

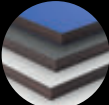
freud

**Precisely
the best**



LSBX NeXt Generation
Premium saw blades for panel sizing

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

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

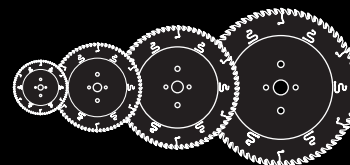
Key of performance
● ● ● Ultimate ● ● High ● Good

FOR AUTOMATIC PANEL SIZING MACHINES



AVAILABLE IN A WIDE RANGE OF DIAMETERS

from 250 mm



to 720 mm

LSB X PRODUCT FEATURES

WHY FREUD LSB X IS PRECISELY THE BEST FOR PANEL SIZING



EXtraordinary performance
Long lasting TiCo Carbide
in-house manufactured.



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



Low noise
Exclusive anti-vibration
slots.

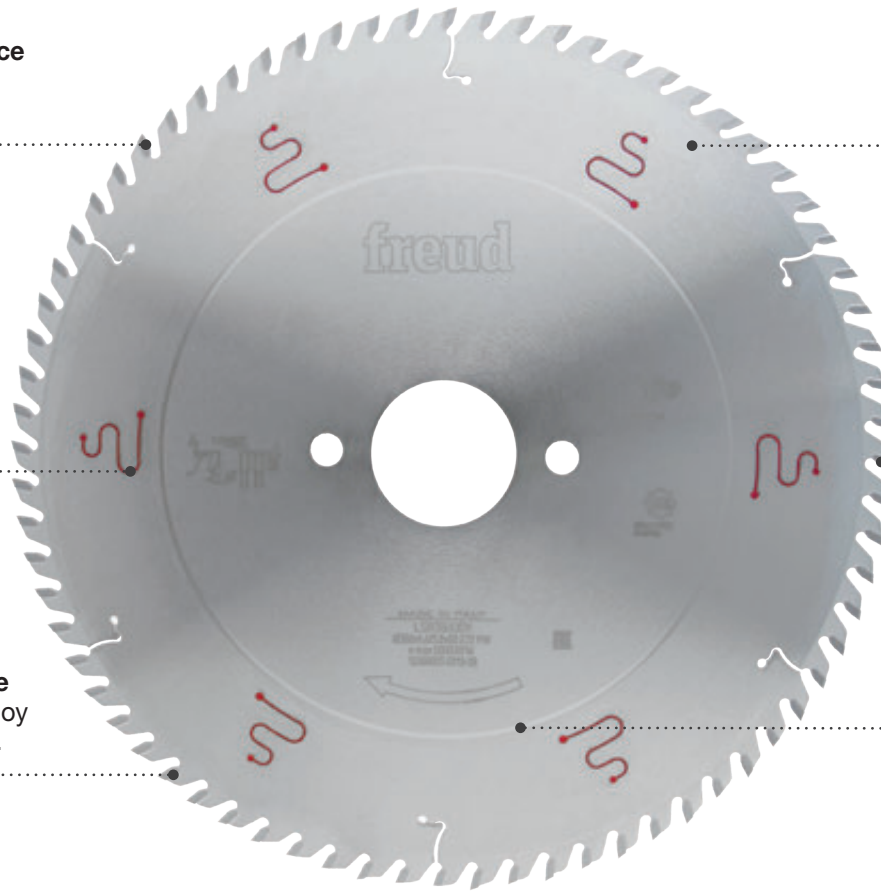


**EXtended lifetime
up to 25 resharpenings**
Supersquare tooth design.



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

**EXceptional
cutting finishing**
Increased body stability.



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.



Anti-vibration slots

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



**Suitable for more than
130 panel sizing machines of most popular brands**



EXPLANATION OF SYMBOLS AND ABBREVIATIONS

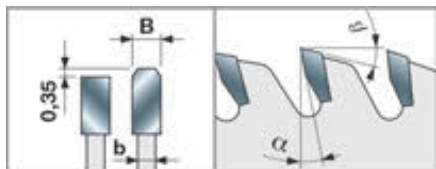
Guide to product tables

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

Optimised tooth geometry



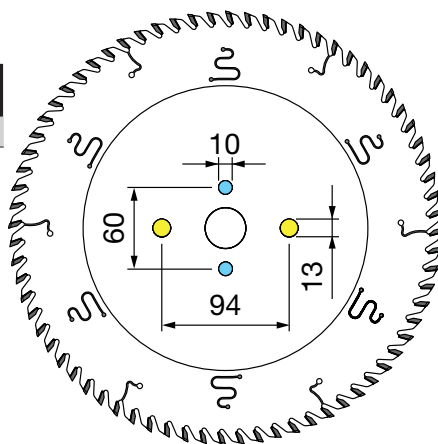
The LSB X range represents the ideal choice for industrial panel sizing. Saw blades suitable for chipboard and MDF bilaminated panels. Good finishing also in HPL and acrylic panels cutting.

Guide to Pin Holes

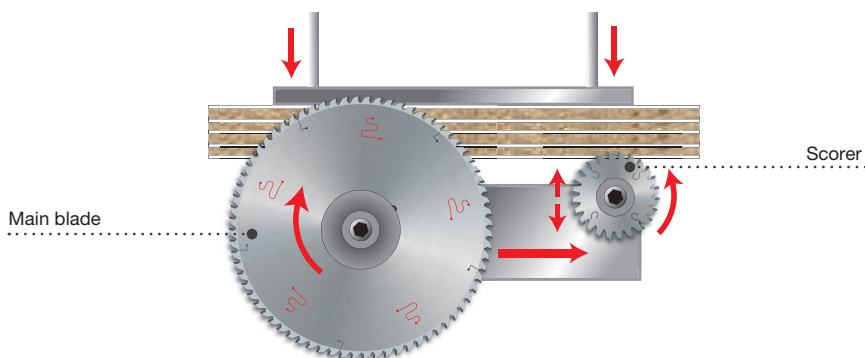
Example

Pin Holes	Freud Code	Art. No.
● 2/10/60 + ● 2/13/94	example	example

Centre to centre distance
Pin holes diameter
Number of pin holes



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.
AES												
ALPHA PS-03	Main blade	320	4,4	3,2	30	72	TCG	15°	15°	2/10/60 + 2/13/94	LSB32009X	F03FS10296
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/10/60 + 2/9/62 + 2/11/66	LI25M43PA3	F03FS02670
ALPHA PS-05	Main blade	430	4,4	3,2	30	72	TCG	15°	15°	2/13/94	LSB43007X	F03FS09177
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/11/66 + 2/10/60 + 2/9/62	LI25M43PA3	F03FS02670
ALPHA PS-06	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	LI25M43PA3	F03FS02670
ANTHON												
LN (90)	Main blade	400	4,4	3,2	60	72	TCG	15°	15°	2/14/100 + 2/11/85	LSB40017X	F03FS09272
	HW Scorer	180	4,3-5,5	3,2	20	28	ATB	8°	15°	-	LI25M43NA3	F03FS02661
	HW Scorer	180	4,3-5,5	3,2	20	36	ATB	8°	15°	-	LI25M43XA3	F03FS06372
PORTA 100	Main blade	400	4,4	3,2	60	72	TCG	15°	15°	2/14/100 + 2/11/85	LSB40017X	F03FS09272
	HW Scorer	180	4,3-5,5	3,2	20	36	ATB	8°	15°	-	LI25M43XA3	F03FS06372
LNA (100), LN (120)	Main blade	450	4,4	3,2	60	72	TCG	15°	15°	2/14/125	LSB45008X	F03FS09182
	HW Scorer	180	4,3-5,5	3,2	20	36	ATB	8°	15°	-	LI25M43XA3	F03FS06372
PORTA 150	Main blade	500	4,8	3,5	60	60	TCG	15°	15°	2/11/115	LSB50009X	F03FS09189
	HW Scorer	180	4,3-5,5	3,2	20	36	ATB	8°	15°	-	LI25M43XA3	F03FS06372

