

freud

**Precisely
the best**



LSB X NeXt Generation
Premium saw blades for panel sizing

BIESSE-SELCO

AES - ANTHON
AYZA MIZRAK

FELDER MAYER
FIMAL GIBEN

HOLZER
HOLZMA

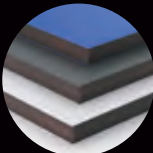
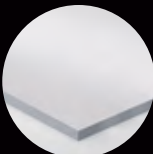
HOMAG
NANXING

NIMAC PANHANS
SCHEER SCHELLING

SCİM-GABBİANI
TÖRK MAKİNE
TÜRANLAR

LSB X RANGE
BY DIAMETER

THE MOST COMPLETE RANGE OF CIRCULAR SAW BLADES FOR PANEL SIZING MACHINES

CHIPBOARD & MDF			● ● ●
LAMINATED CHIPBOARD & MDF			● ● ●
HPL			● ●
PLEXIGLAS			● ●

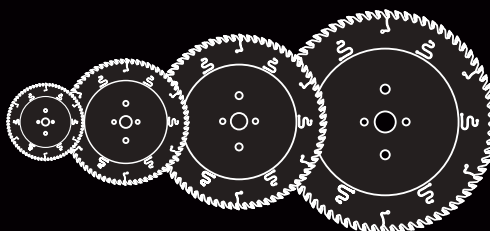
Key of performance
● ● ● Ultimate ● ● High ● Good

FOR AUTOMATIC PANEL SIZING MACHINES

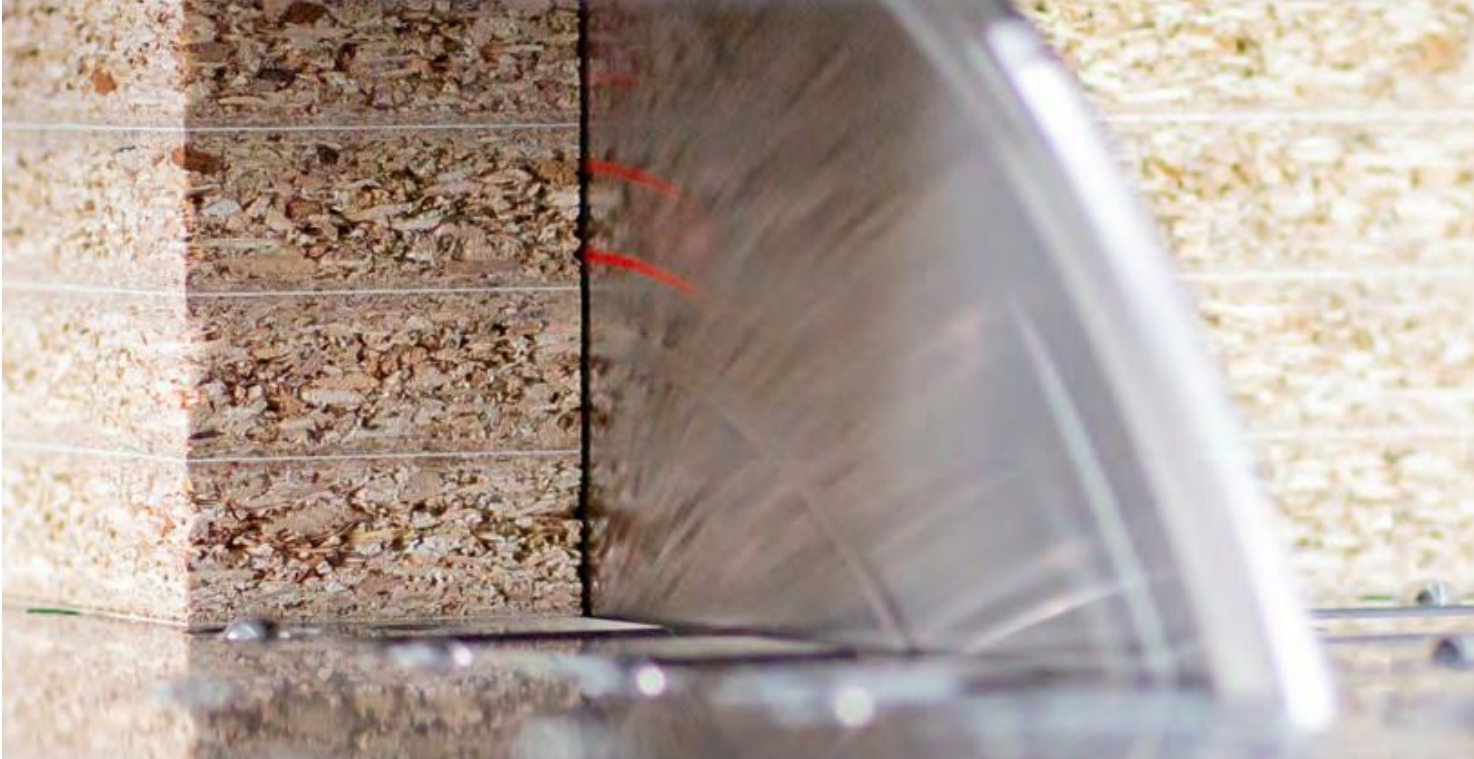


AVAILABLE IN A WIDE RANGE OF DIAMETERS

from 250 mm



to 720 mm



BIESSE-SELCO

AES - ANTHON
AYZA MIZRAK

FELDER
FIMAL
MAYER
GIBEN

HOLZER
HOLZMA

HOMAG
NANXING

NIMAC
SCHEER
PANHANS
SCHELLING

SCM-GABBIANI
TÖRK MAKİNE
TURANLAR

LSB X RANGE
BY DIAMETER

Suitable for more than

130 panel sizing machines of most popular brands

AES ANTHON AYZA MIZRAK

BIESSE FIMAL FELDER MAYER

GABBIANI GIBEN HOLZER

HOLZMA HOMAG NANXING

NIMAK PANHANS SCHEER KOCH

SCHELLING SCM SCM-GABBIANI

TÖRK MAKİNE TURANLAR

LSB X PRODUCT FEATURES

WHY FREUD LSB X IS PRECISELY THE BEST FOR PANEL SIZING



Extraordinary performance
Long lasting TiCo Carbide in-house manufactured.



Low noise
Exclusive anti-vibration slots.



Extreme shock resistance
Special Tri-metal brazing alloy withstands extreme impact.



TiCo Carbide

- A specially formulated, highly compact Titanium Cobalt Carbide, engineered and manufactured by Freud.
- It provides a sharper edge and flawless finish with a dramatically longer cutting life.



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 lifetime of the blade.



Excellent rust protection and anti-friction technology
Silver I.C.E. Coating.



Extended lifetime
up to 25 resharpenings
Supersquare tooth design.



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.

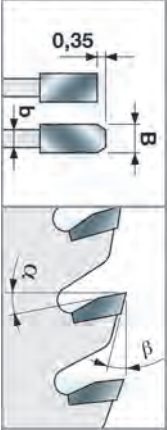
Exceptional cutting finishing
Increased body stability.

EXPLANATION OF SYMBOLS
AND ABBREVIATIONS

Guide to product tables

D	Outer diameter (mm)	B	Cutting thickness (mm)	B-B1	Adjustable cutting thickness (mm)	b	Body thickness (mm)
d	Central bore diameter (mm)	Z	Number of teeth	α	Hook angle (°)	β	Back relief angle (°)
Anti-vibration slots							

Optimized tooth geometry

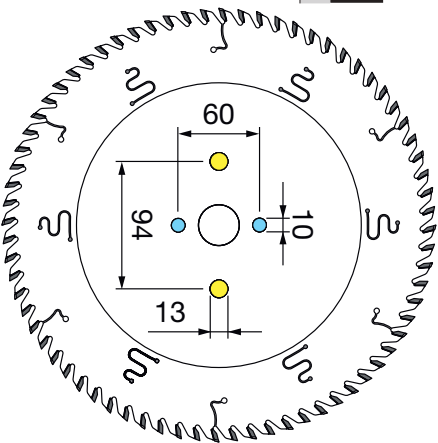


The LSB X range represents the ideal choice for industrial panel sizing. Saw blades suitable for chipboard and MDF bilaminated panels. Good finishing also in HPL and acrylic panels cutting.

