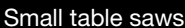
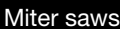
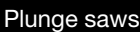
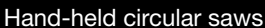
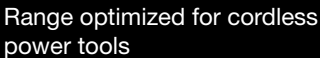
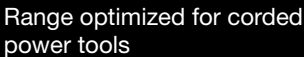


# freud

**Precisely  
the best**



**Circular saw blade range  
for portable machines**



## PRODUCT FEATURES

## WHY FREUD IS PRECISELY THE BEST!

### Reduction of vibration

Specially designed anti-vibration slots enable smooth running and minimize noise.

### Maximum durability

Freud special tri-metal shock resistant brazing alloy consists of copper wrapped between silver layers to withstand extreme impact.



### Long lifetime

Customized teeth made of extra durable and hard Carbide grains, from in-house development and production.



### FIBER CEMENT

### Maximum lifetime

Polycrystalline diamond teeth enable an extremely long lifetime in fiber cement applications.



### Reduction of friction and prevention of corrosion

This innovative coating technology provides superior protection and guarantees durable cutting performance.

### Clear user guidance

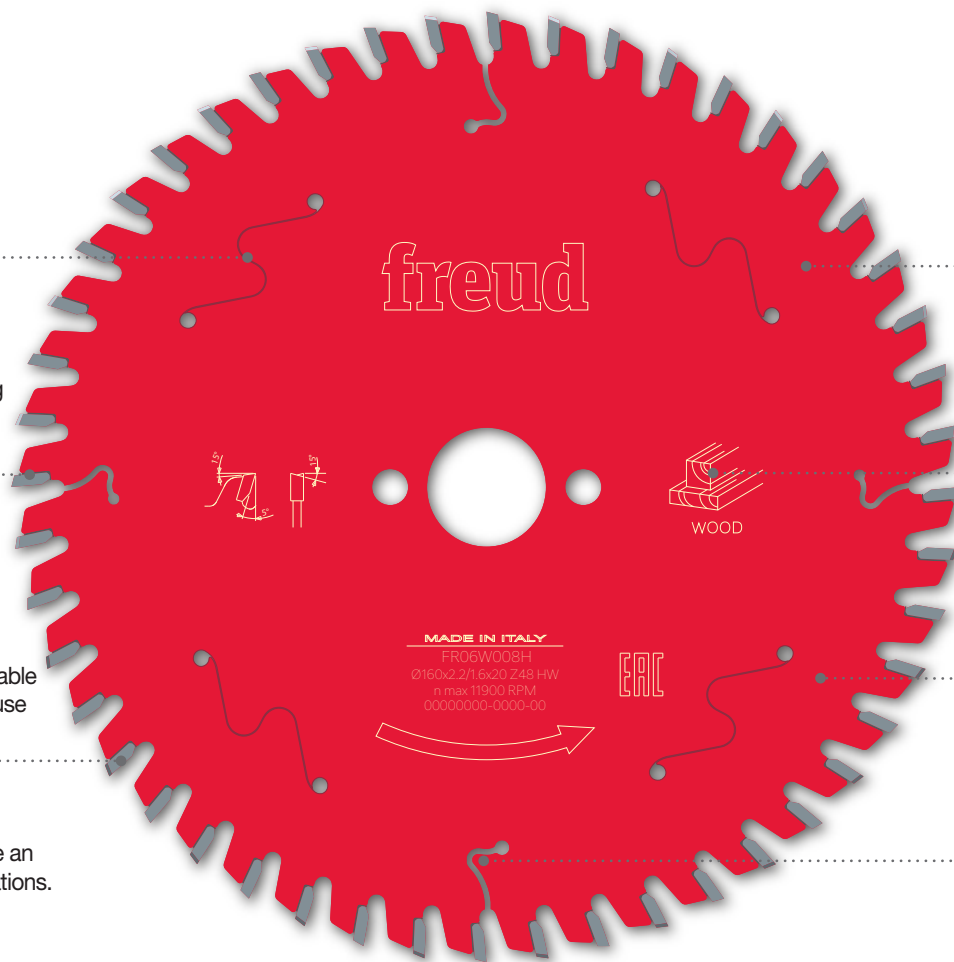
Application material laser-marked on each blade, for an easy and immediate user recognition.

### Precise cutting

The premium steel body (up to HRC 46) guarantees precision and high endurance.

### Highest blade stability and accuracy

Thanks to expansions slots and the special rolled-in tension ring (blades  $\geq 200$  mm).



### 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.



### Perma-SHIELD Coating

- A non-stick coating formulation that withstands the toughest applications.
- It provides thermal insulation, protects from corrosion and eliminates resin build-up, reducing downtime for cleaning.



  
**OPTIMIZED FOR**  
**CORDLESS**  
**POWER TOOLS**

## SPECIAL RANGE FOR CORDLESS POWER TOOLS

- Maximized battery runtime
- Optimized ease of cut

### AUTONOMÍA DE BATERÍA

Programa optimizado (sin cable)

Programa convencional  
(a cable)

### FACILIDAD DE CORTE

Programa optimizado (sin cable)

Programa convencional  
(a cable)

### VIDA UTIL DEL DISCO

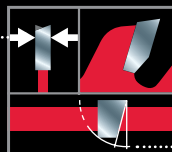
Programa optimizado (sin cable)

Programa convencional  
(a cable)

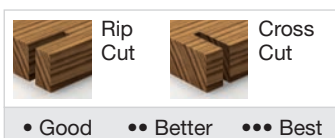


## OPTIMIZED TOOTH GEOMETRY

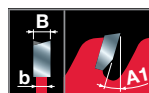
Extra  
thin-kerf  
tooth



E.g. by extra  
shear angle  
on tooth front



**For hand-held and  
plunge circular saws**



| D   | B   | b   | d  | Z  | Tooth<br>Shape | Hook<br>Angle | Rip cut<br>quality | Cross cut<br>quality | NL       | Freud Code       | Art. No.   |
|-----|-----|-----|----|----|----------------|---------------|--------------------|----------------------|----------|------------------|------------|
| mm  | mm  | mm  | mm |    | A1             |               |                    |                      |          |                  |            |
| 120 | 1,8 | 1,3 | 20 | 12 | ATB            | 15°           | •••                | •                    | -        | <b>FR02W001H</b> | F03FS09663 |
| 120 | 1,8 | 1,3 | 20 | 40 | ATB            | 5°            | •                  | •••                  | -        | <b>FR02W002H</b> | F03FS09664 |
| 130 | 2,4 | 1,6 | 20 | 24 | ATB            | 15°           | ••                 | ••                   | 2/6/32,5 | <b>FR03W001H</b> | F03FS09665 |
| 130 | 2,4 | 1,6 | 20 | 36 | ATB            | 5°            | •                  | •••                  | 2/6/32,5 | <b>FR03W002H</b> | F03FS09666 |
| 140 | 1,8 | 1,3 | 20 | 24 | ATB            | 15°           | •••                | •                    | 2/6/32,5 | <b>FR04W001H</b> | F03FS09667 |
| 140 | 1,8 | 1,3 | 20 | 36 | ATB            | 10°           | ••                 | ••                   | 2/6/32,5 | <b>FR04W002H</b> | F03FS09668 |
| 140 | 1,8 | 1,3 | 20 | 42 | ATB            | 5°            | •                  | •••                  | 2/6/32,5 | <b>FR04W003H</b> | F03FS09669 |
| 150 | 2,4 | 1,6 | 16 | 24 | ATB            | 15°           | •••                | •                    | 2/6/32,5 | <b>FR05W001H</b> | F03FS09670 |
| 150 | 2,4 | 1,6 | 20 | 24 | ATB            | 15°           | •••                | •                    | 2/6/32,5 | <b>FR05W002H</b> | F03FS09671 |