Machine Type	Tool Type	D mm	B-B1 mm	b mm	d mm	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
AYZA MIZRAK												
LANZA P3	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	LI25M43PI3	F03FS02681
	Main blade	360	4,4	3,2	65	60	TCG	15°	15°	2/9/110	LSB36001X	F03FS10227
	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	LI25M43PI3	F03FS02681
LANZA P4	Main blade	380	4,4	3,2	65	72	TCG	15°	15°	2/9/110	LSB38014X	F03FS09166
	HW Scorer	200	4,3-5,5	3,2	65	36	ATB	8°	15°	2/9/100 + 2/9/110	LI25M43PI3	F03FS02681
LANZA P5	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	LI25M43PI3	F03FS02681
LANZA P5 CARRERA	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	LI25M43PI3	F03FS02681
BIESSE-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	LI25M43PI3	F03FS02681
	HW Scorer	300	4,3-5,5	3	65	48	ATB	12°	15°	2/9/100 + 2/9/110	LI25M43RX3	F03FS07616
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH6	F03FS09626
	Postf. scorer	300	4,55	3,2	65	72	ATB	15°	15°	2/9/100 + 2/9/110	LI27M DA3	F03FS02737
EB 70 (KIT 80), 75 (SEKTOR 430), 80 (SEKTOR 450), SK350, SK450	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	LI25M43PI3	F03FS02681
	HW Scorer	300	4,3-5,5	3	65	48	ATB	12°	15°	2/9/100 + 2/9/110	LI25M43RX3	F03FS07616
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH6	F03FS09626
	Postf. scorer	300	4,55	3,2	65	72	ATB	15°	15°	2/9/100 + 2/9/110	LI27M 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	LI25M43PI3	F03FS02681
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH6	F03FS09626
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH6	F03FS09626

Machine Type	Tool Type	D	B-B1	b	d	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
		mm	mm	mm	mm							
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	LI25M43PI3	F03FS02681
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH6	F03FS09626
EB 95, SEKTOR 470, K470, SK370	Main blade	355	4,4	3,2	65	72	TCG	15°	15°	2/9/95 + 2/9/110	LSB35508X	F03FS08740
	HW Scorer	200	4,3-5,5	3,2	65	36	ATB	8°	15°	2/9/100 + 2/9/110	LI25M43PI3	F03FS02681
	HW Scorer	300	4,3-5,5	3	65	48	ATB	12°	15°	2/9/100 + 2/9/110	LI25M43RX3	F03FS07616
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH6	F03FS09626
	Postf. scorer	300	4,55	3,2	65	72	ATB	15°	15°	2/9/100 + 2/9/110	LI27M 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	LI25M43PI3	F03FS02681
	HW Scorer	300	4,3-5,5	3	65	48	ATB	12°	15°	2/9/100 + 2/9/110	LI25M43RX3	F03FS07616
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH6	F03FS09626
	Postf. scorer	300	4,55	3,2	65	72	ATB	15°	15°	2/9/100 + 2/9/110	LI27M DA3	F03FS02737
WN-WNA 610, WN-WNA 610 (PFS)	Main blade	380	4,4	3,2	65	72	TCG	15°	15°	2/9/110	LSB38014X	F03FS09166
	HW Scorer	200	4,3-5,5	3,2	65	36	ATB	8°	15°	2/9/100 + 2/9/110	LI25M43PI3	F03FS02681
	HW Scorer	300	4,3-5,5	3	65	48	ATB	12°	15°	2/9/100 + 2/9/110	LI25M43RX3	F03FS07616
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH4	F03FS09625
EB108, EB110, EB120	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH6	F03FS09626
	Main blade	400	4,4	3,2	80	72	TCG	15°	15°	2/15/105 + 2/9/130 + 4/19/120	LSB40009X	F03FS07810
	HW Scorer	200	4,3-5,5	3,2	65	36	ATB	8°	15°	2/9/100 + 2/9/110	LI25M43PI3	F03FS02681
	HW Scorer	300	4,3-5,5	3	65	48	ATB	12°	15°	2/9/100 + 2/9/110	LI25M43RX3	F03FS07616
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH6	F03FS09626
	Postf. scorer	300	4,55	3,2	65	72	ATB	15°	15°	2/9/100 + 2/9/110	LI27M 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	LI25M43PI3	F03FS02681
	HW Scorer	300	4,3-5,5	3	65	48	ATB	12°	15°	2/9/100 + 2/9/110	LI25M43RX3	F03FS07616
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH6	F03FS09626
EB/EBT 120, WN 125	Main blade	430	4,4	3,2	80	72	TCG	15°	15°	2/9/130 + 2/14/110 + 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	LI25M43PI3	F03FS02681
	HW Scorer	300	4,3-5,5	3,2	65	72	ATB	12°	15°	2/9/100 + 2/9/110	LI25M43RI3	F03FS02689
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH6	F03FS09626
	Postf. scorer	300	4,55	3,2	65	72	ATB	15°	15°	2/9/100 + 2/9/110	LI27M DA3	F03FS02737
WN-WNA 650, WN-WNA 650 (PFS)	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	LI25M43PI3	F03FS02681
	HW Scorer	300	4,3-5,5	3	65	48	ATB	12°	15°	2/9/100 + 2/9/110	LI25M43RX3	F03FS07616
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH4	F03FS09625
	DP Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M43PIH6	F03FS09626
WN 710, WN 710 (PFS)	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	LI25M47PI3	F03FS02720
	HW Scorer	300	4,7-5,9	3,5	65	48	ATB	6°	15°	2/9/110	LI25M47RX3	F03FS07744
	DP Scorer	200	4,7-5,5	3,5	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M47PIH4	F03FS09631
	DP Scorer	200	4,7-5,5	3,5	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M47PIH6	F03FS09632
WN 600/132, WN 200	Main blade	450	4,8	3,5	80	72	TCG	15°	15°	2/14/125 + 2/9/130 + 4/19/120	LSB45018X	F03FS07812
	HW Scorer	200	4,7-5,9	3,5	65	36	ATB	8°	15°	2/9/100 + 2/9/110	LI25M47PI3	F03FS02720
	DP Scorer	200	4,7-5,5	3,5	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M47PIH4	F03FS09631
	DP Scorer	200	4,7-5,5	3,5	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M47PIH6	F03FS09632
	Postf. scorer	300	4,95	3	65	72	ATB	15°	15°	2/9/100 + 2/9/110	LI27M DB3	F03FS02739

