blade	180	4,3-5,5	3,2	30	36	CON	8°	15°	GATECH www.freud.rs	LI25M43XN3	F03FS06373
	Postforming scorer	250	4,6	3,0	30	48	ATB	10°	15°		LI27M BA3	F03FS02734
Holzma												
22	Main saw blade	500	4,8	3,5	60	72	TCG	15°	15°	2/11/115	LSB50011X	F03FS09191
	Scoring saw blade	200	4,7-5,9	3,5	45	36	CON	8°	15°		LI25M47PE3	F03FS02719
	Postforming scorer	340	5,0	3,5	45	108	ATB	15°	15°	3/14/65	LI27M EB3	F03FS02747
HPP180	Main saw blade	380	4,4	3,2	60	72	TCG	15°	15°	2/14/100	LSB38002X	F03FS07631
	Scoring saw blade	180	4,3-5,5	3,2	45	36	CON	8°	15°		LI25M43NE3	F03FS02664
	Scoring saw blade	200	4,3-5,5	3,2	45	36	CON	8°	15°		LI25M43PE3	F03FS02676
HPP350	Main saw blade	350	4,4	3,2	60	72	TCG	15°	15°	2/14/100	LSB35008X	F03FS07634
	Scoring saw blade	180	4,3-5,5	3,2	45	36	CON	8°	15°		LI25M43NE3	F03FS02664

* Tool type - Tip alata

Main saw blade / Glavna testera, Scoring saw blade / Predrezač, Postforming scorer / Predrezač za postforming

Reference table of saw blades for panel sizing machines

Referentna tabela testera za formatizere

Machine type Tip mašine	Tool type * Tip alata*	D mm	B-B1 mm	b mm	d mm	Z	Tooth type Tip zuba	α	β	NL Pomoći otvori	Code Šifra	SAP SAP
HPP380, 82	Main saw blade	380	4,4	3,2	60	72	TCG	15°	15°	2/14/100	LSB38002X	F03FS07631
	Main saw blade	380	4,8	3,5	60	72	TCG	15°	15°	2/14/100	LSB38004X	F03FS07632
	Main saw blade	380	4,8	3,5	60	84	TCG	15°	15°	2/14/100	LSB38005X	F03FS07807
	Scoring saw blade	180	4,3-5,5	3,2	45	36	CON	8°	15°		LI25M43NE3	F03FS02664
	Scoring saw blade	180	4,7-5,9	3,5	45	36	CON	8°	15°		LI25M47NE3	F03FS02715
	Postforming scorer	280	5,0	3,5	45	84	ATB	15°	15°		LI27M CA3	F03FS02736
HPL410	Main saw blade	420	4,8	3,5	60	60	TCG	15°	15°	2/14/125	LSB42001	F03FS04045
	Main saw blade	420	4,8	3,5	60	84	TCG	15°	15°	2/14/100+2/14/125	LSB42002X	F03FS09176
	Scoring saw blade	180	4,7-5,9	3,5	45	36	CON	8°	15°		LI25M47NE3	F03FS02715
	Postforming scorer	340	5,0	3,5	45	108	ATB	15°	15°	3/14/65	LI27M EB3	F03FS02747
HPL550	Main saw blade	520	4,8	3,5	60	72	TCG	15°	15°	2/11/115+2/19/120	LSB52003X	F03FS09192
	Scoring saw blade	200	4,7-5,9	3,5	45	36	CON	8°	15°		LI25M47PE3	F03FS02719
	Postforming scorer	340	5,0	3,5	45	108	ATB	15°	15°	3/14/65	LI27M EB3	F03FS02747
HPL570	Main saw blade	570	4,8	3,5	60	60	TCG	15°	15°	2/11/115+2/19/120	LSB57001X	F03FS09199
	Scoring saw blade	200	4,7-5,9	3,5	45	36	CON	8°	15°		LI25M47PE3	F03FS02719
	Postforming scorer	340	5,0	3,5	45	108	ATB	15°	15°	3/14/65	LI27M EB3	F03FS02747
HPP230, 250 (before / pre 06/2014)	Main saw blade	300	4,4	3,2	60	72	TCG	15°	15°	2/14/100	LSB30012X	F03FS09207
	Main saw blade	350	4,4	3,2	60	72	ATB	15°	15°	2/14/100	LSB35004X	F03FS07636
	Scoring saw blade	200	4,3-5,5	3,2	45	36	CON	8°	15°		LI25M43PE3	F03FS02676
	Scoring saw blade	180	4,3-5,5	3,2	45	36	CON	8°	15°		LI25M43NE3	F03FS02664
HPP130	Main saw blade	300	4,4	3,2	60	60	TCG	15°	15°	2/14/100	LSB30012X	F03FS09207
	Scoring saw blade	150	4,3-5,6	3,2	45	36	CON	8°	15°		GA TECH www.freud.rs	LI25M43KE3
	Scoring saw blade	180	4,3-5,5	3,2	45	36	CON	8°	15°		LI25M43NE3	F03FS02664
HPP42, 33	Main saw blade	600	5,8	4,0	60	60	TCG	15°	15°	2/11/115+2/19/120	LSB60001X	F03FS09200
	Main saw blade	600	5,8	4,0	60	72	TCG	15°	15°	2/11/115+2/19/120	LSB60002X	F03FS09201
	Scoring saw blade	200	5,7-6,9	4,0	45	36	CON	8°	15°		LI25M57PE3	F03FS02728
HPP430, 510, 11	Main saw blade	450	4,8	3,5	60	72	TCG	15°	15°	2/17/100+2/14/125	LSB45017X	F03FS07391
	Scoring saw blade	180	4,7-5,9	3,5	45	36	CON	8°	15°		LI25M47NE3	F03FS02715
	Postforming scorer	340	5,0	3,5	45	108	ATB	15°	15°	3/14/65	LI27M EB3	F03FS02747
HPP61, 66	Main saw blade	670	5,8	4,2	60	60	TCG	18°	13°	2/11/148+2/19/120	LSB67001	F03FS04214
	Main saw blade	730	6,2	4,2	60	60	TCG	18°	15°	2/11/148+2/19/120	LSB73001	F03FS04220
	Scoring saw blade	200	6,1-7,3	4,2	45	36	CON	8°	15°		LI25M61PE3	F03FS02731
Homag												
CH 04	Main saw blade	355	4,4	3,2	75	72	TCG	15°	15°	3/7/100	LSB35507X	F03FS07710
	Scoring saw blade	180	4,3-5,5	3,2	45	36	CON	8°	15°		LI25M43NE3	F03FS02664
	Postforming scorer	300	4,5	3,0	75	72	ATB	10°	15°		LI27M DE3	F03FS02744
CH 08/12	Main saw blade	400	4,4	3,2	75	72	TCG	15°	15°	4/15/105+2/7/110	LSB40008X	F03FS07726
	Scoring saw blade	150	4,3-5,6	3,2	45	36	CON	8°	15°		LI25M43KE3	F03FS02651
CH 3	Main saw blade	300	4,4	3,0	75	60	TCG	10°	15°		LSB30003	F03FS03916
	Scoring saw blade	125	4,3-5,5	3,2	45	24	CON	0°	15°		LI25M43FE3	F03FS02645
CT 04/40	Main saw blade	300	4,4	3,0	75	60	TCG	10°	15°		LSB30003	F03FS03916
	Scoring saw blade	150	4,3-5,6	3,2	45	36	CON	8°	15°		LI25M43KE3	F03FS02651

* Tool type - Tip alata

Main saw blade / Glavna testera, Scoring saw blade / Predrezač, Postforming scorer / Predrezač za postforming

Reference table of saw blades for panel sizing machines

Referentna tabela testera za formatizere

Machine type Tip mašine	Tool type * Tip alata*	D mm	B-B1 mm	b mm	d mm	Z	Tooth type Tip zuba	α	β	NL Pomoći otvori	Code Šifra	SAP SAP
CV's	Main saw blade	300	4,4	3,0	75	60	TCG	10°	15°		LSB30003	F03FS03916
	Scoring saw blade	125	4,3-5,5	3,2	45	24	CON	0°	15°		LI25M43FE3	F03FS02645
Hyundai Sangi												
CNC-740SD/CNC-740LSD	Main saw blade	400	4,4	3,2	75	72	TCG	15°	15°	4/15/105+2/7/110	LSB40008X	F03FS07726
	Scoring saw blade	200	4,3 - 5,5	3,2	45	36	CON	8°	15°		LI25M43PE3	F03FS02676
	Scoring saw blade	200	4,3 - 5,5	3,2	75	36	CON	8°	15°		LI25M43PT3	F03FS07755
CNC-760SD/CNC-760LSD	Main saw blade	470	4,4	3,2	75	72	TCG	15°	15°	4/15/105	LSB47003X	F03FS09813
	Scoring saw blade	200	4,3 - 5,5	3,2	45	36	CON	8°	15°		LI25M43PE3	F03FS02676
	Scoring saw blade	200	4,3 - 5,5	3,2	75	36	CON	8°	15°		LI25M43PT3	F03FS07755
KDT												
KS-226, 232	Main saw blade	355	4,4	3,2	75	72	TCG	15°	15°	4/15/105	LSB35505X	F03FS07633
	Main saw blade	400	4,4	3,2	75	72	TCG	15°	15°	4/15/105+2/7/110	LSB40008X	F03FS07726
	Main saw blade	400	4,4	3,2	75	84	TCG	15°	15°	4/15/105+2/7/110	LSB40019X	F03FS08990
	Scoring saw blade	180	4,3-5,5	3,2	30	36	CON	8°	15°		LI25M43XN3	F03FS06373
KS-829P, 829CP	Main saw blade	400	4,4	3,2	75	72	TCG	15°	15°	4/15/105+2/7/110	LSB40008X	F03FS07726
	Main saw blade	400	4,4	3,2	75	84	TCG	15°	15°	4/15/105+2/7/110	LSB40019X	F03FS08990
	Scoring saw blade	200	4,3-5,5	3,2	50	36	CON	8°	15°	2/7/80	LI25M43PF3	F03FS02679
KS-823P, 832CP	Main saw blade	400	4,4	3,2	75	72	TCG	15°	15°	4/15/105+2/7/110	LSB40008X	F03FS07726
	Main saw blade	400	4,4	3,2	75	84	TCG	15°	15°	4/15/105+2/7/110	LSB40019X	F03FS08990
	Scoring saw blade	200	4,3-5,5	3,2	50	36	CON	8°	15°	2/7/80	LI25M43PF3	F03FS02679
KS-838CP	Main saw blade	400	4,4	3,2	75	72	TCG	15°	15°	4/15/105+2/7/110	LSB40008X	F03FS07726
	Main saw blade	400	4,4	3,2	75	84	TCG	15°	15°	4/15/105+2/7/110	LSB40019X	F03FS08990
	Scoring saw blade	200	4,3-5,5	3,2	50	36	CON	8°	15°	2/7/80	LI25M43PF3	F03FS02679
Nanxing												
NZH3318, NPD380	Main saw blade	450	4,8	3,5	60	72	TCG	15°	15°	2/17/100+2/14/125	LSB45017X	F03FS07391
	Scoring saw blade	180	4,7-5,9	3,5	45	36	CON	8°	15°		LI25M47NE3	F03FS02715
NPL330HG, NP330H, NP330HG	Main saw blade	450	4,8	3,5	60	72	TCG	15°	15°	2/17/100+2/14/125	LSB45017X	F03FS07391
	Scoring saw blade	180	4,7-5,9	3,5	45	36	CON	8°	15°		LI25M47NE3	F03FS02715
NPC330	Main saw blade	380	4,4	3,2	60	72	TCG	15°	15°	2/14/100	LSB38002X	F03FS07631
	Main saw blade	350	4,4	3,2	60	72	TCG	15°	15°	2/14/100	LSB35004X	F03FS07636
	Scoring saw blade	200	4,3-5,5	3,2	45	36	CON	8°	15°		LI25M43PE3	F03FS02676
NP380FG, NP330FG, NP330F	Main saw blade	400	4,4	3,2	60	72	TCG	15°	15°	2/14/100	LSB40017X	F03FS09272
	Main saw blade	400	4,4	3,2	60	84	TCG	15°	15°	2/14/100	LSB40021X	F03FS09255
	Scoring saw blade	180	4,3-5,5	3,2	30	36	CON	8°	15°		GATECH www.freud.rs	LI25M43XN3 F03FS06373
NP280FG, NP280F	Main saw blade	180	4,3-5,5	3,2	30	28	CON	8°	15°		LI25M43NC3	F03FS02663
	Main saw blade	400	4,4	3,2	60	72	TCG	15°	15°	2/14/100	LSB40017X	F03FS09272
	Main saw blade	400	4,4	3,2	60	84	TCG	15°	15°	2/14/100	LSB40021X	F03FS09255
NP280FG, NP280F	Main saw blade	350	4,4	3,2	60	72	TCG	15°	15°	2/14/100	LSB35004X	F03FS07636
	Scoring saw blade	180	4,3-5,5	3,2	30	36	CON	8°	15°		LI25M43XN3	F03FS06373
	Scoring saw blade	180	4,3-5,5	3,2	30	28	CON	8°	15°		LI25M43NC3	F03FS02663

* Tool type - Tip alata

Main saw blade / Glavna testera, Scoring saw blade / Predrezač, Postforming scorer / Predrezač za postforming

