

freud

**Precisely
the best**

BIESSE-SELCO

AES - ANTHON
AYZA MIZRAK

FELDER
FIMAL
MAYER
GIBEN

HOLZER
HOLZMA

HOMAG
NANXING

NIMAC
SCHEER
PANHANS
SCHELLING



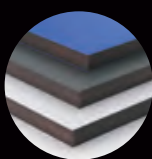
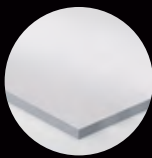
SCM-GABBANI
TORK MAKINE
TURANLAR

LSB X RANGE
BY DIAMETER



LSB X NeXt Generation
Premium saw blades for panel sizing

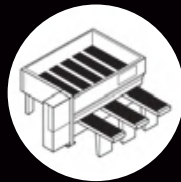
THE MOST COMPLETE RANGE OF CIRCULAR SAW BLADES FOR PANEL SIZING MACHINES

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

Key of performance

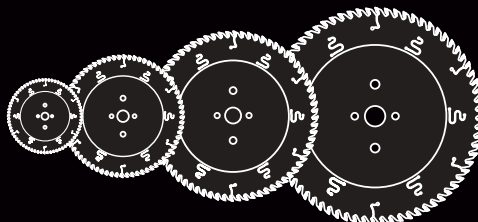
● ● ● Ultimate ● ● High ● Good

FOR AUTOMATIC PANEL SIZING MACHINES

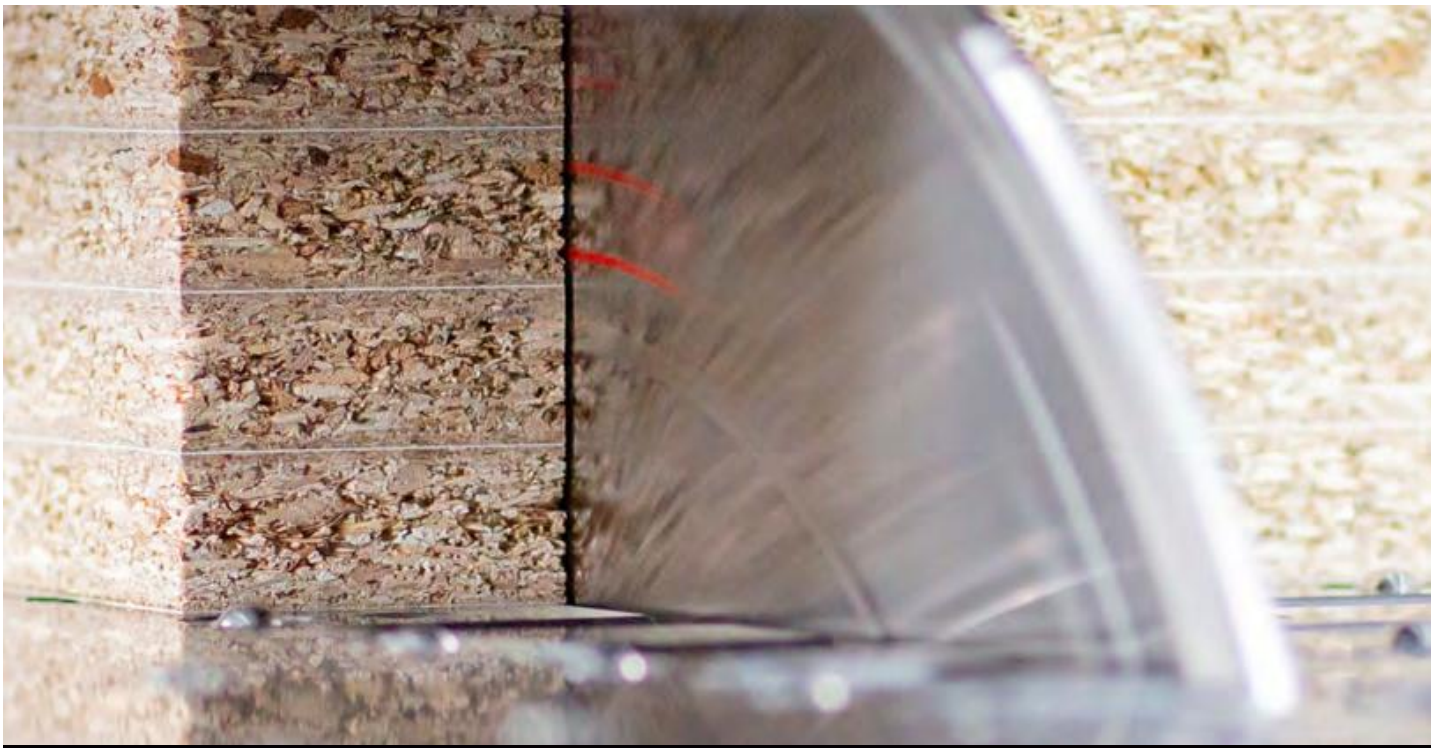


AVAILABLE IN A WIDE RANGE OF DIAMETERS

from 250 mm



to 720 mm



BIESSE-SELCO

AES - ANTHON
AYZA MIZRAK

FELDER
FIMAL
MAYER
GIBEN

HOLZER
HOLZMA

HOMAG
NANXING

NIMAC
SCHEER
PANHANS
SCHELLING

SCM-GABBIANI
TÖRK MAKINE
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 MAKINE TURANLAR

LSB X PRODUCT FEATURES

WHY FREUD LSB X IS PRECISELY THE BEST FOR PANEL SIZING



Extraordinary performance
Long lasting TTCO Carbide in-house manufactured.



Low noise
Exclusive anti-vibration slots.



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



TTCO 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.

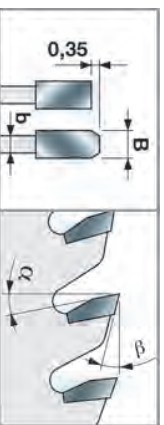
EXPLANATION OF SYMBOLS AND ABBREVIATIONS

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



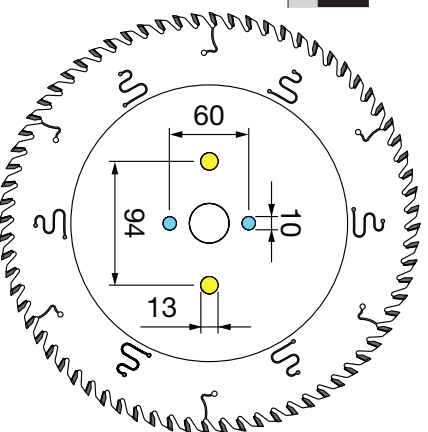
The LSB X range represents the ideal choice for industrial panel sizing. Saw blades suitable for chipboard and MDF bilaminated panels. Good finishing also in HPL and acrylic panels cutting.