Machine Type	Tool Type	D	B-B1	b	d	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
		mm	mm	mm	mm							
WN 600/132, WN 200	Main blade	450	4,8	3,5	80	72	TCG	15°	15°	2/14/125 + 2/9/130 + 4/19/120	LSB45018X	F03FS07812
	HW Scorer	200	4,7-5,9	3,5	65	36	ATB	8°	15°	2/9/100 + 2/9/110	LI25M47PI3	F03FS02720
	DP Scorer	200	4,7-5,5	3,5	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M47PIH4	F03FS09631
	DP Scorer	200	4,7-5,5	3,5	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M47PIH6	F03FS09632
	Postf. scorer	300	4,95	3	65	72	ATB	15°	15°	2/9/100 + 2/9/110	LI27M DB3	F03FS02739
WN-WNA 730, WN-WNA 730 (PFS)	Main blade	470	4,8	3,5	70	72	TCG	15°	15°	4/11/130	LSB47005X	F03FS09185
	HW Scorer	200	4,7-5,9	3,5	65	36	ATB	8°	15°	2/9/100 + 2/9/110	LI25M47PI3	F03FS02720
	HW Scorer	300	4,7-5,9	3,5	65	48	ATB	6°	15°	2/9/110	LI25M47RX3	F03FS07744
	DP Scorer	200	4,7-5,5	3,5	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M47PIH4	F03FS09631
	DP Scorer	200	4,7-5,5	3,5	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M47PIH6	F03FS09632
WN-WNA 750, WN-WNA 750 (PFS)	Main blade	470	4,8	3,5	70	72	TCG	15°	15°	4/11/130	LSB47005X	F03FS09185
	Main blade	520	4,8	3,5	70	72	TCG	15°	15°	4/11/130	LSB52006X	F03FS09193
	HW Scorer	200	5,7-6,9	3,5	65	36	ATB	8°	15°	2/9/110	LI25M57PI3BS	F03FS08165
WN 600/145, WN 512	Main blade	480	4,8	3,5	80	72	TCG	15°	15°	2/9/130 + 4/19/120	LSB48001X	F03FS09188
	HW Scorer	200	4,7-5,9	3,5	65	36	ATB	8°	15°	2/9/100 + 2/9/110	LI25M47PI3	F03FS02720
	DP Scorer	200	4,7-5,5	3,5	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M47PIH4	F03FS09631
	DP Scorer	200	4,7-5,5	3,5	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M47PIH6	F03FS09632
	Postf. scorer	300	4,55	3,2	65	72	ATB	15°	15°	2/9/100 + 2/9/110	LI27M DA3	F03FS02737
WNA600/162	Main blade	510	4,8	3,5	80	72	TCG	15°	15°	2/9/130 + 4/19/120	LSB51001X	F03FS09984
	HW Scorer	200	4,7-5,9	3,5	65	36	ATB	8°	15°	2/9/100 + 2/9/110	LI25M47PI3	F03FS02720
	DP Scorer	200	4,7-5,5	3,5	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M47PIH4	F03FS09631
	DP Scorer	200	4,7-5,5	3,5	65	36	FLAT	6°	14°	2/9/100 + 2/9/110	DLI25M47PIH6	F03FS09632
	Postf. scorer	300	4,95	3	65	72	ATB	15°	15°	2/9/100 + 2/9/110	LI27M DB3	F03FS02739
WN-WNA 850	Main blade	600	5,8	4	70	60	TCG	15°	15°	4/11/130	LSB60004X	F03FS10258
	Main blade	600	5,8	4	75	60	TCG	15°	15°	4/6,5/130 + 4/11/130	LSB60006X	F03FS10259
	HW Scorer	200	5,7-6,9	3,5	65	36	ATB	8°	15°	2/9/110	LI25M57PI3BS	F03FS08165

Machine Type	Tool Type	D mm	B-B1 mm	b mm	d mm	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°	2/10/60	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°	-	LI25M43KC3	F03FS02649
KAPPA AUTOMATIC 80 EDITION	Main blade	320	4,4	3,2	30	60	TCG	15°	15°	2/10/60	LSB32005X	F03FS09160
	HW Scorer	150	4,3-5,6	3,2	30	36	ATB	8°	15°	-	LI25M43KC3	F03FS02649
KAPPA AUTOMATIC CLASSIC	Main blade	320	4,4	3,2	30	60	TCG	15°	15°	2/10/60	LSB32005X	F03FS09160
	HW Scorer	150	4,3-5,6	3,2	30	36	ATB	8°	15°	-	LI25M43KC3	F03FS02649
PS80	Main blade	320	4,4	3,2	30	60	TCG	15°	15°	2/10/60	LSB32005X	F03FS09160
	HW Scorer	150	4,3-5,6	3,2	30	36	ATB	8°	15°	-	LI25M43KC3	F03FS02649
KAPPA AUTOMATIC 100	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°	-	LI25M43KC3	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°	-	LI25M43KC3	F03FS02649
KAPPA AUTOMATIC 120	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
	HW Scorer	150	4,3-5,6	3,2	30	36	ATB	8°	15°	-	LI25M43KC3	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
	HW Scorer	150	4,3-5,6	3,2	30	36	ATB	8°	15°	-	LI25M43KC3	F03FS02649
PS2 Z	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°	-	LI25M43KC3	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°	-	LI25M43KC3	F03FS02649
FINAL												
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
KR32	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

Machine Type	Tool Type	D mm	B-B1 mm	b mm	d mm	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°	-	LI25M43FE3	F03FS02645
SMART SP105, ICON 105	Main blade	380	4,4	3,2	50	72	TCG	15°	15°	4/13/80	LSB38008X	F03FS09165
	HW Scorer	250	4,3-5,5	3,2	50	48	ATB	8°	15°	3/13/80	LI25M430F3	F03FS02669
G 2000 STARMATIC	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
	HW Scorer	125	4,5-5,7	3	45	24	ATB	0°	15°	-	LI25M45FE3	F03FS02699
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
	HW Scorer	160	4,3-5,5	3,2	45	36	ATB	8°	15°	03/11/70	LI25M43LE3	F03FS02655
PRISMATIC 201	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	LI25M43QF3	F03FS02685
	HW Scorer	300	4,3-5,5	3,5	50	48	ATB	12°	15°	3/15/80	LI25M43RM3	F03FS02693
	DP Scorer	215	4,3-5,1	3,2	50	42	FLAT	6°	14°	2/7/80 + 3/15/80	DLI25M43QFH4	F03FS09633
	DP Scorer	215	4,3-5,1	3,2	50	42	FLAT	6°	14°	2/7/80 + 3/15/80	DLI25M43QFH6	F03FS09634
	Postf. Scorer	300	4,55	3,2	50	72	ATB	15°	15°	3/15/80	LI27M DD3	F03FS02743
	Main blade	470	4,4	3,2	75	96	TCG	15°	15°	4/15/105	LSB47004X	F03FS09184
PRISMATIC 2, 3	HW Scorer	215	4,3-5,5	3,2	50	42	ATB	8°	15°	2/7/80 + 3/15/80	LI25M43QF3	F03FS02685
	HW Scorer	215	4,5-5,7	3,2	50	42	ATB	8°	15°	3/15/80	LI25M45PF3	F03FS02713
	HW Scorer	300	4,3-5,5	3,5	50	48	ATB	12°	15°	3/15/80	LI25M43RM3	F03FS02693
	DP Scorer	215	4,3-5,1	3,2	50	42	FLAT	6°	14°	2/7/80 + 3/15/80	DLI25M43QFH4	F03FS09633
	DP Scorer	215	4,3-5,1	3,2	50	42	FLAT	6°	14°	2/7/80 + 3/15/80	DLI25M43QFH6	F03FS09634
	Postf. Scorer	300	4,55	3,2	50	72	ATB	15°	15°	3/15/80	LI27M DD3	F03FS02743
	Main blade	530	4,8	3,5	75	72	TCG	15°	15°	2/7/110	LSB53004X	F03FS09651
	HW Scorer	215	4,7-5,9	3,5	50	42	ATB	8°	15°	2/7/80	LI25M47QF3	F03FS09650