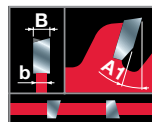
|  | D   | B   | b   | d     | Z  | Tooth Shape | Hook | Rip cut quality | Cross cut quality | NL       | Freud Code | Art. No.   |
|--|-----|-----|-----|-------|----|-------------|------|-----------------|-------------------|----------|------------|------------|
|  | mm  | mm  | mm  | mm    |    | A1          |      |                 |                   |          |            |            |
|  | 150 | 2,4 | 1,6 | 20    | 42 | ATB         | 5°   | •               | •••               | 2/6/32,5 | FR05W003H  | F03FS09672 |
|  | 160 | 2,4 | 1,6 | 16    | 24 | ATB         | 15°  | •••             | •                 | 2/6/32,5 | FR06W001H  | F03FS09673 |
|  | 160 | 2,4 | 1,6 | 16    | 48 | ATB         | 5°   | •               | •••               | 2/6/32,5 | FR06W002H  | F03FS09674 |
|  | 160 | 1,8 | 1,3 | 20    | 24 | ATB         | 15°  | •••             | •                 | 2/6/32,5 | FR06W003H  | F03FS09675 |
|  | 160 | 1,8 | 1,3 | 20    | 36 | ATB         | 10°  | ••              | ••                | 2/6/32,5 | FR06W004H  | F03FS09676 |
|  | 160 | 1,8 | 1,3 | 20    | 48 | ATB         | 5°   | •               | •••               | 2/6/32,5 | FR06W005H  | F03FS09677 |
|  | 160 | 2,2 | 1,6 | 20    | 24 | ATB         | 15°  | •••             | •                 | 2/6/32,5 | FR06W006H  | F03FS09678 |
|  | 160 | 2,2 | 1,6 | 20    | 36 | ATB         | 10°  | ••              | ••                | 2/6/32,5 | FR06W007H  | F03FS09679 |
|  | 160 | 2,2 | 1,6 | 20    | 48 | ATB         | 5°   | •               | •••               | 2/6/32,5 | FR06W008H  | F03FS09680 |
|  | 160 | 2,4 | 1,6 | 20    | 24 | ATB         | 15°  | •••             | •                 | 2/6/32,5 | FR06W009H  | F03FS09681 |
|  | 160 | 2,4 | 1,6 | 20    | 36 | ATB         | 10°  | ••              | ••                | 2/6/32,5 | FR06W010H  | F03FS09682 |
|  | 160 | 2,4 | 1,6 | 20    | 48 | ATB         | 5°   | •               | •••               | 2/6/32,5 | FR06W011H  | F03FS09683 |
|  | 160 | 2,4 | 1,6 | 30    | 24 | ATB         | 15°  | •••             | •                 | 2/6/42   | FR06W012H  | F03FS09684 |
|  | 160 | 2,4 | 1,6 | 30    | 48 | ATB         | 5°   | •               | •••               | 2/6/42   | FR06W013H  | F03FS09685 |
|  | 165 | 1,7 | 1,3 | 20    | 12 | ATB         | 20°  | •••             | •                 | -        | FR07W009H  | F03FS10040 |
|  | 165 | 1,7 | 1,3 | 20    | 24 | ATB         | 15°  | •••             | •                 | -        | FR07W001H  | F03FS09686 |
|  | 165 | 1,7 | 1,3 | 20    | 40 | ATB         | 18°  | •               | •••               | -        | FR07W002H  | F03FS09687 |
|  | 165 | 2,4 | 1,6 | 20    | 24 | ATB         | 15°  | •••             | •                 | 2/6/32,5 | FR07W003H  | F03FS09688 |
|  | 165 | 2,4 | 1,6 | 20    | 36 | ATB         | 10°  | ••              | ••                | 2/6/32,5 | FR07W004H  | F03FS09689 |
|  | 165 | 2,4 | 1,6 | 20    | 48 | ATB         | 5°   | •               | •••               | 2/6/32,5 | FR07W005H  | F03FS09690 |
|  | 165 | 2,4 | 1,6 | 30    | 24 | ATB         | 15°  | •••             | •                 | 2/7/42   | FR07W006H  | F03FS09691 |
|  | 165 | 2,4 | 1,6 | 30    | 36 | ATB         | 10°  | ••              | ••                | 2/7/42   | FR07W007H  | F03FS09692 |
|  | 165 | 2,4 | 1,6 | 30    | 48 | ATB         | 5°   | •               | •••               | 2/7/42   | FR07W008H  | F03FS09693 |
|  | 170 | 2,4 | 1,6 | 30    | 40 | ATB         | 10°  | ••              | ••                | 2/7/42   | FR08W002H  | F03FS09695 |
|  | 180 | 2,4 | 1,6 | 20    | 24 | ATB         | 15°  | •••             | •                 | 2/6/32,5 | FR09W001H  | F03FS09696 |
|  | 180 | 2,4 | 1,6 | 20    | 48 | ATB         | 5°   | •               | •••               | 2/6/32,5 | FR09W002H  | F03FS09697 |
|  | 180 | 2,4 | 1,6 | 30    | 24 | ATB         | 15°  | •••             | •                 | 2/7/42   | FR09W003H  | F03FS09698 |
|  | 180 | 2,4 | 1,6 | 30    | 48 | ATB         | 5°   | •               | •••               | 2/7/42   | FR09W004H  | F03FS09699 |
|  | 182 | 1,7 | 1,3 | 19,05 | 30 | ATB         | 15°  | •••             | •                 | -        | FR10W001H  | F03FS09700 |
|  | 182 | 1,7 | 1,3 | 19,05 | 40 | ATB         | 15°  | ••              | ••                | -        | FR10W002H  | F03FS09701 |
|  | 182 | 1,7 | 1,3 | 19,05 | 60 | ATB         | 15°  | •               | •••               | -        | FR10W003H  | F03FS09702 |
|  | 184 | 2,4 | 1,6 | 16    | 24 | ATB         | 15°  | •••             | •                 | 2/6/32,5 | FR11W001H  | F03FS09703 |
|  | 184 | 2,4 | 1,6 | 16    | 40 | ATB         | 10°  | ••              | ••                | 2/6/32,5 | FR11W002H  | F03FS09704 |
|  | 184 | 2,4 | 1,6 | 30    | 24 | ATB         | 15°  | •••             | •                 | 2/7/42   | FR11W007H  | F03FS09709 |
|  | 190 | 2,4 | 1,6 | 16    | 24 | ATB         | 15°  | •••             | •                 | 2/6/32,5 | FR13W001H  | F03FS09712 |
|  | 190 | 2,4 | 1,6 | 16    | 48 | ATB         | 10°  | •               | •••               | 2/6/32,5 | FR13W002H  | F03FS09713 |
|  | 190 | 2,4 | 1,6 | 20    | 24 | ATB         | 15°  | •••             | •                 | 2/6/32,5 | FR13W003H  | F03FS09714 |
|  | 190 | 2,4 | 1,6 | 20    | 48 | ATB         | 10°  | •               | •••               | 2/6/32,5 | FR13W004H  | F03FS09715 |
|  | 190 | 2,4 | 1,6 | 20    | 56 | ATB         | 5°   | •               | •••               | 2/6/32,5 | FR13W005H  | F03FS09716 |
|  | 190 | 2,4 | 1,6 | 30    | 24 | ATB         | 15°  | •••             | •                 | 2/7/42   | FR13W006H  | F03FS09717 |
|  | 190 | 2,4 | 1,6 | 30    | 40 | ATB         | 10°  | ••              | ••                | 2/7/42   | FR13W007H  | F03FS09718 |
|  | 190 | 2,4 | 1,6 | 30    | 48 | ATB         | 10°  | •               | •••               | 2/7/42   | FR13W008H  | F03FS09719 |
|  | 190 | 2,4 | 1,6 | 30    | 56 | ATB         | 5°   | •               | •••               | 2/7/42   | FR13W009H  | F03FS09720 |
|  | 200 | 2,4 | 1,6 | 30    | 24 | ATB         | 15°  | •••             | •                 | 2/7/42   | FR14W001H  | F03FS09721 |
|  | 200 | 2,4 | 1,6 | 30    | 48 | ATB         | 10°  | •               | •••               | 2/7/42   | FR14W002H  | F03FS09722 |
|  | 210 | 2,4 | 1,8 | 30    | 24 | ATB         | 15°  | •••             | •                 | 2/7/42   | FR15W003H  | F03FS09725 |
|  | 210 | 2,4 | 1,8 | 30    | 40 | ATB         | 15°  | ••              | ••                | 2/7/42   | FR15W001H  | F03FS09723 |