Guide to Pin Holes

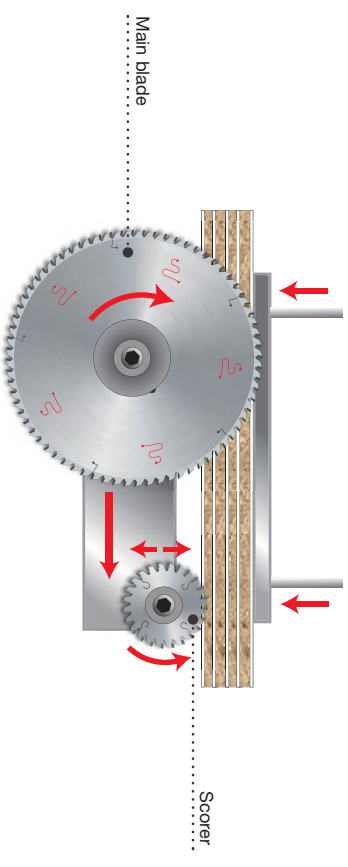
Example

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.
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	LI25M43P13	F03FS02681
	Scorer	300	4,3-5,5	3,0	65	48	ATB	12°	15°	2/9/100+ 2/9/110	LI25M43RX3	F03FS07616
	DP	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PI14	F03FS09625
	Scorer	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PI16	F03FS09626
	Post-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	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	LI25M43P13	F03FS02681
	HW/Scorer	300	4,3-5,5	3,0	65	48	ATB	12°	15°	2/9/100+ 2/9/110	LI25M43RX3	F03FS07616
EB 70 (KIT 80), 75 (SEKTOR 430), 80 (SEKTOR 450), SK350, SK450	DP	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PI14	F03FS09625
	DP	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PI16	F03FS09626
	Post-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
	HW/Scorer	200	4,3-5,5	3,2	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LI25M43P13	F03FS02681
	DP	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PI14	F03FS09625
	DP	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PI16	F03FS09626
	Post-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
	HW/Scorer	200	4,3-5,5	3,2	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LI25M43P13	F03FS02681
WN2, WN230, SK230	DP	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PI14	F03FS09625
	DP	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PI16	F03FS09626
	DP	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PI16	F03FS09626
	DP	200	4,3-5,1	3,2	65	36	FLAT	6°	14°	2/9/100+ 2/9/110	DL25M43PI16	F03FS09626

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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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+	LI25M43P13	F03FS02681
	DP Scorer	200	4.3-5.1	3.2	65	36	FLAT	6°	14°	2/9/100+	DU25M43PI4	F03FS09625
	DP Scorer	200	4.3-5.1	3.2	65	36	FLAT	6°	14°	2/9/100+	DU25M43PI6	F03FS09626
	Main blade	355	4.4	3.2	65	72	TCG	15°	15°	2/9/95+	LSB35508X	F03FS08740

EB 95, SEKTOR 470, K470, SK370	HW Scorer	200	4.3-5.5	3.2	65	36	ATB	8°	15°	2/9/100+	LI25M43P13	F03FS02681
	HW Scorer	300	4.3-5.5	3.0	65	48	ATB	12°	15°	2/9/100+	LI25M43RX3	F03FS07616
	DP Scorer	200	4.3-5.1	3.2	65	36	FLAT	6°	14°	2/9/100+	DU25M43PI4	F03FS09625
	DP Scorer	200	4.3-5.1	3.2	65	36	FLAT	6°	14°	2/9/110	DU25M43PI6	F03FS09626
	Post. scorer	300	4.55	3.2	65	72	ATB	15°	15°	2/9/100+	LI27M DA3	F03FS02737

EB100	Main blade	360	4.4	3.2	65	72	TCG	15°	15°	2/9/95+	LSB36002X	F03FS07673
	HW Scorer	200	4.3-5.5	3.2	65	36	ATB	8°	15°	2/9/100+	LI25M43P13	F03FS02681
	HW Scorer	300	4.3-5.5	3.0	65	48	ATB	12°	15°	2/9/100+	LI25M43RX3	F03FS07616
	DP Scorer	200	4.3-5.1	3.2	65	36	FLAT	6°	14°	2/9/100+	DU25M43PI4	F03FS09625
	DP Scorer	200	4.3-5.1	3.2	65	36	FLAT	6°	14°	2/9/110	DU25M43PI6	F03FS09626

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+	LI25M43P13	F03FS02681
	HW Scorer	300	4.3-5.5	3.0	65	48	ATB	12°	15°	2/9/100+	LI25M43RX3	F03FS07616
	DP Scorer	200	4.3-5.1	3.2	65	36	FLAT	6°	14°	2/9/100+	DU25M43PI4	F03FS09625
	DP Scorer	200	4.3-5.1	3.2	65	36	FLAT	6°	14°	2/9/110	DU25M43PI6	F03FS09626

EB106, EB110, EB120	Main blade	400	4.4	3.2	80	72	TCG	15°	15°	2/15/105+	LSB40009X	F03FS07810
	HW Scorer	200	4.3-5.5	3.2	65	36	ATB	8°	15°	2/9/100+	LI25M43P13	F03FS02681
	HW Scorer	300	4.3-5.5	3.0	65	48	ATB	12°	15°	2/9/100+	LI25M43RX3	F03FS07616
	DP Scorer	200	4.3-5.1	3.2	65	36	FLAT	6°	14°	2/9/100+	DU25M43PI4	F03FS09625
	DP Scorer	200	4.3-5.1	3.2	65	36	FLAT	6°	14°	2/9/110	DU25M43PI6	F03FS09626

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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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+	LI25M43P13	F03FS02681
	HW Scorer	300	4.3-5.5	3.0	65	48	ATB	12°	15°	2/9/100+	LI25M43RX3	F03FS07616
	DP Scorer	200	4.3-5.1	3.2	65	36	FLAT	6°	14°	2/9/100+	DU25M43PI4	F03FS09625
	DP Scorer	200	4.3-5.1	3.2	65	36	FLAT	6°	14°	2/9/100+	DU25M43PI6	F03FS09626