Machine Type	Tool Type	D mm	B-B1 mm	b mm	d mm	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
HOLZHER												
CUT 85, 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°	2/7/42 + 2/10/60	LI25M43NC3	F03FS02663
	HW Scorer	180	4,3-5,5	3,2	30	36	ATB	8°	15°	2/7/42 + 2/10/60	LI25M43XN3	F03FS06373
	Postf. scorer	250	4,6	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°	2/7/42 + 2/10/60	LI25M43XN3	F03FS06373
CUT 110	Main blade	400	4,4	3,2	30	72	TCG	15°	15°	2/10/60 + 2/13/94	LSB40007X	F03FS07725
	HW Scorer	250	4,3-5,5	3,2	30	48	CON	8°	15°	2/10/60	LI25M43OC3	F03FS02668
	Postf. scorer	250	4,6	3,0	30	48	ATB	15°	15°	-	LI27M BA3	F03FS02734
	HW Scorer	180	4,3-5,5	3,2	30	36	ATB	8°	15°	2/7/42 + 2/10/60	LI25M43XN3	F03FS06373
ZENTREX 6220 (POWER, LIFT, DYNAMIC)	Main blade	430	4,4	3,2	30	72	TCG	15°	15°	2/13/94	LSB43007X	F03FS09177
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
	DP 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
HPP230, 250 (before 06/2014)	Main blade	300	4,4	3,2	60	72	TCG	15°	15°	2/14/100	LSB30012X	F03FS09207
	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	F03FS09949
	HW Scorer	200	4,3-5,5	3,2	45	36	ATB	8°	15°	-	LI25M43PE3	F03FS02676
HPP350	Main blade	350	4,4	3,2	75	72	TCG	15°	15°	-	LSB35008X	F03FS07634
	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.
		mm	mm	mm	mm							
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
	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	280	5,0	3,5	45	84	ATB	15°	15°	-	LI27M CA3	F03FS02736
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°	2/14/100 + 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
	Postf. scorer	340	5,0	3,5	45	108	ATB	15°	15°	3/14/65	LI27M EB3	F03FS02747
HPP430, 510, 11	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
	Postf. scorer	340	5,0	3,5	45	108	ATB	15°	15°	3/14/65	LI27M EB3	F03FS02747

Machine Type	Tool Type	D mm	B-B1 mm	b mm	d mm	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
22	Main blade	500	4,8	3,5	60	72	TCG	15°	15°	2/11/115	LSB50011X	F03FS09191
	HW Scorer	200	4,7-5,9	3,5	45	36	ATB	8°	15°	-	LI25M47PE3	F03FS02719
	DP Scorer	200	4,7-5,5	3,5	45	36	FLAT	6°	14°	-	DLI25M47PEH4	F03FS09629
	DP Scorer	200	4,7-5,5	3,5	45	36	FLAT	6°	14°	-	DLI25M47PEH6	F03FS09630
	Postf. scorer	340	5,0	3,5	45	108	ATB	15°	15°	3/14/65	LI27M EB3	F03FS02747
HPL550	Main blade	520	4,8	3,5	60	72	TCG	15°	15°	2/11/115 + 2/19/120	LSB52003X	F03FS09192
	HW Scorer	200	4,7-5,9	3,5	45	36	ATB	8°	15°	-	LI25M47PE3	F03FS02719
	DP Scorer	200	4,7-5,5	3,5	45	36	FLAT	6°	14°	-	DLI25M47PEH4	F03FS09629
	DP Scorer	200	4,7-5,5	3,5	45	36	FLAT	6°	14°	-	DLI25M47PEH6	F03FS09630
	Postf. scorer	340	5,0	3,5	45	108	ATB	15°	15°	3/14/65	LI27M EB3	F03FS02747
HPL570	Main blade	570	4,8	3,5	60	60	TCG	15°	15°	2/11/115 + 2/19/120	LSB57001X	F03FS09199
	HW Scorer	200	4,7-5,9	3,5	45	36	ATB	8°	15°	-	LI25M47PE3	F03FS02719
	DP Scorer	200	4,7-5,5	3,5	45	36	FLAT	6°	14°	-	DLI25M47PEH4	F03FS09629
	DP Scorer	200	4,7-5,5	3,5	45	36	FLAT	6°	14°	-	DLI25M47PEH6	F03FS09630
	Postf. scorer	340	5,0	3,5	45	108	ATB	15°	15°	3/14/65	LI27M EB3	F03FS02747
HPP42, 33	Main blade	600	5,8	4	60	60	TCG	15°	15°	2/11/115 + 2/19/120	LSB60001X	F03FS09200
	Main blade	600	5,8	4	60	72	TCG	15°	15°	2/11/115 + 2/19/120	LSB60002X	F03FS09201
	HW Scorer	200	5,7-6,9	4	45	36	ATB	8°	15°	-	LI25M57PE3	F03FS02728
HOMAG												
CH 3	Main blade	300	4,4	3	75	60	TCG	15°	15°	-	LSB30003X	F03FS03916
	HW Scorer	125	4,3-5,5	3,2	45	24	ATB	0°	15°	-	LI25M43FE3	F03FS02645
CH 3	Main blade	300	4,4	3	75	60	TCG	15°	15°	-	LSB30003X	F03FS03916
	HW Scorer	125	4,3-5,5	3,2	45	24	ATB	0°	15°	-	LI25M43FE3	F03FS02645
CT 04/40	Main blade	300	4,4	3	75	60	TCG	15°	15°	-	LSB30003X	F03FS03916
	HW Scorer	150	4,3-5,6	3,2	45	36	ATB	8°	15°	-	LI25M43KE3	F03FS02651
CV'S	Main blade	300	4,4	3	75	60	TCG	15°	15°	-	LSB30003X	F03FS10218
	HW Scorer	125	4,3-5,5	3,2	45	24	ATB	0°	15°	-	LI25M43FE3	F03FS02645