| D   | B   | b   | d  | Z  | Tooth Shape | Hook | Rip cut quality | Cross cut quality | NL     | Freud Code | Art. No.   |
|-----|-----|-----|----|----|-------------|------|-----------------|-------------------|--------|------------|------------|
| mm  | mm  | mm  | mm |    | A1          |      |                 |                   |        |            |            |
| 210 | 2,4 | 1,8 | 30 | 48 | ATB         | 10°  | •               | •••               | 2/7/42 | FR15W004H  | F03FS09726 |
| 210 | 2,4 | 1,8 | 30 | 56 | ATB         | 5°   | •               | •••               | 2/7/42 | FR15W002H  | F03FS09724 |
| 230 | 2,8 | 1,8 | 30 | 24 | ATB         | 15°  | •••             | •                 | 2/6/42 | FR19W001H  | F03FS09728 |
| 230 | 2,8 | 1,8 | 30 | 36 | ATB         | 15°  | ••              | ••                | 2/7/42 | FR19W002H  | F03FS09729 |
| 230 | 2,8 | 1,8 | 30 | 48 | ATB         | 15°  | ••              | ••                | 2/7/42 | FR19W003H  | F03FS09730 |
| 235 | 2,8 | 1,8 | 30 | 24 | ATB         | 15°  | •••             | •                 | 2/6/42 | FR20W003H  | F03FS09733 |
| 235 | 2,8 | 1,8 | 30 | 36 | ATB         | 15°  | ••              | ••                | 2/7/42 | FR20W004H  | F03FS09734 |
| 235 | 2,8 | 1,8 | 30 | 48 | ATB         | 15°  | ••              | ••                | 2/7/42 | FR20W005H  | F03FS09735 |
| 235 | 2,8 | 1,8 | 30 | 56 | ATB         | 10°  | •               | •••               | 2/7/42 | FR20W006H  | F03FS09736 |
| 237 | 2,5 | 1,8 | 30 | 24 | ATB         | 15°  | •••             | •                 | 2/7/42 | FR21W001H  | F03FS09737 |
| 237 | 2,5 | 1,8 | 30 | 56 | ATB         | 10°  | •               | •••               | 2/7/42 | FR21W002H  | F03FS09738 |
| 240 | 2,8 | 1,8 | 30 | 48 | ATB         | 15°  | ••              | ••                | 2/7/42 | FR22W001H  | F03FS09739 |
| 270 | 2,8 | 1,8 | 30 | 60 | ATB         | 10°  | ••              | ••                | FT121  | FR27W001H  | F03FS09740 |
| 350 | 3,5 | 2,2 | 30 | 24 | ATB         | 20°  | •••             | •                 | 2/7/42 | FR32W001H  | F03FS09742 |
| 355 | 3,0 | 2,2 | 30 | 60 | ATB         | 15°  | •••             | •                 | FT121  | FR33W001H  | F03FS09743 |

FT121: 2/7/42 + 2/9/46 + 2/9,5/46,5 + 2/10/60



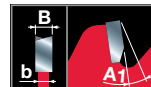
For cordless hand-held  
and plunge circular saws



| D   | B   | b   | d     | Z  | Tooth Shape | Hook | Rip cut quality | Cross cut quality | NL       | Freud Code | Art. No.   |
|-----|-----|-----|-------|----|-------------|------|-----------------|-------------------|----------|------------|------------|
| mm  | mm  | mm  | mm    |    | A1          |      |                 |                   |          |            |            |
| 120 | 1,7 | 1,2 | 20    | 24 | ATB         | 20°  | ••              | ••                | -        | FR02W003HC | F03FS10043 |
| 136 | 1,5 | 1,0 | 20    | 24 | ATB         | 20°  | ••              | ••                | -        | FR03W003HC | F03FS10044 |
| 140 | 1,8 | 1,3 | 20    | 24 | ATB         | 15°  | •••             | •                 | -        | FR04W004HC | F03FS10045 |
| 140 | 1,8 | 1,3 | 20    | 42 | ATB         | 5°   | •               | •••               | -        | FR04W005HC | F03FS10046 |
| 160 | 1,5 | 1,0 | 20    | 24 | ATB         | 25°  | •••             | •                 | -        | FR05W015HC | F03FS10048 |
| 160 | 1,5 | 1,0 | 20    | 36 | ATB         | 15°  | ••              | ••                | -        | FR05W016HC | F03FS10049 |
| 160 | 1,5 | 1,0 | 20    | 48 | ATB         | 10°  | •               | •••               | -        | FR05W017HC | F03FS10050 |
| 160 | 1,8 | 1,3 | 20    | 24 | ATB         | 15°  | •••             | •                 | 2/6/32,5 | FR06W003H  | F03FS09675 |
| 160 | 1,8 | 1,3 | 20    | 36 | ATB         | 10°  | ••              | ••                | 2/6/32,5 | FR06W004H  | F03FS09676 |
| 160 | 1,8 | 1,3 | 20    | 48 | ATB         | 5°   | •               | •••               | 2/6/32,5 | FR06W005H  | F03FS09677 |
| 160 | 2,2 | 1,6 | 20    | 24 | ATB         | 15°  | •••             | •                 | 2/6/32,5 | FR06W006H  | F03FS09678 |
| 160 | 2,2 | 1,6 | 20    | 36 | ATB         | 10°  | ••              | ••                | 2/6/32,5 | FR06W007H  | F03FS09679 |
| 160 | 2,2 | 1,6 | 20    | 48 | ATB         | 5°   | •               | •••               | 2/6/32,5 | FR06W008H  | F03FS09680 |
| 165 | 1,5 | 1,0 | 20    | 12 | ATB         | 25°  | •••             | •                 | -        | FR07W009HC | F03FS10051 |
| 165 | 1,5 | 1,0 | 20    | 24 | ATB         | 25°  | •••             | •                 | -        | FR07W010HC | F03FS10052 |
| 165 | 1,5 | 1,0 | 20    | 36 | ATB         | 15°  | ••              | ••                | -        | FR07W011HC | F03FS10053 |
| 165 | 1,5 | 1,0 | 20    | 48 | ATB         | 10°  | •               | •••               | -        | FR07W012HC | F03FS10054 |
| 165 | 1,7 | 1,3 | 20    | 12 | ATB         | 20°  | •••             | •                 | -        | FR07W009H  | F03FS10040 |
| 165 | 1,7 | 1,3 | 20    | 24 | ATB         | 15°  | •••             | •                 | -        | FR07W001H  | F03FS09686 |
| 165 | 1,7 | 1,3 | 20    | 40 | ATB         | 18°  | •               | •••               | -        | FR07W002H  | F03FS09687 |
| 182 | 1,7 | 1,3 | 19,05 | 30 | ATB         | 15°  | •••             | •                 | -        | FR10W001H  | F03FS09700 |

| D   | B   | b   | d     | Z  | Tooth Shape | Hook | Rip cut quality | Cross cut quality | NL | Freud Code | Art. No.   |
|-----|-----|-----|-------|----|-------------|------|-----------------|-------------------|----|------------|------------|
| mm  | mm  | mm  | mm    |    |             | A1   |                 |                   |    |            |            |
| 182 | 1,7 | 1,3 | 19,05 | 40 | ATB         | 15°  | ••              | ••                | -  | FR10W002H  | F03FS09701 |
| 182 | 1,7 | 1,3 | 19,05 | 60 | ATB         | 15°  | •               | •••               | -  | FR10W003H  | F03FS09702 |
| 184 | 1,6 | 1,0 | 20    | 24 | ATB         | 25°  | •••             | •                 | -  | FR11W010HC | F03FS10055 |
| 184 | 1,6 | 1,0 | 20    | 48 | ATB         | 10°  | •               | •••               | -  | FR11W011HC | F03FS10056 |
| 190 | 1,5 | 1,0 | 30    | 18 | ATB         | 25°  | •••             | •                 | -  | FR13W010HC | F03FS10057 |
| 190 | 1,5 | 1,0 | 30    | 24 | ATB         | 25°  | •••             | •                 | -  | FR13W011HC | F03FS10058 |
| 190 | 1,5 | 1,0 | 30    | 48 | ATB         | 15°  | ••              | ••                | -  | FR13W012HC | F03FS10059 |
| 190 | 1,5 | 1,0 | 30    | 60 | ATB         | 10°  | •               | •••               | -  | FR13W013HC | F03FS10060 |