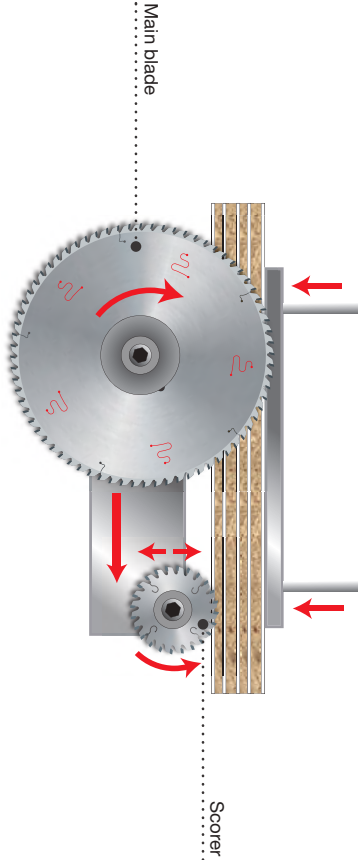
Guide to Pin Holes

Example

Pin Holes	Freud Code	Art. No.
2/10/60 + 2/13/94	example	example
Number of pin holes		
Pin holes diameter		
Centre to centre distance		



FIND THE PERFECT PANEL SIZING BLADE SET
BY MACHINE



Machine Type	Tool Type	D mm	B-B1 mm	b mm	d mm	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
BIESSSE-SELCO												
EB 70 (L)	Main blade	300	4,4	3	65	60	TCG	15°	15°	2/9/110	LSB30002X	F03FS09159
	HW Scorer	200	4,3-5,5	3,2	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LD25M43P13	F03FS02681
	HW Scorer	300	4,3-5,5	3,0	65	48	ATB	12°	15°	2/9/100+ 2/9/110	LD25M43P13	F03FS07616
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43P1H4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43P1H6	F03FS09626
	Postf. scorer	300	4,55	3,2	65	72	ATB	15°	15°	2/9/100+ 2/9/110	LD27M DA3	F03FS02737
	Main blade	320	4,4	3,2	65	60	TCG	15°	15°	2/9/110	LSB32003X	F03FS09161
	Main blade	320	4,4	3,2	65	72	TCG	15°	15°	2/9/95+ 2/9/110	LSB32001X	F03FS07805
	HW Scorer	200	4,3-5,5	3,2	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LD25M43P13	F03FS02681
	HW Scorer	300	4,3-5,5	3,0	65	48	ATB	12°	15°	2/9/100+ 2/9/110	LD25M43P13	F03FS07616
EB 70 (KIT 80), 75 (SEKTOR 430), 80 (SEKTOR 450), SK350, SK450	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43P1H4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43P1H6	F03FS09626
	Postf. scorer	300	4,55	3,2	65	72	ATB	15°	15°	2/9/100+ 2/9/110	LD27M DA3	F03FS02737
	Main blade	320	4,4	3,2	65	72	TCG	15°	15°	2/9/95+ 2/9/110	LSB32001X	F03FS07805
	HW Scorer	200	4,3-5,5	3,2	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LD25M43P13	F03FS02681
	HW Scorer	300	4,3-5,5	3,0	65	48	ATB	12°	15°	2/9/100+ 2/9/110	LD25M43P13	F03FS07616
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43P1H4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43P1H6	F03FS09626
	Postf. scorer	300	4,55	3,2	65	72	ATB	15°	15°	2/9/100+ 2/9/110	LD27M DA3	F03FS02737
	Main blade	320	4,4	3,2	65	72	TCG	15°	15°	2/9/95+ 2/9/110	LSB32001X	F03FS07805
WN2, WN230, SK230	HW Scorer	200	4,3-5,5	3,2	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LD25M43P13	F03FS02681
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43P1H4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43P1H6	F03FS09626
	Postf. scorer	300	4,55	3,2	65	72	ATB	15°	15°	2/9/100+ 2/9/110	LD27M DA3	F03FS02737
	Main blade	320	4,4	3,2	65	72	TCG	15°	15°	2/9/95+ 2/9/110	LSB32001X	F03FS07805
	HW Scorer	200	4,3-5,5	3,2	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LD25M43P13	F03FS02681
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43P1H4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43P1H6	F03FS09626
	Postf. scorer	300	4,55	3,2	65	72	ATB	15°	15°	2/9/100+ 2/9/110	LD27M DA3	F03FS02737
	Main blade	320	4,4	3,2	65	72	TCG	15°	15°	2/9/95+ 2/9/110	LSB32001X	F03FS07805

Machine Type	Tool Type	D mm	B-B1 mm	b mm	d mm	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
WN 250	Main blade	350	4,4	3,2	65	72	TCG	15°	15°	2/9/110	LSB35013X	F03FS09659
	HW Scorer	200	4,3-5,5	3,2	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LP25M43P13	F03FS02681
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PH4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PH6	F03FS09626
	Main blade	355	4,4	3,2	65	72	TCG	15°	15°	2/9/95+ 2/9/110	LSB35508X	F03FS08740
EB 95, SEKTÖR 470, K470, SK370	HW Scorer	200	4,3-5,5	3,2	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LP25M43P13	F03FS02681
	HW Scorer	300	4,3-5,5	3,0	65	48	ATB	12°	15°	2/9/100+ 2/9/110	LP25M43RX3	F03FS07616
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PH4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PH6	F03FS09626
	Postif. scorer	300	4,55	3,2	65	72	ATB	15°	15°	2/9/100+ 2/9/110	LP27M DA3	F03FS02737
EB100	Main blade	360	4,4	3,2	65	72	TCG	15°	15°	2/9/95 + 2/9/110	LSB36002X	F03FS07673
	HW Scorer	200	4,3-5,5	3,2	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LP25M43P13	F03FS02681
	HW Scorer	300	4,3-5,5	3,0	65	48	ATB	12°	15°	2/9/100+ 2/9/110	LP25M43RX3	F03FS07616
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PH4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PH6	F03FS09626
WN-WNA 610, WN-WNA 610 (PFS)	Postif. scorer	300	4,55	3,2	65	72	ATB	15°	15°	2/9/100+ 2/9/110	LP27M DA3	F03FS02737
	Main blade	380	4,4	3,2	65	72	TCG	15°	15°	2/9/110	LSB38014X	F03FS09186
	HW Scorer	200	4,3-5,5	3,2	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LP25M43P13	F03FS02681
	HW Scorer	300	4,3-5,5	3,0	65	48	ATB	12°	15°	2/9/100+ 2/9/110	LP25M43RX3	F03FS07616
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PH4	F03FS09625
EB108, EB110, EB120	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PH6	F03FS09626
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PH4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PH6	F03FS09626
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PH6	F03FS09626
	Postif. scorer	300	4,55	3,2	65	72	ATB	15°	15°	2/9/100+ 2/9/110	LP27M DA3	F03FS02737

Machine Type	Tool Type	D mm	B-B1 mm	b mm	d mm	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
WN-WNA 630, WN-WNA 630 (PFS)	Main blade	400	4,4	3,2	65	72	TCG	15°	15°	2/9/110	LSB40016X	F03FS09172
	HW Scorer	200	4,3-5,5	3,2	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LP25M43P13	F03FS02681
	HW Scorer	300	4,3-5,5	3,0	65	48	ATB	12°	15°	2/9/100+ 2/9/110	LP25M43RX3	F03FS07616
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PH4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PH6	F03FS09626
EB/EBT 120, WN 125	Main blade	430	4,4	3,2	80	72	TCG	15°	15°	2/9/130+ 2/1/4/110+ 4/19/120	LSB43009X	F03FS07909
	HW Scorer	200	4,3-5,5	3,2	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LP25M43P13	F03FS02681
	HW Scorer	300	4,3-5,5	3,2	65	72	ATB	12°	15°	2/9/110	LP25M43R13	F03FS02689
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PH4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PH6	F03FS09626
WN-WNA 650, WN-WNA 650 (PFS)	Postif. scorer	300	4,55	3,2	65	72	ATB	15°	15°	2/9/100+ 2/9/110	LP27M DA3	F03FS02737
	Main blade	430	4,4	3,2	65	72	TCG	15°	15°	2/9/110	LSB43012X	F03FS09178
	HW Scorer	200	4,3-5,5	3,2	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LP25M43P13	F03FS02681
	HW Scorer	300	4,3-5,5	3,0	65	48	ATB	12°	15°	2/9/100+ 2/9/110	LP25M43RX3	F03FS07616
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PH4	F03FS09625
WN 710, WN 710 (PFS)	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PH6	F03FS09626
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PH6	F03FS09626
	Main blade	430	4,8	3,5	70	72	TCG	15°	15°	4/11/130	LSB43013X	F03FS09180
	HW Scorer	200	4,7-5,9	3,5	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LP25M47P13	F03FS02720
	HW Scorer	300	4,7-5,9	3,5	65	48	ATB	12°	15°	2/9/100+ 2/9/110	LP25M47RX3	F03FS07744
WN 600/132, WN 200	DP Scorer	200	4,7-5,5	3,5	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M47PH4	F03FS09631
	DP Scorer	200	4,7-5,5	3,5	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M47PH6	F03FS09632
	DP Scorer	200	4,7-5,5	3,5	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M47PH6	F03FS09632
	DP Scorer	200	4,7-5,5	3,5	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M47PH6	F03FS09632
	Postif. scorer	300	4,95	3,0	65	72	ATB	15°	15°	2/9/100+ 2/9/110	LP27M DB3	F03FS02739