Machine Type	Tool Type	D mm	B-B1 mm	b mm	d mm	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
CH 04	Main blade	355	4,4	3,2	75	72	TCG	15°	15°	3/7/100	LSB35507X	F03FS07710
	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
CH 08/12	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	150	4,3-5,6	3,2	45	36	ATB	8°	15°	-	LI25M43KE3	F03FS02651
NANXING												
NPC330	Main blade	380	4,4	3,2	60	72	TCG	15°	15°	2/14/100	LSB38002X	F03FS07631
	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
MJB1327B	Main blade	450	4,8	3,5	60	72	TCG	15°	15°	2/14/125 + 2/17/100	LSB45017X	F03FS09272
	Main blade	400	4,4	3,2	60	84	TCG	15°	15°	2/14/100	LSB40021X	F03FS09255
	HW Scorer	180	4,3-5,5	3,2	30	36	ATB	8°	15°	2/7/42 + 2/10/60	LI25M43XN3	F03FS06373
NP280FG NP280F	Main blade	450	4,8	3,5	60	72	TCG	15°	15°	2/14/125 + 2/17/100	LSB45017X	F03FS09272
	Main blade	400	4,4	3,2	60	84	TCG	15°	15°	2/14/100	LSB40021X	F03FS09255
	Main blade	350	4,4	3,2	60	72	TCG	15°	15°	2/14/100	LSB35004X	F03FS07636
	HW Scorer	180	4,3-5,5	3,2	30	36	ATB	8°	15°	2/7/42 + 2/10/60	LI25M43XN3	F03FS06373
NPL330HG NP330H NP330HG	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
NP380FG NP330FG NP330F	Main blade	450	4,8	3,5	60	72	TCG	15°	15°	2/14/125 + 2/17/100	LSB45017X	F03FS09272
	Main blade	400	4,4	3,2	60	84	TCG	15°	15°	2/14/100	LSB40021X	F03FS09255
	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
NZH3318 NPD380	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.
NIMAC												
HERMES 70 CNC	Main blade	300	4,4	3	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
ATLAS 100/100TL	Main blade	355	4,4	3,2	65	72	TCG	15°	15°	2/9/95 + 2/9/110	LSB35508X	F03FS08740
	Main blade	360	4,4	3,2	65	72	TCG	15°	15°	2/9/95 + 2/9/110	LSB36002X	F03FS07673
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	LI25M430C3	F03FS02668
	Postf. scorer	250	4,6	3	30	48	ATB	15°	15°	-	LI27M BA3	F03FS02734
EURO 5 (SF, COMPACT, ECOPAN)	Main blade	300	4,4	3	30	60	TCG	15°	15°	2/10/60	LSB30001X	F03FS07802
	HW Scorer	125	4,3-5,5	3,2	20	24	CON	0°	15°	-	LI25M43FA3	F03FS02643
EURO10, 693/SH 70	Main blade	300	4,4	3	30	60	TCG	15°	15°	2/10/60	LSB30001X	F03FS07802
	HW Scorer	125	4,3-5,5	3,2	20	24	CON	0°	15°	-	LI25M43FA3	F03FS02643
	HW Scorer	180	4,3-5,5	3,2	30	28	CON	8°	15°	2/7/42 + 2/10/60	LI25M43NC3	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
	HW Scorer	180	4,3-5,5	3,2	30	28	CON	8°	15°	2/7/42 + 2/10/60	LI25M43NC3	F03FS02663
EURO 12, 30	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	CON	8°	15°	2/7/42 + 2/10/60	LI25M43NC3	F03FS02663
EURO 12 SF	Main blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
	HW Scorer	280	4,3-5,5	3,2	30	48	CON	12°	15°	2/10/60	LI25M43VC3	F03FS07419
POLYPAN 47	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	CON	8°	15°	2/7/42 + 2/10/60	LI25M43NC3	F03FS02663
	Postf. scorer	300	4,55	3	30	72	ATB	15°	15°	-	LI27M DF3	F03FS02745
EUROSTAR 2 XL, POLYSTAR	Main blade	370	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSC37001	F03FS06312
	HW Scorer	180	4,3-5,5	3,2	30	28	CON	8°	15°	2/7/42 + 2/10/60	LI25M43NC3	F03FS02663
	HW Scorer	280	4,3-5,5	3,2	30	48	CON	6°	15°	2/10/60	LI25M43VC3	F03FS07419
EURO 32	Main blade	370	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB37001X	F03FS10228
	HW Scorer	180	4,3-5,5	3,2	30	28	CON	8°	15°	2/7/42 + 2/10/60	LI25M43NC3	F03FS02663

Machine Type	Tool Type	D	B-B1	b	d	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
		mm	mm	mm	mm							
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°	2/7/42 + 2/10/60	LI25M43NC3	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°	2/7/42 + 2/10/60	LI25M43NC3	F03FS02663
	HW Scorer	280	4,3-5,5	3,2	30	48	CON	6°	15°	2/10/60	LI25M43VC3	F03FS07419
SCHEER KOCH												
PA 6000, 5500	Main blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/11/66 + 2/10/60 + 2/9/62	LI25M43PA3	F03FS02670
	HW Scorer	200	4,3-5,5	3,2	30	36	ATB	8°	15°	2/9/60 + 2/10/60	LI25M43PC3	F03FS02674
SCHELLING												
FH3	Main blade	300	4,4	3	30	72	TCG	15°	15°	2/10/60	LSB30005X	F03FS07803
	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°	2/7/42 + 2/10/60	LI25M43XN3	F03FS06373
FH4 (till 06/2015)	Main blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
	HW Scorer	300	4,3-5,5	3,2	30	48	ATB	12°	15°	2/11/73 + 2/11/75 + 2/13/94	LI25M43RC3	F03FS07577
S45	Main blade	350	4,4	3,2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
	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°	2/7/42 + 2/10/60	LI25M43XN3	F03FS06373
	HW Scorer	300	4,3-5,5	3,2	30	48	ATB	12°	15°	2/11/73 + 2/11/75 + 2/13/94	LI25M43RC3	F03FS07577
	Main blade	360	4,4	3,2	30	72	TCG	15°	15°	2/13/94	LSB36003X	F03FS09341
SCHELLING FH4 (from 07/2015 till 07/2017)	Main blade	360	4,4	3,2	30	72	TCG	15°	15°	2/13/94	LSB36003X	F03FS09341
	HW Scorer	200	4,3-5,5	3,2	20	36	ATB	8°	15°	2/11/66 + 2/10/60 + 2/9/62	LI25M43PA3	F03FS02670
FH4 (from 07/2017)	Main blade	360	4,4	3,2	30	72	TCG	15°	15°	2/13/94	LSB36003X	F03FS09341
	HW Scorer	300	4,3-5,5	3,2	30	48	ATB	12°	15°	2/11/73 + 2/11/75 + 2/13/94	LI25M43RC3	F03FS07577
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°	2/11/73 + 2/11/75 + 2/13/94	LI25M43RC3	F03FS07577
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°	2/11/73 + 2/11/75 + 2/13/94	LI25M43RC3	F03FS07577
FH5	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	LI25M43PA3	F03FS02670

Machine Type	Tool Type	D mm	B-B1 mm	b mm	d mm	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
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°	2/11/66 + 2/10/60 + 2/9/62	LI25M43PA3	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°	2/11/73 + 2/11/75 + 2/13/94	LI25M43RC3	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	LI25M43PA3	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	LI25M43PA3	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	LI25M47UA3	F03FS09266
	HW Scorer	200	4,7-5,9	3,5	20	36	ATB	8°	15°	2/11/66	LI25M47PA3	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	LI25M43PA3	F03FS02670
FH8, AH8, CH8	Main blade	520	4,8	3,5	30	72	TCG	15°	15°	2/13/94	LSB52007X	F03FS09319
	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°	2/11/66 + 2/10/60 + 2/9/62	LI25M43PA3	F03FS02670
	HW Scorer	220	4,7-5,9	3,5	20	36	ATB	8°	15°	2/9/62	LI25M47UA3	F03FS09266
	HW Scorer	200	4,7-5,9	3,5	20	36	ATB	8°	15°	2/11/66	LI25M47PA3	F03FS02716
	Main blade	520	4,8	3,5	30	72	TCG	15°	15°	2/13/94	LSB52007X	F03FS09319
FK8, FM8	HW Scorer	200	4,7-5,9	3,5	20	36	ATB	8°	15°	2/11/66	LI25M47PA3	F03FS02716
	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°	2/11/66 + 2/10/60 + 2/9/62	LI25M43PA3	F03FS02670
FK10, FM10	Main blade	680	6,2	4,2	40	60	TCG	18°	13°	2/13/140 + 2/17/140 + 2/13/114	LSB68001X	F03FS09203
	HW Scorer	200	6,1-7,3	4	20	36	ATB	8°	15°	2/11/66	LI25M61PA3	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	4,4	20	36	ATB	8°	15°	2/11/66	LI25M63UA3	F03FS02732
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	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	LI25M43LG3	F03FS02657