EB/EBT 120, WN 125	Main blade	430	4.4	3.2	80	72	TCG	15°	15°	2/9/130+	LSB43009X	F03FS07909
	HW Scorer	200	4.3-5.5	3.2	65	36	ATB	8°	15°	2/9/100+	LI25M43P13	F03FS02681
	HW Scorer	300	4.3-5.5	3.2	65	72	ATB	12°	15°	2/9/110	LI25M43RX3	F03FS02689
	DP Scorer	200	4.3-5.1	3.2	65	36	FLAT	6°	14°	2/9/100+	DU25M43PI4	F03FS09625
	DP Scorer	200	4.3-5.1	3.2	65	36	FLAT	6°	14°	2/9/110	DU25M43PI6	F03FS09626

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+	LI25M43P13	F03FS02681
	HW Scorer	300	4.3-5.5	3.0	65	48	ATB	12°	15°	2/9/110	LI25M43RX3	F03FS07616
	DP Scorer	200	4.3-5.1	3.2	65	36	FLAT	6°	14°	2/9/100+	DU25M43PI4	F03FS09625
	DP Scorer	200	4.3-5.1	3.2	65	36	FLAT	6°	14°	2/9/110	DU25M43PI6	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+	LI25M47P13	F03FS02720
	HW Scorer	300	4.7-5.9	3.5	65	48	ATB	12°	15°	2/9/100+	LI25M47RX3	F03FS07744
	DP Scorer	200	4.7-5.5	3.5	65	36	FLAT	6°	14°	2/9/100+	DU25M47PI4	F03FS09631
	DP Scorer	200	4.7-5.5	3.5	65	36	FLAT	6°	14°	2/9/110	DU25M47PI6	F03FS09632

WN 600/132, WN 200	Main blade	450	4.8	3.5	80	72	TCG	15°	15°	2/9/130+	LSB45018X	F03FS07812
	HW Scorer	200	4.7-5.9	3.5	65	36	ATB	8°	15°	2/9/100+	LI25M47P13	F03FS02720
	HW Scorer	200	4.7-5.5	3.5	65	36	FLAT	6°	14°	2/9/100+	DU25M47PI4	F03FS09631
	DP Scorer	200	4.7-5.5	3.5	65	36	FLAT	6°	14°	2/9/100+	DU25M47PI6	F03FS09632
	Post. scorer	300	4.95	3.0	65	72	ATB	15°	15°	2/9/100+	LI27M DB3	F03FS02739

Machine Type	Tool Type	D mm	B-B1 mm	b mm	d mm	Z	Tooth Type	α	β	Pin Holes	Freud Code	Art. No.
HOLZNER												
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°		LI25M43NE3	F03FS02663
CUT 85, 82	HW Scorer	180	4.3-5.5	3.2	30	36	ATB	8°	15°	2/10/60+ 2/7/42	LI25M43NE3	F03FS06373
	Post. 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+ 2/7/42	LI25M43NE3	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	LI25M430C3	F03FS02668
ZENTREX (POWER, LIFT, DYNAMIC)	Post. Scorer	250	4.60	3.0	30	48	ATB	15°	15°		LI27M BA3	F03FS02734
	HW Scorer	180	4.3-5.5	3.2	30	36	ATB	8°	15°	2/10/60+ 2/7/42	LI25M43NE3	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°		DU25M43NEH4	F03FS09621
HPP230, 250 (before 06/2014)	HW Scorer	180	4.3-5.5	3.2	45	36	CON	8°	15°		LI25M43NE3	F03FS02664
	DP Scorer	180	4.3-5.1	3.2	45	30	FLAT	6°	14°		DU25M43NEH4	F03FS09621
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
HPP350	Main blade	350	4.4	3.2	60	72	TCG	15°	15°	2/14/100	LSB35008X	F03FS07634
	HW Scorer	180	4.3-5.5	3.2	45	36	ATB	8°	15°		LI25M43NE3	F03FS02664
HPP430	DP Scorer	180	4.3-5.1	3.2	45	30	FLAT	6°	14°		DU25M43NEH4	F03FS09621
	DP Scorer	180	4.3-5.1	3.2	45	30	FLAT	6°	14°		DU25M43NEH6	F03FS09622