## For miter saws

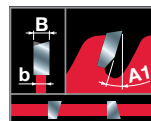


| D   | B   | b   | d    | Z  | Tooth Shape | Hook | NL     | Freud Code | Art. No.   |
|-----|-----|-----|------|----|-------------|------|--------|------------|------------|
| mm  | mm  | mm  | mm   |    |             | A1   |        |            |            |
| 210 | 2,4 | 1,8 | 30   | 48 | ATB         | -5°  | 2/7/42 | FR15W001M  | F03FS09747 |
| 216 | 2,4 | 1,8 | 25,4 | 48 | ATB         | -5°  | 2/6/42 | FR16W004M  | F03FS09751 |
| 216 | 2,4 | 1,8 | 25,4 | 64 | ATB         | -5°  | 2/6/42 | FR16W005M  | F03FS09752 |
| 216 | 2,4 | 1,8 | 30   | 24 | ATB         | -5°  | 2/6/42 | FR16W001M  | F03FS09748 |
| 216 | 2,4 | 1,8 | 30   | 40 | ATB         | -5°  | 2/7/42 | FR16W002M  | F03FS09749 |
| 216 | 2,4 | 1,8 | 30   | 48 | ATB         | -5°  | 2/7/42 | FR16W003M  | F03FS09750 |
| 250 | 2,4 | 1,8 | 30   | 40 | ATB         | -5°  | FT121  | FR23W001M  | F03FS09753 |
| 250 | 2,4 | 1,8 | 30   | 60 | ATB         | -5°  | FT121  | FR23W002M  | F03FS09754 |
| 254 | 2,4 | 1,8 | 30   | 60 | ATB         | -5°  | FT121  | FR24W001M  | F03FS09755 |
| 260 | 2,4 | 1,8 | 30   | 60 | ATB         | -5°  | FT121  | FR26W001M  | F03FS09760 |
| 300 | 2,4 | 1,8 | 30   | 72 | ATB         | -5°  | FT121  | FR28W001M  | F03FS09761 |
| 305 | 2,4 | 1,8 | 30   | 48 | ATB         | -5°  | -      | FR29W001M  | F03FS09762 |
| 305 | 2,4 | 1,8 | 30   | 72 | ATB         | -5°  | FT121  | FR29W002M  | F03FS09763 |
| 315 | 2,4 | 1,8 | 30   | 72 | ATB         | -5°  | FT121  | FR30W001M  | F03FS09766 |

FT121: 2/7/42 + 2/9/46 + 2/9,5/46,5 + 2/10/60



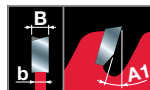
## For cordless miter saws



| D   | B   | b   | d  | Z  | Tooth Shape | Hook | NL | Freud Code | Art. No.   |
|-----|-----|-----|----|----|-------------|------|----|------------|------------|
| mm  | mm  | mm  | mm |    |             | A1   |    |            |            |
| 216 | 1,7 | 1,2 | 30 | 24 | ATB         | 5°   | -  | FR16W006MC | F03FS10061 |
| 216 | 1,7 | 1,2 | 30 | 48 | ATB         | 5°   | -  | FR16W007MC | F03FS10062 |
| 250 | 2,1 | 1,6 | 30 | 24 | ATB         | 5°   | -  | FR23W003MC | F03FS10063 |
| 250 | 2,1 | 1,6 | 30 | 48 | ATB         | 5°   | -  | FR23W004MC | F03FS10064 |
| 305 | 2,2 | 1,6 | 30 | 42 | ATB         | 5°   | -  | FR29W004MC | F03FS10065 |
| 305 | 2,2 | 1,6 | 30 | 60 | ATB         | 5°   | -  | FR29W005MC | F03FS10066 |
| 305 | 2,2 | 1,6 | 30 | 96 | ATB         | 5°   | -  | FR29W006MC | F03FS10067 |



## For small table saws

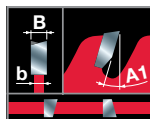


| D   | B   | b   | d    | Z   | Tooth Shape | Hook | Rip cut quality | Cross cut quality | NL      | Freud Code | Art. No.   |
|-----|-----|-----|------|-----|-------------|------|-----------------|-------------------|---------|------------|------------|
| mm  | mm  | mm  | mm   |     |             | A1   |                 |                   |         |            |            |
| 190 | 2,0 | 1,3 | 30   | 24  | ATB         | 15°  | ...             | •                 | 2/7/42  | FR13W001T  | F03FS09767 |
| 190 | 2,0 | 1,3 | 30   | 48  | ATB         | 5°   | •               | ...               | 2/7/42  | FR13W002T  | F03FS09768 |
| 190 | 2,4 | 1,6 | Star | 24  | ATB         | 15°  | ...             | •                 | -       | FR13W003T  | F03FS09769 |
| 190 | 2,4 | 1,6 | Star | 48  | ATB         | 5°   | •               | ...               | -       | FR13W004T  | F03FS09770 |
| 220 | 2,6 | 1,6 | 30   | 48  | ATB         | 10°  | ••              | ••                | 2/7/42  | FR17W001T  | F03FS09771 |
| 225 | 2,6 | 1,6 | 30   | 32  | ATB         | 15°  | ...             | •                 | 2/7/42  | FR18W001T  | F03FS09772 |
| 225 | 2,6 | 1,6 | 30   | 48  | ATB         | 10°  | ••              | ••                | 2/7/42  | FR18W002T  | F03FS09773 |
| 250 | 2,8 | 1,8 | 30   | 24  | ATB         | 20°  | ...             | •                 | 2/6/42  | FR23W001T  | F03FS09774 |
| 250 | 2,8 | 1,8 | 30   | 40  | ATB         | 15°  | ...             | •                 | 2/6/42  | FR23W002T  | F03FS09775 |
| 250 | 2,8 | 1,8 | 30   | 60  | ATB         | 10°  | ••              | ••                | 2/6/42  | FR23W003T  | F03FS09776 |
| 250 | 2,8 | 1,8 | 30   | 80  | ATB         | 5°   | •               | ...               | FT121   | FR23W004T  | F03FS09777 |
| 254 | 2,6 | 1,8 | 30   | 24  | ATB         | 20°  | ...             | •                 | 2/6/42  | FR24W001T  | F03FS09778 |
| 254 | 2,6 | 1,8 | 30   | 40  | ATB         | 15°  | ...             | •                 | 2/6/42  | FR24W002T  | F03FS09779 |
| 254 | 2,6 | 1,8 | 30   | 60  | ATB         | 10°  | ••              | ••                | FT121   | FR24W003T  | F03FS09780 |
| 254 | 2,6 | 1,8 | 30   | 80  | ATB         | 5°   | •               | ...               | FT121   | FR24W004T  | F03FS09781 |
| 255 | 2,8 | 1,8 | 25,4 | 40  | ATB         | 15°  | ...             | •                 | -       | FR25W002T  | F03FS10134 |
| 255 | 2,8 | 1,8 | 25,4 | 60  | ATB         | 15°  | ••              | ••                | -       | FR25W003T  | F03FS10135 |
| 255 | 2,8 | 1,8 | 25,4 | 80  | ATB         | 15°  | •               | ...               | -       | FR25W004T  | F03FS10136 |
| 260 | 2,6 | 1,8 | 30   | 60  | ATB         | 10°  | ••              | ••                | -       | FR26W001T  | F03FS09782 |
| 260 | 2,6 | 1,8 | 30   | 80  | ATB         | 5°   | •               | ...               | FT121   | FR26W002T  | F03FS09783 |
| 300 | 2,5 | 1,8 | 30   | 48  | ATB         | 15°  | ...             | •                 | 2/10/60 | FR28W001T  | F03FS09784 |
| 300 | 2,5 | 1,8 | 30   | 72  | ATB         | 10°  | ••              | ••                | 2/10/60 | FR28W002T  | F03FS09785 |
| 300 | 2,5 | 1,8 | 30   | 100 | ATB         | 5°   | •               | ...               | FT121   | FR28W003T  | F03FS09786 |
| 305 | 2,8 | 1,8 | 25,4 | 96  | ATB         | 15°  | •               | ...               | -       | FR29W002T  | F03FS10138 |
| 305 | 2,8 | 1,8 | 30   | 100 | ATB         | 5°   | •               | ...               | 2/10/60 | FR29W001T  | F03FS09787 |
| 355 | 3,0 | 2,2 | 25,4 | 108 | ATB         | 15°  | •               | ...               | -       | FR33W001T  | F03FS10137 |