Reference table of saw blades for panel sizing machines

Referentna tabela testera za formatizere

Machine type Tip mašine	Tool type * Tip alata*	D mm	B-B1 mm	b mm	d mm	Z	Tooth type Tip zuba	α	β	NL Pomoći otvori	Code Šifra	SAP SAP
Panhans												
693/SH 110	Main saw blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60+2/13/94	LSB40007X	F03FS07725
	Scoring saw blade	180	4,3-5,5	3,2	30	28	CON	8°	15°		LI25M43NC3	F03FS02663
Euro 10 SF	Main saw blade	300	4,4	3,0	30	60	TCG	15°	15°	2/10/60	LSB30001X	F03FS07802
	Scoring saw blade	250	4,3-5,5	3,2	30	48	CON	8°	15°	2/10/60	LI25M430C3	F03FS02668
	Postforming scorer	250	4,6	3,0	30	48	ATB	15°	15°		LI27M BA3	F03FS02734
Euro 12 SF	Main saw blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
	Scoring saw blade	280	4,3-5,5	3,2	30	48	CON	6°	15°	2/10/60	LI25M43VC3	F03FS07419
Euro 12, 30	Main saw blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
	Scoring saw blade	180	4,3-5,5	3,2	30	28	CON	8°	15°		LI25M43NC3	F03FS02663
Euro 32	Main saw blade	370	4,4	3,2	30	72	TCG	10°	15°	2/10/60	LSB37001	F03FS03984
	Scoring saw blade	180	4,3-5,5	3,2	30	28	CON	8°	15°		LI25M43NC3	F03FS02663
Euro 5 (SF, Compact, Ecopan)	Main saw blade	300	4,4	3,0	30	60	TCG	15°	15°	2/10/60	LSB30001X	F03FS07802
	Scoring saw blade	125	4,3-5,5	3,0	20	24	CON	0°	15°		LI25M43FA3	F03FS02643
Euro10, 693/SH 70	Main saw blade	300	4,4	3,0	30	60	TCG	15°	15°	2/10/60	LSB30001X	F03FS07802
	Scoring saw blade	125	4,3-5,5	3,2	20	24	CON	0°	15°		LI25M43FA3	F03FS02643
	Scoring saw blade	180	4,3-5,5	3,2	30	28	CON	8°	15°		LI25M43NC3	F03FS02663
Eurostar 2 XL, Polystar	Main saw blade	370	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSC37001	F03FS06312
	Scoring saw blade	180	4,3-5,5	3,2	30	28	CON	8°	15°		LI25M43NC3	F03FS02663
	Scoring saw blade	280	4,3-5,5	3,2	30	48	CON	6°	15°	2/10/60	LI25M43VC3	F03FS07419
Eurostar 2 XXL	Main saw blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60+2/13/94	LSB40007X	F03FS07725
	Scoring saw blade	180	4,3-5,5	3,2	30	28	CON	8°	15°		LI25M43NC3	F03FS02663
	Scoring saw blade	280	4,3-5,5	3,2	30	48	CON	6°	15°	2/10/60	LI25M43VC3	F03FS07419
Polypan 47	Main saw blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
	Scoring saw blade	180	4,3-5,5	3,2	30	28	CON	8°	15°	GATECH www.freud.rs	LI25M43NC3	F03FS02663
	Postforming scorer	300	4,6	3,0	30	72	ATB	15°	15°		LI27M DF3	F03FS02745
S 45	Main saw blade	300	4,4	3,0	30	60	TCG	15°	15°	2/10/60	LSB30001X	F03FS07802
	Main saw blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
	Scoring saw blade	180	4,3-5,5	3,2	30	28	CON	8°	15°		LI25M43NC3	F03FS02663
Scheer												
PA 6000, 5500	Main saw blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
	Scoring saw blade	200	4,3-5,5	3,2	30	36	CON	8°	15°	2/9/60 + 2/10/60	LI25M43PC3	F03FS02674
ATH	Main saw blade	620	6,2	4,2	40	60	TCG	18°	13°	2/13/114+2/13/140	LSB62001	F03FS04212
	Main saw blade	620	6,2	4,2	40	72	TCG	15°	15°	2/13/114+2/13/140	LSB62002	F03FS04213
	Scoring saw blade	200	6,1-7,3	4,2	20	36	CON	8°	15°	2/11/66	LI25M61PA3	F03FS02730
Schelling												
ASH (FSM)	Main saw blade	720	6,4	4,4	40	60	TCG	18°	13°	2/14/114+2/14/140	LSB72001X	F03FS09204
	Scoring saw blade	220	6,3-7,5	3,2	20	36	CON	8°	15°	2/11/66	LI25M63UA3	F03FS02732
FK10, FM10	Main saw blade	680	6,2	4,2	40	60	TCG	18°	13°	2/13/140+ 2/17/140+2/13/114	LSB68001X	F03FS09203
	Scoring saw blade	200	6,1-7,3	4,2	20	36	CON	8°	15°	2/11/66	LI25M61PA3	F03FS02730
FH4 (till / fino al 06/2015)	Main saw blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
	Scoring saw blade	300	4,3-5,5	3,2	30	36	CON	8°	15°	2/11/75+2/13/94	LI25M43RC3	F03FS07577

* Tool type - Tip alata

Main saw blade / Glavna testera, Scoring saw blade / Predrezač, Postforming scorer / Predrezač za postforming

Reference table of saw blades for panel sizing machines

Referentna tabela testera za formatizere

Machine type Tip mašine	Tool type * Tip alata*	D mm	B-B1 mm	b mm	d mm	Z	Tooth type Tip zuba	α	β	NL Pomoćni otvori	Code Šifra	SAP SAP
Schelling FH4 (from / od 07/2015 till / do 07/2017)	Main saw blade	360	4,4	3,2	30	72	TCG	15°	15°	2/13/94	LSB36003X	F03FS09341
	Scoring saw blade	200	4,3-5,5	3,2	20	36	CON	8°	15°	2/11/66 +2/10/60+2/9/62	LI25M43PA3	F03FS02670
FH4 (starting from / počevši od 07/2017)	Main saw blade	360	4,4	3,2	30	72	TCG	15°	15°	2/13/94	LSB36003X	F03FS09341
	Scoring saw blade	300	4,3-5,5	3,2	30	36	CON	8°	15°	2/11/75+2/13/94	LI25M43RC3	F03FS07577
FH5	Main saw blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60+2/13/94	LSB40007X	F03FS07725
	Scoring saw blade	200	4,3-5,5	3,2	20	36	CON	8°	15°	2/11/66 +2/10/60+2/9/62	LI25M43PA3	F03FS02670
FH5 (starting from / počevši od 07/2015)	Main saw blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60+2/13/94	LSB40007X	F03FS07725
	Scoring saw blade	300	4,3-5,5	3,2	30	36	CON	8°	15°	2/11/75+2/13/94	LI25M43RC3	F03FS07577
FH6, AH6, CH6 (till 06/2015)	Main saw blade	460	4,4	3,2	30	72	TCG	15°	15°	2/13/94	LSB46001X	F03FS08922
	Scoring saw blade	200	4,3-5,5	3,2	20	36	CON	8°	15°	2/11/66 +2/10/60+2/9/62	LI25M43PA3	F03FS02670
FH6, AH6, CH6 (starting from / počevši od 07/2015)	Main saw blade	480	4,8	3,5	30	72	TCG	15°	15°	2/10/60+2/13/94	LSB48004X	F03FS09187
	Scoring saw blade	220	4,7-5,9	3,5	20	36	CON	8°	15°	2/09/62	LI25M47UA3	F03FS09266
	Scoring saw blade	200	4,7-5,9	3,5	20	36	CON	8°	15°	2/11/66	LI25M47PA3	F03FS02716
FH8, AH8, CH8	Main saw blade	520	4,8	3,5	30	72	TCG	15°	15°	2/13/94	LSB52007	F03FS07878
	Scoring saw blade	220	4,7-5,9	3,5	20	36	CON	8°	15°	2/9/62	LI25M47UA3	F03FS09266
	Scoring saw blade	200	4,7-5,9	3,5	20	36	CON	8°	15°	2/11/66	LI25M47PA3	F03FS02716
FK4 (till / do 06/2015)	Main saw blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
	Scoring saw blade	300	4,3-5,5	3,2	30	48	CON	6°	15°	2/11/75+2/13/94	LI25M43RC3	F03FS07577
FK4 (starting from / počevši od 07/2015)	Main saw blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60+2/13/94	LSB40007X	F03FS07725
	Scoring saw blade	200	4,3-5,5	3,2	20	36	CON	8°	15°	2/11/66 +2/10/60+2/9/62	LI25M43PA3	F03FS02670
FK4 (starting from / počevši od 07/2017)	Main saw blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60+2/13/94	LSB40007X	F03FS07725
	Scoring saw blade	300	4,3-5,5	3,2	30	48	CON	6°	15°	2/11/75+2/13/94	LI25M43RC3	F03FS07577
FK6, FP6, FM6	Main saw blade	460	4,4	3,2	30	72	TCG	15°	15°	2/13/94	LSB46001X	F03FS08922
	Scoring saw blade	200	4,3-5,5	3,2	20	36	CON	8°	15°	2/11/66 +2/10/60+2/9/62	LI25M43PA3	F03FS02670
FK8, FM8	Main saw blade	520	4,8	3,5	30	72	TCG	15°	15°	2/13/94	LSB52007	F03FS07878
	Scoring saw blade	200	4,7-5,9	3,5	20	36	CON	8°	15°	2/11/66	LI25M47PA3	F03FS02716
SCM												
Prima 50	Main saw blade	300	4,4	3,0	80	60	TCG	15°	15°	4/9/100+2/14/110	LSB30004X	F03FS09157
	Main saw blade	300	4,4	3,2	80	72	TCG	15°	15°	4/9/100+2/14/110	LSB30008X	F03FS07804
	Scoring saw blade	160	4,3-5,5	3,2	55	36	CON	8°	15°	3/6/84+3/7/66	LI25M43LG3	F03FS02657
Prima 67	Main saw blade	320	4,4	3,2	80	60	TCG	10°	15°	4/9/100+2/9/110+2/14/110	LSB32006	F03FS07907
	Scoring saw blade	160	4,3-5,5	3,2	55	36	CON	8°	15°	3/6/84+3/7/66	LI25M43LG3	F03FS02657
	Postforming scorer	280	4,7	3,2	80	72	ATB	15°	15°	2/14/110	LI27M47VL3	F03FS08014
Impact 105 C/D, Plus 105 C/D/P	Main saw blade	380	4,4	3,2	80	72	TCG	15°	15°	4/9/100+2/9/110+2/14/110	LSB38010X	F03FS07808
	Scoring saw blade	160	4,3-5,5	3,2	55	36	CON	8°	15°	3/6/84+3/7/66	LI25M43LG3	F03FS02657
Impact 85 K	Main saw blade	350	4,4	3,2	80	72	TCG	15°	15°	4/9/100+2/9/110+2/14/110	LSB35005X	F03FS07635
	Scoring saw blade	160	4,3-5,5	3,2	55	36	CON	8°	15°	3/6/84+3/7/66	LI25M43LG3	F03FS02657
Impact 90	Main saw blade	380	4,4	3,2	80	48	TCG	15°	15°	4/9/100+2/9/110+2/14/110	LSB38009X	F03FS09164
	Scoring saw blade	160	4,3-5,5	3,2	55	36	CON	8°	15°	3/6/84+3/7/66	LI25M43LG3	F03FS02657
	Scoring saw blade	200	4,3-5,5	3,2	80	36	CON	8°	15°	2/14/110	LI25M43PL3	F03FS02683
	Postforming scorer	300	4,7	3,2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741

* Tool type - Tip alata

Main saw blade / Glavna testera, Scoring saw blade / Predrezač, Postforming scorer / Predrezač za postforming

Reference table of saw blades for panel sizing machines

Referentna tabela testera za formatizere

Machine type Tip mašine	Tool type * Tip alata*	D mm	B-B1 mm	b mm	d mm	Z	Tooth type Tip zuba	α	β	NL Pomoći otvori	Code Šifra	SAP SAP
Impact 110	Main saw blade	400	4,4	3,2	80	72	TCG	15°	15°	4/9/100+2/9/110+2/14/110	LSB40012X	F03FS09173
	Scoring saw blade	160	4,3-5,5	3,2	55	36	CON	8°	15°	3/6/84+3/7/66	LI25M43LG3	F03FS02657
	Scoring saw blade	200	4,3-5,5	3,2	80	36	CON	8°	15°	2/14/110	LI25M43PL3	F03FS02683
	Postforming scorer	300	4,7	3,2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
Selco												
EB 70 (kit 80), 75 (Sektor 430), 80 (Sektor 450)	Main saw blade	320	4,4	3,2	65	60	TCG	15°	15°	2/9/110	LSB32003X	F03FS09161
	Main saw blade	320	4,4	3,2	65	72	TCG	15°	15°	2/9/110	LSB32001X	F03FS07805
	Scoring saw blade	200	4,3-5,5	3,2	65	36	CON	8°	15°	2/9/100+2/9/110	LI25M43PI3	F03FS02681
	Scoring saw blade	300	4,3-5,5	3,0	65	48	CON	12°	15°	2/9/100+2/9/110	LI25M43RX3	F03FS07616
	Postforming scorer	300	4,6	3,2	65	72	ATB	15°	15°	2/9/100+2/9/110	LI27M DA3	F03FS02737
WN2	Main saw blade	320	4,4	3,2	65	72	TCG	15°	15°	2/9/110	LSB32001X	F03FS07805
	Scoring saw blade	200	4,3-5,5	3,2	65	36	CON	8°	15°	2/9/100+2/9/110	LI25M43PI3	F03FS02681
EB 70 (L)	Main saw blade	300	4,4	3,0	65	60	TCG	15°	15°	2/9/110	LSB30002X	F03FS09159
	Scoring saw blade	200	4,3-5,5	3,2	65	36	ATB	8°	15°	2/9/100+2/9/110	LI25M43PI3	F03FS02681
	Scoring saw blade	300	4,3-5,5	3,0	65	48	CON	12°	15°	2/9/100+2/9/110	LI25M43RX3	F03FS07616
	Postforming scorer	300	4,6	3,2	65	72	ATB	15°	15°	2/9/100+2/9/110	LI27M DA3	F03FS02737
EB 95, Sektor 470, SK470	Main saw blade	355	4,4	3,2	65	72	TCG	15°	15°	2/9/95 + 2/9/110	LSB35508X	F03FS08740
	Scoring saw blade	200	4,3-5,5	3,2	65	36	CON	8°	15°	2/9/100+2/9/110	LI25M43PI3	F03FS02681
	Scoring saw blade	300	4,3-5,5	3,0	65	48	CON	12°	15°	2/9/100+2/9/110	LI25M43RX3	F03FS07616
	Postforming scorer	300	4,6	3,2	65	72	ATB	15°	15°	2/9/100+2/9/110	LI27M DA3	F03FS02737
EB108, EB110, EB120	Main saw blade	400	4,4	3,2	80	72	TCG	15°	15°	2/15/105+2/9/130+4/19/120	LSB40009X	F03FS07810
	Scoring saw blade	200	4,3-5,5	3,2	65	36	CON	8°	15°	2/9/100+2/9/110	LI25M43PI3	F03FS02681
	Scoring saw blade	300	4,3-5,5	3,0	65	48	CON	12°	15°	2/9/100+2/9/110	LI25M43RX3	F03FS07616
	Postforming scorer	300	4,6	3,2	65	72	ATB	15°	15°	2/9/100+2/9/110	LI27M DA3	F03FS02737
EB/EBT 120, WN 125	Main saw blade	430	4,4	3,2	80	72	TCG	15°	15°	2/14/110+4/19/120+2/9/130	LSB43009X	F03FS07909
	Scoring saw blade	200	4,3-5,5	3,2	65	36	CON	8°	15°	2/9/100+2/9/110	LI25M43PI3	F03FS02681
	Scoring saw blade	300	4,3-5,5	3,2	65	72	CON	12°	15°	2/9/110	LI25M43RI3	F03FS02689
	Postforming scorer	300	4,6	3,2	65	72	ATB	15°	15°	2/9/100+2/9/110	LI27M DA3	F03FS02737
EB100	Main saw blade	360	4,4	3,2	65	72	TCG	15°	15°	2/9/110	LSB36002X	F03FS07673
	Scoring saw blade	200	4,3-5,5	3,2	65	36	CON	8°	15°	2/9/100+2/9/110	LI25M43PI3	F03FS02681
	Scoring saw blade	300	4,3-5,5	3,0	65	48	CON	12°	15°	2/9/100+2/9/110	LI25M43RX3	F03FS07616
	Postforming scorer	300	4,6	3,2	65	72	ATB	15°	15°	2/9/100+2/9/110	LI27M DA3	F03FS02737
WN 600/132, WN 200	Main saw blade	450	4,8	3,5	80	72	TCG	15°	15°	2/9/130+4/19/120	LSB45018X	F03FS07812
	Scoring saw blade	200	4,7-5,9	3,5	65	36	CON	8°	15°	2/9/100+2/9/110	LI25M47PI3	F03FS02720
	Postforming scorer	300	5,0	3,0	65	72	ATB	15°	15°	2/9/100+2/9/110	LI27M DB3	F03FS02739
WNA600/162	Main saw blade	510	4,8	3,5	80	72	TCG	15°	15°	2/9/130+4/19/120	LSB51001	F03FS06220
	Scoring saw blade	200	4,7-5,9	3,5	65	36	CON	8°	15°	2/9/100+2/9/110	LI25M47PI3	F03FS02720
	Postforming scorer	300	5,0	3,0	65	72	ATB	15°	15°	2/9/100+2/9/110	LI27M DB3	F03FS02739
WN 600/145, WN 512	Main saw blade	480	4,8	3,5	80	72	TCG	15°	15°	2/9/130+4/19/120	LSB48001X	F03FS09188
	Scoring saw blade	200	4,7 - 5,9	3,5	65	36	CON	8°	15°	2/9/100 + 2/9/110	LI25M47PI3	F03FS02720
	Postforming scorer	300	4,6	3,2	65	72	ATB	15°	15°	2/9/100+2/9/110	LI27M DA3	F03FS02737
WN 610, WN 630 (PFS)	Main saw blade	380	4,4	3,2	65	72	TCG	15°	15°	2/9/110	LSB38014X	F03FS09166
	Scoring saw blade	200	4,3-5,5	3,2	65	36	CON	8°	15°	2/9/100+2/9/110	LI25M43PI3	F03FS02681
	Scoring saw blade	300	4,3-5,5	3,0	65	48	CON	12°	15°	2/9/100+2/9/110	LI25M43RX3	F03FS07616