Machine Type	Tool Type	D mm	B-B1 mm	b mm	d mm	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
HPP380, 82	DP Scorer	180	4.3-5.1	3.2	45	30	FLAT	6°	14°		DU25M43NEH4	F03FS09621
	DP Scorer	180	4.3-5.1	3.2	45	30	FLAT	6°	14°		DU25M43NEH6	F03FS09622
HPP430, 510, 11	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
HPL410	DP Scorer	180	4.7-5.5	3.5	45	30	FLAT	6°	14°		DU25M47NEH4	F03FS09623
	DP Scorer	180	4.7-5.5	3.5	45	30	FLAT	6°	14°		DU25M47NEH6	F03FS09624
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
HPP430, 510, 11	DP Scorer	180	4.7-5.5	3.5	45	30	FLAT	6°	14°		DU25M47NEH4	F03FS09623
	DP Scorer	180	4.7-5.5	3.5	45	30	FLAT	6°	14°		DU25M47NEH6	F03FS09624
HPP430, 510, 11	Post. Scorer	340	5.00	3.5	45	108	ATB	15°	15°	3/14/65	LI27M EB3	F03FS02747
	Post. Scorer	340	5.00	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°		DU25M47PEH4	F03FS09629	
	DP Scorer	200	4.7-5.5	3.5	45	36	FLAT	6°	14°		DU25M47PEH6	F03FS09630	
	Post. scorer	340	5.00	3.5	45	108	ATB	15°	15°	3/14/65	LI27M EB3	F03FS02747	
	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°		DU25M47PEH4	F03FS09629	
	DP Scorer	200	4.7-5.5	3.5	45	36	FLAT	6°	14°		DU25M47PEH6	F03FS09630	
	Post. scorer	340	5.00	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°		DU25M47PEH4	F03FS09629	
	DP Scorer	200	4.7-5.5	3.5	45	36	FLAT	6°	14°		DU25M47PEH6	F03FS09630	
	Post. scorer	340	5.00	3.5	45	108	ATB	15°	15°	3/14/65	LI27M EB3	F03FS02747	
	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	4.0	45	36	ATB	8°	15°		LI25M57PE3	F03FS02728	
	HOMAG												
	CH 3	Main blade	300	4.4	3	75	60	TCG	10°	15°		LSB30003	F03FS03916
HW Scorer		125	4.3-5.5	3.2	45	24	ATB	0°	15°		LI25M43PE3	F03FS02645	
CH 3	Main blade	300	4.4	3	75	60	TCG	10°	15°		LSB30003	F03FS03916	
	HW Scorer	125	4.3-5.5	3.2	45	24	ATB	0°	15°		LI25M43PE3	F03FS02645	
CT 04/40	Main blade	300	4.4	3	75	60	TCG	10°	15°		LSB30003	F03FS03916	
	HW Scorer	150	4.3-5.6	3.2	45	36	ATB	8°	15°		LI25M43KE3	F03FS02651	
CVS	Main blade	300	4.4	3	75	60	TCG	10°	15°		LSB30003X	F03FS10218	
	HW Scorer	125	4.3-5.5	3.2	45	24	ATB	0°	15°		LI25M43PE3	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°		DU25M43NEH4	F03FS09621	
	DP Scorer	180	4.3-5.1	3.2	45	30	FLAT	6°	14°		DU25M43NEH6	F03FS09622	
	Post. scorer	300	4.50	3.0	75	72	ATB	10°	15°		LI27M DE3	F03FS02744	
	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
MJB1327B	HW Scorer	200	4.3-5.5	3.2	45	36	ATB	8°	15°		LI25M43PE3	F03FS02676	
	Main blade	450	4.8	3.5	60	72	TCG	15°	15°	2/14/125+ 2/17/100	LSB45017X	F03FS09272	
NP280FG	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°	2/10/60+ 2/17/42	LI25M43XN3	F03FS06373	
NP280FG	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	
NP280F	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°	2/10/60+ 2/17/42	LI25M43XN3	F03FS06373	
NPL330HG	Main blade	450	4.8	3.5	60	72	TCG	15°	15°	2/14/125+ 2/17/100	LSB45017X	F03FS09272	
	HW Scorer	180	4.7-5.9	3.5	45	36	ATB	8°	15°		LI25M47NE3	F03FS02715	
NP330H	DP Scorer	180	4.7-5.5	3.5	45	30	FLAT	6°	14°		DU25M47NEH4	F03FS09623	
	DP Scorer	180	4.7-5.5	3.5	45	30	FLAT	6°	14°		DU25M47NEH6	F03FS09624	
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	
NP330FG	HW Scorer	180	4.7-5.9	3.5	45	36	ATB	8°	15°		LI25M47NE3	F03FS02664	
	DP Scorer	180	4.7-5.5	3.5	45	30	FLAT	6°	14°		DU25M47NEH4	F03FS09623	
NP330F	DP Scorer	180	4.7-5.5	3.5	45	30	FLAT	6°	14°		DU25M47NEH6	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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NZH3318 NPD380	Main blade	450	4.8	3.5	60	72	TCG	15°	15°	2/14/725+ 2/17/100	LSB45017X	F03FS07391
	HW	180	4.7-5.9	3.5	45	36	ATB	8°	15°		LI25M47NE3	F03FS02715
	Scorer	180	4.7-5.5	3.5	45	30	FLAT	6°	14°		DU125M47NEH4	F03FS09623
NIMAC	DP Scorer	180	4.7-5.5	3.5	45	30	FLAT	6°	14°		DU125M47NEH6	F03FS09624

HERMES 70 CNC	Main blade	300	4.4	3.2	65	72	TCG	15°	15°	2/9/95+ 2/9/110	LSB30006X	F03FS09158
	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
	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

PANHANS												
EURO 10 SF	Main blade	300	4.4	3	30	60	TCG	15°	15°	2/10/60	LSB30001X	F03FS07802
	Scorer	250	4.3-5.5	3.2	30	48	CON	8°	15°	2/10/60	LI25M430C3	F03FS02668
EURO 5 (SF, COMPACT, ECOPAN)	Main blade	300	4.4	3	30	60	TCG	15°	15°	2/10/60	LSB30001X	F03FS07802
	Scorer	125	4.3-5.5	3.0	20	24	CON	0°	15°	2/10/60	LI25M43FA3	F03FS02643
EURO10, 693/SH 70	Main blade	300	4.4	3	30	60	TCG	15°	15°	2/10/60	LSB30001X	F03FS07802
	Scorer	125	4.3-5.5	3.2	20	24	CON	0°	15°	2/10/60	LI25M43FA3	F03FS02643
S 45	Main blade	300	4.4	3	30	60	TCG	15°	15°	2/10/60	LSB30001X	F03FS07802
	Scorer	180	4.3-5.5	3.2	30	28	CON	8°	15°	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
	Scorer	180	4.3-5.5	3.2	30	28	CON	8°	15°	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
	Scorer	280	4.3-5.5	3.2	30	48	CON	6°	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
	Scorer	180	4.3-5.5	3.2	30	28	CON	8°	15°	2/10/60	LI25M43NC3	F03FS02663
	Post. scorer	300	4.60	3.0	30	72	ATB	15°	15°		LI27M DP3	F03FS02745

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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EUROSTAR 2 XL, POLYSTAR	Main blade	370	4.4	3.2	30	72	TCG	15°	15°	2/10/60	LS037001	F03FS06312
	Scorer	180	4.3-5.5	3.2	30	28	CON	8°	15°		LI25M43NC3	F03FS02663
EURO 32	Main blade	280	4.3-5.5	3.2	30	48	CON	6°	15°	2/10/60	LI25M43VC3	F03FS07419
	Scorer	180	4.3-5.5	3.2	30	28	CON	8°	15°	2/10/60	LI25M43NC3	F03FS02663
693/SH 110	Main blade	400	4.4	3.2	30	72	TCG	15°	15°	2/10/60+ 2/13/94	LSB40007X	F03FS07725
	Scorer	180	4.3-5.5	3.2	30	28	CON	8°	15°		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
	Scorer	180	4.3-5.5	3.2	30	28	CON	8°	15°		LI25M43NC3	F03FS02663
SCHEER KOCH	Main blade	350	4.4	3.2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
	Scorer	200	4.3-5.5	3.2	30	36	ATB	8°	15°	2/10/60	LI25M43PC3	F03FS02674
PA 6000, 5500	Main blade	200	4.3-5.5	3.2	20	36	ATB	8°	15°	2/1/66+ 2/10/60+ 2/9/62	LI25M43PA3	F03FS02670
	Scorer	200	4.3-5.5	3.2	30	36	ATB	8°	15°	2/10/60	LI25M43PC3	F03FS02674