FT121: 2/7/42 + 2/9/46 + 2/9,5/46,5 + 2/10/60



## For cordless small table saws



| D   | B   | b   | d  | Z  | Tooth Shape | Hook | Rip cut quality | Cross cut quality | NL | Freud Code | Art. No.   |
|-----|-----|-----|----|----|-------------|------|-----------------|-------------------|----|------------|------------|
| mm  | mm  | mm  | mm |    |             | A1   |                 |                   |    |            |            |
| 210 | 2,0 | 1,4 | 30 | 24 | ATB         | 25°  | ...             | •                 | -  | FR15W001TC | F03FS10068 |
| 210 | 2,0 | 1,4 | 30 | 48 | ATB         | 15°  | •               | ...               | -  | FR15W002TC | F03FS10069 |
| 216 | 2,0 | 1,4 | 30 | 24 | ATB         | 25°  | ...             | •                 | -  | FR16W001TC | F03FS10070 |
| 216 | 2,0 | 1,4 | 30 | 48 | ATB         | 15°  | •               | ...               | -  | FR16W002TC | F03FS10071 |
| 254 | 2,1 | 1,6 | 30 | 24 | ATB         | 25°  | ...             | •                 | -  | FR24W005TC | F03FS10072 |
| 254 | 2,1 | 1,6 | 30 | 40 | ATB         | 20°  | ••              | ••                | -  | FR24W006TC | F03FS10073 |
| 254 | 2,1 | 1,6 | 30 | 60 | ATB         | 15°  | •               | ...               | -  | FR24W007TC | F03FS10074 |

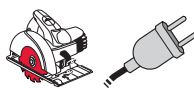


CONSTRUCT  
WOOD



Nail resistant

For hand-held circular saws



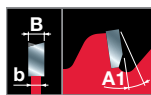
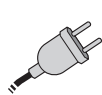
| D   | B   | b   | d  | Z  | Tooth Shape | Hook | NL       | Freud Code       | Art. No.   |
|-----|-----|-----|----|----|-------------|------|----------|------------------|------------|
| mm  | mm  | mm  | mm |    | A1          |      |          |                  |            |
| 160 | 2,0 | 1,3 | 20 | 14 | ATB         | 18°  | 2/6/32,5 | <b>FR06C001H</b> | F03FS09788 |
| 165 | 2,0 | 1,3 | 20 | 14 | ATB         | 18°  | 2/6/32,5 | <b>FR07C001H</b> | F03FS09789 |
| 180 | 2,0 | 1,3 | 30 | 14 | ATB         | 18°  | 2/6/42   | <b>FR09C001H</b> | F03FS09790 |
| 184 | 2,0 | 1,3 | 16 | 14 | ATB         | 18°  | 2/6/32,5 | <b>FR11C001H</b> | F03FS09791 |
| 190 | 2,0 | 1,3 | 30 | 14 | ATB         | 18°  | 2/7/42   | <b>FR13C001H</b> | F03FS09792 |
| 200 | 2,0 | 1,3 | 30 | 16 | ATB         | 18°  | 2/7/42   | <b>FR14C001H</b> | F03FS09793 |
| 210 | 2,0 | 1,3 | 30 | 16 | ATB         | 18°  | 2/7/42   | <b>FR15C001H</b> | F03FS09794 |
| 230 | 2,2 | 1,6 | 30 | 20 | ATB         | 18°  | 2/7/42   | <b>FR19C001H</b> | F03FS09795 |
| 235 | 2,2 | 1,6 | 30 | 20 | ATB         | 18°  | 2/7/42   | <b>FR20C001H</b> | F03FS09796 |



## LAMINATED PANEL



For hand-held and  
plunge circular saws



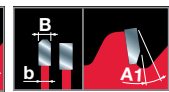
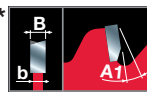
|  | D   | B   | b   | d  | Z  | Tooth<br>Shape | Hook | NL       | Freud Code       | Art. No.   |
|--|-----|-----|-----|----|----|----------------|------|----------|------------------|------------|
|  | mm  | mm  | mm  | mm |    |                | A1   |          |                  |            |
|  | 140 | 1,8 | 1,3 | 20 | 42 | ATB            | -5°  | 2/6/32,5 | <b>FR04L001H</b> | F03FS09797 |
|  | 160 | 2,2 | 1,6 | 20 | 48 | ATB            | -5°  | 2/6/32,5 | <b>FR06L001H</b> | F03FS09798 |
|  | 160 | 2,2 | 1,6 | 20 | 48 | HLTCG*         | -5°  | -        | <b>FR06L002H</b> | F03FS09799 |
|  | 165 | 2,6 | 1,6 | 20 | 48 | ATB            | -5°  | 2/6/32,5 | <b>FR07L001H</b> | F03FS09800 |
|  | 185 | 2,4 | 1,6 | 20 | 60 | ATB            | -5°  | -        | <b>FR12L001H</b> | F03FS09801 |
|  | 190 | 2,6 | 1,6 | 30 | 60 | ATB            | -5°  | 2/7/42   | <b>FR13L001H</b> | F03FS09802 |



## For cordless hand-held and plunge circular saws

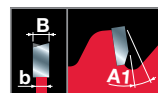


\*



| D   | B   | b   | d  | Z  | Tooth Shape | Hook | NL       | Freud Code        | Art. No.   |
|-----|-----|-----|----|----|-------------|------|----------|-------------------|------------|
| mm  | mm  | mm  | mm |    |             | A1   |          |                   |            |
| 140 | 1,8 | 1,3 | 20 | 42 | ATB         | -5°  | 2/6/32,5 | <b>FR04L001H</b>  | F03FS09797 |
| 160 | 1,8 | 1,2 | 20 | 48 | ATB         | -5°  | -        | <b>FR06L003HC</b> | F03FS10075 |
| 160 | 2,2 | 1,6 | 20 | 48 | ATB         | -5°  | 2/6/32,5 | <b>FR06L001H</b>  | F03FS09798 |
| 160 | 2,2 | 1,6 | 20 | 48 | HLTCG*      | -5°  | -        | <b>FR06L002H</b>  | F03FS09799 |
| 165 | 1,8 | 1,2 | 20 | 48 | ATB         | -5°  | -        | <b>FR07L002HC</b> | F03FS10076 |
| 190 | 2,1 | 1,4 | 30 | 60 | ATB         | -5°  | -        | <b>FR13L002HC</b> | F03FS10077 |

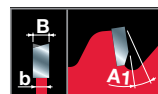
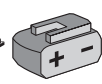
## For small table saws



| D   | B   | b   | d  | Z  | Tooth Shape | Hook | NL | Freud Code       | Art. No.   |
|-----|-----|-----|----|----|-------------|------|----|------------------|------------|
| mm  | mm  | mm  | mm |    |             | A1   |    |                  |            |
| 200 | 2,5 | 1,8 | 30 | 64 | ATB         | -2°  | -  | <b>FR14L001T</b> | F03FS09803 |
| 250 | 2,8 | 1,8 | 30 | 80 | ATB         | -2°  | -  | <b>FR23L001T</b> | F03FS09804 |
| 300 | 2,8 | 1,8 | 30 | 96 | ATB         | -2°  | -  | <b>FR28L001T</b> | F03FS09805 |