frend

frend

Machine Type	Tool Type	D	B-B1	b	d	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
FELDER MAYER												
KAPPA AUTOMATIC 80	Main blade	320	4,4	3,2	30	60	TCG	15°	15°		LSB32005X	F03FS09160
	Main blade	320	4,4	3,2	30	72	TCG	15°	15°	2/10/60+ 2/13/94	LSB32009X	F03FS10296
	HW Scorer	150	4,3-5,6	3,2	30	36	ATB	8°	15°		LT25M43KC3	F03FS02649
KAPPA AUTOMATIC 80 EDITION	Main blade	320	4,4	3,2	30	60	TCG	15°	15°		LSB32005X	F03FS09160
	HW Scorer	150	4,3-5,6	3,2	30	36	ATB	8°	15°		LT25M43KC3	F03FS02649
	Main blade	320	4,4	3,2	30	60	TCG	15°	15°		LSB32005X	F03FS09160
KAPPA AUTOMATIC CLASSIC	HW Scorer	150	4,3-5,6	3,2	30	36	ATB	8°	15°		LT25M43KC3	F03FS02649
	Main blade	320	4,4	3,2	30	60	TCG	15°	15°		LSB32005X	F03FS09160
	HW Scorer	150	4,3-5,6	3,2	30	36	ATB	8°	15°		LT25M43KC3	F03FS02649
PS80	Main blade	320	4,4	3,2	30	60	TCG	15°	15°		LSB32005X	F03FS09160
	HW Scorer	150	4,3-5,6	3,2	30	36	ATB	8°	15°		LT25M43KC3	F03FS02649
	Main blade	355	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35504X	F03FS07674
KAPPA AUTOMATIC 100	HW Scorer	150	4,3-5,6	3,2	30	36	ATB	8°	15°	2/10/60	LT25M43KC3	F03FS02649
	Main blade	355	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35504X	F03FS07674
	HW Scorer	150	4,3-5,6	3,2	30	36	ATB	8°	15°	2/10/60	LT25M43KC3	F03FS02649
PS80 PREMIUM	Main blade	355	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35504X	F03FS07674
	HW Scorer	150	4,3-5,6	3,2	30	36	ATB	8°	15°	2/10/60	LT25M43KC3	F03FS02649
	Main blade	400	4,4	3,2	30	48	TCG	15°	15°	2/10/60	LSB40001X	F03FS09168
KAPPA AUTOMATIC 120	Main blade	400	4,4	3,2	30	60	TCG	15°	15°	2/10/60	LSB40004X	F03FS09169
	Main blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60+ 2/13/94	LSB40007X	F03FS07725
	HW Scorer	150	4,3-5,6	3,2	30	36	ATB	8°	15°	2/10/60	LT25M43KC3	F03FS02649
PS100	Main blade	400	4,4	3,2	30	48	TCG	15°	15°	2/10/60	LSB40001X	F03FS09168
	Main blade	400	4,4	3,2	30	60	TCG	15°	15°	2/10/60	LSB40004X	F03FS09169
	Main blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60+ 2/13/94	LSB40007X	F03FS07725
PS2 Z	HW Scorer	150	4,3-5,6	3,2	30	36	ATB	8°	15°	2/10/60+ 2/14/95	LSB45007X	F03FS09181
	Main blade	450	4,4	3,2	30	72	TCG	15°	15°	2/10/60+ 2/14/95	LSB45007X	F03FS09181
	HW Scorer	150	4,3-5,6	3,2	30	36	ATB	8°	15°	2/10/60+ 2/14/95	LT25M43KC3	F03FS02649
KAPPA AUTOMATIC 140	Main blade	450	4,4	3,2	30	72	TCG	15°	15°	2/10/60+ 2/14/95	LSB45007X	F03FS09181
	HW Scorer	150	4,3-5,6	3,2	30	36	ATB	8°	15°	2/10/60+ 2/14/95	LT25M43KC3	F03FS02649
	Main blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
CONCEPT 350	Main blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
	Main blade	300	4,4	3	30	60	TCG	15°	15°	2/10/60	LSB30001X	F03FS07802
	Main blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
KR43	Main blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
	Main blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
	Main blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630

Machine Type	Tool Type	D	B-B1	b	d	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
GIBEN												
MK, GAMMA, N, ST, SE, TREND	Main blade	355	4,4	3,2	75	72	TCG	15°	15°	4/15/105+ 2/7/110	LSB35505X	F03FS07633
	HW Scorer	125	4,3-5,5	3,2	45	24	ATB	0°	15°		LT25M43FE3	F03FS02645
	Main blade	380	4,4	3,2	50	72	TCG	15°	15°	4/13/80	LSB38008X	F03FS09165
SMART SPT05, ICON 105	HW Scorer	250	4,3-5,5	3,2	50	48	ATB	6°	15°		LT25M430F3	F03FS02669
	Main blade	400	4,4	3,2	75	72	TCG	15°	15°	4/15/105+ 2/7/110+ 2/14/100	LSB40008X	F03FS07726
	Main blade	400	4,4	3,2	75	84	TCG	15°	15°	4/15/105+ 2/7/110	LSB40019X	F03FS08990
G 2000 STARMATIC	HW Scorer	125	4,5-5,7	3,0	45	24	ATB	0°	15°		LT25M45FE3	F03FS02699
	Main blade	400	4,4	3,2	75	72	TCG	15°	15°	4/15/105+ 2/7/110+ 2/14/100	LSB40008X	F03FS07726
	HW Scorer	160	4,3-5,5	3,0	45	36	ATB	8°	15°	3/11/70	LT25M43LE3	F03FS02655
PRISMATIC 101	Main blade	400	4,4	3,2	75	72	TCG	15°	15°	4/15/105+ 2/7/110+ 2/14/100	LSB40008X	F03FS07726
	Main blade	430	4,4	3,2	75	72	TCG	15°	15°	4/15/105+ 2/7/110	LSB43008X	F03FS07908
	HW Scorer	215	4,3-5,5	3,2	50	42	ATB	8°	15°	2/7/80+ 3/15/80	LT25M430F3	F03FS02685
PRISMATIC 201	HW Scorer	300	4,3-5,5	3,5	50	48	ATB	12°	15°		LT25M43RM3	F03FS02693
	DP Scorer	215	4,3-5,1	3,2	50	42	FLAT	6°	14°	2/7/80+ 3/15/80	DL25M430FH4	F03FS09633
	DP Scorer	215	4,3-5,1	3,2	50	42	FLAT	6°	14°	2/7/80+ 3/15/80	DL25M430FH6	F03FS09634
PRISMATIC 2, 3	Post. Scorer	300	4,55	3,2	50	72	ATB	15°	15°	3/15/80	LT27M D03	F03FS02743
	Main blade	470	4,4	3,2	75	96	TCG	15°	15°	4/15/105	LSB47004X	F03FS09184
	HW Scorer	215	4,3-5,5	3,2	50	42	ATB	8°	15°	2/7/80+ 3/15/80	LT25M430F3	F03FS02685
ICONFAST LM D-816	HW Scorer	215	4,5-5,7	3,2	50	42	ATB	8°	15°	3/15/80	LT25M45PF3	F03FS02713
	HW Scorer	300	4,3-5,5	3,5	50	48	ATB	12°	15°		LT25M43RM3	F03FS02693
	DP Scorer	215	4,3-5,1	3,2	50	42	FLAT	6°	14°	2/7/80+ 3/15/80	DL25M430FH4	F03FS09633
SCM-GABRIANI TURANLAR	DP Scorer	215	4,3-5,1	3,2	50	42	FLAT	6°	14°	2/7/80+ 3/15/80	DL25M430FH6	F03FS09634
	Post. Scorer	300	4,55	3,2	50	72	ATB	15°	15°	3/15/80	LT27M D03	F03FS02743
	Main blade	530	4,8	3,5	75	72	TCG	15°	15°	2/7/110	LSB53004X	F03FS09651
NIMAC PANHANS	HW Scorer	215	4,7-5,9	3,5	50	42	ATB	8°	15°	2/7/80	LT25M470F3	F03FS09650
	HW Scorer	215	4,7-5,9	3,5	50	42	ATB	8°	15°	2/7/80	LT25M470F3	F03FS09650
	HW Scorer	215	4,7-5,9	3,5	50	42	ATB	8°	15°	2/7/80	LT25M470F3	F03FS09650