SCHELLING

FH3	Main blade	300	4.4	3.2	30	72	TCG	15°	15°	2/10/60	LSB30005X	F03FS07803
	Scorer	180	4.3-5.5	3.2	30	36	ATB	8°	15°	2/10/60+ 2/7/42	LI25M43XN3	F03FS06373
FH4 (Hill 06/2015)	Main blade	350	4.4	3.2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
	Scorer	300	4.3-5.5	3.2	30	48	ATB	12°	15°	2/1/75+ 2/13/94	LI25M43RC3	F03FS07577
FH4 (Hill 07/2017)	Main blade	350	4.4	3.2	30	72	TCG	15°	15°	2/10/60	LSB35003X	F03FS07630
	Scorer	400	4.4	3.2	30	72	TCG	15°	15°	2/10/60+ 2/13/94	LSB40007X	F03FS07725
S45	Main blade	180	4.3-5.5	3.2	30	36	ATB	8°	15°	2/10/60+ 2/7/42	LI25M43XN3	F03FS06373
	Scorer	300	4.3-5.5	3.2	30	48	ATB	12°	15°	2/1/75+ 2/13/94	LI25M43RC3	F03FS07577

SCHELLING FH4 (from 07/2015 till 07/2017)	Main blade	360	4.4	3.2	30	72	TCG	15°	15°	2/1/66+ 2/10/60+ 2/9/62	LSB36003X	F03FS09341
	Scorer	200	4.3-5.5	3.2	20	36	ATB	8°	15°	2/10/60	LI25M43PA3	F03FS02670
FH4 (from 07/2017)	Main blade	360	4.4	3.2	30	72	TCG	15°	15°	2/1/66+ 2/10/60+ 2/9/62	LSB36003X	F03FS09341
	Scorer	300	4.3-5.5	3.2	30	48	ATB	12°	15°	2/1/75+ 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
	Scorer	300	4.3-5.5	3.2	30	48	ATB	12°	15°	2/1/75+ 2/13/94	LI25M43RC3	F03FS07577

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	400	4.4	3.2	30	72	TCG	15°	15°	2/10/60+	LSB40007X	F03FS07725
	Blade									2/13/94		
	Scorer	300	4.3-5.5	3.2	30	48	ATB	12°	15°	2/11/75+	LS25M43RC3	F03FS07577

FH5	Main	400	4.4	3.2	30	72	TCG	15°	15°	2/10/60+	LSB40007X	F03FS07725
	Blade									2/13/94		
	Scorer	200	4.3-5.5	3.2	20	36	ATB	8°	15°	2/11/66+	LS25M43PA3	F03FS02670

FK4 (from 07/2015)	Main	400	4.4	3.2	30	72	TCG	15°	15°	2/10/60+	LSB40007X	F03FS07725
	Blade									2/13/94		
	Scorer	200	4.3-5.5	3.2	20	36	ATB	8°	15°	2/10/60+	LS25M43PA3	F03FS02670

FK4 (from 07/2017)	Main	400	4.4	3.2	30	72	TCG	15°	15°	2/11/75+	LS25M43RC3	F03FS07577
	Blade									2/13/94		
	Scorer	300	4.3-5.5	3.2	30	48	ATB	12°	15°	2/10/60+	LS25M43PA3	F03FS02670

FK6, AH6, CH6 (fill 06/2015)	Main	460	4.4	3.2	30	72	TCG	15°	15°	2/11/66+	LSB46001X	F03FS08922
	Blade									2/10/60+		
	Scorer	200	4.3-5.5	3.2	20	36	ATB	8°	15°	2/10/60+	LS25M43PA3	F03FS02670

FK6, FP6, FM6	Main	460	4.4	3.2	30	72	TCG	15°	15°	2/11/66+	LSB46001X	F03FS08922
	Blade									2/10/60+		
	Scorer	200	4.3-5.5	3.2	20	36	ATB	8°	15°	2/9/62	LS25M43PA3	F03FS02670

FH6, AH6, CH6 (starting from 07/2015)	Main	480	4.8	3.5	30	72	TCG	15°	15°	2/10/60+	LSB48004X	F03FS09187
	Blade									2/13/94		
	Scorer	200	4.7-5.9	3.5	20	36	ATB	8°	15°	2/11/66	LS25M47PA3	F03FS02716

FL	Main	480	4.4	3.2	30	72	TCG	15°	15°	2/10/60+	LSB48007X	F03FS09914
	Blade									2/13/94		
	Scorer	200	4.3-5.5	3.2	20	36	ATB	8°	15°	2/10/60+	LS25M43PA3	F03FS02670

FH8, AH8, CH8	Main	520	4.4	3.2	30	72	TCG	15°	15°	2/11/66+	LSB52008X	F03FS09319
	Blade									2/13/94		
	Scorer	200	4.3-5.5	3.2	20	36	ATB	8°	15°	2/10/60+	LS25M43PA3	F03FS02670

FK8, FM8	Main	520	4.7-5.9	3.5	20	36	ATB	8°	15°	2/11/66	LS25M47PA3	F03FS02716
	Blade									2/13/94		
	Scorer	200	4.7-5.9	3.5	20	36	ATB	8°	15°	2/9/62	LS25M47UA3	F03FS09286

FK10, FM10	Main	680	6.2	4.2	40	60	TCG	18°	13°	2/17/140+	LSB68001X	F03FS09203
	Blade									2/13/114		
	Scorer	200	6.1-7.3	4.2	20	36	ATB	8°	15°	2/11/66	LS25M61PA3	F03FS02730

ASH (FSM)	Main	720	6.4	4.4	40	60	TCG	18°	13°	2/14/14+	LSB72001X	F03FS09204
	Blade									2/14/140		
	Scorer	220	6.3-7.5	3.2	20	36	ATB	8°	15°	2/11/66	LS25M63UA3	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	300	4.4	3	80	60	TCG	15°	15°	4/9/100+	LSB30004X	F03FS09157
	Blade									2/14/110		
	Scorer	300	4.4	3.0	80	72	TCG	15°	15°	4/9/100+	LSB30008X	F03FS07804

PRIMA 67	Main	160	4.3-5.5	3.2	55	36	ATB	8°	15°	3/6/84+	LS25M43L63	F03FS02657
	Blade									3/7/66		
	Scorer	320	4.4	3.2	80	60	TCG	10°	15°	4/9/100+	LSB32006X	F03FS10101

IMPACT 85 K	Main	180	4.3-5.5	3.2	55	36	ATB	8°	15°	3/6/84+	LS25M43L63	F03FS02657
	Blade									3/7/66		
	Scorer	280	4.65	3.2	80	72	ATB	15°	15°	2/14/110	LS27M47V13	F03FS08014