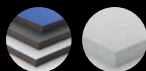
## For cordless small table saws



| D   | B   | b   | d  | Z  | Tooth Shape | Hook | NL | Freud Code        | Art. No.   |
|-----|-----|-----|----|----|-------------|------|----|-------------------|------------|
| mm  | mm  | mm  | mm |    |             | A1   |    |                   |            |
| 210 | 2,1 | 1,4 | 30 | 66 | ATB         | -5°  | -  | <b>FR15L001TC</b> | F03FS10078 |
| 216 | 2,1 | 1,4 | 30 | 66 | ATB         | -5°  | -  | <b>FR16L001TC</b> | F03FS10079 |



HPL



For hand-held and  
plunge circular saws



|                                                                                     | D   | B   | b   | d  | Z  | Tooth<br>Shape | Hook | NL       | Freud Code       | Art. No.   |
|-------------------------------------------------------------------------------------|-----|-----|-----|----|----|----------------|------|----------|------------------|------------|
|                                                                                     | mm  | mm  | mm  | mm |    |                | A1   |          |                  |            |
|  | 140 | 1,8 | 1,3 | 20 | 42 | HLTCG          | 0°   | 2/6/32,5 | <b>FR04H001H</b> | F03FS09864 |
|  | 160 | 2,2 | 1,6 | 20 | 48 | HLTCG          | 0°   | 2/6/32,5 | <b>FR06H001H</b> | F03FS09865 |
|                                                                                     | 165 | 2,6 | 1,6 | 20 | 48 | HLTCG          | 0°   | 2/6/32,5 | <b>FR07H001H</b> | F03FS09866 |
|                                                                                     | 190 | 2,6 | 1,6 | 20 | 56 | HLTCG          | 0°   | 2/6/32,5 | <b>FR13H001H</b> | F03FS09867 |
|                                                                                     | 190 | 2,6 | 1,6 | 30 | 56 | HLTCG          | 0°   | 2/7/42   | <b>FR13H002H</b> | F03FS09868 |
|                                                                                     | 210 | 2,8 | 1,8 | 30 | 60 | HLTCG          | 0°   | 2/7/42   | <b>FR15H001H</b> | F03FS09869 |
|                                                                                     | 235 | 2,8 | 1,8 | 30 | 64 | HLTCG          | 0°   | 2/7/42   | <b>FR20H001H</b> | F03FS09871 |

## For miter saws



| D   | B   | b   | d  | Z  | Tooth Shape | Hook | NL     | Freud Code       | Art. No.   |
|-----|-----|-----|----|----|-------------|------|--------|------------------|------------|
| mm  | mm  | mm  | mm |    |             | A1   |        |                  |            |
| 216 | 2,8 | 1,8 | 30 | 64 | HLTCG       | -3°  | 2/7/42 | <b>FR16H001M</b> | F03FS09872 |
| 250 | 2,8 | 1,8 | 30 | 80 | HLTCG       | -3°  | FT121  | <b>FR23H001M</b> | F03FS09873 |
| 254 | 2,8 | 1,8 | 30 | 80 | HLTCG       | -3°  | FT121  | <b>FR24H001M</b> | F03FS09874 |
| 305 | 3,2 | 2,2 | 30 | 96 | HLTCG       | -3°  | FT121  | <b>FR29H001M</b> | F03FS09876 |

**FT121:** 2/7/42 + 2/9/46 + 2/9,5/46,5 + 2/10/60

## For small table saws



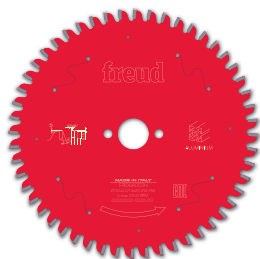
| D   | B   | b   | d  | Z  | Tooth Shape | Hook | NL    | Freud Code       | Art. No.   |
|-----|-----|-----|----|----|-------------|------|-------|------------------|------------|
| mm  | mm  | mm  | mm |    |             | A1   |       |                  |            |
| 250 | 2,8 | 1,8 | 30 | 80 | HLTCG       | 10°  | FT121 | <b>FR23H001T</b> | F03FS09877 |
| 300 | 3,2 | 2,2 | 30 | 96 | HLTCG       | 10°  | FT121 | <b>FR28H001T</b> | F03FS09878 |

**FT121:** 2/7/42 + 2/9/46 + 2/9,5/46,5 + 2/10/60





## ALUMINIUM



For hand-held and  
plunge circular saws

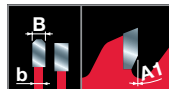


|                                                                                     | D   | B   | b   | d  | Z  | Tooth<br>Shape | Hook | NL       | Freud Code       | Art. No.   |
|-------------------------------------------------------------------------------------|-----|-----|-----|----|----|----------------|------|----------|------------------|------------|
|                                                                                     | mm  | mm  | mm  | mm |    |                | A1   |          |                  |            |
|  | 140 | 1,8 | 1,3 | 20 | 42 | HLTCG          | -5°  | 2/6/32,5 | <b>FR04A001H</b> | F03FS09806 |
|                                                                                     | 150 | 2,5 | 1,6 | 20 | 42 | HLTCG          | -5°  | 2/6/32,5 | <b>FR05A001H</b> | F03FS09807 |
|  | 160 | 2,2 | 1,6 | 20 | 52 | HLTCG          | -5°  | 2/6/32,5 | <b>FR06A001H</b> | F03FS09808 |
|                                                                                     | 165 | 2,5 | 1,6 | 20 | 52 | HLTCG          | -5°  | 2/6/32,5 | <b>FR07A001H</b> | F03FS09809 |
|                                                                                     | 165 | 2,5 | 1,6 | 30 | 52 | HLTCG          | -5°  | 2/7/42   | <b>FR07A002H</b> | F03FS09810 |
|                                                                                     | 180 | 2,5 | 1,6 | 30 | 56 | HLTCG          | -5°  | 2/7/42   | <b>FR09A001H</b> | F03FS09811 |
|                                                                                     | 190 | 2,5 | 1,6 | 20 | 56 | HLTCG          | -5°  | 2/6/32,5 | <b>FR13A001H</b> | F03FS09814 |
|                                                                                     | 190 | 2,5 | 1,6 | 30 | 56 | HLTCG          | -5°  | 2/7/42   | <b>FR13A002H</b> | F03FS09815 |

| D   | B   | b   | d  | Z  | Tooth Shape | Hook | NL     | Freud Code       | Art. No.   |
|-----|-----|-----|----|----|-------------|------|--------|------------------|------------|
| mm  | mm  | mm  | mm |    |             | A1   |        |                  |            |
| 200 | 2,8 | 1,8 | 30 | 60 | HLTCG       | -5°  | 2/7/42 | <b>FR14A001H</b> | F03FS09816 |
| 210 | 2,3 | 1,8 | 30 | 72 | HLTCG       | -5°  | 2/7/42 | <b>FR15A001H</b> | F03FS09817 |
| 230 | 2,8 | 1,8 | 30 | 64 | HLTCG       | -5°  | 2/7/42 | <b>FR19A001H</b> | F03FS09818 |
| 235 | 2,5 | 1,8 | 30 | 80 | HLTCG       | -5°  | 2/7/42 | <b>FR20A001H</b> | F03FS09819 |