Machine Type	Tool Type	D	B-B1	b	d	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
HOLZHER												
CUT 86, 82	Main blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
	HW Scorer	180	4,3-5,5	3,2	30	28	ATB	8°	15°		LI25M43NE3	F03FS02663
	HW Scorer	180	4,3-5,5	3,2	30	36	ATB	8°	15°	2/10/60 + 2/17/42	LI25M43NX3	F03FS06373
	Postf. scorer	250	4,60	3,0	30	48	ATB	15°	15°		LI27M BA3	F03FS02734
TECTRA 6120 CLASSIC	Main blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
	HW Scorer	180	4,3-5,5	3,2	30	36	ATB	8°	15°	2/10/60 + 2/17/42	LI25M43NX3	F03FS06373
	Main blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60+ 2/13/94	LSB40007X	F03FS07725
CUT 110	HW Scorer	250	4,3-5,5	3,2	30	48	CON	8°	15°	2/10/60	LI25M430C3	F03FS02668
	Postf. scorer	250	4,60	3,0	30	48	ATB	15°	15°		LI27M BA3	F03FS02734
ZENTREX 6220 (POWER, LIFT, DYNAMIC)	Main blade	430	4,4	3,2	30	72	TCG	15°	15°	2/13/94	LSB43007X	F03FS09177
	HW Scorer	180	4,3-5,5	3,2	30	36	ATB	8°	15°	2/10/60 + 2/17/42	LI25M43NX3	F03FS06373
HOLZMA												
HPP130	Main blade	300	4,4	3,2	60	72	TCG	15°	15°	2/14/100	LSB30012X	F03FS09207
	DP Scorer	180	4,3-5,1	3,2	45	30	FLAT	6°	14°		DLI25M43NEH4	F03FS09621
	Scorer	180	4,3-5,1	3,2	45	30	FLAT	6°	14°		DLI25M43NEH6	F03FS09622
	HW Scorer	180	4,3-5,5	3,2	45	36	CON	8°	15°		LI25M43NE3	F03FS02664
	Main blade	300	4,4	3,2	60	72	TCG	15°	15°	2/14/100	LSB30012X	F03FS09207
HPP230, 250 (before 06/2014)	Main blade	350	4,4	3,2	60	72	TCG	15°	15°	2/14/100	LSB35004X	F03FS07636
	HW Scorer	200	4,3-5,5	3,2	45	36	ATB	8°	15°		LI25M43PE3	F03FS02676
	HW Scorer	180	4,3-5,5	3,2	45	36	ATB	8°	15°		LI25M43NE3	F03FS02664
	DP Scorer	180	4,3-5,1	3,2	45	30	FLAT	6°	14°		DLI25M43NEH4	F03FS09621
	DP Scorer	180	4,3-5,1	3,2	45	30	FLAT	6°	14°		DLI25M43NEH6	F03FS09622
SAWTEQ B-200	Main blade	310	4,4	3,2	60	72	TCG	15°	15°	2/14/100	LSB31001X	F03FS09499
	HW Scorer	200	4,3-5,5	3,2	45	36	ATB	8°	15°		LI25M43PE3	F03FS02676
	Main blade	350	4,4	3,2	60	72	TCG	15°	15°	2/14/100	LSB35008X	F03FS07634
HPP350	HW Scorer	180	4,3-5,5	3,2	45	36	ATB	8°	15°		LI25M43NE3	F03FS02664
	DP Scorer	180	4,3-5,1	3,2	45	30	FLAT	6°	14°		DLI25M43NEH4	F03FS09621
	DP Scorer	180	4,3-5,1	3,2	45	30	FLAT	6°	14°		DLI25M43NEH6	F03FS09622

Machine Type	Tool Type	D	B-B1	b	d	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
HPP180	Main blade	380	4,4	3,2	60	72	TCG	15°	15°	2/14/100	LSB38002X	F03FS07631
	HW Scorer	180	4,3-5,5	3,2	45	36	ATB	8°	15°		LI25M43NE3	F03FS02664
	DP Scorer	180	4,3-5,1	3,2	45	30	FLAT	6°	14°		DLI25M43NEH4	F03FS09621
	DP Scorer	180	4,3-5,1	3,2	45	30	FLAT	6°	14°		DLI25M43NEH6	F03FS09622
HPP380, 82	Main blade	380	4,4	3,2	60	72	TCG	15°	15°	2/14/100	LSB38002X	F03FS07631
	Main blade	380	4,8	3,5	60	72	TCG	15°	15°	2/14/100	LSB38004X	F03FS07632
	Main blade	380	4,8	3,5	60	84	TCG	15°	15°	2/14/100	LSB38005X	F03FS07807
	HW Scorer	180	4,3-5,5	3,2	45	36	ATB	8°	15°		LI25M43NE3	F03FS02664
	HW Scorer	180	4,7-5,9	3,5	45	36	ATB	8°	15°		LI25M47NE3	F03FS02715
HPP430, 510, 11	DP Scorer	180	4,3-5,1	3,2	45	30	FLAT	6°	14°		DLI25M43NEH4	F03FS09621
	DP Scorer	180	4,3-5,1	3,2	45	30	FLAT	6°	14°		DLI25M43NEH6	F03FS09622
	DP Scorer	180	4,7-5,5	3,5	45	30	FLAT	6°	14°		DLI25M47NEH4	F03FS09623
	DP Scorer	180	4,7-5,5	3,5	45	30	FLAT	6°	14°		DLI25M47NEH6	F03FS09624
	Postf. scorer	340	5,00	3,5	45	108	ATB	15°	15°	3/14/65	LI27M EB3	F03FS02747
HPL410	Main blade	420	4,8	3,5	60	60	TCG	15°	15°	2/14/125	LSB42001X	F03FS10234
	Main blade	420	4,8	3,5	60	84	TCG	15°	15°	2/14/125	LSB42002X	F03FS09176
	HW Scorer	180	4,7-5,9	3,5	45	36	ATB	8°	15°		LI25M47NE3	F03FS02715
	DP Scorer	180	4,7-5,5	3,5	45	30	FLAT	6°	14°		DLI25M47NEH4	F03FS09623
	DP Scorer	180	4,7-5,5	3,5	45	30	FLAT	6°	14°		DLI25M47NEH6	F03FS09624
HPP430, 510, 11	Postf. scorer	340	5,00	3,5	45	108	ATB	15°	15°	3/14/65	LI27M EB3	F03FS02747
	Main blade	450	4,8	3,5	60	72	TCG	15°	15°	2/14/125+ 2/17/100	LSB45017X	F03FS07391
	HW Scorer	180	4,7-5,9	3,5	45	36	ATB	8°	15°		LI25M47NE3	F03FS02715
	DP Scorer	180	4,7-5,5	3,5	45	30	FLAT	6°	14°		DLI25M47NEH4	F03FS09623
	DP Scorer	180	4,7-5,5	3,5	45	30	FLAT	6°	14°		DLI25M47NEH6	F03FS09624

Machine Type	Tool Type	D mm	B-B1 mm	b mm	d mm	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
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Main blade	500	4,8	3,5	60	72	TCG	15°	15°		2/11/115	LSB50011X	F03FS09191
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HW Scorer	200	4,7-5,9	3,5	45	36	ATB	8°	15°			LT25M47PE3	F03FS02719
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DP Scorer	200	4,7-5,5	3,5	45	36	FLAT	6°	14°			DL25M47PEH4	F03FS09629
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DP Scorer	200	4,7-5,5	3,5	45	36	FLAT	6°	14°			DL25M47PEH6	F03FS09630
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Postif. scorer	340	5,00	3,5	45	108	ATB	15°	15°		3/14/65	LT27M EB3	F03FS02747
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Main blade	520	4,8	3,5	60	72	TCG	15°	15°		2/11/115+ 2/19/120	LSB52003X	F03FS09192
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HW Scorer	200	4,7-5,9	3,5	45	36	ATB	8°	15°			LT25M47PE3	F03FS02719
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DP Scorer	200	4,7-5,5	3,5	45	36	FLAT	6°	14°			DL25M47PEH4	F03FS09629
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DP Scorer	200	4,7-5,5	3,5	45	36	FLAT	6°	14°			DL25M47PEH6	F03FS09630
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Postif. scorer	340	5,00	3,5	45	108	ATB	15°	15°		3/14/65	LT27M EB3	F03FS02747
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Main blade	570	4,8	3,5	60	60	TCG	15°	15°		2/11/115+ 2/19/120	LSB57001X	F03FS09199
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HW Scorer	200	4,7-5,9	3,5	45	36	ATB	8°	15°			LT25M47PE3	F03FS02719
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DP Scorer	200	4,7-5,5	3,5	45	36	FLAT	6°	14°			DL25M47PEH4	F03FS09629
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DP Scorer	200	4,7-5,5	3,5	45	36	FLAT	6°	14°			DL25M47PEH6	F03FS09630
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Postif. scorer	340	5,00	3,5	45	108	ATB	15°	15°		3/14/65	LT27M EB3	F03FS02747
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Main blade	600	5,8	4	60	60	TCG	15°	15°		2/11/115+ 2/19/120	LSB60001X	F03FS09200
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Main blade	600	5,8	4	60	72	TCG	15°	15°		2/11/115+ 2/19/120	LSB60002X	F03FS09201
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HW Scorer	200	5,7-6,9	4,0	45	36	ATB	8°	15°			LT25M47PE3	F03FS02728
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HOMAG

Main blade	300	4,4	3	75	60	TCG	10°	15°			LSB30003	F03FS03916
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HW Scorer	125	4,3-5,5	3,2	45	24	ATB	0°	15°			LT25M43FE3	F03FS02645
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Main blade	300	4,4	3	75	60	TCG	10°	15°			LSB30003	F03FS03916
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HW Scorer	125	4,3-5,5	3,2	45	24	ATB	0°	15°			LT25M43FE3	F03FS02645
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Main blade	300	4,4	3	75	60	TCG	10°	15°			LSB30003	F03FS03916
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HW Scorer	150	4,3-5,6	3,2	45	36	ATB	8°	15°			LT25M43KE3	F03FS02651
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Main blade	300	4,4	3	75	60	TCG	10°	15°			LSB30003X	F03FS10218
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HW Scorer	125	4,3-5,5	3,2	45	24	ATB	0°	15°			LT25M43FE3	F03FS02645
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Machine Type	Tool Type	D mm	B-B1 mm	b mm	d mm	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
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Main blade	355	4,4	3,2	75	72	TCG	15°	15°		3/7/100	LSB35507X	F03FS07710
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HW Scorer	180	4,3-5,5	3,2	45	36	ATB	8°	15°			LT25M43NE3	F03FS02664
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DP Scorer	180	4,3-5,1	3,2	45	30	FLAT	6°	14°			DL25M43NEH4	F03FS09621
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DP Scorer	180	4,3-5,1	3,2	45	30	FLAT	6°	14°			DL25M43NEH6	F03FS09622
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Postif. scorer	300	4,50	3,0	75	72	ATB	10°	15°			LT27M DE3	F03FS02744
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Main blade	400	4,4	3,2	75	72	TCG	15°	15°		4/15/105+ 2/7/110+ 2/14/100	LSB40008X	F03FS07726
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HW Scorer	150	4,3-5,6	3,2	45	36	ATB	8°	15°			LT25M43KE3	F03FS02651
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NANXING