IMPACT 105	Main	180	4.3-5.5	3.2	55	36	ATB	8°	15°	4/9/100+	LSB35005X	F03FS07635
	Blade									2/9/110+		
	Scorer	180	4.3-5.5	3.2	55	36	ATB	8°	15°	2/14/110	LSB35010X	F03FS07808

IMPACT 105 C/D, PLUS 105 C/D/P	Main	160	4.3-5.5	3.2	55	36	ATB	8°	15°	4/9/100+	LS25M43L63	F03FS02657
	Blade									2/9/110+		
	Scorer	380	4.4	3.2	80	72	TCG	15°	15°	2/14/110	LSB38009X	F03FS09164

IMPACT 90	Main	160	4.3-5.5	3.2	55	36	ATB	8°	15°	3/6/84+	LS25M43PL3	F03FS02683
	Blade									3/7/66		
	Scorer	200	4.3-5.5	3.2	80	36	ATB	8°	15°	2/14/110	DL25M43PLH4	F03FS09627

IMPACT 110	Main	300	4.70	3.2	80	72	ATB	15°	15°	2/14/110	LS27M DC3	F03FS02741
	Blade									4/9/100+2/9/110+		
	Scorer	400	4.4	3.2	80	72	TCG	15°	15°	2/14/125	LSB40012X	F03FS09173

IMPACT 110	Main	160	4.3-5.5	3.2	55	36	ATB	8°	15°	3/6/84+	LS25M43L63	F03FS02657
	Blade									3/7/66		
	Scorer	180	4.3-5.5	3.2	55	36	ATB	8°	15°	2/14/110	LS25M43PL3	F03FS02683

IMPACT 110	Main	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH4	F03FS09628
	Blade									2/14/110		
	Scorer	300	4.70	3.2	80	72	ATB	15°	15°	2/14/110	LS27M DC3	F03FS02741

IMPACT 110	Main	200	4.3-5.5	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH4	F03FS09627
	Blade									2/14/110		
	Scorer	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH6	F03FS09628

IMPACT 110	Main	300	4.70	3.2	80	72	ATB	15°	15°	2/14/110	LS27M DC3	F03FS02741
	Blade									2/14/110		
	Scorer	400	4.4	3.2	80	72	TCG	15°	15°	2/14/110	LS27M DC3	F03FS02741

IMPACT 110	Main	160	4.3-5.5	3.2	55	36	ATB	8°	15°	3/6/84+	LS25M43L63	F03FS02657
	Blade									3/7/66		
	Scorer	180	4.3-5.5	3.2	55	36	ATB	8°	15°	2/14/110	LS25M43PL3	F03FS02683

IMPACT 110	Main	200	4.3-5.5	3.2	80	36	ATB	8°	15°	2/14/110	LS25M43PL3	F03FS02683
	Blade									2/14/110		
	Scorer	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH4	F03FS09627

IMPACT 110	Main	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH6	F03FS09628
	Blade									2/14/110		
	Scorer	300	4.70	3.2	80	72	ATB	15°	15°	2/14/110	LS27M 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.
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SCM-GABBIANI

GALAXY 85	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	200	4.3-5.5	3.2	80	36	ATB	8°	15°	2/14/110	LI25M43P13	F03FS02683
	Scorer	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH4	F03FS09627
	DP	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH6	F03FS09628
	Postif. scorer	300	4.70	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
	HW	200	4.3-5.5	3.2	80	36	ATB	8°	15°	2/14/110	LI25M43P13	F03FS02683
	Scorer	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH6	F03FS09628
	DP	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH4	F03FS09627
GALAXY 110	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
	HW	200	4.3-5.5	3.2	80	36	ATB	8°	15°	2/14/110	LI25M43P13	F03FS02683
	Scorer	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH4	F03FS09627
	DP	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH6	F03FS09628
	Postif. scorer	300	4.70	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
	HW	200	4.3-5.5	3.2	80	36	ATB	8°	15°	2/14/110	LI25M43P13	F03FS02683
	Scorer	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH4	F03FS09627
	DP	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH6	F03FS09628
	Postif. scorer	300	4.70	3.2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
GALAXY 130	Main blade	430	4.4	3.2	80	72	TCG	15°	15°	2/9/130+ 2/14/110+ 4/19/120	LSB43009X	F03FS07909
	HW	200	4.3-5.5	3.2	80	36	ATB	8°	15°	2/14/110	LI25M43P13	F03FS02683
	Scorer	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH4	F03FS09627
	DP	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH6	F03FS09628
	Postif. scorer	300	4.70	3.2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
	Main blade	430	4.4	3.2	80	72	TCG	15°	15°	2/9/130+ 2/14/110+ 4/19/120	LSB45009X	F03FS07811
	HW	200	4.3-5.5	3.2	80	36	ATB	8°	15°	2/14/110	LI25M43P13	F03FS02683
	Scorer	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH4	F03FS09627
	DP	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH6	F03FS09628
	Postif. scorer	300	4.70	3.2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
GALAXY 145	Main blade	430	4.4	3.2	80	72	TCG	15°	15°	2/9/130+ 2/14/110+ 4/19/120	LSB45009X	F03FS07811
	HW	200	4.3-5.5	3.2	80	36	ATB	8°	15°	2/14/110	LI25M43P13	F03FS02683
	Scorer	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH4	F03FS09627
	DP	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH6	F03FS09628
	Postif. scorer	300	4.70	3.2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
	Main blade	430	4.4	3.2	80	72	TCG	15°	15°	2/9/130+ 2/14/110+ 4/19/120	LSB45009X	F03FS07811
	HW	200	4.3-5.5	3.2	80	36	ATB	8°	15°	2/14/110	LI25M43P13	F03FS02683
	Scorer	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH4	F03FS09627
	DP	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH6	F03FS09628
	Postif. scorer	300	4.70	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.
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GALAXY 140	Main blade	450	4.4	3.2	80	72	TCG	15°	15°	2/9/130+ 2/14/110+ 4/19/120	LSB45009X	F03FS07811
	HW	200	4.3-5.5	3.2	80	36	ATB	8°	15°	2/14/110	LI25M43P13	F03FS02683
	Scorer	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH4	F03FS09627
	DP	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH6	F03FS09628
	Postif. scorer	300	4.70	3.2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
	Main blade	450	4.4	3.2	80	72	TCG	15°	15°	2/9/130+ 2/14/110+ 4/19/120	LSB45009X	F03FS07811
	HW	200	4.3-5.5	3.2	80	36	ATB	8°	15°	2/14/110	LI25M43P13	F03FS02683
	Scorer	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH4	F03FS09627
	DP	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH6	F03FS09628
	Postif. scorer	300	4.70	3.2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
GALAXY 3	Main blade	430	4.4	3.2	80	72	TCG	15°	15°	2/9/130+ 2/14/110+ 4/19/120	LSB43009X	F03FS07909
	HW	200	4.3-5.5	3.2	80	36	ATB	8°	15°	2/14/110	LI25M43P13	F03FS02681
	Scorer	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH4	F03FS09627
	DP	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH6	F03FS09628
	Postif. scorer	300	4.70	3.2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
	Main blade	430	4.4	3.2	80	72	TCG	15°	15°	2/9/130+ 2/14/110+ 4/19/120	LSB43009X	F03FS07909
	HW	200	4.3-5.5	3.2	80	36	ATB	8°	15°	2/14/110	LI25M43P13	F03FS02681
	Scorer	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH4	F03FS09627
	DP	200	4.3-5.1	3.2	80	36	FLAT	6°	14°	2/14/110	DL25M43PLH6	F03FS09628
	Postif. scorer	300	4.70	3.2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
T-PE 436	Main blade	450	4.8	3.5	80	72	TCG	15°	15°	2/9/130+ 2/14/110+ 4/19/125	LSB45018X	F03FS07812
	HW	200	4.7-5.9	3.5	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LI25M47P13	F03FS02720
	Scorer	200	4.7-5.9	3.5	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LI25M47P13	F03FS02720
	DP	200	4.7-5.9	3.5	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LI25M47P13	F03FS02720
	Postif. scorer	300	4.70	3.2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741
	Main blade	450	4.8	3.5	80	72	TCG	15°	15°	2/9/130+ 2/14/110+ 4/19/125	LSB45018X	F03FS07812
	HW	200	4.7-5.9	3.5	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LI25M47P13	F03FS02720
	Scorer	200	4.7-5.9	3.5	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LI25M47P13	F03FS02720
	DP	200	4.7-5.9	3.5	65	36	ATB	8°	15°	2/9/100+ 2/9/110	LI25M47P13	F03FS02720
	Postif. scorer	300	4.70	3.2	80	72	ATB	15°	15°	2/14/110	LI27M DC3	F03FS02741