* Tool type - Tip alata

Main saw blade / Glavna testera, Scoring saw blade / Predrezač, Postforming scorer / Predrezač za postforming

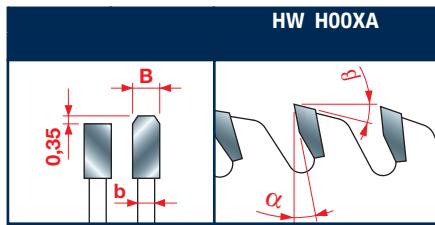
Reference table of saw blades for panel sizing machines

Referentna tabela testera za formatizere

Machine type Tip mašine	Tool type * Tip alata*	D mm	B-B1 mm	b mm	d mm	Z	Tooth type Tip zuba	α	β	NL Pomoćni otvori	Code Šifra	SAP SAP	
WN 630, WN 630 (PFS)	Main saw blade	400	4,4	3,2	65	72	TCG	15°	15°	2/9/110	LSB40016X	F03FS09172	
	Scoring saw blade	200	4,3 - 5,5	3,2	65	36	CON	8°	15°	2/9/100 + 2/9/110	LI25M43PI3	F03FS02681	
	Scoring saw blade	300	4,3 - 5,5	3,0	65	48	CON	12°	15°	2/9/100 + 2/9/110	LI25M43RX3	F03FS07616	
WN 650, WN 650 (PFS)	Main saw blade	430	4,4	3,2	65	72	TCG	15°	15°	2/9/110	LSB43012X	F03FS09178	
	Scoring saw blade	200	4,3 - 5,5	3,2	65	36	CON	8°	15°	2/9/100 + 2/9/110	LI25M43PI3	F03FS02681	
	Scoring saw blade	300	4,3 - 5,5	3,0	65	48	CON	12°	15°	2/9/100 + 2/9/110	LI25M43RX3	F03FS07616	
WN 710, WN 710 (PFS)	Main saw blade	430	4,8	3,5	70	72	TCG	15°	15°	4/11/130	LSB43013X	F03FS09180	
	Scoring saw blade	200	4,7 - 5,9	3,5	65	36	CON	8°	15°	2/9/100 + 2/9/110	LI25M47PI3	F03FS02720	
	Scoring saw blade	300	4,7 - 5,9	3,5	65	48	CON	12°	15°	2/9/100 + 2/9/110	LI25M47RX3	F03FS07744	
WN 730, WN 730 (PFS)	Main saw blade	470	4,8	3,5	70	72	TCG	15°	15°	4/11/130	LSB47005X	F03FS09185	
	Scoring saw blade	200	4,7 - 5,9	3,5	65	36	CON	8°	15°	2/9/100 + 2/9/110	LI25M47PI3	F03FS02720	
	Scoring saw blade	300	4,7 - 5,9	3,5	65	48	CON	12°	15°	2/9/100 + 2/9/110	LI25M47RX3	F03FS07744	
WN 750, WN 750 (PFS)	Main saw blade	470	4,8	3,5	70	72	TCG	15°	15°	4/11/130	LSB47005X	F03FS09185	
	Main saw blade	520	4,8	3,5	70	72	TCG	15°	15°	4/11/130	LSB52006X	F03FS09193	
	Scoring saw blade	200	4,7 - 5,9	3,5	65	36	CON	8°	15°	2/9/100 + 2/9/110	LI25M47PI3	F03FS02720	
WN 830, WN 850	Main saw blade	600	5,8	4,0	75	60	TCG	15°	15°	4/11/130	LSB60006	F03FS09107	
	Scoring saw blade	200	5,7 - 6,9	3,5	65	36	CON	8°	15°	2/9/110	LI25M57PI3BS	F03FS08165	
SCM - Techmatic													
FIT 45/FIT 2,9/ PRIMEX	Main saw blade	250	4,2	3,0	55	60	TCG	15°	15°	4/10/70	LSB25002	F03FS07366	
	Scoring saw blade	115	4,1 - 5,2	2,8	45	24	CON	0°	15°		LI25M41DE3	F03FS08039	
STAR 3,4	Main saw blade	270	4,2	3,0	55	60	TCG	15°	15°		LSB27001	F03FS08037	
	Scoring saw blade	115	4,1 - 5,2	2,8	45	24	CON	0°	15°		LI25M41DE3	F03FS08039	
STAR/FIT 60	Main saw blade	290	4,2	3,0	55	60	TCG	15°	15°		GATECH www.freud.rs	LSB29001	F03FS08038
	Scoring saw blade	115	4,1 - 5,2	2,8	45	24	CON	0°	15°		LI25M41DE3	F03FS08039	
Usikraft													
SPEADY EVOLUTION 2900	Main saw blade	250	4,2	3,0	50	60	TCG	15°	15°		LSB25005	F03FS08159	
	Scoring saw blade	110	4,1 - 5,2	2,8	45	24	CON	0°	15°		LSI25M41CE3	F03FS087365	
AGILE FLEX 2900	Main saw blade	220	3,2	2,2	50	64	TCG	15°	15°		LU3D 0202	F03FS08160	
	Scoring saw blade	115	3,1 - 4,2	2,2	45	24	CON	0°	15°		LI25M31DC3	F03FS09242	
Verry													
GOLDEN AUTOMATIC	Main saw blade	300	4,4	3,2	30	72	TCG	10°	15°	2/10/60	LSB30005	F03FS30920	
	Scoring saw blade	150	4,3 - 5,6	3,2	30	36	CON	8°	15°		LI25M43KC3	F03FS02649	
MAX	Main saw blade	250	4,2	3,0	30	60	TCG	15°	15°	2/10/60	LSB25003	F03FS07367	
	Scoring saw blade	115	4,1 - 5,2	2,8	45	24	CON	0°	15°		LI25M41DE3	F03FS08039	
Wonpoong													
WARSM- 2000/3000/3500/ 4000L/5000L	Main saw blade	380	4,4	3,2	75	72	TCG	15°	15°	2/14/100	LSB38012X	F03FS07672	
	Scoring saw blade	175	4,3 - 5,5	3,2	75	36	CON	8°	15°		LI25M43WT3	F03FS07816	
	Scoring saw blade	180	4,3 - 5,5	3,2	75	36	CON	8°	15°		LI25M43NT3	F03FS07286	

* Tool type - Tip alata

Main saw blade / Glavna testera, Scoring saw blade / Predrezač, Postforming scorer / Predrezač za postforming



HW - Panel sizing saw blades

TM - Testere za formatizere

To size single or multiple panels.

Machines: Horizontal panel sizing machines with scorer.

Features: Flat-triple chip tooth with positive cutting angle. **The LSB Extended deliver increased durability per sharpening cycle, due to the latest improvements in the production process. Advanced technology implementation to deliver a superior performance in the panel sizing applications.**

Material: Chipboard or MDF laminated with melamine or plastic materials.

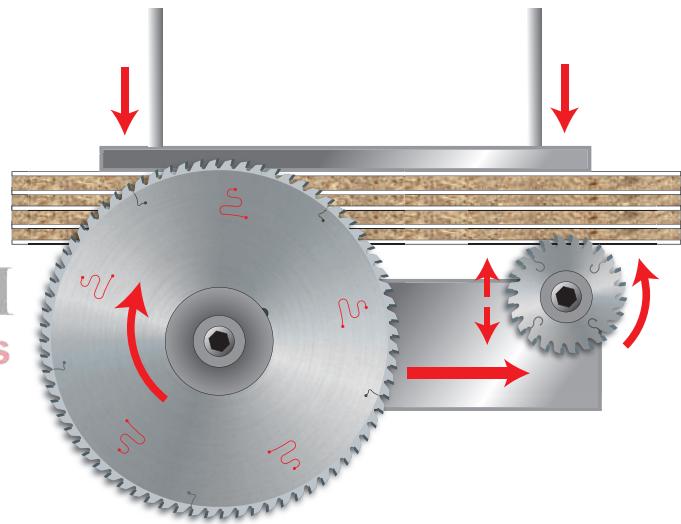
Testere za rezanje jednog ili više panela. LSB X testere (oznaka X predstavlja izraz EXTENDED tj. PRODUŽEN) su testere povećane otpornosti koje imaju duži radni vek do oštrenja, zahvaljujući najsavremenijim poboljšanjima u procesu proizvodnje. Napredna tehnologija izrade omogućava superiore performanse prilikom rezanja panela.

Mašine: Horizontalni formatizeri sa predrezačem.

Oblik zuba: Kombinacija ravnog i piramidalnog zuba sa pozitivnim uglom rezanja.

Materijal: Iverica ili medijapan (MDF) sa melaminskom ili plastičnom folijom.

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Tooth features - Karakteristike zuba

	D mm	B mm	b mm	d mm	Z	α	β	NL Pomoći otvori	Machines Mašine	Code Šifra	SAP SAP
	300	4,4	3,0	30	60	15°	15°	2/10/60	Panhans		LSB30001X F03FS07802
novo	300	4,4	3,0	65	60	15°	15°	2/9/110	Selco		LSB30002X F03FS09159
novo	300	4,4	3,0	80	60	15°	15°	4/9/100+2/14/110	SCM		LSB30004X F03FS09157
	300	4,4	3,0	30	72	15°	15°	2/10/60	Panhans, Verry		LSB30005X F03FS07803
novo	300	4,4	3,0	65	72	15°	15°	2/9/110	Selco		LSB30006X F03FS09158
	300	4,4	3,0	80	72	15°	15°	4/9/100 + 2/14/110	SCM		LSB30008X F03FS07804
	300	4,4	3,2	60	72	15°	15°	2/14/100	Holzma		LSB30012X F03FS09207
novo	320	4,4	3,2	30	60	15°	15°				LSB32005X F03FS09160
novo	320	4,4	3,2	65	60	15°	15°	2/9/110	Selco		LSB32003X F03FS09161
	320	4,4	3,2	65	72	15°	15°	2/9/110	Selco		LSB32001X F03FS07805
novo	320	4,4	3,2	75	72	15°	15°	3/13/95 + 3/7/100	Giben		LSB32002X F03FS09162
	350	4,4	3,2	30	72	15°	15°	2/10/60	Panhans, Scheer		LSB35003X F03FS07630
	350	4,4	3,2	50	72	15°	15°	4/13/80	Giben		LSB35006X F03FS07709
	350	4,4	3,2	60	72	15°	15°	2/14/100	Holzma		LSB35004X F03FS07636
	350	4,4	3,2	75	72	15°	15°		Giben, Hansol Machine		LSB35008X F03FS07634
	350	4,4	3,2	80	72	15°	15°	4/9/100 + 2/9/110 + 2/14/110	Gabbiani		LSB35005X F03FS07635
novo	355	4,4	3,2	80	54	15°	15°	4/9/100+2/9/110+2/14/110	Gabbiani		LSB35503X F03FS09205
	355	4,4	3,2	30	72	15°	15°	2/10/60	Panhans, SCM		LSB35504X F03FS07674
	355	4,4	3,2	65	72	15°	15°	2/9/95 + 2/9/110	Selco		LSB35508X F03FS08740
	355	4,4	3,2	75	72	15°	15°	4/15/105 + 2/7/110	Giben, KDT, Hold		LSB35505X F03FS07633
	355	4,4	3,2	75	72	15°	15°	3/7/100	Gabbiani		LSB35507X F03FS07710
novo	355	4,4	3,2	80	72	15°	15°	4/9/100+2/9/110+2/14/110	Gabbiani		LSB35506X F03FS09163
	360	4,4	3,2	65	72	15°	15°	2/9/110	Selco		LSB36002X F03FS07673
novo	380	4,4	3,2	80	48	15°	15°	4/9/100+2/9/110+2/14/110	Gabbiani		LSB38009X F03FS09164
	380	4,4	3,2	60	60	15°	15°	2/14/100	Holzma		LSB38001X F03FS07806
novo	380	4,4	3,2	50	72	15°	15°	4/13/80	Giben		LSB38008X F03FS09165
	380	4,4	3,2	60	72	15°	15°	2/14/100	Holzma		LSB38002X F03FS07631
novo	380	4,4	3,2	65	72	15°	15°	2/9/110	Selco		LSB38014X F03FS09166
	380	4,4	3,2	75	72	15°	15°	2/14/100	Holzma wp, Wonpoong		LSB38012X F03FS07672
	380	4,4	3,2	80	72	15°	15°	4/9/100 + 2/9/110 + 2/14/110	Gabbiani		LSB38010X F03FS07808