For cordless hand-held  
and plunge circular saws



| D   | B   | b   | d  | Z  | Tooth Shape | Hook | NL       | Freud Code        | Art. No.   |
|-----|-----|-----|----|----|-------------|------|----------|-------------------|------------|
| mm  | mm  | mm  | mm |    |             | A1   |          |                   |            |
| 136 | 1,6 | 1,0 | 20 | 48 | HLTCG       | 0°   | -        | <b>FR03A001HC</b> | F03FS10082 |
| 140 | 1,8 | 1,3 | 20 | 48 | HLTCG       | -5°  | -        | <b>FR04A002HC</b> | F03FS10083 |
| 150 | 1,8 | 1,3 | 20 | 48 | HLTCG       | 0°   | -        | <b>FR05A002HC</b> | F03FS10084 |
| 160 | 1,8 | 1,3 | 20 | 54 | HLTCG       | 0°   | -        | <b>FR06A002HC</b> | F03FS10085 |
| 160 | 2,2 | 1,6 | 20 | 52 | HLTCG       | -5°  | 2/6/32,5 | <b>FR06A001H</b>  | F03FS09808 |
| 165 | 1,8 | 1,3 | 20 | 54 | HLTCG       | 0°   | -        | <b>FR07A002HC</b> | F03FS10086 |
| 190 | 1,8 | 1,3 | 30 | 54 | HLTCG       | 0°   | -        | <b>FR13A003HC</b> | F03FS10088 |



## For miter saws



| D   | B   | b   | d  | Z  | Tooth Shape | Hook | NL    | Freud Code       | Art. No.   |
|-----|-----|-----|----|----|-------------|------|-------|------------------|------------|
| mm  | mm  | mm  | mm |    |             | A1   |       |                  |            |
| 210 | 2,5 | 1,8 | 30 | 54 | HLTCG       | -5°  | FT121 | <b>FR15A001M</b> | F03FS09820 |
| 216 | 2,5 | 1,8 | 30 | 64 | HLTCG       | -5°  | FT121 | <b>FR16A001M</b> | F03FS09821 |
| 250 | 2,8 | 2,0 | 30 | 80 | HLTCG       | -5°  | FT121 | <b>FR23A001M</b> | F03FS09822 |
| 254 | 2,8 | 2,0 | 30 | 80 | HLTCG       | -5°  | FT121 | <b>FR24A001M</b> | F03FS09823 |
| 260 | 2,3 | 1,8 | 30 | 80 | HLTCG       | -5°  | FT121 | <b>FR26A001M</b> | F03FS09827 |
| 300 | 2,8 | 2,0 | 30 | 96 | HLTCG       | -5°  | FT121 | <b>FR28A001M</b> | F03FS09828 |
| 305 | 2,8 | 2,0 | 30 | 96 | HLTCG       | -5°  | FT121 | <b>FR29A001M</b> | F03FS09829 |
| 315 | 2,8 | 2,2 | 30 | 96 | HLTCG       | -5°  | FT121 | <b>FR30A001M</b> | F03FS09832 |

**FT121:** 2/7/42 + 2/9/46 + 2/9,5/46,5 + 2/10/60



## For cordless miter saws



| D   | B   | b   | d  | Z  | Tooth Shape | Hook | NL | Freud Code        | Art. No.   |
|-----|-----|-----|----|----|-------------|------|----|-------------------|------------|
| mm  | mm  | mm  | mm |    |             | A1   |    |                   |            |
| 216 | 2,0 | 1,4 | 30 | 66 | HLTCG       | 0°   | -  | <b>FR16A002MC</b> | F03FS10089 |
| 250 | 2,4 | 1,8 | 30 | 78 | HLTCG       | 0°   | -  | <b>FR23A002MC</b> | F03FS10090 |
| 305 | 2,4 | 1,8 | 30 | 96 | HLTCG       | 0°   | -  | <b>FR29A004MC</b> | F03FS10091 |

## For small table saws



| D   | B   | b   | d    | Z  | Tooth Shape | Hook | NL    | Freud Code       | Art. No.   |
|-----|-----|-----|------|----|-------------|------|-------|------------------|------------|
| mm  | mm  | mm  | mm   |    |             | A1   |       |                  |            |
| 190 | 2,6 | 1,8 | Star | 58 | HLTCG       | -5°  | -     | <b>FR13A001T</b> | F03FS09833 |
| 225 | 2,6 | 1,8 | 30   | 68 | HLTCG       | -5°  | FT121 | <b>FR18A001T</b> | F03FS09834 |
| 250 | 2,8 | 2,0 | 30   | 68 | HLTCG       | -5°  | FT121 | <b>FR23A001T</b> | F03FS09835 |

FT121: 2/7/42 + 2/9/46 + 2/9,5/46,5 + 2/10/60



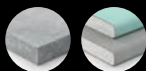
## For cordless small table saws



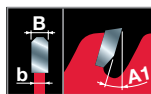
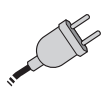
| D   | B   | b   | d  | Z  | Tooth Shape | Hook | NL | Freud Code        | Art. No.   |
|-----|-----|-----|----|----|-------------|------|----|-------------------|------------|
| mm  | mm  | mm  | mm |    |             | A1   |    |                   |            |
| 210 | 2,0 | 1,4 | 30 | 66 | HLTCG       | 0°   | -  | <b>FR15A001TC</b> | F03FS10092 |
| 216 | 2,0 | 1,4 | 30 | 66 | HLTCG       | 0°   | -  | <b>FR16A001TC</b> | F03FS10093 |



## FIBER CEMENT



For hand-held and  
plunge circular saws

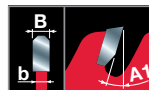


| D   | B   | b   | d  | Z | Tooth Shape | Hook | NL       | Freud Code       | Art. No.   |
|-----|-----|-----|----|---|-------------|------|----------|------------------|------------|
| mm  | mm  | mm  | mm |   |             | A1   |          |                  |            |
| 140 | 1,8 | 1,3 | 20 | 4 | TCG         | 10°  | 2/6/32,5 | <b>FR04F001H</b> | F03FS09836 |
| 160 | 2,2 | 1,6 | 20 | 4 | TCG         | 10°  | 2/6/32,5 | <b>FR06F001H</b> | F03FS09837 |
| 165 | 2,2 | 1,6 | 20 | 4 | TCG         | 10°  | 2/6/32,5 | <b>FR07F001H</b> | F03FS09838 |
| 184 | 2,2 | 1,6 | 30 | 4 | TCG         | 10°  | 2/7/43   | <b>FR11F001H</b> | F03FS09840 |
| 190 | 2,2 | 1,6 | 20 | 4 | TCG         | 10°  | 2/6/32,5 | <b>FR13F001H</b> | F03FS09841 |
| 190 | 2,2 | 1,6 | 30 | 4 | TCG         | 10°  | 2/7/43   | <b>FR13F002H</b> | F03FS09842 |
| 210 | 2,2 | 1,6 | 30 | 6 | TCG         | 10°  | 2/7/44   | <b>FR15F001H</b> | F03FS09843 |
| 230 | 2,2 | 1,6 | 30 | 6 | TCG         | 10°  | 2/7/45   | <b>FR19F001H</b> | F03FS09844 |
| 235 | 2,2 | 1,6 | 30 | 6 | TCG         | 10°  | 2/7/46   | <b>FR20F001H</b> | F03FS09845 |



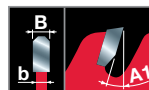


## For cordless hand-held and plunge circular saws



|                                                                                   | D   | B   | b   | d  | Z | Tooth Shape | Hook | NL       | Freud Code        | Art. No.   |
|-----------------------------------------------------------------------------------|-----|-----|-----|----|---|-------------|------|----------|-------------------|------------|
|                                                                                   | mm  | mm  | mm  | mm |   |             | A1   |          |                   |            |
|  | 140 | 1,8 | 1,3 | 20 | 4 | TCG         | 10°  | 2/6/32,5 | <b>FR04F001H</b>  | F03FS09836 |
|                                                                                   | 160 | 1,8 | 1,2 | 20 | 4 | TCG         | 10°  | -        | <b>FR06F002HC</b> | F03FS10095 |
|  | 160 | 2,2 | 1,6 | 20 | 4 | TCG         | 10°  | 2/6/32,5 | <b>FR06F001H</b>  | F03FS09837 |
|                                                                                   | 165 | 1,8 | 1,2 | 20 | 4 | TCG         | 10°  | -        | <b>FR07F002HC</b> | F03FS10096 |
|                                                                                   | 190 | 1,8 | 1,2 | 30 | 4 | TCG         | 10°  | -        | <b>FR13F003HC</b> | F03FS10097 |

