



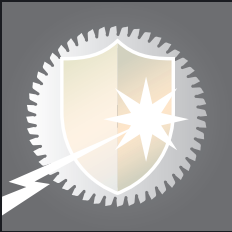
**NEW UPGRADED FEATURES FOR THE PERFECT CUT OF
ALUMINIUM AND PVC PROFILES**



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.



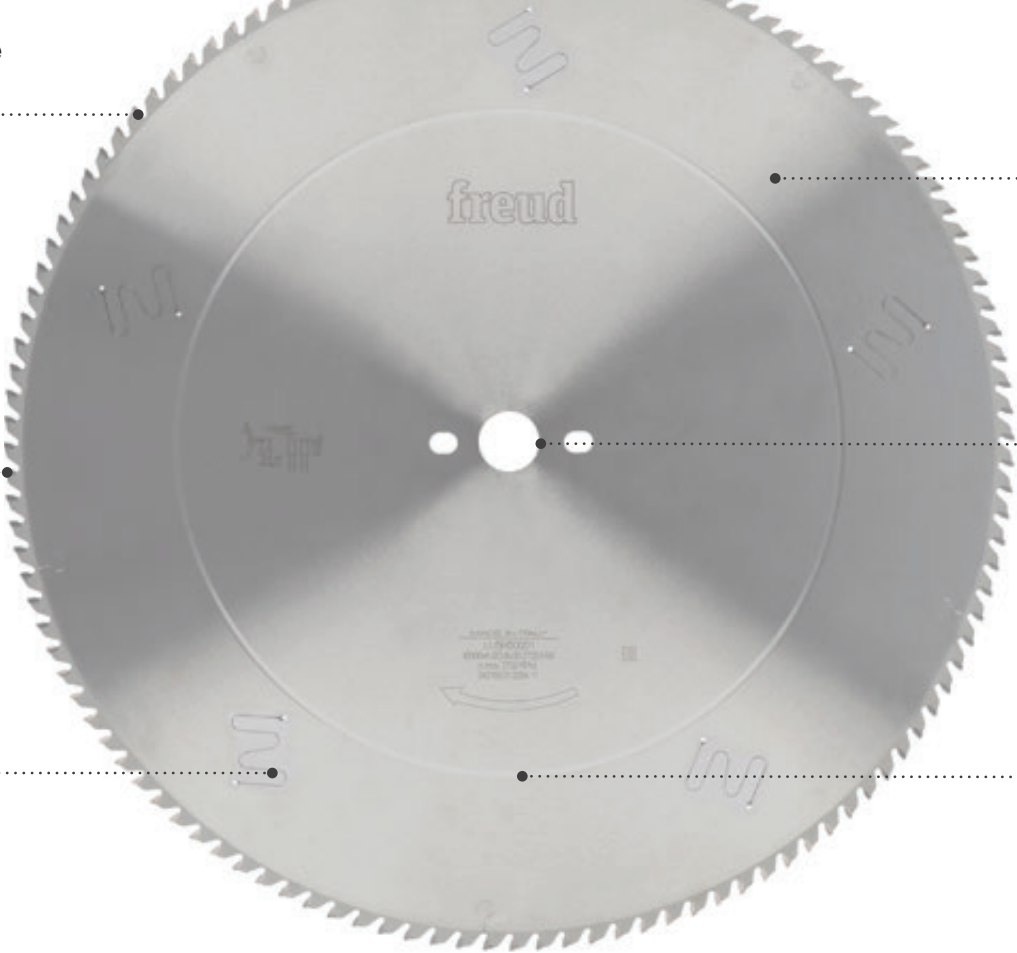
Superior body finishing and blade precision thanks to strict tolerances.




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



Reduced vibration thanks to thin laser slots.



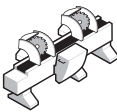


TiCo Carbide

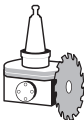
TiCo Carbide

- 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

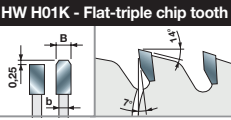


Copper and Brass



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 |