Machine Type	Tool Type	D	B-B1	b	d	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
		mm	mm	mm	mm							
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	LI25M43LG3	F03FS02657
	Postf. scorer	280	4,65	3,2	80	72	ATB	15°	15°	2/14/110	LI27M47VL3	F03FS08014
IMPACT 85 K	Main blade	350	4,4	3,2	80	72	TCG	15°	15°	4/9/100 + 2/9/110 + 2/14/110	LSB35005X	F03FS07635
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84 + 3/7/66	LI25M43LG3	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	LI25M43LG3	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	LI25M43LG3	F03FS02657
	HW Scorer	200	4,3-5,5	3,2	80	36	ATB	8°	15°	2/14/110	LI25M43PL3	F03FS02683
	DP Scorer	200	4,3-5,1	3,2	80	36	FLAT	6°	14°	2/14/110	DLI25M43PLH4	F03FS09627
	DP Scorer	200	4,3-5,1	3,2	80	36	FLAT	6°	14°	2/14/110	DLI25M43PLH6	F03FS09628
	Postf. scorer	300	4,7	3,2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
	Main blade	400	4,4	3,2	80	72	TCG	15°	15°	4/9/100 + 2/9/110 + 2/14/110 + 2/14/125	LSB40012X	F03FS09173
IMPACT 110	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84 + 3/7/66	LI25M43LG3	F03FS02657
	HW Scorer	200	4,3-5,5	3,2	80	36	ATB	8°	15°	2/14/110	LI25M43PL3	F03FS02683
	DP Scorer	200	4,3-5,1	3,2	80	36	FLAT	6°	14°	2/14/110	DLI25M43PLH4	F03FS09627
	DP Scorer	200	4,3-5,1	3,2	80	36	FLAT	6°	14°	2/14/110	DLI25M43PLH6	F03FS09628
	Postf. scorer	300	4,7	3,2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
	Main blade	300	4,4	3	80	60	TCG	15°	15°	4/9/100 + 2/14/110	LSB30004X	F03FS09157
GALAXY 90	Main blade	300	4,4	3	80	72	TCG	15°	15°	4/9/100 + 2/14/110	LSB30008X	F03FS07804
	HW Scorer	200	4,3-5,5	3,2	80	36	ATB	8°	15°	2/14/110	LI25M43PL3	F03FS02683
	DP Scorer	200	4,3-5,1	3,2	80	36	FLAT	6°	14°	2/14/110	DLI25M43PLH4	F03FS09627
	DP Scorer	200	4,3-5,1	3,2	80	36	FLAT	6°	14°	2/14/110	DLI25M43PLH6	F03FS09628
	Postf. scorer	300	4,7	3,2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
	Main blade	350	4,4	3,2	80	72	TCG	15°	15°	4/9/100 + 2/9/110 + 2/14/110	LSB35005X	F03FS07635
GALAXY 85	HW Scorer	200	4,3-5,5	3,2	80	36	ATB	8°	15°	2/14/110	LI25M43PL3	F03FS02683
	DP Scorer	200	4,3-5,1	3,2	80	36	FLAT	6°	14°	2/14/110	DLI25M43PLH4	F03FS09627
	DP Scorer	200	4,3-5,1	3,2	80	36	FLAT	6°	14°	2/14/110	DLI25M43PLH6	F03FS09628

SCM-GABBANI

Machine Type	Tool Type	D	B-B1	b	d	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
		mm	mm	mm	mm							
GALAXY3 110, 110A	Main blade	400	4,4	3,2	80	72	TCG	15°	15°	$\frac{4/9/100 + 2/9/110}{+ 2/14/110 + 2/14/125}$	LSB40012X	F03FS09173
	HW Scorer	200	4,3-5,5	3,2	80	36	ATB	8°	15°	2/14/110	LI25M43PL3	F03FS02683
	DP Scorer	200	4,3-5,1	3,2	80	36	FLAT	6°	14°	2/14/110	DLI25M43PLH4	F03FS09627
	DP Scorer	200	4,3-5,1	3,2	80	36	FLAT	6°	14°	2/14/110	DLI25M43PLH6	F03FS09628
	Postf. scorer	300	4,7	3,2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
GALAXY 115	Main blade	400	4,4	3,2	80	72	TCG	15°	15°	$\frac{4/9/100 + 2/9/110}{+ 2/14/110 + 2/14/125}$	LSB40012X	F03FS09173
	HW Scorer	200	4,3-5,5	3,2	80	36	ATB	8°	15°	2/14/110	LI25M43PL3	F03FS02683
	DP Scorer	200	4,3-5,1	3,2	80	36	FLAT	6°	14°	2/14/110	DLI25M43PLH4	F03FS09627
	DP Scorer	200	4,3-5,1	3,2	80	36	FLAT	6°	14°	2/14/110	DLI25M43PLH6	F03FS09628
	Postf. scorer	300	4,7	3,2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
GALAXY3 130, 130A	Main blade	430	4,4	3,2	80	72	TCG	15°	15°	$\frac{2/9/130 + 2/14/110}{+ 4/19/120}$	LSB43009X	F03FS07909
	HW Scorer	200	4,3-5,5	3,2	80	36	ATB	8°	15°	2/14/110	LI25M43PL3	F03FS02683
	DP Scorer	200	4,3-5,1	3,2	80	36	FLAT	6°	14°	2/14/110	DLI25M43PLH4	F03FS09627
	DP Scorer	200	4,3-5,1	3,2	80	36	FLAT	6°	14°	2/14/110	DLI25M43PLH6	F03FS09628
	Postf. scorer	300	4,7	3,2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
GALAXY3 145	Main blade	450	4,4	3,2	80	72	TCG	15°	15°	$\frac{2/9/130 + 2/14/110}{+ 4/19/120}$	LSB45009X	F03FS07811
	HW Scorer	200	4,3-5,5	3,2	80	36	ATB	8°	15°	2/14/110	LI25M43PL3	F03FS02683
	DP Scorer	200	4,3-5,1	3,2	80	36	FLAT	6°	14°	2/14/110	DLI25M43PLH4	F03FS09627
	DP Scorer	200	4,3-5,1	3,2	80	36	FLAT	6°	14°	2/14/110	DLI25M43PLH6	F03FS09628
	Postf. scorer	300	4,7	3,2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
GALAXY 140, ELITE	Main blade	450	4,4	3,2	80	72	TCG	15°	15°	$\frac{2/9/130 + 2/14/110}{+ 4/19/120}$	LSB45009X	F03FS07811
	HW Scorer	200	4,3-5,5	3,2	80	36	ATB	8°	15°	2/14/110	LI25M43PL3	F03FS02683
	DP Scorer	200	4,3-5,1	3,2	80	36	FLAT	6°	14°	2/14/110	DLI25M43PLH4	F03FS09627
	DP Scorer	200	4,3-5,1	3,2	80	36	FLAT	6°	14°	2/14/110	DLI25M43PLH6	F03FS09628
	Postf. scorer	300	4,7	3,2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
GALAXY3	Main blade	460	4,4	3,2	80	72	TCG	15°	15°	$\frac{2/14/110 + 4/9/100}{+ 2/14/110 + 2/14/125}$	LSB46003X	F03FS09950
	HW Scorer	200	4,3-5,5	3,2	80	36	ATB	8°	15°	2/14/110	LI25M43PL3	F03FS02683
	DP Scorer	200	4,3-5,1	3,2	80	36	FLAT	6°	14°	2/14/110	DLI25M43PLH4	F03FS09627
	DP Scorer	200	4,3-5,1	3,2	80	36	FLAT	6°	14°	2/14/110	DLI25M43PLH6	F03FS09628
	Postf. scorer	300	4,7	3,2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741