D mm	B mm	b mm	d mm	Z	α	β	NL Pomoćni otvori	Machines Mašine	Code Šifra	SAP SAP	
380	4,4	3,2	60	84	15°	15°	2/14/100	Holzma	LSB38015X	F03FS08989	
380	4,4	3,2	80	96	15°	15°	4/9/100 + 2/9/110 + 2/14/110	Gabbiani	LSB38013X	F03FS07809	
380	4,8	3,5	60	72	15°	15°	2/14/100	Holzma	LSB38004X	F03FS07632	
380	4,8	3,5	60	84	15°	15°	2/14/100	Holzma	LSB38005X	F03FS07807	
nov	390	4,4	3,2	80	72	15°	15°	2/14/110	Sigma	LSB39001X	F03FS09167
nov	400	4,4	3,2	30	48	15°	15°			LSB40001X	F03FS09168
nov	400	4,4	3,2	30	60	15°	15°	2/10/60		LSB40004X	F03FS09169
nov	400	4,4	3,2	75	60	15°	15°	4/15/105	Giben	LSB40005X	F03FS09170
nov	400	4,4	3,2	80	60	15°	15°	4/9/100 + 2/9/110 + 2/14/110	Gabbiani	LSB40011X	F03FS09171
	400	4,4	3,2	30	72	15°	15°	2/10/60+2/13/94	Scheer	LSB40007X	F03FS07725
nov	400	4,4	3,2	65	72	15°	15°	2/9/110	Selco	LSB40016X	F03FS09172
	400	4,4	3,2	75	72	15°	15°	4/15/105 + 2/7/110	Giben, Haisung Woodworking Machinery, Hansol Machine, HOMAG, Hyundai Sangi, KDT	LSB40008X	F03FS07726
	400	4,4	3,2	80	72	15°	15°	2/15/105 + 2/9/130 + 4/19/120	Selco, MAS	LSB40009X	F03FS07810
nov	400	4,4	3,2	80	72	15°	15°	4/9/100 + 2/9/110 + 2/14/110	Gabbiani	LSB40012X	F03FS09173
	400	4,4	3,2	75	84	15°	15°	4/15/105 + 2/7/110	KDT	LSB40019X	F03FS08990
	400	4,8	3,5	60	72	15°	15°	2/14/125	Holzma	LSB40013X	F03FS07711
nov	420	4,4	3,2	50	72	15°	15°	2/9/130 + 4/19/120	Selco	LSB42006X	F03FS09174
nov	420	4,4	3,2	80	72	15°	15°	4/9/100 + 2/9/110 + 2/14/110	Gabbiani	LSB42005X	F03FS09175
nov	420	4,8	3,5	60	84	15°	15°	2/14/100 + 2/14/125	Holzma	LSB42002X	F03FS09176
nov	430	4,4	3,2	30	72	15°	15°			LSB43007X	F03FS09177
nov	430	4,4	3,2	65	72	15°	15°	2/9/110	Selco	LSB43012X	F03FS09178
	430	4,4	3,2	75	72	15°	15°	4/15/105 + 2/7/110	Giben	LSB43008X	F03FS07908
	430	4,4	3,2	80	72	15°	15°	2/9/130 + 2/14/110 + 4/19/120	Selco, Gabbiani	LSB43009X	F03FS07909
nov	430	4,4	3,2	75	96	15°	15°	4/15/105 + 2/7/110	Giben Prismatic	LSB43010X	F03FS09179
nov	430	4,8	3,5	70	72	15°	15°	4/11/130	Selco	LSB43013X	F03FS09180
nov	450	4,4	3,2	30	72	15°	15°	2/10/60 + 2/14/95	Mayer, Panhans, SCM	LSB45007X	F03FS09181
nov	450	4,4	3,2	60	72	15°	15°	2/14/125	Holzma	LSB45008X	F03FS09182
	450	4,4	3,2	80	72	15°	15°	2/9/130 + 2/14/110 + 4/19/120	Selco, Gabbiani	LSB45009X	F03FS07811
	450	4,8	3,5	60	72	15°	15°	2/14/125 + 2/17/100	Holzma, Nanxing	LSB45017X	F03FS07391
	450	4,8	3,5	80	72	15°	15°	2/9/130 + 4/19/120	Selco	LSB45018X	F03FS07812
nov	460	4,4	3,2	30	72	15°	15°	2/13/94	Schelling	LSB46001X	F03FS08922
nov	460	4,4	3,2	75	72	15°	15°	2/7/110	Giben	LSB46002X	F03FS07914
nov	470	4,4	3,2	75	72	15°	15°	4/15/105	Giben, Hyundai Sangi	LSB47003X	F03FS09183
nov	470	4,4	3,2	75	96	15°	15°	4/15/105	Giben	LSB47004X	F03FS09184
nov	470	4,8	3,5	70	72	15°	15°	4/11/130	Selco	LSB47005X	F03FS09185
nov	480	4,8	3,5	80	60	15°	15°	2/9/130 + 4/19/120	Selco	LSB48003X	F03FS09186
nov	480	4,8	3,5	30	72	15°	15°	2/10/60 + 2/13/94	Schelling	LSB48004X	F03FS09187
nov	480	4,8	3,5	80	72	15°	15°	2/9/130 + 4/19/120	Selco	LSB48001X	F03FS09188
nov	500	4,8	3,5	60	60	15°	15°	2/11/115	Holzma	LSB50009X	F03FS09189
nov	500	4,8	3,5	75	60	15°	15°	4/15/105	Giben	LSB50010X	F03FS09190
nov	500	4,8	3,5	60	72	15°	15°	2/11/115	Holzma	LSB50011X	F03FS09191
nov	520	4,8	3,5	60	72	15°	15°	2/11/115 + 2/19/120	Holzma	LSB52003X	F03FS09192
nov	520	4,8	3,5	70	72	15°	15°	4/11/130	Selco	LSB52006X	F03FS09193
nov	530	5,2	3,5	30	60	15°	15°		Schelling	LSB53001X	F03FS09194
nov	530	5,2	3,5	100	60	15°	15°	2/7/140		LSB53003X	F03FS09195
nov	550	5,0	3,5	40	72	15°	15°	2/13/122	Schelling	LSB55007X	F03FS09216
nov	550	5,2	3,5	60	60	15°	15°			LSB55002X	F03FS09196
nov	550	5,2	3,5	80	60	15°	15°	2/14/110	Gabbiani	LSB55006X	F03FS09197
nov	565	5,0	3,5	100	72	15°	15°			LSB56504X	F03FS09215
nov	565	5,2	3,5	100	60	15°	15°			LSB56502X	F03FS09198
nov	570	4,8	3,5	60	60	15°	15°	2/11/115 + 2/19/120	Holzma	LSB57001X	F03FS09199
nov	600	5,8	4,0	60	60	15°	15°	2/11/115 + 2/19/120	Holzma Typ 33	LSB60001X	F03FS09200
nov	600	5,8	4,0	60	72	15°	15°	2/11/115 + 2/19/120	Holzma Typ 33	LSB60002X	F03FS09201
nov	670	6,2	4,2	40	60	18°	13°	2/17/140 + 2/13/140	Schelling	LSB67003X	F03FS09202
nov	680	6,2	4,2	40	60	18°	13°	2/13/140 + 2/17/140 + 2/13/114	Schelling	LSB68001X	F03FS09203
nov	720	6,4	4,4	40	60	18°	13°	2/14/114 + 2/14/140	Schelling	LSB72001X	F03FS09204

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HW - Panel sizing saw blades TM - Testere za formatizere

To size single or multiple panels.

Machines: Horizontal panel sizing machines with scorer.

Features: Flat-triple chip tooth with positive cutting angle.

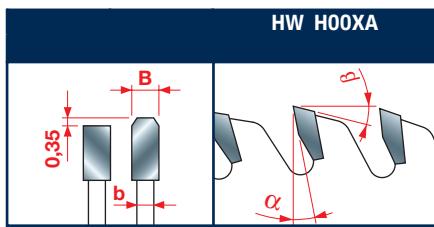
Material: Chipboard or MDF laminated with melamine or plastic materials.

Testere za rezanje jednog ili više panela (tabli).

Mašine: Horizontalni formatizeri sa predrezacem.

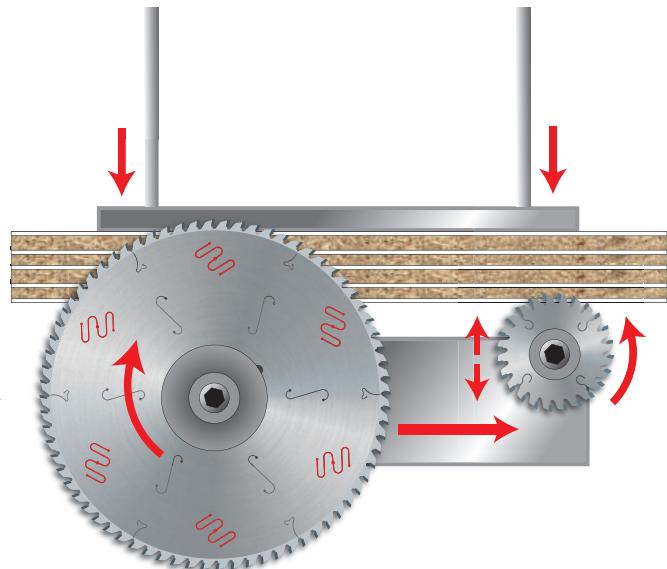
Oblik zuba: Kombinacija ravnog i trapeznog zuba sa pozitivnim uglom rezanja.

Materijal: Iverica i medijapan (MDF) sa melaminskom ili plastičnom folijom.



Tooth features - Karakteristike zuba

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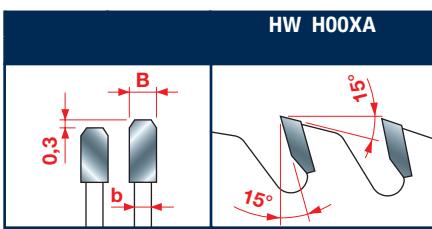
	D	B	b	d	z	α	β	NL Pomoćni otvori	Machines Mašine	Code Šifra	SAP SAP
	mm	mm	mm	mm							
	250	4,2	3,0	55	48	15°	15°		SCM - Techmatic	LSB25001	F03FS06974
	250	4,2	3,0	30	60	15°	15°		SCM - Techmatic, Verry	LSB25003	F03FS07367
nowo	250	4,2	3,0	50	60	15°	15°	-	Usikraft	LSB25005	F03FS08159
	250	4,2	3,0	55	60	15°	15°		Baldan, SCM - Techmatic	LSB25002	F03FS07366
	250	4,4	3,0	30	80	15°	15°	2/9/46,4 + 2/10/60		LSB25004	F03FS07372
nowo	270	4,2	3,0	55	60	15°	15°		SCM - Techmatic	LSB27001	F03FS08037
nowo	280	4,4	3,2	55	60	10°	15°	2/10/70	Baldan	LSB28001	F03FS08161
nowo	290	4,2	3,0	55	60	15°	15°	-	SCM - Techmatic	LSB29001	F03FS08038
	300	4,4	3,0	30	60	10°	15°	2/10/60	Panhans	LSB30001	F03FS03912
	300	4,4	3,0	75	60	10°	15°		Homag	LSB30003	F03FS03916
	300	4,4	3,0	80	60	10°	15°	4/9/100 + 2/14/110	SCM	LSB30004	F03FS03918
	300	4,4	3,0	30	72	10°	15°	2/10/60	Panhans, Verry	LSB30005	F03FS03920
	300	4,4	3,0	65	72	10°	15°	2/9/110	Selco	LSB30006	F03FS03922
	300	4,4	3,0	75	72	10°	15°		Holzma	LSB30007	F03FS03924
	300	4,4	3,0	80	72	10°	15°	4/9/100 + 2/14/110	SCM	LSB30008	F03FS03926
	300	4,4	3,0	65	60	10°	15°	2/9/110	Selco	LSB30002	F03FS03914
	300	4,4	3,2	65	60	10°	15°	2/9/110	Selco	LSB30011	F03FS07743
	305	4,4	3,0	30	60	10°	15°	2/10/60	Mayer, Panhans, SCM	LSB30501	F03FS03930
	320	4,4	3,2	30	60	10°	15°			LSB32005	F03FS06570
	320	4,4	3,2	50	60	10°	15°	3/15/80 + 3/13/95	Giben	LSB32004	F03FS06569
	320	4,4	3,2	65	60	10°	15°	2/9/110	Selco	LSB32003	F03FS06027
	320	4,4	3,2	65	72	10°	15°	2/9/110	Selco	LSB32001	F03FS03931
	320	4,4	3,2	75	72	10°	15°	3/13/95 + 3/7/100	Giben	LSB32002	F03FS03933
nowo	320	4,4	3,2	80	60	10°	15°	4/9/100+2/9/110+2/14/110		LSB32006	F03FS07907
	350	4,4	3,2	30	54	10°	15°	2/10/60	Panhans, Scheer	LSB35001	F03FS03935
	350	4,4	3,2	60	54	10°	15°	2/14/100	Holzma	LSB35002	F03FS03938
	350	4,4	3,2	30	72	10°	15°	2/10/60	Panhans, Scheer	LSB35003	F03FS03941
	350	4,4	3,2	50	72	10°	15°	4/13/80	Giben	LSB35006	F03FS03950
	350	4,4	3,2	60	72	10°	15°	2/14/100	Holzma	LSB35004	F03FS03944
	350	4,4	3,2	75	72	10°	15°		Giben	LSB35008	F03FS03954