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 - Technatic, Verry	LSB25003X	F03FS10212
250	4.2	3	50	60	15°	15°		Usikraft	LSB25005X	F03FS10214
250	4.2	3	55	60	15°	15°		Baldan, SCM - Technatic	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 - Technatic	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 - Technatic	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, Verry	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, Hansel 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.
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D	B	b	d	Z	α	β	Pin Holes	Machine	Freud Code	Art. No.
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mm mm mm mm

mm mm mm mm

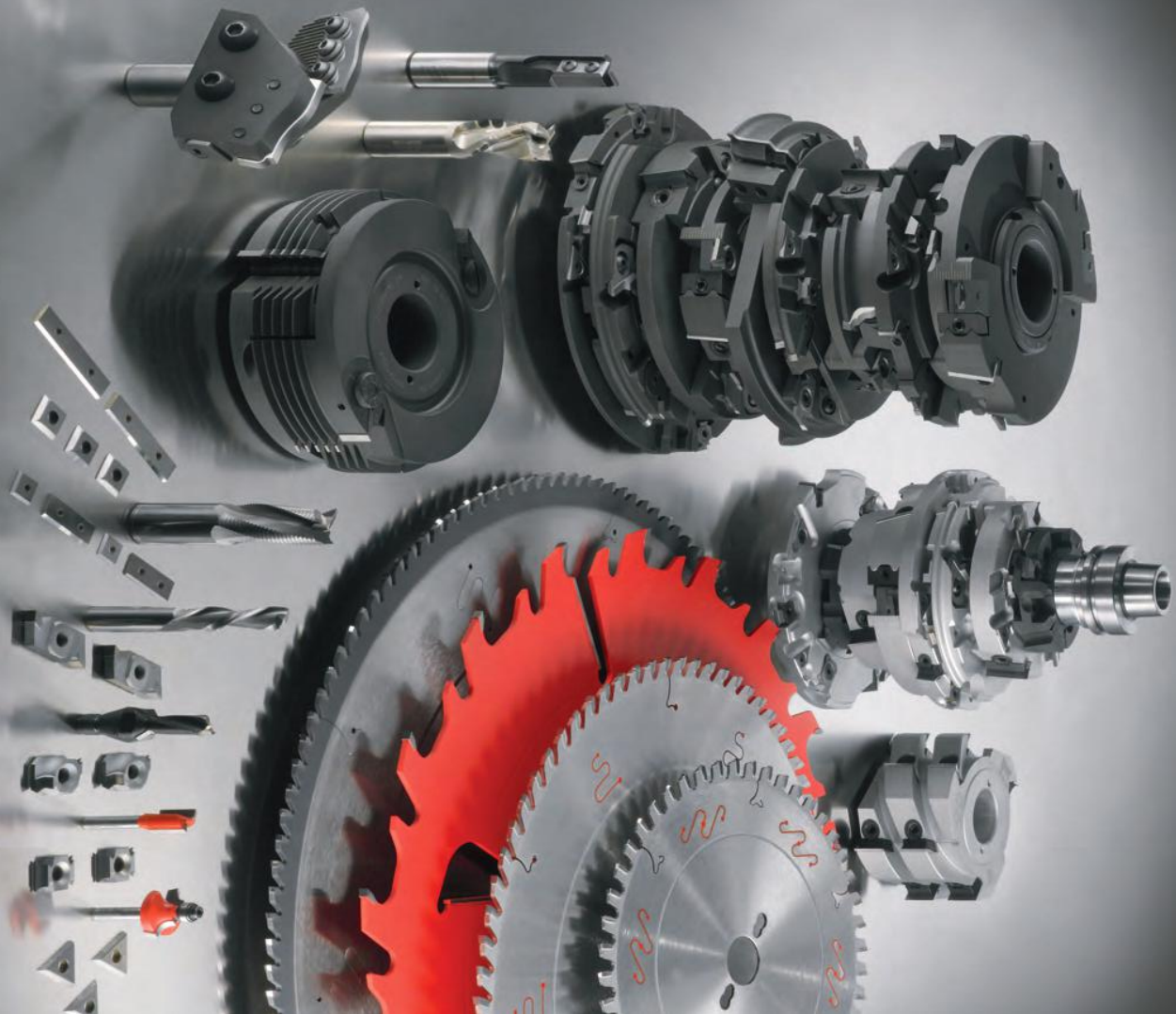
355	4.4	3.2	75	72	15°	15°	3/7/100	Gabbiani	LSB35507X	F03FS07710
355	4.4	3.2	80	72	15°	15°	4/9/100+2/9/110+ 2/1/4/110	Gabbiani	LSB35506X	F03FS09163
360	4.4	3	65	60	15°	15°	2/9/110	Selco	LSB36001X	F03FS10227
360	4.4	3.2	30	72	15°	15°	2/1/3/94	Schelling	LSB36003X	F03FS09341
360	4.4	3.2	65	72	15°	15°	2/9/110	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+ 2/1/4/110	Gabbiani	LSB38009X	F03FS09164
380	4.4	3.2	50	60	15°	15°	4/1/3/80	Giben	LSB38007X	F03FS10230
380	4.4	3.2	60	60	15°	15°	2/1/4/100	Holzma	LSB38001X	F03FS07806
380	4.4	3.2	30	72	15°	15°	2/0/8/83	Holzma	LSB38011X	F03FS10231
380	4.4	3.2	50	72	15°	15°	4/1/3/80	Giben	LSB38008X	F03FS09165
380	4.4	3.2	60	72	15°	15°	2/1/4/100	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°	2/1/4/100	Holzma, Woppong	LSB38012X	F03FS07672
380	4.4	3.2	80	72	15°	15°	4/9/100+2/9/110+ 2/1/4/110	Gabbiani	LSB38010X	F03FS07808
380	4.4	3.2	60	84	15°	15°	2/1/4/100	Holzma	LSB38015X	F03FS08989
380	4.4	3.2	80	96	15°	15°	4/9/100+2/9/110+ 2/1/4/110	Gabbiani	LSB38013X	F03FS07809
380	4.8	3.5	60	60	15°	15°	2/1/4/100	Holzma	LSB38003X	F03FS10229
380	4.8	3.5	60	72	15°	15°	2/1/4/100	Holzma	LSB38004X	F03FS07632
380	4.8	3.5	60	84	15°	15°	2/1/4/100	Holzma	LSB38005X	F03FS07807
390	4.4	3.2	80	72	15°	15°	2/1/4/110	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+ 2/1/4/110	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°	4/1/5/105	Giben	LSB40005X	F03FS09170
400	4.4	3.2	80	60	15°	15°	2/9/130+4/1/9/120	Selco	LSB40006X	F03FS10232
400	4.4	3.2	80	60	15°	15°	4/9/100+2/9/110+ 2/1/4/110	Gabbiani	LSB40011X	F03FS09171
400	4.4	3.2	30	72	15°	15°	2/10/60+2/1/3/94	Scheer	LSB40007X	F03FS07725
400	4.4	3.2	50,8	72	15°	15°	2/1/6/127+4/1/3/80		LSB40018X	F03FS089957