Machine Type	Tool Type	D mm	B-B1 mm	b mm	d mm	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
TÖRK MAKİNE												
MP70R	Main blade	320	4,4	3,2	75	72	TCG	15°	15°	3/7/100 + 3/13/95	LSB32002X	F03FS09162
	HW Scorer	160	4,3-5,5	3,2	55	36	ATB	8°	15°	3/6/84 + 3/7/66	LI25M43LG3	F03FS02657
TURANLAR												
T-PE 433	Main blade	300	4,4	3	30	60	TCG	15°	15°	2/10/60	LSB30001X	F03FS07802
	Main blade	300	4,4	3	30	72	TCG	15°	15°	2/10/60	LSB30005X	F03FS07803
	HW Scorer	150	4,3-5,6	3,2	30	36	ATB	8°	15°	-	LI25M43KC3	F03FS02649
T-PE 434 (before 2020)	Main blade	400	4,4	3,2	80	72	TCG	15°	15°	4/9/100 + 2/9/110 + 2/14/110 + 2/14/125	LSB40012X	F03FS07810
	HW Scorer	200	4,3-5,5	3,2	65	36	ATB	8°	15°	2/9/100 + 2/9/110	LI25M43PI3	F03FS02681
T-PE 434	Main blade	430	4,4	3,2	80	72	TCG	15°	15°	2/9/130 + 2/14/110 + 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	LI25M43PI3	F03FS02681
T-PE 435	Main blade	430	4,4	3,2	80	72	TCG	15°	15°	2/9/130 + 2/14/110 + 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	LI25M43PI3	F03FS02681
T-PE 436 (before 2020)	Main blade	450	4,8	3,5	80	72	TCG	15°	15°	2/14/125 + 2/9/130 + 4/19/120	LSB45018X	F03FS07812
	HW Scorer	200	4,7-5,9	3,5	65	36	ATB	8°	15°	2/9/100 + 2/9/110	LI25M47PI3	F03FS02720

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	3,0	30	60	15°	15°	2/10/60	SCM - Techmatic, Verry	 LSB25003X	F03FS10212
250	4,2	3,0	50	60	15°	15°	-	Usikraft	 LSB25005X	F03FS10214
250	4,2	3,0	55	60	15°	15°	4/10/70	Baldan, SCM - Techmatic	 LSB25002X	F03FS10211
250	4,4	3,0	30	80	15°	15°	2/9/46,4 + 2/10/60		 LSB25004X	F03FS10213
270	4,2	3,0	55	60	15°	15°	-	SCM - Techmatic	 LSB27001X	F03FS10215
280	4,4	3,2	55	60	15°	15°	2/10/70	Baldan	 LSB28001X	F03FS10216
280	4,4	3,2	55	72	15°	15°	2/10/70	Baldan	 LSB28002X	F03FS12321
290	4,2	3,0	55	60	15°	15°	-	SCM - Techmatic	 LSB29001X	F03FS10217
300	4,4	3,0	30	60	15°	15°	2/10/60	Panhans	 LSB30001X	F03FS07802
300	4,4	3,0	65	60	15°	15°	2/9/110	Selco	 LSB30002X	F03FS09159
300	4,4	3,0	75	60	15°	15°	-	Homag	 LSB30003X	F03FS10218
300	4,4	3,0	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	3,0	30	72	15°	15°	2/10/60	Panhans, Verry		LSB30005X	F03FS07803
300	4,4	3,0	65	72	15°	15°	2/9/95 + 2/9/110	Selco		LSB30006X	F03FS09158
300	4,4	3,0	75	72	15°	15°	-	Holzma		LSB30007X	F03FS10219
300	4,4	3,0	80	72	15°	15°	4/9/100 + 2/14/110	SCM		LSB30008X	F03FS07804
300	4,4	3,0	75	96	15°	15°	-			LSB30010X	F03FS10220
300	4,4	3,2	50	72	15°	15°	4/13/80	Giben		LSB30013X	F03FS12319
300	4,4	3,2	60	72	15°	15°	2/14/100	Holzma		LSB30012X	F03FS09207
305	4,4	3,0	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°	2/10/60	Felder		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	15°	15°	4/9/100 + 2/9/110 + 2/14/110			LSB32006X	F03FS10101
320	4,4	3,2	30	72	15°	15°	2/10/60+2/13/94	Felder		LSB32009X	F03FS10296
320	4,4	3,2	50	72	15°	15°	4/13/80	Giben		LSB32010X	F03FS12320
320	4,4	3,2	60	72	15°	15°	2/14/100			LSB32008X	F03FS10268
320	4,4	3,2	65	72	15°	15°	2/9/95 + 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
330	4,4	3,2	65	72	15°	15°	2/9/110	Selco		LSB33001X	F03FS10838
340	4,4	3,2	80	72	15°	15°	2/14/110	SCM		LSB34001X	F03FS11612
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, Felder		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