D mm	B mm	b mm	d mm	Z	α	β	NL Pomoćni otvori	Machines Mašine	Code Šifra	SAP SAP
350	4,4	3,2	80	72	10°	15°	4/9/100+2/9/110+2/14/110	Gabbiani	LSB35005	F03FS03947
350	4,2	3,2	80	84	15°	15°			LSB35012	F03FS07548
350	4,2	3,2	80	96	15°	15°			LSB35011	F03FS07547
355	4,4	3,2	75	54	10°	15°		Giben	LSB35502	F03FS03961
355	4,4	3,2	80	54	10°	15°	4/9/100+2/9/110+2/14/110	Gabbiani	LSB35503	F03FS03964
355	4,4	3,2	30	72	10°	15°	2/10/60	Panhans, SCM	LSB35504	F03FS03967
355	4,4	3,2	65	72	15°	15°	2/9/110	Selco	LSB35508	F03FS07739
355	4,4	3,2	75	72	10°	15°	4/15/105 + 2/7/110	Homag - Giben	LSB35505	F03FS03970
355	4,4	3,2	75	72	10°	15°	3/7/100	Gabbiani	LSB35507	F03FS03976
355	4,4	3,2	80	72	10°	15°	4/9/100+2/9/110+2/14/110	Gabbiani	LSB35506	F03FS03973
360	4,4	3,0	65	60	10°	15°	2/9/110	Selco	LSB36001	F03FS03978
360	4,4	3,2	65	72	10°	15°	2/9/110	Selco	LSB36002	F03FS03981
370	4,4	3,2	30	72	10°	15°	2/10/60	Schelling	LSB37001	F03FS03984
380	4,4	3,2	80	48	10°	15°	4/9/100+2/9/110+2/14/110	Gabbiani	LSB38009	F03FS04006
380	4,4	3,2	50	60	10°	15°	4/13/80	Giben	LSB38007	F03FS04000
380	4,4	3,2	60	60	10°	15°	2/14/100	Holzma	LSB38001	F03FS03986
380	4,4	3,2	30	72	10°	15°	2/8/83	Gaben	LSB38011	F03FS08132
380	4,4	3,2	50	72	10°	15°	4/13/80	Giben	LSB38008	F03FS04003
380	4,4	3,2	60	72	10°	15°	2/14/100	Holzma	LSB38002	F03FS03989
380	4,4	3,2	65	72	10°	15°	2/9/110	Selco	LSB38014	F03FS07266
380	4,4	3,2	75	72	10°	15°	2/14/100	Holzma	LSB38012	F03FS05805
380	4,4	3,2	80	72	10°	15°	4/9/100+2/9/110+2/14/110	Gabbiani	LSB38010	F03FS04008
380	4,4	3,2	80	96	10°	15°	4/9/100+2/9/110+2/14/110	Gabbiani	LSB38013	F03FS06258
380	4,8	3,5	60	60	10°	15°	2/14/100	Holzma	LSB38003	F03FS03992
380	4,8	3,5	60	72	10°	15°	2/14/100	Holzma	LSB38004	F03FS03994
380	4,8	3,5	60	84	10°	15°	2/14/100	Holzma	LSB38005	F03FS03996
390	4,4	3,2	80	72	10°	15°	2/14/110	Sigma	LSB39001	F03FS04010
400	4,4	3,2	30	48	10°	15°			LSB40001	F03FS04011
400	4,4	3,2	75	48	15°	15°	4/15/105	Giben	LSB40002	F03FS04013
400	4,4	3,2	80	48	15°	15°	2/9/110+4/9/100+2/14/110	Gabbiani	LSB40010	F03FS04035
400	4,4	3,2	30	60	15°	15°	2/10/60		LSB40004	F03FS04017
400	4,4	3,2	75	60	15°	15°	4/15/105	Giben	LSB40005	F03FS04020
400	4,4	3,2	80	60	15°	15°	2/9/130 + 4/19/120	Selco	LSB40006	F03FS04023
400	4,4	3,2	80	60	15°	15°	4/9/100+2/9/110+2/14/110	Gabbiani	LSB40011	F03FS04037
400	4,4	3,2	30	72	10°	15°	2/10/60	Scheer	LSB40007	F03FS04026
400	4,4	3,2	65	72	15°	15°	2/9/110	Selco	LSB40016	F03FS07740
400	4,4	3,2	75	72	10°	15°	4/15/105 + 2/7/110	Homag - Giben	LSB40008	F03FS04029
400	4,4	3,2	80	72	10°	15°	2/9/130 + 4/19/120 + 2/15/105	Selco	LSB40009	F03FS04032
400	4,4	3,2	80	72	10°	15°	4/9/100+2/9/110+2/14/110	Gabbiani	LSB40012	F03FS04040
400	4,6	3,2	35	72	10°	15°			LSB40015	F03FS05981
400	4,8	3,5	60	72	10°	15°			LSB40013	F03FS04043
420	4,4	3,2	80	60	10°	15°	4/9/100+2/9/110+2/14/110	Gabbiani	LSB42004	F03FS06028
420	4,4	3,2	50	72	10°	15°	4/13/80	Giben	LSB42006	F03FS06544
420	4,4	3,2	80	72	10°	15°	4/9/100+2/9/110+2/14/110	Gabbiani	LSB42005	F03FS06029
420	4,8	3,5	60	60	15°	15°	2/14/125	Holzma	LSB42001	F03FS04045
420	4,8	3,5	60	84	10°	15°	2/14/100+2/14/125	Holzma	LSB42002	F03FS04048
430	4,4	3,2	30	48	15°	15°			LSB43001	F03FS04050
430	4,4	3,2	75	48	15°	15°	4/15/105	Giben	LSB43002	F03FS04052
430	4,4	3,2	30	60	15°	15°	2/10/60		LSB43004	F03FS04057
430	4,4	3,2	75	60	15°	15°	4/15/105	Giben	LSB43005	F03FS04059
430	4,4	3,2	80	60	15°	15°	2/9/130+2/14/110+4/19/120	Selco - Gabbiani	LSB43006	F03FS04062
430	4,4	3,2	30	72	15°	15°			LSB43007	F03FS04065
430	4,4	3,2	65	72	10°	15°	2/9/110	Selco	LSB43012	F03FS07457
430	4,4	3,2	75	72	10°	15°	4/15/105 + 2/7/110	Homag, Giben	LSB43008	F03FS04068
430	4,4	3,2	80	72	10°	15°	2/9/130+2/14/110+4/19/120	Selco - Gabbiani	LSB43009	F03FS04071
430	4,4	3,2	75	96	10°	15°	4/15/105 + 2/7/110	Giben Prismatic	LSB43010	F03FS04074
430	4,8	3,5	70	72	15°	15°	4/11/130	Selco	LSB43013	F03FS07741
450	4,4	3,2	30	48	15°	15°	2/9/60	Mayer, Panhans, SCM	LSB45001	F03FS04076
450	4,4	3,2	60	48	15°	15°	2/14/125	Holzma	LSB45002	F03FS04078
450	4,4	3,2	80	48	15°	15°	2/9/130+4/19/120+2/14/110	Selco - Gabbiani	LSB45003	F03FS04080

D mm	B mm	b mm	d mm	z	α	β	NL Pomoći otvori	Machines Mašine	Code Šifra	SAP SAP	
450	4,4	3,2	30	60	15°	15°	02/10/60	Mayer, Panhans, SCM	LSB45004	F03FS04083	
450	4,4	3,2	60	60	15°	15°	2/14/125	Holzma	LSB45005	F03FS04085	
450	4,4	3,2	80	60	10°	15°	2/9/130+4/19/120+2/14/110	Selco - Gabbiani	LSB45006	F03FS04087	
450	4,4	3,2	30	72	10°	15°	2/10/60 + 2/14/95	Mayer, Panhans, SCM	LSB45007	F03FS04090	
450	4,4	3,2	60	72	10°	15°	2/14/125	Holzma	LSB45008	F03FS04092	
450	4,4	3,2	80	72	10°	15°	2/9/130+2/14/110+4/19/120	Selco - Gabbiani	LSB45009	F03FS04095	
450	4,8	3,5	30	72	10°	15°	02/09/60	Scheer	LSB45016	F03FS04109	
450	4,8	3,5	60	72	10°	15°	2/14/125 + 2/17/100	Holzma	LSB45017	F03FS04111	
450	4,8	3,5	80	72	10°	15°	2/9/130 + 4/19/120	Selco	LSB45018	F03FS04114	
450	4,8	3,5	60	84	10°	15°	2/14/125	Holzma	LSB45019	F03FS06177	
460	4,4	3,2	30	72	10°	15°	2/13/94	Schelling	LSB46001	F03FS04117	
470	4,4	3,2	75	48	15°	15°	4/15/105	Giben	LSB47001	F03FS04120	
470	4,4	3,2	75	60	15°	15°	4/15/105	Giben	LSB47002	F03FS04123	
470	4,4	3,2	75	72	10°	15°	4/15/105	Giben	LSB47003	F03FS04126	
470	4,4	3,2	75	96	10°	15°	4/15/105	Giben	LSB47004	F03FS04129	
470	4,8	3,5	70	72	15°	15°	4/11/130	Selco	LSB47005	F03FS07742	
480	4,8	3,5	80	48	15°	15°	2/9/130+2/14/110+4/19/120	Selco - Gabbiani	LSB48002	F03FS04134	
480	4,8	3,5	80	60	15°	15°	2/9/130 + 4/19/120	Selco	LSB48003	F03FS04136	
480	4,8	3,5	30	72	10°	15°	2/10/60	Schelling	LSB48004	F03FS04138	
480	4,8	3,5	80	72	10°	15°	2/9/130 + 4/19/120	Selco	LSB48001	F03FS04131	
500	4,4	3,2	80	48	15°	15°	4/9/100+2/9/110+2/14/110	Gabbiani	LSB50002	F03FS04142	
500	4,4	3,2	30	60	15°	15°		Schelling	LSB50003	F03FS04145	
500	4,4	3,2	80	60	15°	15°	4/9/100+2/9/110+2/14/110	Gabbiani	LSB50004	F03FS04147	
500	4,4	3,2	30	72	15°	15°		Schelling	LSB50005	F03FS04150	
500	4,8	3,5	60	48	15°	15°	2/11/115	Holzma	LSB50007	F03FS04154	
500	4,8	3,5	60	60	15°	15°	2/11/115	Holzma	LSB50009	F03FS04158	
500	4,8	3,5	75	60	15°	15°	4/15/105	Giben	LSB50010	F03FS04160	
500	4,8	3,5	60	72	15°	15°	2/11/115	Holzma	LSB50011	F03FS04162	
500	4,8	3,5	75	72	15°	15°	4/15/105	Giben	LSB50012	F03FS04164	
510	4,8	3,5	80	72	15°	15°	2/9/130 + 4/19/120	Selco	LSB51001	F03FS06220	
520	4,4	3,2	30	54	15°	15°	2/13/94	Schelling	LSB52005	F03FS06799	
nov	520	4,8	3,5	30	72	18°	13°	2/13/94	Schelling	LSB52007	F03FS07878
	520	4,8	3,5	60	60	15°	15°	2/11/115 + 2/19/120	Holzma	LSB52002	F03FS04168
	520	4,8	3,5	60	72	15°	15°	2/11/115 + 2/19/120	Holzma	LSB52003	F03FS04170
	520	4,8	3,5	70	72	18°	13°	4/11/130	Selco	LSB52006	F03FS07659
	530	5,2	3,5	30	60	15°	15°		Schelling	LSB53001	F03FS04172
	530	5,8	4,0	60	60	15°	15°	01/11/85	Anthon	LSB53002	F03FS04174
	540	4,8	3,5	60	60	15°	15°	2/11/115 + 2/19/120	Holzma Typ 33	LSB54002	F03FS04178
	540	4,8	3,5	60	72	15°	15°	2/11/115 + 2/19/120	Holzma Typ 33	LSB54003	F03FS04180
	540	5,8	4,0	60	60	15°	15°	01/11/85	Anthon	LSB54004	F03FS06030
	550	5,2	3,5	80	48	15°	15°	2/14/110	Gabbiani	LSB55005	F03FS04190
	550	5,2	3,5	60	60	15°	15°			LSB55002	F03FS04184
	550	5,2	3,5	80	60	15°	15°	2/14/110	Gabbiani	LSB55006	F03FS04192
	565	5,2	3,5	80	48	15°	15°	2/14/110 + 4/9/100	Gabbiani	LSB56503	F03FS04200
	565	5,2	3,5	100	48	15°	15°		Giben	LSB56501	F03FS04195
	565	5,2	3,5	100	60	15°	15°		Giben	LSB56502	F03FS04197
	570	4,8	3,5	60	60	15°	15°	2/11/115 + 2/19/120	Holzma	LSB57001	F03FS04203
	600	5,8	4,0	60	60	15°	15°	2/11/115 + 2/19/120	Holzma Typ 33	LSB60001	F03FS04207
	600	5,8	4,0	60	72	15°	15°	2/11/115 + 2/19/120	Holzma Typ 33	LSB60002	F03FS04210
	620	6,2	4,2	40	60	18°	13°	2/13/114 + 2/13/140	Schelling	LSB62001	F03FS04212
	620	6,2	4,2	40	72	15°	15°	2/13/114 + 2/13/140	Schelling	LSB62002	F03FS04213
	670	5,8	4,2	60	60	18°	13°	2/11/148 + 2/19/120	Holzma	LSB67001	F03FS04214
	670	5,8	4,2	60	72	15°	15°	2/11/148 + 2/19/120	Holzma	LSB67002	F03FS04215
	670	6,2	4,2	40	60	18°	13°	2/17/140 + 2/13/140	Schelling	LSB67003	F03FS04216
	670	6,2	4,2	40	72	15°	15°	2/17/140 + 2/13/140	Schelling	LSB67004	F03FS04217
	680	6,2	4,2	40	60	18°	13°	2/13/140 + 2/17/140	Schelling	LSB68001	F03FS04218
	700	6,2	4,2	80	60	18°	15°	2/17/110	Anthon LNC	LSB70001	F03FS07036
	720	6,4	4,4	40	60	18°	15°	2/14/114 + 2/14/140	Schelling	LSB72001	F03FS04219
	730	6,2	4,2	60	60	18°	15°	2/11/148 + 2/19/120	Holzma Typ 66	LSB73001	F03FS04220

HW - "Supercut" panel sizing saw blades with variable pitch

TM - "Super-rez" testere za formatizere sa promenjivim korakom



Tooth features - Karakteristike zuba

To size single or multiple panels.

Machines: Horizontal panel sizing machines with scorer.