400	4.4	3.2	60	72	15°	15°	2/11/85+2/1/4/100	Anthorn	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°	4/1/5/105+2/7/110+ 2/1/4/100	Giben, Häsung Woodworking Machinery, Harasi Machine, HOMAG, Hyundai Sangi, KDT	LSB40008X	F03FS07726
400	4.4	3.2	80	72	15°	15°	2/1/5/105+2/9/130+ 4/1/9/120	Selco, MAS	LSB40009X	F03FS07810
400	4.4	3.2	80	72	15°	15°	4/9/100+2/9/110+ 2/1/4/110	Gabbiani	LSB40012X	F03FS09173
400	4.4	3.2	60	84	15°	15°	2/1/4/100	Nanxing	LSB40021X	F03FS09255
400	4.4	3.2	75	84	15°	15°	4/1/5/105+2/7/110	KDT	LSB40019X	F03FS08990
400	4.8	3.5	60	72	15°	15°	2/1/4/125	Holzma	LSB40013X	F03FS07711
420	4.4	3.2	80	60	15°	15°	4/9/100+2/9/110+ 2/1/4/110	Gabbiani	LSB42004X	F03FS10235
420	4.4	3.2	50	72	15°	15°	2/9/130+4/1/9/120	Selco	LSB42006X	F03FS09174
420	4.4	3.2	80	72	15°	15°	4/9/100+2/9/110+ 2/1/4/110	Gabbiani	LSB42005X	F03FS09175
420	4.8	3.5	60	60	15°	15°	2/1/4/125	Holzma	LSB42001X	F03FS10234
420	4.8	3.5	60	84	15°	15°	2/1/4/100+2/1/4/125	Holzma	LSB42002X	F03FS09176
430	4.4	3.2	30	48	15°	15°			LSB43001X	F03FS10236
430	4.4	3.2	75	48	15°	15°	4/1/5/105	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°	4/1/5/105	Giben	LSB43005X	F03FS10239
430	4.4	3.2	80	60	15°	15°	2/9/130+2/1/4/110+ 4/1/9/120	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°	4/1/5/105+2/7/110	Giben	LSB43008X	F03FS07908
430	4.4	3.2	80	72	15°	15°	2/9/130+2/1/4/110+ 4/1/9/120	Selco, Gabbiani	LSB43009X	F03FS07909
430	4.4	3.2	75	96	15°	15°	4/1/5/105+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°	2/0/9/60	Mayer, Panhans, SCM	LSB45001X	F03FS10241
450	4.4	3.2	60	48	15°	15°	2/1/4/125	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°	2/1/4/125	Holzma	LSB45005X	F03FS10244
450	4.4	3.2	80	60	10°	15°	2/9/130+4/1/9/120+ 2/1/4/110	Selco - Gabbiani	LSB45006X	F03FS10245
450	4.4	3.2	30	72	15°	15°	2/10/60+2/1/4/95	Mayer, Panhans, SCM	LSB45007X	F03FS09181
450	4.4	3.2	60	72	15°	15°	2/1/4/125	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		LSB47006X 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	Selco		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		LSB50006X 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		LSB52006X 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	Holzma		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
550	5,8	4	60	60	15°	15°		1/11/85	Anthorn		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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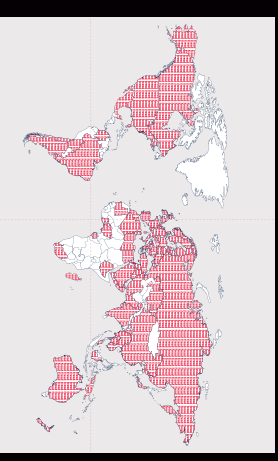


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freud S.p.A.
Società Unipersonale
Via Remigio Solari, 7
33050 Pavia di Udine (UD) IT
Tel. +39 0432 551411
info@freud.it
www.freud.it