



**NEW UPGRADED FEATURES FOR THE PERFECT CUT OF
ALUMINIUM AND PVC PROFILES**



Extremely fine surface roughness of all tips for a drastically reduced chip adhesion.
Triple-chip ratio optimization for an upgraded split of the chip load.
Improved conicity and side angle for a smoother cut surface.



Extremely precise and balanced body, combined with optimised laser slots, to minimise vibration.



A new ultra-thin coating, specially developed for cutting aluminium and PVC profiles.
This extraordinarily thin and homogenous solution ensures superior blade balance and prevents corrosion.

freud

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freud **Precisely
the best**



**New LU5H Range
for Aluminium and PVC Profiles**

LU5H PRODUCT FEATURES

WHY FREUD LU5H IS PRECISELY THE BEST FOR ALUMINIUM AND PVC PROFILE CUTTING



Enhanced quality of cut due to the drastic reduction of the adherence of the chip.



Superior blade balancing and high performing corrosion protection due to a new dedicated coating.



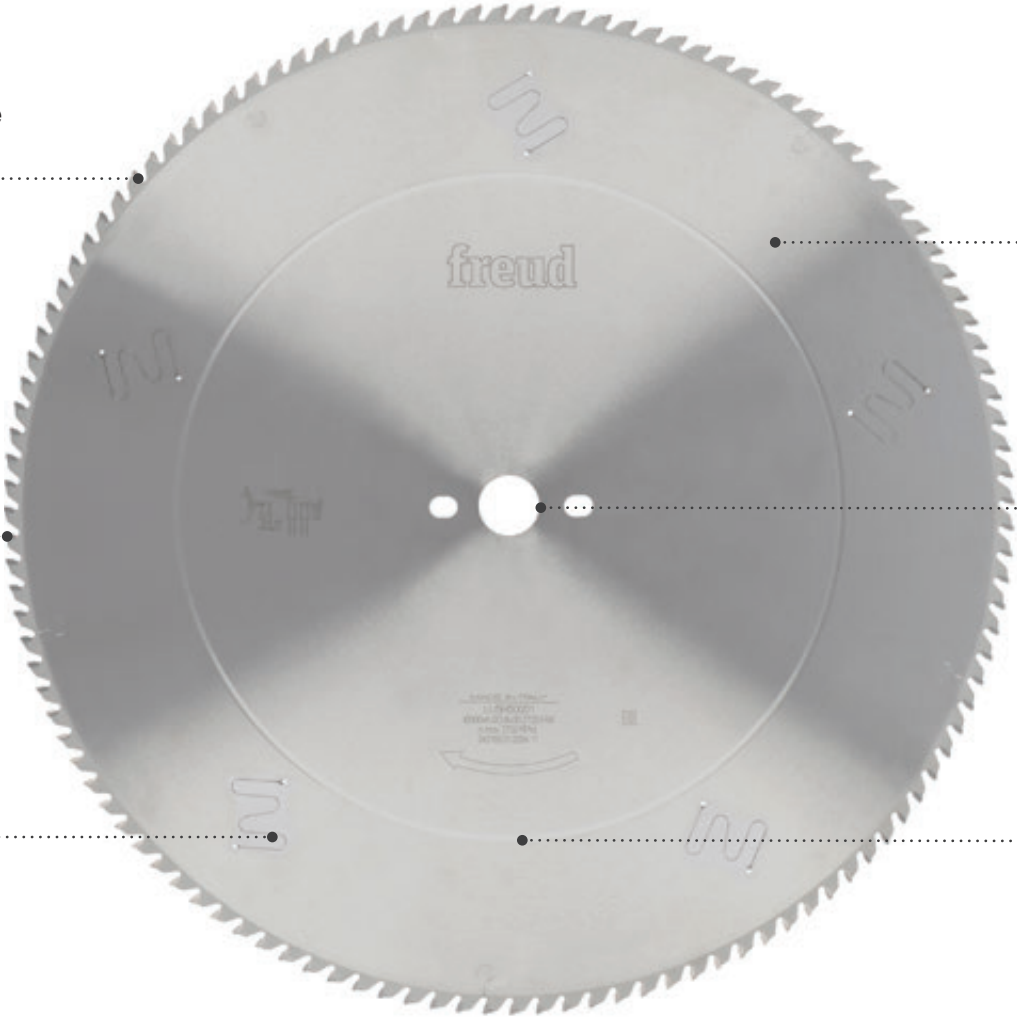
Superior body finishing and blade precision thanks to strict tolerances.