Features: Double triple chip tooth with positive cutting angle. Perfect for cutting at high feed rates to increase production throughput. Due to the precision cutting edge and resulting flawless finish no additional machining is needed before edge banding. The LSC Saw blade line was developed to achieve the highest possible feed rate with best possible finish available in the market. Performance = Productivity! freud's exclusively patented vibration reduction reeds are strategically placed and engineered to give the greatest reduction in noise and vibration available in the market today. Benefits of the Technology result in a best in class performance for cutting both single sheets or stacked sheets on today's panel processing equipment.

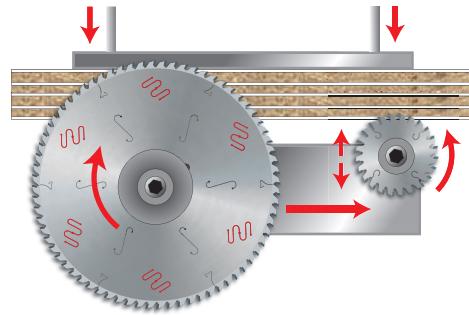
Material: Chipboard or laminated wood composite materials.

Testere za rezanje jednog ili više panela (tabli).

Mašine: Horizontalni formatizeri sa predrezačem.

Oblak zuba: Trapezni zub sa pozitivnim uglom rezanja. Savršene za rezanje pri velikim brzinama ubacivanja i povećanje produktivnosti. Iza sebe ostavljaju precizan i savršen rez pa nema potrebe za dodatnom obradom ivica pre nanošenja kant trake. LSC grupa testera dizajnirana je da bi se postigla najveća brzina ubacivanja sa najboljim mogućim kvalitetom završnog reza na tržištu. Performanse = Produktivnost! Freudovi ekskluzivno patentirani antivibracioni otvori strateški su postavljeni tako da su buka i vibracija smanjene na najniži nivo na tržištu. Najsavremenija primenjena tehnologija rezultira najboljim performansama za rezanje kako pojedinačnih, tako i više panela odjednom.

Materijal: Iverica i oplemenjeni pločasti materijali.



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* Dedicated laser marking
* Laserske označke

D mm	B mm	b mm	d mm	Z	NL Pomoći otvor	Machines Mašine	Code Šifra	SAP SAP	
300	4,4	3,0	30	60	2/10/60	Panhans		LSC30001 F03FS06322	
300	4,4	3,0	65	60	2/9/110	Selco		LSC30002 F03FS06325	
300	4,4	3,0	75	60		Holzma		LSC30003 F03FS06326	
300	4,4	3,0	80	60	2/14/110 + 4/9/100	SCM		LSC30004 F03FS06327	
320	4,4	3,2	50	60	3/15/80 + 3/13/95	Giben		LSC32004 F03FS06328	
320	4,4	3,2	65	60	2/9/110	Selco		LSC32003 F03FS06329	
350	4,4	3,2	30	72	2/10/60	Panhans-Scheer		LSC35003 F03FS06305	
350	4,4	3,2	50	72	4/13/80	Giben		LSC35006 F03FS06309	
350	4,4	3,2	60	72	2/14/100	Holzma		LSC35004 F03FS06310	
350	4,4	3,2	80	72	4/9/100 + 2/9/110 + 2/14/110	Gabbiani		LSC35005 F03FS06311	
355	4,4	3,2	30	72	2/10/60	Panhans-SCM		LSC35504 F03FS06306	
novi	355	4,4	3,2	65	72	2/9/110		LSC35508BS* F03FS07869	
	355	4,4	3,2	75	72		Giben		LSC35505 F03FS06307
360	4,4	3,2	65	72	2/9/110	Selco		LSC36002 F03FS06308	
370	4,4	3,2	30	72	2/10/60	Schelling		LSC37001 F03FS06312	
380	4,4	3,2	50	72	4/13/80	Giben		LSC38008 F03FS06343	
380	4,4	3,2	60	72	2/14/100	Holzma		LSC38002 F03FS06313	
380	4,4	3,2	80	72	4/9/100 + 2/9/110 + 2/14/110	Gabbiani		LSC38010 F03FS06314	
380	4,8	3,5	60	72	2/14/100	Holzma		LSC38004 F03FS06332	
novi	400	4,4	3,2	30	72	2/10/60	Scheer		LSC40007 F03FS06315
	400	4,4	3,2	65	72	2/9/110		LSC40016BS* F03FS07870	
400	4,4	3,2	75	72	4/15/105	Giben		LSC40008 F03FS06317	
400	4,4	3,2	80	72	4/19/120 + 2/9/130	Selco		LSC40009 F03FS06319	
400	4,4	3,2	80	72	4/9/100 + 2/9/110 + 2/14/110	Gabbiani		LSC40012 F03FS06320	
430	4,4	3,2	75	72	4/15/105	Giben		LSC43008 F03FS06316	
430	4,4	3,2	80	72	2/9/130 + 4/19/120 + 2/14/110	Selco-Gabbiani		LSC43009 F03FS06321	
450	4,4	3,2	60	72	2/14/125	Holzma		LSC45008 F03FS06318	
450	4,8	3,5	60	72	2/14/125	Holzma		LSC45017 F03FS06323	
450	4,8	3,5	80	72	2/9/130 + 4/19/120	Selco		LSC45018 F03FS06324	
novi	520	4,8	3,5	30	72	2/13/94		LSC52007 F03FS07879	

Table 1

Tabela 1

Saw blade's technical table to obtain the correct saw blade diameter based on its tip speed and the material to cut
Tabela za određivanje optimalnog prečnika testere prema perifernoj brzini i vrsti materijala za obradu

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D (mm)

Saw blade diameter
Prečnik testere

Tip speed (m/s) Periferna brzina u m/s	Recommended for Preporučuje se za
50 - 90	Softwood / Meko drvo
50 - 80	Hardwood / Tvrdo drvo
50 - 85	Exotic wood / Egzotično drvo
60 - 80	Chipboard / Iverica
60 - 80	Joinery wood / Panel ploče
30 - 60	MDF / Medijapan (MDF)
40 - 60	Laminated and bilaminated / Oplemenjeni materijali

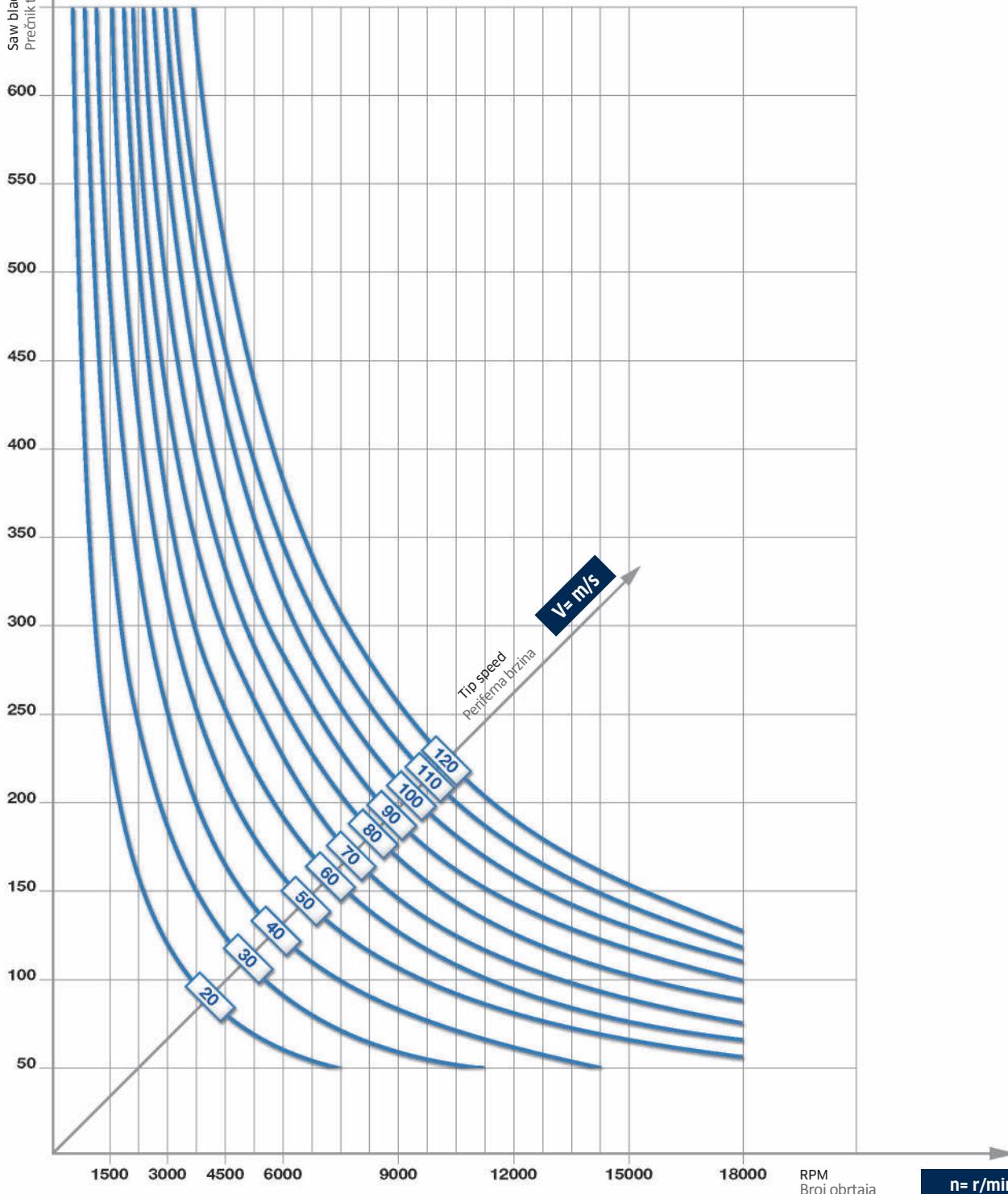
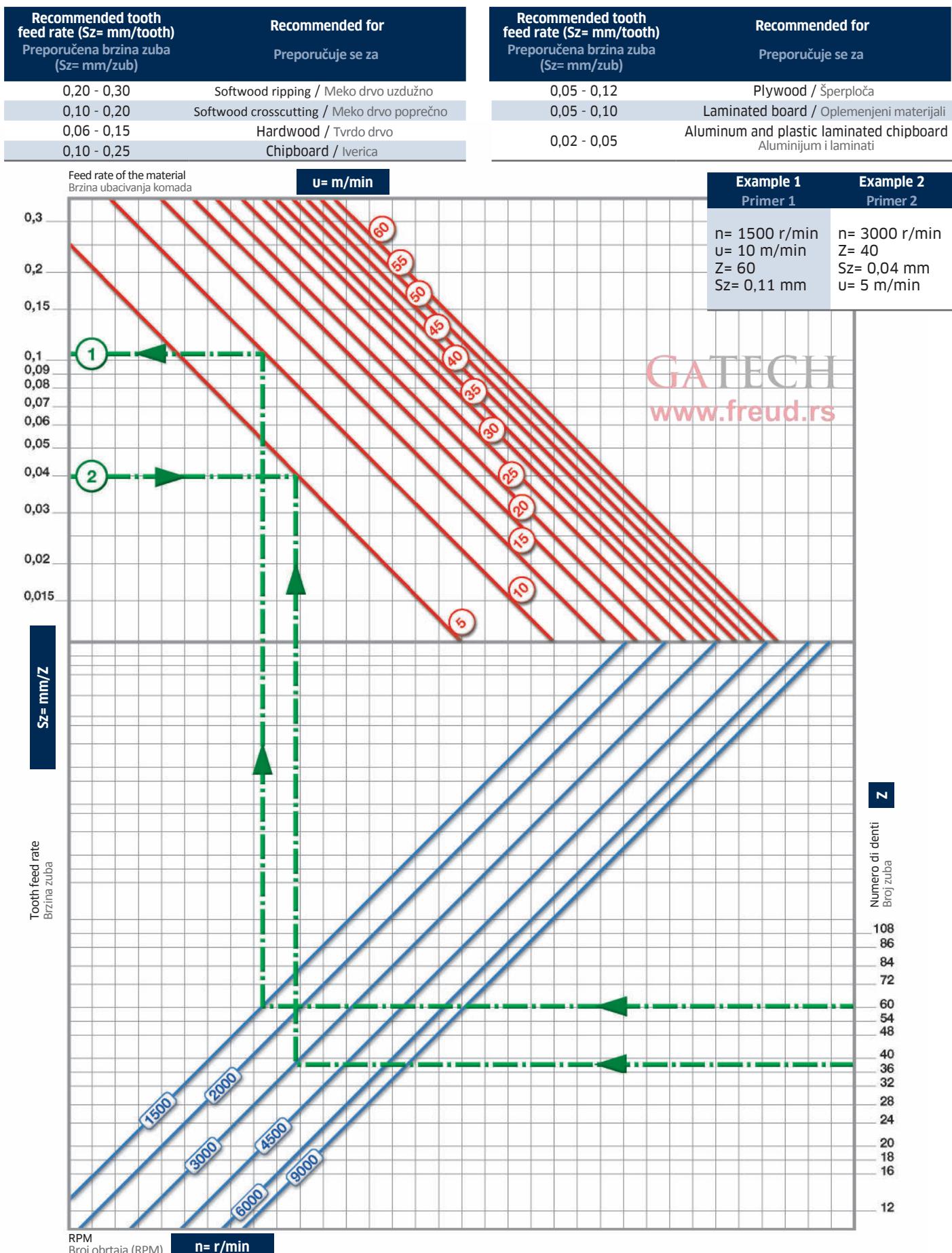