Main blade	380	4,4	3,2	60	72	TCG	15°	15°		2/14/100	LSB38002X	F03FS07631
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Main blade	350	4,4	3,2	60	72	TCG	15°	15°		2/14/100	LSB35004X	F03FS07636
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HW Scorer	200	4,3-5,5	3,2	45	36	ATB	8°	15°			LT25M43PE3	F03FS02676
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Main blade	450	4,8	3,5	60	72	TCG	15°	15°		2/14/125+ 2/17/100	LSB45017X	F03FS09272
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Main blade	400	4,4	3,2	60	84	TCG	15°	15°		2/14/100	LSB40021X	F03FS09255
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HW Scorer	180	4,3-5,5	3,2	30	36	ATB	8°	15°		2/10/60+ 2/7/42	LT25M43XN3	F03FS06373
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Main blade	450	4,8	3,5	60	72	TCG	15°	15°		2/14/125+ 2/17/100	LSB45017X	F03FS09272
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Main blade	400	4,4	3,2	60	84	TCG	15°	15°		2/14/100	LSB40021X	F03FS09255
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Main blade	350	4,4	3,2	60	72	TCG	15°	15°		2/14/100	LSB35004X	F03FS07636
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HW Scorer	180	4,3-5,5	3,2	30	36	ATB	8°	15°		2/10/60+ 2/7/42	LT25M43XN3	F03FS06373
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Main blade	450	4,8	3,5	60	72	TCG	15°	15°		2/14/125+ 2/17/100	LSB45017X	F03FS07391
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HW Scorer	180	4,7-5,9	3,5	45	36	ATB	8°	15°			LT25M47NE3	F03FS02715
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DP Scorer	180	4,7-5,5	3,5	45	30	FLAT	6°	14°			DL25M47NEH4	F03FS09623
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DP Scorer	180	4,7-5,5	3,5	45	30	FLAT	6°	14°			DL25M47NEH6	F03FS09624
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Main blade	450	4,8	3,5	60	72	TCG	15°	15°		2/14/125+ 2/17/100	LSB45017X	F03FS09272
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Main blade	400	4,4	3,2	60	84	TCG	15°	15°		2/14/100	LSB40021X	F03FS09255
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HW Scorer	180	4,7-5,9	3,5	45	36	ATB	8°	15°			LT25M47NE3	F03FS02664
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DP Scorer	180	4,7-5,5	3,5	45	30	FLAT	6°	14°			DL25M47NEH4	F03FS09623
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DP Scorer	180	4,7-5,5	3,5	45	30	FLAT	6°	14°			DL25M47NEH6	F03FS09624
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Machine Type	Tool Type	D	B-B1	b	d	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
		mm	mm	mm	mm							

NZH3318 NPD380	Main blade	450	4,8	3,5	60	72	TCG	15°	15°	2/14/25+ 2/17/100	LSB45017X	F03FS02391
	HW Scorer	180	4,7-5,9	3,5	45	36	ATB	8°	15°		L25M47ME3	F03FS02715
	DP Scorer	180	4,7-5,5	3,5	45	30	FLAT	6°	14°		DL25M47MEH4	F03FS09623
	DP Scorer	180	4,7-5,5	3,5	45	30	FLAT	6°	14°		DL25M47MEH6	F03FS09624

NIMAC

HERMES 70 CNC	Main blade	300	4,4	3,2	65	72	TCG	15°	15°	2/9/95+ 2/9/110	LSB30006X	F03FS09158
	Main blade	320	4,4	3,2	65	72	TCG	15°	15°	2/9/95+ 2/9/110	LSB32001X	F03FS07805

ATLAS 80	Main blade	320	4,4	3,2	65	72	TCG	15°	15°	2/9/95+ 2/9/110	LSB32001X	F03FS07805
	Main blade	355	4,4	3,2	65	72	TCG	15°	15°	2/9/95+ 2/9/110	LSB35508X	F03FS08740

ATLAS 100/100TL	Main blade	360	4,4	3,2	65	72	TCG	15°	15°	2/9/95+ 2/9/110	LSB36002X	F03FS07673
	blade											

PANHANS

EURO 10 SF	Main blade	300	4,4	3	30	60	TCG	15°	15°	2/10/60	LSB30001X	F03FS07802
	HW Scorer	250	4,3-5,5	3,2	30	48	CON	8°	15°	2/10/60	L25M430C3	F03FS02668

EURO 5 (SF, COMPACT, ECOPAN)	Post. scorer	250	4,60	3,0	30	48	ATB	15°	15°		LU27M BA3	F03FS02734
	Main blade	300	4,4	3	30	60	TCG	15°	15°	2/10/60	LSB30001X	F03FS07802

EURO 10, 693/SH 70	HW Scorer	125	4,3-5,5	3,0	20	24	CON	0°	15°		L25M43PA3	F03FS02643
	Main blade	300	4,4	3	30	60	TCG	15°	15°	2/10/60	LSB30001X	F03FS07802

EURO10, 693/SH 70	HW Scorer	125	4,3-5,5	3,2	20	24	CON	0°	15°		L25M43PA3	F03FS02643
	HW Scorer	180	4,3-5,5	3,2	30	28	CON	8°	15°		L25M43NC3	F03FS02663

S 45	Main blade	300	4,4	3	30	60	TCG	15°	15°	2/10/60	LSB30001X	F03FS07802
	Main blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630

EURO 12, 30	HW Scorer	180	4,3-5,5	3,2	30	28	CON	8°	15°		L25M43NC3	F03FS02663
	Main blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630

EURO 12 SF	HW Scorer	180	4,3-5,5	3,2	30	28	CON	8°	15°		L25M43NC3	F03FS02663
	Main blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630

POLYPAN 47	HW Scorer	280	4,3-5,5	3,2	30	48	CON	6°	15°	2/10/60	L25M43VC3	F03FS07419
	Main blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630

EURO 12 SF	HW Scorer	180	4,3-5,5	3,2	30	28	CON	8°	15°		L25M43NC3	F03FS02663
	Post. scorer	300	4,60	3,0	30	72	ATB	15°	15°		LU27M DF3	F03FS02745

Machine Type	Tool Type	D	B-B1	b	d	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
		mm	mm	mm	mm							

EUROSTAR 2 XL, POLYSTAR	Main blade	370	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSG37001	F03FS06312
	HW Scorer	180	4,3-5,5	3,2	30	28	CON	8°	15°		L25M43NC3	F03FS02663
	HW Scorer	280	4,3-5,5	3,2	30	48	CON	6°	15°	2/10/60	L25M43VC3	F03FS07419

EURO 32	Main blade	370	4,4	3,2	30	72	TCG	10°	15°	2/10/60	LSB37001X	F03FS10228
	HW Scorer	180	4,3-5,5	3,2	30	28	CON	8°	15°		L25M43NC3	F03FS02663

693/SH 110	Main blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60+ 2/13/94	LSB40007X	F03FS07725
	HW Scorer	180	4,3-5,5	3,2	30	28	CON	8°	15°		L25M43NC3	F03FS02663

EUROSTAR 2 XXL	Main blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60+ 2/13/94	LSB40007X	F03FS07725
	HW Scorer	180	4,3-5,5	3,2	30	28	CON	8°	15°		L25M43NC3	F03FS02663

SCHEER KOCH	HW Scorer	280	4,3-5,5	3,2	30	48	CON	6°	15°	2/10/60	L25M43VC3	F03FS07419
	Main blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630

PA 6000, 5500	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/11/66+ 2/10/60+ 2/9/62	L25M43PA3	F03FS02670
	HW Scorer	200	4,3-5,5	3,2	30	36	ATB	8°	15°		L25M43PC3	F03FS02674

SCHELLING

FH3	Main blade	300	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB30006X	F03FS07803
	Main blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630

FH4 (till 06/2015)	HW Scorer	180	4,3-5,5	3,2	30	36	ATB	8°	15°	2/10/60+ 2/7/42	L25M43XN3	F03FS06373
	Main blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630

FH4 (till 06/2015)	HW Scorer	300	4,3-5,5	3,2	30	48	ATB	12°	15°	2/11/75+ 2/13/94	L25M43RC3	F03FS07577
	Main blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630

S45	Main blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60+ 2/13/94	LSB40007X	F03FS07725
	HW Scorer	180	4,3-5,5	3,2	30	36	ATB	8°	15°	2/10/60+ 2/7/42	L25M43XN3	F03FS06373

SCHELLING FH4 (from 07/2015 till 07/2017)	HW Scorer	300	4,3-5,5	3,2	30	48	ATB	12°	15°	2/11/75+ 2/13/94	L25M43RC3	F03FS07577
	Main blade	360	4,4	3,2	30	72	TCG	15°	15°	2/13/94	LSB36003X	F03FS09341