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



Reduced vibration thanks to thin laser slots.



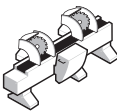


TiCo Carbide

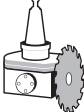
TiCo Carbide

- 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.

LU5H
Saw blades to cut non-ferrous metals and plastics



Single and Double Head Cutting Machines



CNC Cutting Units



Aluminium



PVC

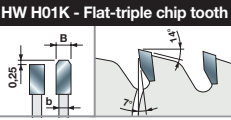


Copper and Brass



Plastics

● ● ● Ultimate ● ● High ● Good



D	B	b	d	Z	FT	Freud Code	Art. No.
mm	mm	mm	mm				
400	30	3,5	3,0	96	2/11/63 + 2/11/70	LU5H40001	F03FS12972
400	32	3,5	3,0	96	2/11/63 + 2/11/70	LU5H40002	F03FS12973
400	30	3,5	3,0	120	2/11/63 + 2/11/70	LU5H40003	F03FS12974
400	32	3,5	3,0	120	2/11/63 + 2/11/70	LU5H40004	F03FS12975
420	30	3,5	3,0	100	2/11/63 + 2/11/70	LU5H42001	F03FS12977
420	32	3,5	3,0	100	2/11/63 + 2/11/70	LU5H42002	F03FS12978
420	30	3,5	3,0	120	2/11/63 + 2/11/70	LU5H42003	F03FS12979
420	32	3,5	3,0	120	2/11/63 + 2/11/70	LU5H42004	F03FS12980
450	30	3,5	3,0	108	2/11/63 + 2/11/70	LU5H45001	F03FS12981
450	32	3,5	3,0	108	2/11/63 + 2/11/70	LU5H45002	F03FS12982
450	30	3,5	3,0	128	2/11/63 + 2/11/70	LU5H45003	F03FS12983
450	32	3,5	3,0	128	2/11/63 + 2/11/70	LU5H45004	F03FS12984
500	30	4,0	3,4	120	2/11/63 + 2/11/70	LU5H50001	F03FS12985
500	32	4,0	3,4	120	2/11/63 + 2/11/70	LU5H50002	F03FS12986
500	30	4,0	3,4	140	2/11/63 + 2/11/70	LU5H50003	F03FS12987
500	32	4,0	3,4	140	2/11/63 + 2/11/70	LU5H50004	F03FS12988
550	30	4,0	3,4	132	2/11/63 + 2/11/70	LU5H55001	F03FS12989
550	32	4,0	3,4	132	2/11/63 + 2/11/70	LU5H55002	F03FS12990
550	40	4,0	3,4	132	2/11/63 + 2/11/70	LU5H55003	F03FS12991
550	30	4,0	3,4	148	2/11/63 + 2/11/70	LU5H55004	F03FS12992
550	32	4,0	3,4	148	2/11/63 + 2/11/70	LU5H55005	F03FS12993
550	40	4,0	3,4	148	2/11/63 + 2/11/70	LU5H55006	F03FS12994
600	30	4,7	4,0	144	2/11/63 + 2/11/70	LU5H60001	F03FS12995
600	32	4,7	4,0	144	2/11/63 + 2/11/70	LU5H60002	F03FS12996
600	40	4,7	4,0	144	2/11/63 + 2/11/70	LU5H60003	F03FS12997
650	30	5,0	4,2	144	2/11/63 + 2/11/70	LU5H65001	F03FS12998
650	32	5,0	4,2	144	2/11/63 + 2/11/70	LU5H65002	F03FS12999
650	40	5,0	4,2	144	2/11/63 + 2/11/70 + 4/6,5/70	LU5H65003	F03FS13000
700	30	5,0	4,2	144	2/11/63 + 2/11/70	LU5H70001	F03FS13001