Table 2

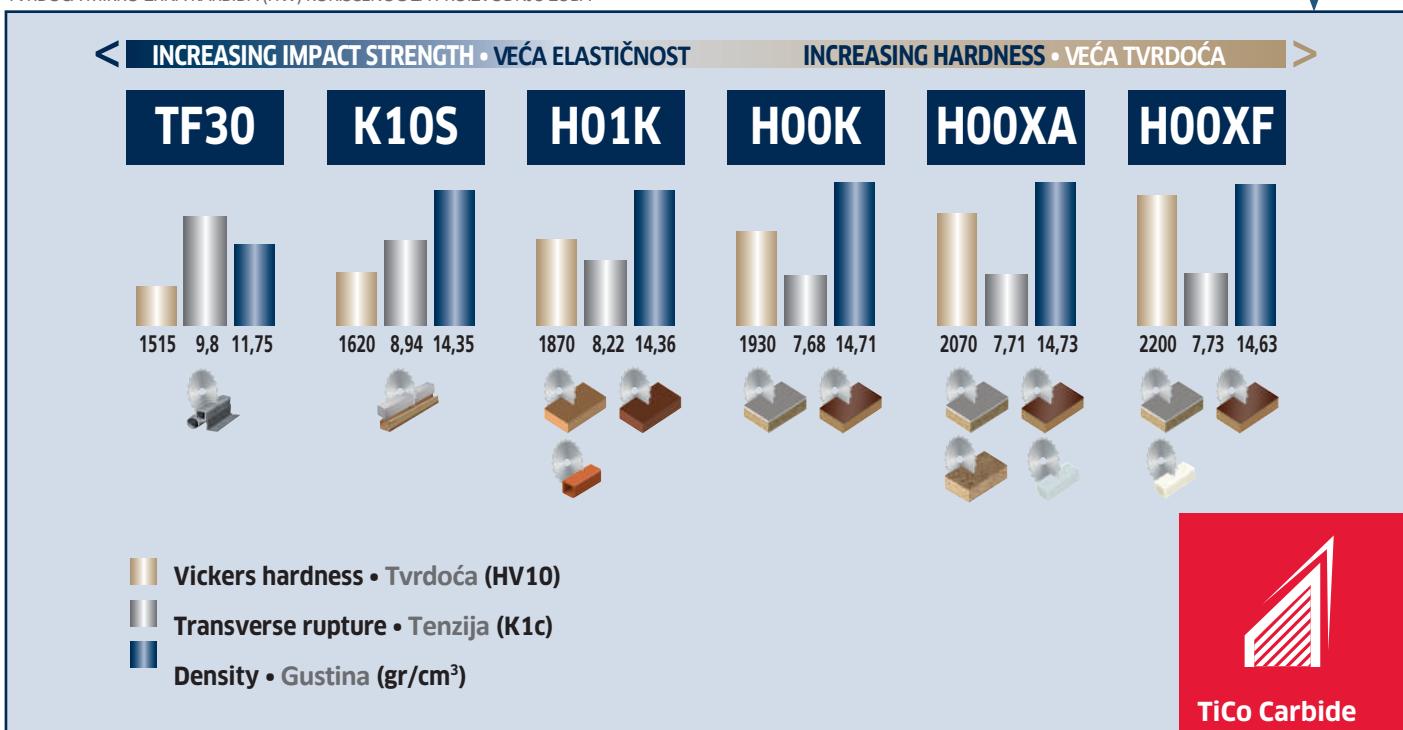
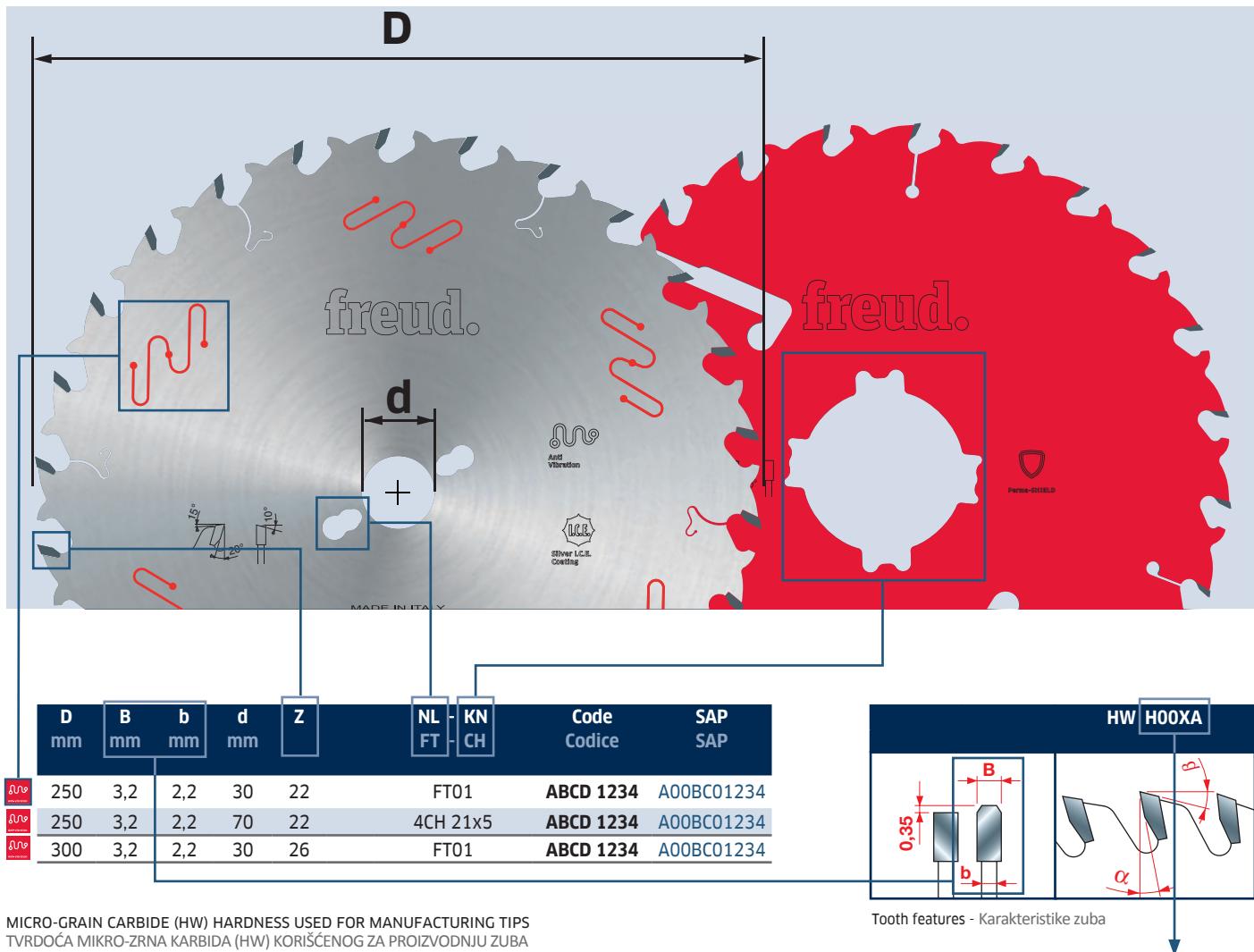
Tabela 2

Saw blade's technical table to obtain the correct tooth feed rate, the feed rate of the material, the number of teeth and the RPM
 Tabela za određivanje adekvatne brzine zuba, brzine ubacivanja komada, broja zuba i broja obrtaja (RPM)



Explanation of symbols and abbreviations

Pojašnjenje simbola i skraćenica



Explanation of symbols and abbreviations

Pojašnjenje simbola i skraćenica

PERFORMANCE		
Ultimate Najbolja	High Odlična	Standard Dobra
●	●	●

CHART ABOUT THE SAW BLADE'S
PERFORMANCE
TABELA PERFORMANSI TESTERA

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SYMBOLS TO READ THE PRODUCT TABLES SIMBOLI POTREBNI ZA TUMAČENJE TABELA PROIZVODA

D	Diameter Prečnik	d	Central bore Centralni otvor	α	Hook angle Grudni ugao
B	Cutting thickness Debljina reza	Z	Number of teeth Broj zuba	β	Back relief angle Leđni ugao
B-B1	Adjustable cutting thickness Podesiva debljina reza	KN CH	Keyways Otvori za klinove	Code Codice	Item code Šifra artikla
b	Saw blade body thickness Debljina tela testere	NL FT	Pin holes Pomoći otvori	SAP SAP	Item code - for SAP users only Šifra artikla - samo za klijente SAP

OTHER SYMBOLS ALTRI SIMBOLI

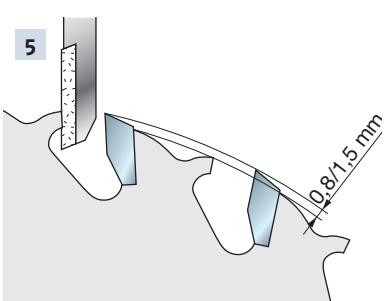
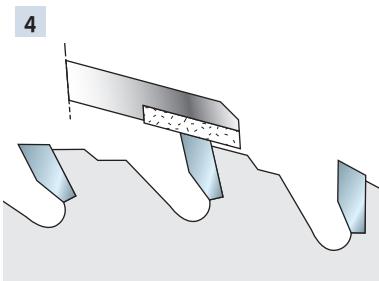
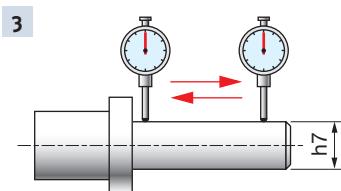
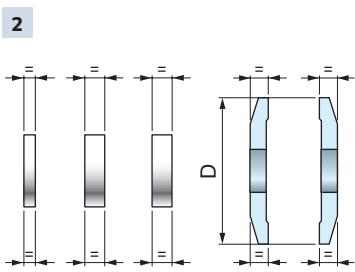
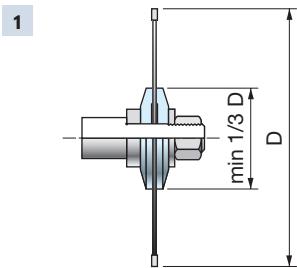
	Silver I.C.E. Coating Silver I.C.E. zaštitni sloj		Multi-rip saw blade for ripping of softwood Testera za uzdužno rezanje mekog drveta na višelisnim cirkularima		Saw blade to cut solid wood and composites with nails and impurities Testera za rezanje masiva i kompozita sa ekserima i nečistoćama
	Perma-SHIELD coating Perma-SHIELD zaštitni sloj		Multi-rip saw blade for ripping of hardwood Testera za uzdužno rezanje tvrdog drveta na višelisnim cirkularima		Saw blade to cut laminates Testera za rezanje laminata
	Anti-vibration technology Antivibraciona tehnologija		Saw blade for ripping of softwood Testera za uzdužno rezanje mekog drveta		Saw blade to cut veneered Testera za rezanje furnira
	Saw blade for miter saws Testera za ger		Saw blade for ripping of hardwood Testera za uzdužno rezanje tvrdog drveta		Scoring saw blade Predrezač
	Saw blade for portable machines Testera za prenosne cirkulare		Saw blade for ripping of softwood Testera za uzdužno rezanje mekog drveta		Saw blade to cut picture frames Testera za rezanje ramova
	Right hand or left hand Desni ili levi smer kretanja		Saw blade for ripping of hardwood Testera za uzdužno rezanje tvrdog drveta		Saw blade to cut PVC Testera za rezanje PVC-a
	Tools for automatic feed Alati za automatsko dodavanje		Saw blade for cross cutting of softwood Testera za poprečno rezanje mekog drveta		Saw blade to cut plastic materials Testera za rezanje plastičnih materijala
	Disposable knives Izmenjive pločice (nožići)		Saw blade for cross cutting of hardwood Testera za poprečno rezanje tvrdog drveta		Saw blade to cut plexiglas Testera za rezanje pleksiglasa
			Saw blade for ripping and cross cutting of softwood Testera za uzdužno i poprečno rezanje mekog drveta		Saw blade to cut solid surfaces Testera za rezanje radnih ploča
			Saw blade for ripping and cross cutting of hardwood Testera za uzdužno i poprečno rezanje mekog drveta		Saw blade to cut non-ferrous metals Testera za rezanje aluminijuma i obojenih metala
			Saw blade to cut wood composites Testera za rezanje drvenih kompozita		Saw blade to cut ferrous metals Testera za rezanje gvožđa i crnih metala

Tips for the correct use of a saw blade

Saveti za ispravno korišćenje testere

Tips for the correct use of a saw blade

Saveti za ispravno korišćenje testere



To obtain the best performance from a saw blade we suggest to follow these simple instructions:

- The machine must be in good condition, free of vibrations.
- The flanges used to secure the blade must be of the same diameter, at least 1/3 of the blade's diameter (Fig. 1).
- The flanges must be parallel to each other. Also check tolerances on diameters, sides and concentricity, by using a clock gauge (Fig. 2).
- The spacers must be perfectly parallel (Fig. 2).
- The spindle must be perfectly straight and with an H7 tolerance (Fig. 3).
- After continuous use, remove the blade and clean it with the appropriate solvents making sure to get rid of built up resin. For the synthetic coated (perma-SHIELD) blades, it's sufficient to use warm water. In any case, avoid using solvents containing caustic soda.
- The blades must be sharpened as soon as they become dull, maintaining the original tooth angles.
- For sharpening, always use the correct grinding wheels and plenty of cooling liquid.
- Always keep spacers and flanges clean.
- When sharpening, the shoulder of the teeth must not be lowered more than needed. This operation must be done with appropriate precision machinery and never by hand. There is the risk of breaking the tip or upsetting the blade balance (Fig. 4 - 5).
- On ripping machines, the feeding track must be levelled with the fixed table.
- Before starting the cut of the material, make sure the blade is correctly locked according to the machine's specifications.

Da biste iskoristili najbolje performanse testere, predlažemo Vam da pratite ova jednostavna uputstva:

- Mašina na kojoj radite mora biti u dobrom stanju, bez vibracija.
- Flanšne kojima se steže testera moraju biti istih dimenzija, otprilike minimum 1/3 prečnika testere (Slika 1).
- Flanšne za stezanje moraju biti paralelno postavljene. Proverite da li su dobro postavljene i pričvršćene pre započinjanja radova (Slika 2).
- Distantni prstenovi moraju biti savršeno paralelni (Slika 2)
- Osovina mora biti ravna i u toleranciji h7 (Slika 3).
- Nakon duže upotrebe, skinite testeru sa mašine i operite je odgovarajućim sredstvom da biste sprečili nagomilavanje otpadaka po njoj. Za testere sa sintetičkom (perma-SHIELD) prevlakom, dovoljno je da upotrebite toplu vodu. U svakom slučaju, izbegavajte upotrebu rastvora koji u sebi sadrže kaustičnu sodu.
- Naoštrite testere čim primetite da su tipe, zadržavajući originalne uglove zuba.
- Prilikom oštrenja uvek koristite odgovarajuće brusne ploče i dovoljno tečnosti za rashlađivanje.
- Vodite računa da distantni prstenovi i prirubnice budu uvek čisti.
- Telo iza zuba ne sme se spuštati više nego što je potrebno i to se nikada ne sme raditi ručno, jer postoji opasnost od lomljenja vrha i gubitka pravilnog balansa testere (Slike 4 - 5)
- Na višelisnim cirkularima, vučni valjci moraju biti u ravni sa fiksnim delom stola.
- Pre početka rezanja proverite da li je testera dobro fiksirana u skladu sa specifikacijama mašine.