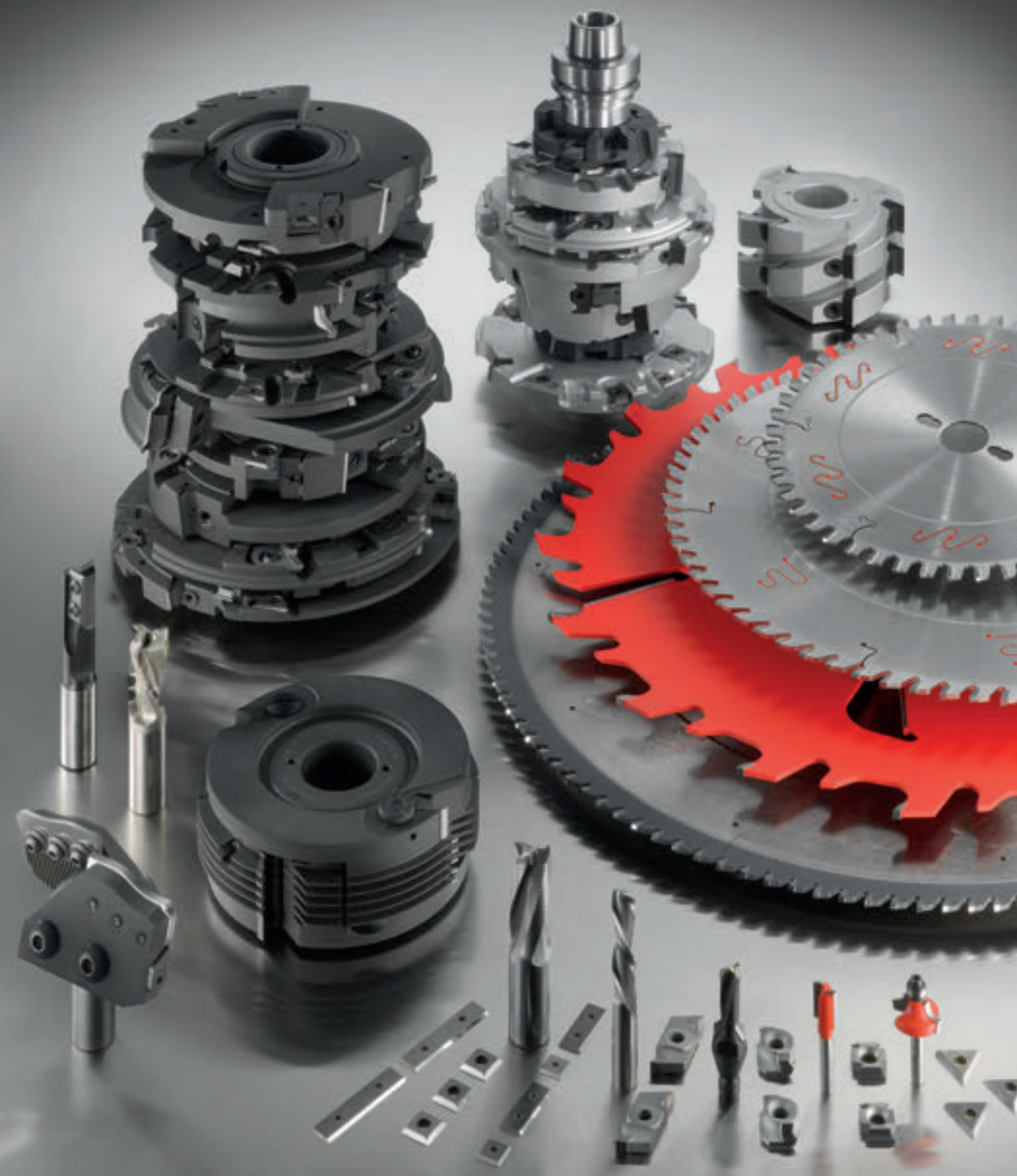
D	B	b	d	Z	α	β	Pin Holes	Machine	Freud Code	Art. No.
mm	mm	mm	mm							
355	4,4	3,2	80	54	15°	15°	4/9/100 + 2/9/110 + 2/14/110	Gabbiani	 LSB35503X	F03FS09205
355	4,4	3,2	30	72	15°	15°	2/10/60	Panhans, SCM, Felder	 LSB35504X	F03FS07674
355	4,4	3,2	65	72	15°	15°	2/9/95 + 2/9/110	Selco	 LSB35508X	F03FS08740
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
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	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°	2/9/95 + 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°	2/10/60 + 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, Wonpoong	 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°	2/10/60	Felder	 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	Felder	 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

D	B	b	d	Z	α	β	Pin Holes	Machine	Freud Code	Art. No.
mm	mm	mm	mm							
400	4,4	3,2	30	72	15°	15°	2/10/60 + 2/13/94	Scheer, Felder	 LSB40007X	F03FS07725
400	4,4	3,2	50,8	72	10°	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
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	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
400	4,4	3,2	80	72	15°	15°	4/9/100 + 2/9/110 + 2/14/110 + 2/14/125	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°	4/13/80	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	65	60	15°	15°	2/9/110	Selco	 LSB43014X	F03FS10485
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°	2/13/94		 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	80	72	15°	15°	4/15/105 + 2/7/110 + 2/9/130	Selco, Giben	 LSB43015X	F03FS10497
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

D	B	b	d	Z	α	β	Pin Holes	Machine	Freud Code	Art. No.
mm	mm	mm	mm							
450	4,4	3,2	60	60	15°	15°	2/14/125	Holzma	 LSB45005X	F03FS10244
450	4,4	3,2	80	60	15°	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, Felder	 LSB45007X	F03FS09181
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	30	72	15°	15°	2/9/60	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°	4/19/120 + 2/14/125 + 2/9/130	Selco	 LSB45018X	F03FS07812
450	4,8	3,5	60	84	15°	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	75	72	15°	15°	4/15/105	Giben	 LSB48008X	F03FS12318
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°	2/13/94	Schelling	 LSB50003X	F03FS10250
500	4,4	3,2	30	72	15°	15°	2/13/94	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	F03FS09984
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

D	B	b	d	Z	α	β	Pin Holes	Machine		Freud Code	Art. No.
mm	mm	mm	mm								
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
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	100	60	15°	15°	2/7/140			LSB53003X	F03FS09195
530	5,2	3,5	30	60	15°	15°	-	Schelling		LSB53001X	F03FS09194
530	5,8	4,0	60	60	15°	15°	1/11/85	Anthon		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	5,0	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	72	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	5,0	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	4,0	60	60	15°	15°	2/11/115 + 2/19/120	Holzma Typ 33		LSB60001X	F03FS09200
600	5,8	4,0	70	60	15°	15°	4/11/130			LSB60004X	F03FS10258
600	5,8	4,0	75	60	15°	15°	4/6,5/130 + 4/11/130	Selco		LSB60006X	F03FS10259
600	5,8	4,0	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	18°	13°	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

Precisely the best





Freud - Leading the industrial market since 1962

Freud is a worldwide leader in the cutting tool industry and the biggest manufacturer of premium circular saw blades. Since 1962 Freud designs and produces an extensive range of superior quality circular saw blades, cutter heads & brazed cutters, drilling, routing & CNC tools as well as knives and accessories.

Freud technologies and solutions Perfection crafted for your needs

Freud premium quality cutting tools are produced with unique and innovative features. The company owns and controls the entire tool manufacturing process, with a full and strict monitoring over quality, across its plants in Italy. The continuous investment in Research & Development, combined with Freud strong engineering competence and advanced technologies, results in products with innovative features, extreme precision and extended lifetime. Always the right solution for your application needs.



Technological supremacy In-house Carbide production

Leader in Carbide manufacturing since 1980: Freud prides itself of a unique in-house production and sintering of Carbide components, for superior quality cutting tools. Freud TiCo, a specially formulated, highly compact combination of Titanium and Cobalt Carbide, ensures maximum precision and long lasting sharpness of the cutting edge. The ability to formulate dedicated recipes, for standard and customised applications, delivers the highest tool performance.

Global distribution Worldwide services wherever you are

Freud's belief in "think global and act local" has led the company to develop an extensive network of selected partners and subsidiaries, in over 90 countries worldwide. This to better support their customers wherever they are.



freud

freud S.p.A.

Società Unipersonale

Via Remigio Solari, 7

33050 Pavia di Udine (UD) IT

www.freudtools.com