FH4 (from 07/2017)	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/11/66+ 2/10/60+ 2/9/62	L25M43PA3	F03FS02670
	Main blade	360	4,4	3,2	30	72	TCG	15°	15°	2/13/94	LSB36003X	F03FS09341

FH5 (from 07/2015)	HW Scorer	300	4,3-5,5	3,2	30	48	ATB	12°	15°	2/11/75+ 2/13/94	L25M43RC3	F03FS07577
	Main blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60+ 2/13/94	LSB40007X	F03FS07725

FH5 (from 07/2015)	HW Scorer	300	4,3-5,5	3,2	30	48	ATB	12°	15°	2/11/75+ 2/13/94	L25M43RC3	F03FS07577
	Main blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60+ 2/13/94	LSB40007X	F03FS07725

Machine Type	Tool Type	D mm	B-B1 mm	b mm	d mm	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
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FH5 (from 07/2015)	Main blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60+ 2/13/94	LSB40007X	F03FS07725
	HW Scorer	300	4,3-5,5	3,2	30	48	ATB	12°	15°	2/11/75+ 2/13/94	LP25M43RC3	F03FS07577
	Main blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60+ 2/13/94	LSB40007X	F03FS07725

FH5	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/11/66+ 2/10/60+ 2/9/62	LP25M43PA3	F03FS02670
	Main blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60+ 2/13/94	LSB40007X	F03FS07725
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/11/66+ 2/10/60+ 2/9/62	LP25M43PA3	F03FS02670

FK4 (from 07/2015)	Main blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60+ 2/13/94	LSB40007X	F03FS07725
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/10/60+ 2/13/94	LP25M43PA3	F03FS02670
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/10/60+ 2/13/94	LP25M43PA3	F03FS02670

FK4 (from 07/2017)	Main blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60+ 2/13/94	LSB40007X	F03FS07725
	HW Scorer	300	4,3-5,5	3,2	30	48	ATB	12°	15°	2/11/75+ 2/13/94	LP25M43RC3	F03FS07577
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/11/75+ 2/13/94	LP25M43RC3	F03FS07577

FH6, AH6, CH6 (till 06/2015)	Main blade	460	4,4	3,2	30	72	TCG	15°	15°	2/13/94	LSB46001X	F03FS08922
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/11/66+ 2/10/60+ 2/9/62	LP25M43PA3	F03FS02670
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/11/66+ 2/10/60+ 2/9/62	LP25M43PA3	F03FS02670

FK6, FP6, FM6	Main blade	460	4,4	3,2	30	72	TCG	15°	15°	2/13/94	LSB46001X	F03FS08922
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/11/66+ 2/10/60+ 2/9/62	LP25M43PA3	F03FS02670
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/11/66+ 2/10/60+ 2/9/62	LP25M43PA3	F03FS02670

FH6, AH6, CH6 (starting from 07/2015)	Main blade	480	4,8	3,5	30	72	TCG	15°	15°	2/10/60+ 2/13/94	LSB48004X	F03FS09187
	HW Scorer	220	4,7-5,9	3,5	20	36	ATB	8°	15°	2/9/62	LP25M47UA3	F03FS09266
	HW Scorer	200	4,7-5,9	3,5	20	36	ATB	8°	15°	2/11/66	LP25M47PA3	F03FS02716

FL	Main blade	480	4,4	3,2	30	72	TCG	15°	15°	2/10/60+ 2/13/94	LSB48007X	F03FS09914
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/11/66+ 2/10/60+ 2/9/62	LP25M43PA3	F03FS02670
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/11/66+ 2/10/60+ 2/9/62	LP25M43PA3	F03FS02670

FH8, AH8, CH8	Main blade	520	4,8	3,5	30	72	TCG	15°	15°	2/13/94	LSB52007X	F03FS09319
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/13/94	LSB52008X	F03FS09319
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/13/94	LSB52008X	F03FS09319

FH8, AH8, CH8	Main blade	520	4,4	3,2	30	72	TCG	15°	15°	2/13/94	LSB52008X	F03FS09319
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/13/94	LSB52008X	F03FS09319
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/13/94	LSB52008X	F03FS09319

FH8, AH8, CH8	Main blade	520	4,4	3,2	30	72	TCG	15°	15°	2/13/94	LSB52008X	F03FS09319
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/13/94	LSB52008X	F03FS09319
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/13/94	LSB52008X	F03FS09319

FK8, FM8	Main blade	520	4,4	3,2	30	72	TCG	15°	15°	2/13/94	LSB52008X	F03FS09319
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/13/94	LSB52008X	F03FS09319
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/13/94	LSB52008X	F03FS09319

FK10, FM10	Main blade	680	6,2	4,2	40	60	TCG	18°	13°	2/13/140+ 2/13/114	LSB68001X	F03FS09203
	HW Scorer	200	6,1-7,3	4,2	20	36	ATB	8°	15°	2/11/66	LP25M61PA3	F03FS02730
	HW Scorer	200	6,1-7,3	4,2	20	36	ATB	8°	15°	2/11/66	LP25M61PA3	F03FS02730

ASH (FSM)	Main blade	720	6,4	4,4	40	60	TCG	18°	13°	2/14/114+ 2/14/140	LSB72001X	F03FS09204
	HW Scorer	220	6,3-7,5	3,2	20	36	ATB	8°	15°	2/11/66	LP25M63UA3	F03FS02732
	HW Scorer	220	6,3-7,5	3,2	20	36	ATB	8°	15°	2/11/66	LP25M63UA3	F03FS02732

Machine Type	Tool Type	D mm	B-B1 mm	b mm	d mm	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
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SCM

PRIMA 50	Main blade	300	4,4	3	80	60	TCG	15°	15°	4/9/100+ 2/14/110	LSB30004X	F03FS09157
	Main blade	300	4,4	3,0	80	72	TCG	15°	15°	4/9/100+ 2/14/110	LSB30008X	F03FS07804
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657

PRIMA 67	Main blade	320	4,4	3,2	80	60	TCG	10°	15°	4/9/100+ 2/9/110+ 2/14/110	LSB32006X	F03FS10101
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657

PRIMA 67	Main blade	320	4,4	3,2	80	60	TCG	10°	15°	4/9/100+ 2/9/110+ 2/14/110	LSB32006X	F03FS10101
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657

IMPACT 85 K	Main blade	350	4,4	3,2	80	72	TCG	15°	15°	4/9/100+ 2/9/110+ 2/14/110	LSB35006X	F03FS07835
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657

IMPACT 105 C/D, PLUS 105 C/D/P	Main blade	380	4,4	3,2	80	72	TCG	15°	15°	4/9/100+ 2/9/110+ 2/14/110	LSB38010X	F03FS07808
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657

IMPACT 90	Main blade	380	4,4	3,2	80	48	TCG	15°	15°	4/9/100+ 2/9/110+ 2/14/110	LSB38009X	F03FS09164
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657

IMPACT 90	Main blade	380	4,4	3,2	80	48	TCG	15°	15°	4/9/100+ 2/9/110+ 2/14/110	LSB38009X	F03FS09164
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657

IMPACT 110	Main blade	400	4,4	3,2	80	72	TCG	15°	15°	4/9/100+2/9/110+ 2/14/125	LSB40012X	F03FS09173
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657

IMPACT 110	Main blade	400	4,4	3,2	80	72	TCG	15°	15°	4/9/100+2/9/110+ 2/14/125	LSB40012X	F03FS09173
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657

IMPACT 110	Main blade	400	4,4	3,2	80	72	TCG	15°	15°	4/9/100+2/9/110+ 2/14/125	LSB40012X	F03FS09173
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657

IMPACT 110	Main blade	400	4,4	3,2	80	72	TCG	15°	15°	4/9/100+2/9/110+ 2/14/125	LSB40012X	F03FS09173
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657

IMPACT 110	Main blade	400	4,4	3,2	80	72	TCG	15°	15°	4/9/100+2/9/110+ 2/14/125	LSB40012X	F03FS09173
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657

IMPACT 110	Main blade	400	4,4	3,2	80	72	TCG	15°	15°	4/9/100+2/9/110+ 2/14/125	LSB40012X	F03FS09173
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84+ 3/7/66	LP25M43LG3	F03FS02657
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB					

FIND THE PERFECT PANEL SIZING BLADE
BY DIAMETER



LSB X
full range



D	B	b	d	Z	α	β	Pin Holes	Machine	Freud Code	Art. No.
mm mm mm mm										
250	4,2	3	30	60	15°	15°		SCM - Technomatic, Very		LSB25003X F03FS10212
250	4,2	3	50	60	15°	15°		Usikraft		LSB25005X F03FS10214
250	4,2	3	55	60	15°	15°		Baldan, SCM - Technomatic		LSB25002X F03FS10211
250	4,4	3	30	80	15°	15°	2/9/46,4 + 2/10/60			LSB25004X F03FS10213
270	4,2	3	55	60	15°	15°		SCM - Technomatic		LSB27001X F03FS10215
280	4,4	3,2	55	60	15°	15°	2/10/70	Baldan		LSB28001X F03FS10216
290	4,2	3	55	60	15°	15°		SCM - Technomatic		LSB29001X F03FS10217
300	4,4	3	30	60	15°	15°	2/10/60	Panhans		LSB30001X F03FS07802
300	4,4	3	65	60	15°	15°	2/9/110	Selco		LSB30002X F03FS09159
300	4,4	3	75	60	15°	15°		Homag		LSB30003X F03FS10218
300	4,4	3	80	60	15°	15°	4/9/100 + 2/14/110	SCM		LSB30004X F03FS09157