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Tips for the correct use of a saw blade

Saveti za ispravno korišćenje testere

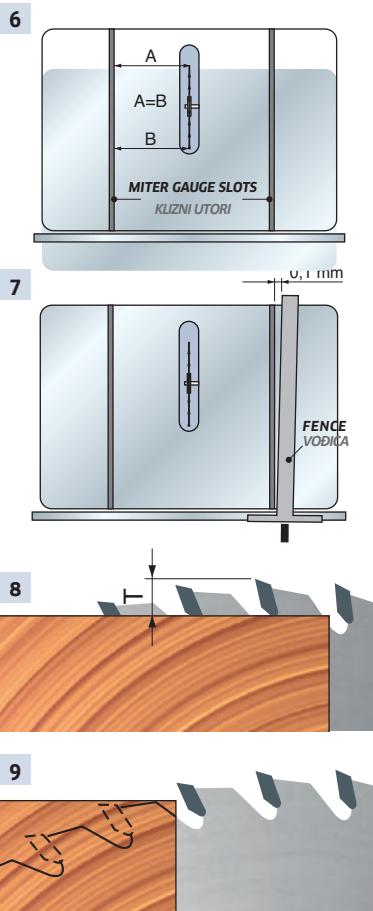


Table 1 - Tabela 1

Saw blade diameter Prečnik testere	Maximum RPM Max OBRTAJA/MIN
100 mm	23.000
125 mm	18.000
150 mm	14.500
180 mm	11.500
185 mm	11.000
200 mm	10.000
225 mm	8.500
250 mm	8.000
255 mm	7.800
280 mm	7.100
300 mm	6.500
320 mm	6.000
350 mm	5.500
380 mm	5.000
400 mm	4.700
430 mm	4.400
450 mm	4.200
500 mm	3.750
550 mm	3.400
600 mm	3.100
630 mm	2.950
650 mm	2.800
700 mm	2.600
730 mm	2.500
760 mm	2.400
800 mm	2.250

Not valid for saw blades to cut ferrous metals.
Nije validno za testere za rezanje gvožđa i crnih metala.

SAW BLADE ALIGNMENT ON A TABLE SAW

- If the saw blade and the saw are not correctly aligned to the table and the fence, then there is the possibility that a serious accident may occur (for example, violent kickbacks) or that the workpiece may scorch or splinter. The first thing you must do is read the instruction sheet carefully. This is necessary so as you may acquire the understanding and comprehension of the corrections suggested in this section.
- Before carrying out the following instructions, make sure that the starter switch is off and that the machine is not connected to the socket.

Mounting the saw blade onto the table:

We advise you to use precise measuring instruments when mounting your saw blade. Clean the saw blade well, before mounting it onto the machine. Mount the saw blade onto the arbor. Adjust the arbor to its maximum height. With the aid of the most precise measuring instrument available, verify that the saw blade is parallel to the miter gauge slots (Fig. 6). Adjust as needed. This step is necessary to obtain crosscuts with the maximum in quality finish and for setting up the fence for ripping.

Positioning the fence for ripping:

After having positioned the saw blade so as it is parallel to the miter gauge slots, you may proceed with setting the fence. The fence should ideally be parallel to the saw blade. However since it is impossible to position the guide "exactly" it is necessary to leave a slight margin of clearance on the exit side of the cut so as to avoid the wood becoming wedged in between the fence and the saw blade.

Adjust the fence so as when it is aligned to the miter gauge slots, there is a space of 0,1 mm (fig. 7; for the correct adjustment, consult the machine's instruction manual).

- The maximum RPM of a circular saw blade varies according the diameter of the blade itself (table 1). If you exceed this limit, the saw blade will lose its characteristics, therefore influencing the cutting quality and the work life of the blade itself, not to mention the dangers implied to the user who may incur serious injury.
- The saw blade's projection (T) with respect to the workpiece must be at least equal to the height of the blade's tooth (fig. 8). Increase or decrease the projection of the saw blade to improve the quality of the cutting finish.
- The number of teeth cutting (teeth cutting the wood simultaneously - fig. 9) must be between 3 or 4. With less than three teeth cutting, the saw blade begins to vibrate leading to an uneven cut. If you want to cut workpieces with increased thicknesses (S - fig. 11), but wish to maintain the same diameter saw blade, then use a blade with less teeth. If instead you want to cut workpieces with a reduced thickness, but also maintain the same diameter saw blade, then use a blade with more teeth.

POSTAVLJANJE TESTERE NA MAŠINU

• Ukoliko testere i mašina nisu pravilno postavljene u odnosu na sto i vođicu, može doći do ozbiljnih nezgoda (npr. odskakanja komada) ili se komad može oštetiti. Prva stvar koju morate uraditi jeste da pažljivo pročitate uputstvo za rukovanje mašinom. Zahvaljujući tome, moći ćete i da razumete i primenite savete koje Vam u ovom delu kataloga dajemo.

• Pre primene saveta koje Vam dajemo, proverite da li je mašina isključena i da nema dovoda struje.

Postavljanje testere na sto:

• Savetujemo Vam da koristite tačne merne instrumente kada postavljate testeru. Pre postavljanja, testeru koja je radila dobro očistite. Postavite testeru na osovinu i dovedite je na maksimalnu visinu. Uz pomoć preciznog mernog instrumenta proverite da li je testera paralelna sa kliznim utorima (Slika 6). Podesite je na taj način. Ovaj korak je neophodan da bi se dobili poprečni rezovi maksimalnog kvaliteta završnog reza i da bi se postavila vođica za uzdužan rez.

Postavljanje vođice za poprečan rez:

• Kada ste postavili testeru paralelno sa kliznim utorima, možete pristupiti podešavanju vođice. Vođica bi u idealnim uslovima trebalo da bude paralelna sa testerom. Međutim, kako je nemoguće postaviti vođicu „apsolutno tačno“, potrebno je ostaviti malu marginu na izlaznoj strani reza da bi se izbeglo zaglavljivanje komada između vođice i testere. Podesite vođicu tako da bude otprilike oko 0,1mm između nje i kliznih utora (Slika 7). Za tačno podešavanje, pogledajte uputstvo koje ste dobili uz mašinu.

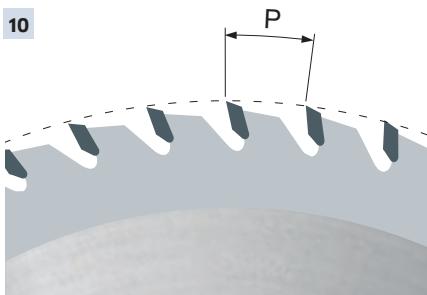
• Maksimalan broj obrtaja testere (RPM) zavisi od prečnika testere (Tabela 1). Ukoliko se ove vrednosti pređu, testeraće izgubiti svoja svojstva, što će direktno uticati na kvalitet reza i vek trajanja testere – da ne spominjemo i opasnost od povreda koje se mogu desiti ukoliko se testera ošteći.

• Projekcija testere (T) mora biti takva da ona bude viša (viri iz materijala) barem za visinu zuba (Slika 8). Smanjenje ili povećanje te visine utičaće na kvalitet završnog reza.

• Broj zuba koji se istovremeno nalaze u zahvatu (Slika 9) mora biti između 3 i 4. Ukoliko istovremeno kroz komad prodire manje od 3 zuba, testera počinje da vibrira i doći će do neravnomernog rezanja. Ukoliko želite da režete komad povećane visine (S – Slika 11), ali želite da zadržite istu dimenziju testere, koristite testere sa manjim brojem zuba. Ukoliko želite da režete komad manje visine, uz zadržavanje iste dimenzije testere, odlučite se za tetesu sa većim brojem zuba.

Tips for the correct use of a saw blade

Saveti za ispravno korišćenje testere



- To obtain the pitch (**P**) of a blade (the distance between teeth: fig. 10 - (see formula "a") multiply the thickness of the workpiece by 1,4142 and divide by 3 (if you want 3 teeth cutting) or by 4 (if you want 4 teeth cutting).
- Formula "b": to obtain the number of teeth (**Z**) of the saw blade, multiply the diameter (**D**) of the saw blade by 3,14 (π) and divide by the pitch of the saw blade - obtained from the previous formula. The shorter formula "c" allows you to obtain the nr. of the saw blade's teeth, knowing its diameter and the thickness of the workpiece.
- Korak (**P**) je udaljenost između zuba (Sl. 10). Da biste ga dobili (vidi formulu "a"), pomnožite debljinu komada sa 1,4142 i podelite s 3 (ako želite 3 zuba u zahvatu) ili 4 (ako želite 4 zuba u zahvatu).
- Formula "b": za dobijanje broja zuba (**Z**) testere, pomnožite njen prečnik (**D**) s 3,14 (π) i podelite s korakom (**P**) dobijenim u prethodnoj formuli. Kraća formula "c" omogućava da se dobije potreban broj zuba testere koristeći samo njen prečnik i debljinu komada koji se reže.

Formula A	Formula B	Formula C
$P = \frac{S \times 1,4142}{3}$	$Z = \frac{D \times 3,14}{P}$	$Z = \frac{D \times 8}{S}$

KEY:

LEGENDA:

P=pitch / korak

S=thickness of the workpiece / debljina komada

Z=nr. teeth of the saw blade / broj zuba testere

D=diameter of the saw blade / prečnik testere

ATTENTION:

These formulas are valid for crosscutting and cutting other wood composites of (MDF, plywood, chipboard and laminated panels) and cannot be applied for ripping.

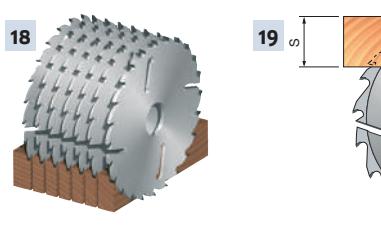
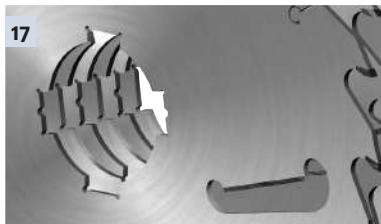
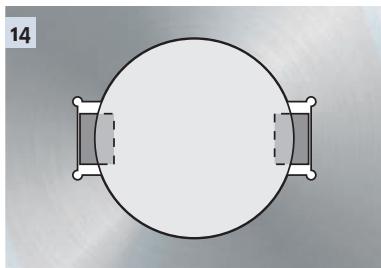
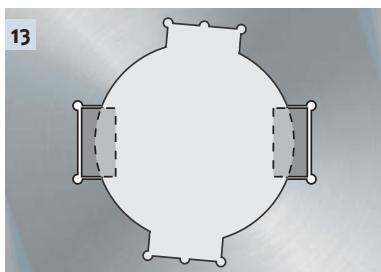
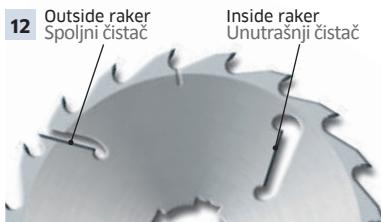
PAŽNJA:

Ove formule su validne za poprečno rezanje drveta i pločastih materijala (medijapana MDF, iverice, šper ploče i laminata) i ne mogu se primeniti na uzdužno rezanje.

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Tips for the correct use of a saw blade

Saveti za ispravno korišćenje testere



- Rakers (Fig. 12) are inserts in HW that are brazed onto saw blades exclusively for cutting wood. They help keep a distance between the saw blade body and the workpiece, in order to avoid friction and overheating which cause the blade to deform.
- On saw blades for multiripping machines the anti kick-back device is advised in cases where wood has loose knots and discards cases insert themselves underneath the saw blade.
- The pairing of blade and arbor with keyways is excellent in all cases where the keyways are the same (Fig. 13) or smaller than the blade slots (Fig. 14).
- On machines with an arbor with 1 keyway, you can only mount blades with 1 keyway slot (Fig. 15); on machines with an arbor with 2 keyways, you can only mount blades with 2 or 4 keyway slots (Fig. 16).
- You cannot mount a saw blade with 2 keyways on an arbor with 1 keyway slot, because the pairing will not be balanced.
- In case multiripping saw blades are used, it is recommendable to assemble them with alternate keyways (Fig. 17).
- Shoulder blade ensures correct distribution of lateral forces created by crooked planks in heavy duty use. The shoulder blade must be the first blade on the guide side of the multiripping machine.
- Always use shoulder blade with the set of multiripping blades (Fig. 18).
- On multiripping saw blades, the thickness of the workpiece (S) varies according to the diameter of the blade (\varnothing) and the minimum diameter (\varnothing_1) of the rakers (the rakers position may vary from blade to blade - Fig. 19).

- Čistači (Slika 12) su TM pločice koje su lemljene na telo testera isključivo za rezanje drveta. Koriste se za odvajanje drveta od tela alata, kako bi se izbeglo trenje i pregrevanje što uzrokuje deformaciju testere.
- Na testerama za višelisne cirkulare, preporučuje se upotreba stezača protiv odskakanja komada, posebno u slučajevima kada drvo ima čvorove i kada se može desiti da ostaci komada koji se reže upadnu ispod testere.
- Pričvršćivanje testera za osovinu najbolje je kada postoje otvori koji odgovaraju dimenzijama klinova (Slika 13) ili su malo veći od dimenzija klinova (Slika 14).
- Na mašine čija osovina ima jedan klin mogu se montirati samo testere koji imaju jedan otvor za klin (Slika 15), a na mašine čija osovina ima dva kлина mogu se montirati testere koji imaju dva ili četiri otvora za klinove (Slika 16).
- Testera sa dva otvora za klin ne može se montirati na osovinu sa jednim klinom, jer ne bi mogla dobro da se balansira.
- Ukoliko se vrši postavljanje više testera za višelisne cirkulare odjednom, preporuka je da se to radi tako što će se svaka od testera pomeriti za po jedan otvor u odnosu na prethodnu (Slika 17).
- Krajnja testera na višelisnim cirkularima mora biti jača od ostalih i postavlja se kao prva na ulaznoj strani komada. Ona osigurava pravilnu distribuciju lateralnih sila prilikom obrade komada.
- Uvek koristite krajnju testeru u setu testera za višelisni cirkular (Slika 18).
- Kada su u pitanju višelisni cirkulari, debljina komada (S) zavisi od prečnika testere (\varnothing) i minimalnog prečnika (\varnothing_1) čistača (njihov položaj može varirati od testere do testere (Slika 19).

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