## For miter saws

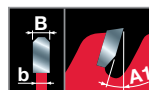
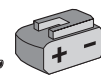


|  | D   | B   | b   | d  | Z | Tooth Shape | Hook | NL     | Freud Code       | Art. No.   |
|--|-----|-----|-----|----|---|-------------|------|--------|------------------|------------|
|  | mm  | mm  | mm  | mm |   |             | A1   |        |                  |            |
|  | 216 | 2,2 | 1,6 | 30 | 6 | TCG         | 10°  | 2/7/42 | <b>FR16F001M</b> | F03FS09846 |
|  | 250 | 2,4 | 1,8 | 30 | 6 | TCG         | 10°  | FT121  | <b>FR23F001M</b> | F03FS09847 |
|  | 254 | 2,4 | 1,8 | 30 | 6 | TCG         | 10°  | FT121  | <b>FR24F001M</b> | F03FS09848 |
|  | 260 | 2,4 | 1,8 | 30 | 6 | TCG         | 10°  | FT121  | <b>FR26F001M</b> | F03FS09849 |
|  | 300 | 2,4 | 1,8 | 30 | 8 | TCG         | 10°  | FT121  | <b>FR28F001M</b> | F03FS09850 |
|  | 305 | 2,4 | 1,8 | 30 | 8 | TCG         | 10°  | FT121  | <b>FR29F001M</b> | F03FS09851 |

**FT121:** 2/7/42 + 2/9/46 + 2/9,5/46,5 + 2/10/60



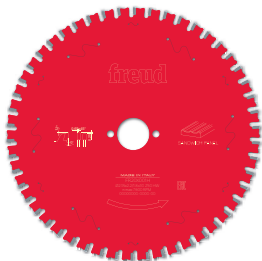
## For cordless miter saws



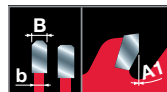
|  | D   | B   | b   | d  | Z | Tooth Shape | Hook | NL | Freud Code        | Art. No.   |
|--|-----|-----|-----|----|---|-------------|------|----|-------------------|------------|
|  | mm  | mm  | mm  | mm |   |             | A1   |    |                   |            |
|  | 216 | 2,0 | 1,4 | 30 | 6 | TCG         | 10°  | -  | <b>FR16F002MC</b> | F03FS10098 |
|  | 250 | 2,2 | 1,6 | 30 | 6 | TCG         | 10°  | -  | <b>FR23F002MC</b> | F03FS10099 |
|  | 305 | 2,2 | 1,6 | 30 | 8 | TCG         | 10°  | -  | <b>FR29F002MC</b> | F03FS10100 |



## SANDWICH PANEL



### For hand-held circular saws



| D   | B   | b   | d  | Z  | Tooth Shape | Hook | NL       | Freud Code       | Art. No.   |
|-----|-----|-----|----|----|-------------|------|----------|------------------|------------|
| mm  | mm  | mm  | mm |    |             | A1   |          |                  |            |
| 160 | 2,0 | 1,6 | 20 | 30 | HLTCG (Ch)  | 0°   | 2/6/32,5 | <b>FR06X001H</b> | F03FS09852 |
| 165 | 2,0 | 1,6 | 20 | 30 | HLTCG (Ch)  | 0°   | 2/6/32,5 | <b>FR07X001H</b> | F03FS09853 |
| 190 | 2,0 | 1,6 | 30 | 36 | HLTCG (Ch)  | 0°   | 2/7/42   | <b>FR13X001H</b> | F03FS09854 |
| 210 | 2,4 | 2,0 | 30 | 36 | HLTCG (Ch)  | 0°   | 2/7/42   | <b>FR15X001H</b> | F03FS09855 |
| 230 | 2,2 | 1,8 | 30 | 48 | HLTCG (Ch)  | 0°   | 2/7/42   | <b>FR19X001H</b> | F03FS09856 |
| 235 | 2,2 | 1,8 | 30 | 50 | HLTCG (Ch)  | 0°   | 2/7/42   | <b>FR20X001H</b> | F03FS09857 |
| 240 | 2,6 | 1,6 | 30 | 48 | HLTCG (Ch)  | 0°   | 2/7/42   | <b>FR22X001H</b> | F03FS09858 |
| 270 | 2,4 | 2,0 | 30 | 60 | HLTCG (Ch)  | 0°   | 2/7/42   | <b>FR27X001H</b> | F03FS09859 |
| 350 | 2,9 | 2,5 | 30 | 60 | HLTCG (Ch)  | 0°   | 2/7/42   | <b>FR32X001H</b> | F03FS09861 |
| 355 | 2,6 | 2,2 | 30 | 80 | HLTCG (Ch)  | 0°   | 2/7/42   | <b>FR33X001H</b> | F03FS09862 |





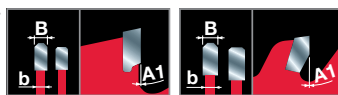
## MULTI MATERIAL



For hand-held and  
plunge circular saws



\*

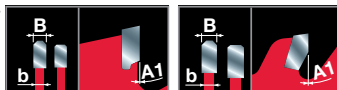


| D   | B   | b   | d  | Z  | Tooth Shape     | Hook | NL | Freud Code       | Art. No.   |
|-----|-----|-----|----|----|-----------------|------|----|------------------|------------|
| mm  | mm  | mm  | mm |    |                 | A1   |    |                  |            |
| 160 | 2,0 | 1,6 | 20 | 30 | HLTCG (Ch) RIB* | 0°   | -  | <b>FR06M001H</b> | F03FS10114 |
| 184 | 2,0 | 1,6 | 30 | 36 | HLTCG (Ch) RIB* | 0°   | -  | <b>FR11M001H</b> | F03FS10113 |
| 190 | 2,0 | 1,6 | 30 | 38 | HLTCG (Ch) RIB* | 0°   | -  | <b>FR13M001H</b> | F03FS10041 |
| 230 | 2,4 | 2,0 | 30 | 44 | HLTCG (Ch)      | 0°   | -  | <b>FR19M001H</b> | F03FS10042 |

## For miter saws



\*



| D   | B   | b   | d  | Z  | Tooth Shape     | Hook | NL | Freud Code       | Art. No.   |
|-----|-----|-----|----|----|-----------------|------|----|------------------|------------|
| mm  | mm  | mm  | mm |    |                 | A1   |    |                  |            |
| 210 | 2,0 | 1,6 | 30 | 40 | HLTCG (Ch) RIB* | 0°   | -  | <b>FR15M001M</b> | F03FS09886 |
| 216 | 2,0 | 1,6 | 30 | 40 | HLTCG (Ch) RIB* | 0°   | -  | <b>FR16M001M</b> | F03FS09887 |
| 250 | 2,4 | 2,0 | 30 | 48 | HLTCG (Ch)      | 0°   | -  | <b>FR23M001M</b> | F03FS09888 |
| 254 | 2,4 | 2,0 | 30 | 48 | HLTCG (Ch)      | 0°   | -  | <b>FR24M001M</b> | F03FS09889 |
| 300 | 2,6 | 2,0 | 30 | 80 | HLTCG (Ch)      | 0°   | -  | <b>FR28M001M</b> | F03FS09890 |
| 305 | 2,6 | 2,0 | 30 | 80 | HLTCG (Ch)      | 0°   | -  | <b>FR29M001M</b> | F03FS09891 |

# 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.

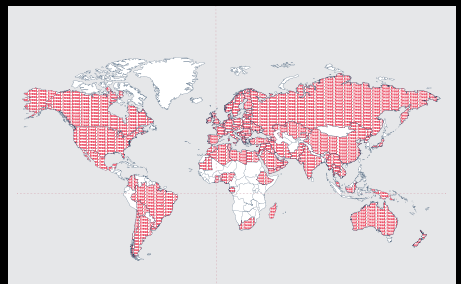


### **Technological supremacy In-house Carbide production**

Leader in Carbide manufacturing since 1980: Freud prides itself of a unique in the world 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 customized 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

Tel. +39 0432 551411

[info@freud.it](mailto:info@freud.it)

[www.freud.it](http://www.freud.it)