D	B	b	d	Z	α	β	Pin Holes	Machine	Freud Code	Art. No.
mm mm mm mm										
300	4,4	3	30	72	15°	15°	2/10/60	Panhans, Very		LSB30005X F03FS07803
300	4,4	3,2	60	72	15°	15°	2/14/100	Holzma		LSB30012X F03FS09207
300	4,4	3	65	72	15°	15°	2/9/110	Selco		LSB30006X F03FS09158
300	4,4	3	75	72	15°	15°		Holzma		LSB30007X F03FS10219
300	4,4	3	80	72	15°	15°	4/9/100 + 2/14/110	SCM		LSB30008X F03FS07804
300	4,4	3	75	96	15°	15°				LSB30010X F03FS10220
305	4,4	3	30	60	15°	15°	2/10/60	Mayer, Panhans, SCM		LSB30501X F03FS10221
310	4,4	3,2	60	72	15°	15°	2/14/100	Holzma		LSB31001X F03FS09949
320	4,4	3,2	30	60	15°	15°				LSB32005X F03FS09160
320	4,4	3,2	50	60	15°	15°	3/15/80 + 3/13/95	Giben		LSB32004X F03FS10222
320	4,4	3,2	65	60	15°	15°	2/9/110	Selco		LSB32003X F03FS09161
320	4,4	3,2	80	60	10°	15°	4/9/100 + 2/9/110 + 2/14/110			LSB32006X F03FS10101
320	4,4	3,2	60	72	15°	15°	2/14/100			LSB32008X F03FS10268
320	4,4	3,2	65	72	15°	15°	2/9/110	Selco		LSB32001X F03FS07805
320	4,4	3,2	75	72	15°	15°	3/13/95 + 3/7/100	Giben		LSB32002X F03FS09162
320	4,4	3,2	80	72	15°	15°	4/9/100 + 2/9/110 + 2/14/110			LSB32007X F03FS10267
350	4,2	3,2	80	96	15°	15°				LSB35011X F03FS10225
350	4,4	3,2	30	54	15°	15°	2/10/60	Panhans, Scheer		LSB35001X F03FS10223
350	4,4	3,2	60	54	15°	15°	2/14/100	Holzma		LSB35002X F03FS10224
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	65	72	15°	15°	2/9/110	Selco		LSB35013X F03FS09659
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
355	4,4	3,2	75	54	15°	15°		Giben		LSB35502X F03FS10226
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

D	B	b	d	Z	α	β	Pin Holes	Machine	Freud Code	Art. No.
mm mm mm mm mm										

355	4,4	3,2	75	72	15°	15°	3/7/100	Gabbiani		LSB35507X	F03FS07710
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	65	60	15°	15°	2/9/110	Selco		LSB36001X	F03FS10227
360	4,4	3,2	30	72	15°	15°	2/13/94	Schelling		LSB36003X	F03FS09341
360	4,4	3,2	65	72	15°	15°	2/9/110	Selco		LSB36002X	F03FS07673
370	4,4	3,2	30	72	15°	15°	2/10/60	Schelling		LSB37001X	F03FS10228
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	50	60	15°	15°	4/13/80	Giben		LSB38007X	F03FS10230
380	4,4	3,2	60	60	15°	15°	2/14/100	Holzma		LSB38001X	F03FS07806
380	4,4	3,2	30	72	15°	15°	2/08/83			LSB38011X	F03FS10231
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
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, Wompoong		LSB38012X	F03FS07672
380	4,4	3,2	80	72	15°	15°	4/9/100 + 2/9/110 + 2/14/110	Gabbiani		LSB38010X	F03FS07808
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	60	15°	15°	2/14/100	Holzma		LSB38003X	F03FS10229
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
390	4,4	3,2	80	72	15°	15°	2/14/110	Sigma		LSB39001X	F03FS09167
400	4,4	3,2	30	48	15°	15°				LSB40001X	F03FS09168
400	4,4	3,2	80	48	15°	15°	2/9/110 + 4/9/100 + 2/14/110	Gabbiani		LSB40010X	F03FS10233
400	4,4	3,2	30	60	15°	15°	2/10/60			LSB40004X	F03FS09169
400	4,4	3,2	75	60	15°	15°	4/15/105	Giben		LSB40005X	F03FS09170
400	4,4	3,2	80	60	15°	15°	2/9/130 + 4/19/120	Selco		LSB40006X	F03FS10232
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
400	4,4	3,2	50,8	72	15°	15°	2/16/127 + 4/13/80			LSB40018X	F03FS08957
400	4,4	3,2	60	72	15°	15°	2/11/85 + 2/14/100	Anthon		LSB40017X	F03FS09272

D	B	b	d	Z	α	β	Pin Holes	Machine	Freud Code	Art. No.
mm mm mm mm mm										

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 + 2/14/100	Geben, Haisung Woodworking Machinery, Hansol Machine, HWDAG, Hyundai Sangji, KDI		LSB40008X	F03FS07726
400	4,4	3,2	80	72	15°	15°	2/15/105 + 9/9/130 + 4/19/120	Selco, MAS		LSB40009X	F03FS07810
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	60	84	15°	15°	2/14/100	Nanxing		LSB40021X	F03FS09255
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
420	4,4	3,2	80	60	15°	15°	4/9/100 + 2/9/110 + 2/14/110	Gabbiani		LSB42004X	F03FS10235
420	4,4	3,2	50	72	15°	15°	2/9/130 + 4/19/120	Selco		LSB42006X	F03FS09174
420	4,4	3,2	80	72	15°	15°	4/9/100 + 2/9/110 + 2/14/110	Gabbiani		LSB42005X	F03FS09175
420	4,8	3,5	60	60	15°	15°	2/14/125	Holzma		LSB42001X	F03FS10234
420	4,8	3,5	60	84	15°	15°	2/14/100 + 2/14/125	Holzma		LSB42002X	F03FS09176
430	4,4	3,2	30	48	15°	15°				LSB43001X	F03FS10236
430	4,4	3,2	75	48	15°	15°	4/15/105	Giben		LSB43002X	F03FS10237
430	4,4	3,2	30	60	15°	15°	2/10/60			LSB43004X	F03FS10238
430	4,4	3,2	75	60	15°	15°	4/15/105	Giben		LSB43005X	F03FS10239
430	4,4	3,2	80	60	15°	15°	2/9/130 + 2/14/110 + 4/19/120	Selco - Gabbiani		LSB43006X	F03FS10240
430	4,4	3,2	30	72	15°	15°				LSB43007X	F03FS09177
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
430	4,4	3,2	75	96	15°	15°	4/15/105 + 2/7/110	Giben Prismatic		LSB43010X	F03FS09179
430	4,8	3,5	70	72	15°	15°	4/11/130	Selco		LSB43013X	F03FS09180
450	4,4	3,2	30	48	15°	15°	2/09/60	Mayer, Panhans, SCM		LSB45001X	F03FS10241
450	4,4	3,2	60	48	15°	15°	2/14/125	Holzma		LSB45002X	F03FS10242
450	4,4	3,2	30	60	15°	15°	2/10/60	Mayer, Panhans, SCM		LSB45004X	F03FS10243
450	4,4	3,2	60	60	15°	15°	2/14/125	Holzma		LSB45005X	F03FS10244
450	4,4	3,2	80	60	10°	15°	2/9/130 + 4/19/120 + 2/14/110	Selco - Gabbiani		LSB45006X	F03FS10245
450	4,4	3,2	30	72	15°	15°	2/10/60 + 2/14/95	Mayer, Panhans, SCM		LSB45007X	F03FS09181
450	4,4	3,2	60	72	15°	15°	2/14/125	Holzma		LSB45008X	F03FS09182

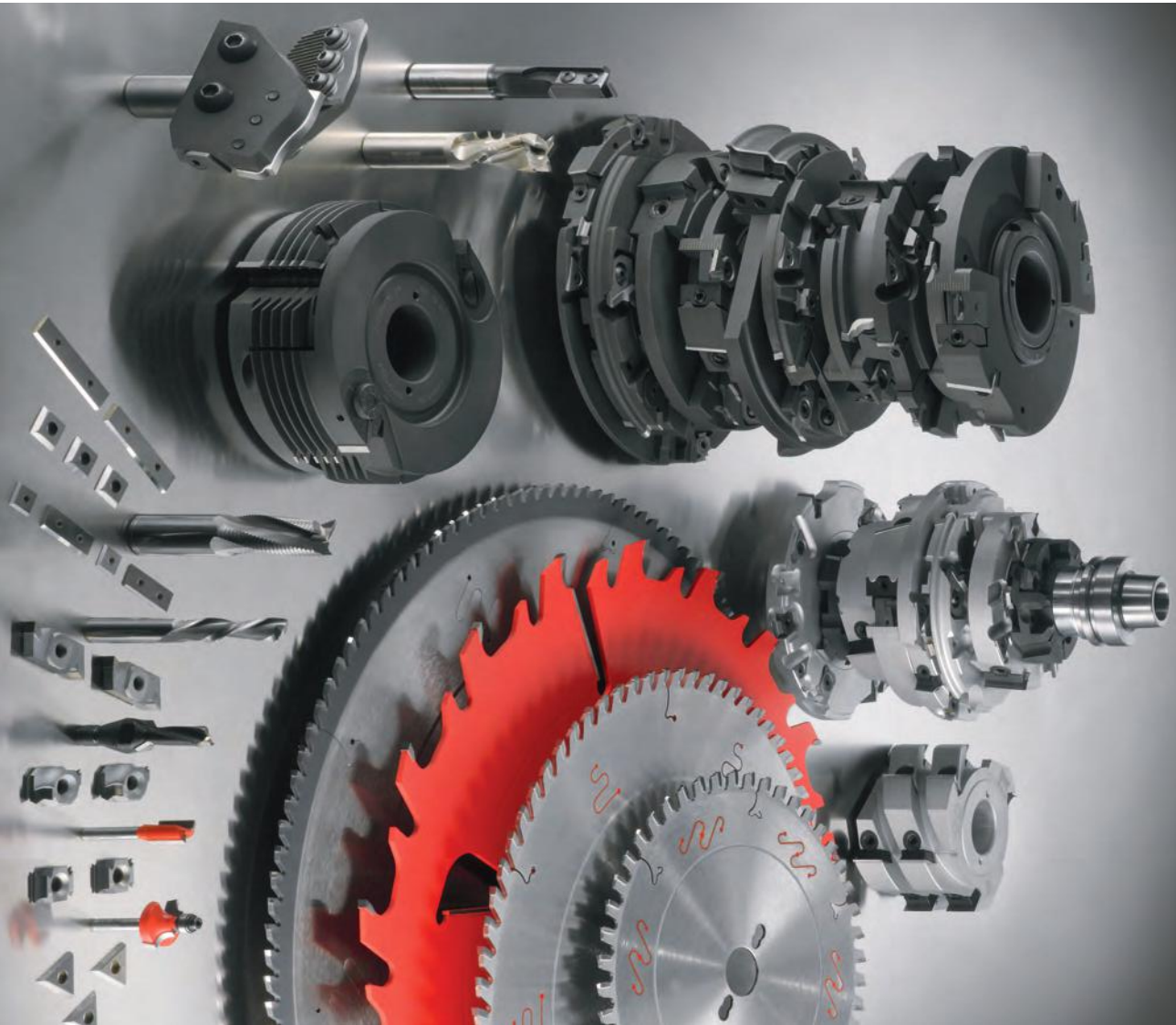
D	B	b	d	Z	α	β	Pin Holes	Machine	Freud Code	Art. No.
mm mm mm mm										

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	30	72	10°	15°	2/09/60	Scheer		LSB45016X F03FS10246
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
450	4,8	3,5	60	84	10°	15°	2/14/125	Holzma		LSB45019X F03FS10247
460	4,4	3,2	30	72	15°	15°	2/13/94	Schelling		LSB46001X F03FS08922
460	4,4	3,2	75	72	15°	15°	2/7/110	Giben		LSB46002X F03FS07914
460	4,4	3,2	80	72	15°	15°	2/14/110 + 4/9/100	Gabbiani		LSB46003X F03FS09950
470	4,4	3,2	75	48	15°	15°	4/15/105	Giben		LSB47001X F03FS10248
470	4,4	3,2	75	60	15°	15°	4/15/105	Giben		LSB47002X F03FS10249
470	4,4	3,2	75	72	15°	15°	4/15/105	Giben, Hyundai Sangi		LSB47003X F03FS09183
470	4,4	3,2	75	96	15°	15°	4/15/105	Giben		LSB47004X F03FS09184
470	4,8	3,5	70	72	15°	15°	4/11/130	Selco		LSB47005X F03FS09185
480	4,4	3,2	30	72	15°	15°	2/10/60 + 2/13/94	Schelling		LSB48007X F03FS09914
480	4,8	3,5	80	60	15°	15°	2/9/130 + 4/19/120	Selco		LSB48003X F03FS09186
480	4,8	3,5	30	72	15°	15°	2/10/60 + 2/13/94	Schelling		LSB48004X F03FS09187
480	4,8	3,5	60	72	15°	15°	2/19/120			LSB48006X F03FS10269
480	4,8	3,5	80	72	15°	15°	2/9/130 + 4/19/120	Selco		LSB48001X F03FS09188
500	4,4	3,2	30	60	15°	15°		Schelling		LSB50003X F03FS10250
500	4,4	3,2	30	72	15°	15°		Schelling		LSB50005X F03FS10251
500	4,8	3,5	60	60	15°	15°	2/11/115	Holzma		LSB50009X F03FS09189
500	4,8	3,5	75	60	15°	15°	4/15/105	Giben		LSB50010X F03FS09190
500	4,8	3,5	60	72	15°	15°	2/11/115	Holzma		LSB50011X F03FS09191
510	4,8	3,5	80	72	15°	15°	2/9/130 + 4/19/120	Selco		LSB51001X F03FS09954
520	4,4	3,2	30	54	15°	15°	2/13/94	Schelling		LSB52005X F03FS10253
520	4,4	3,2	30	72	15°	15°	2/13/94	Schelling		LSB52008X F03FS09602
520	4,8	3,5	60	60	15°	15°	2/11/115 + 2/19/120	Holzma		LSB52002X F03FS10252
520	4,8	3,5	70	60	15°	15°	4/11/130			LSB52009X F03FS09958
520	4,8	3,5	30	72	15°	15°	2/13/94	Schelling		LSB52007X F03FS09319
520	4,8	3,5	60	72	15°	15°	2/11/115 + 2/19/120	Holzma		LSB52003X F03FS09192

D	B	b	d	Z	α	β	Pin Holes	Machine	Freud Code	Art. No.
mm mm mm mm										

520	4,8	3,5	70	72	15°	15°	4/11/130	Selco		LSB52006X F03FS09193
530	4,8	3,5	75	72	15°	15°	2/7/110	Giben		LSB53004X F03FS09651
530	5,2	3,5	30	60	15°	15°		Schelling		LSB53001X F03FS09194
530	5,2	3,5	100	60	15°	15°	2/7/140			LSB53003X F03FS09195
530	5,8	4	60	60	15°	15°	1/1/85	Arthon		LSB53002X F03FS10254
540	4,8	3,5	60	60	15°	15°	2/11/115 + 2/19/120	Holzma Typ 33		LSB54002X F03FS10255
540	4,8	3,5	60	72	15°	15°	2/11/115 + 2/19/120	Holzma Typ 33		LSB54003X F03FS10256
550	5	3,5	40	72	15°	15°	2/13/122	Schelling		LSB55007X F03FS09216
550	5,2	3,5	80	48	15°	15°	2/14/110	Gabbiani		LSB55005X F03FS10257
550	5,2	3,5	40	60	15°	15°	2/13/122			LSB55009X F03FS09915
550	5,2	3,5	60	60	15°	15°				LSB55002X F03FS09196
550	5,2	3,5	75	60	15°	15°	4/10,5/140			LSB55010X F03FS10030
550	5,2	3,5	80	60	15°	15°	2/14/110	Gabbiani		LSB55006X F03FS09197
550	5,2	3,5	90	60	15°	15°	4/10,5/140	Giben		LSB55008X F03FS09970
565	5	3,5	100	72	15°	15°		Giben		LSB56504X F03FS09215
565	5,2	3,5	100	60	15°	15°		Giben		LSB56502X F03FS09198
570	4,8	3,5	60	60	15°	15°	2/11/115 + 2/19/120	Holzma		LSB57001X F03FS09199
600	5,8	4	60	60	15°	15°	2/11/115 + 2/19/120	Holzma Typ 33		LSB60001X F03FS09200
600	5,8	4	70	60	15°	15°	4/11/130			LSB60004X F03FS10258
600	5,8	4	75	60	15°	15°	4/6,5/130 + 4/11/130	Selco		LSB60006X F03FS10259
600	5,8	4	60	72	15°	15°	2/11/115 + 2/19/120	Holzma Typ 33		LSB60002X F03FS09201
670	6,2	4,2	40	60	18°	13°	2/17/140 + 2/13/140	Schelling		LSB67003X F03FS09202
670	6,2	4,2	40	72	15°	15°	2/17/140 + 2/13/140	Schelling		LSB67004X F03FS10260
680	6,2	4,2	40	60	18°	13°	2/13/140 + 2/17/140 + 2/13/114	Schelling		LSB68001X F03FS09203
720	6,4	4,4	40	60	18°	13°	2/14/114 + 2/14/140	Schelling		LSB72001X F03FS09204

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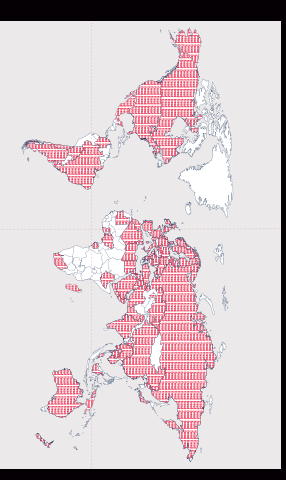


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