




































# freud

Precisely  
the best



**Circular saw blade range  
for portable machines**

THE WIDEST PROFESSIONAL RANGE  
FOR ANY APPLICATION NEED

				
<b>WOOD</b>				
<b>CONSTRUCT WOOD</b>				
<b>LAMINATED PANEL</b>				
<b>HPL</b>				
<b>SANDWICH PANEL</b>				
<b>FIBER CEMENT</b>				
<b>ALUMINIUM</b>				
<b>MULTI MATERIAL</b>				

### Icon guide



Range optimised for corded power tools



Range optimised for cordless power tools



Hand-held circular saws



Plunge saws



Miter saws



Small table saws

## PRODUCT FEATURES

## WHY FREUD IS PRECISELY THE BEST!

### Reduction of vibrations

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

### Maximum durability

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

### Long lifetime

Customised 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

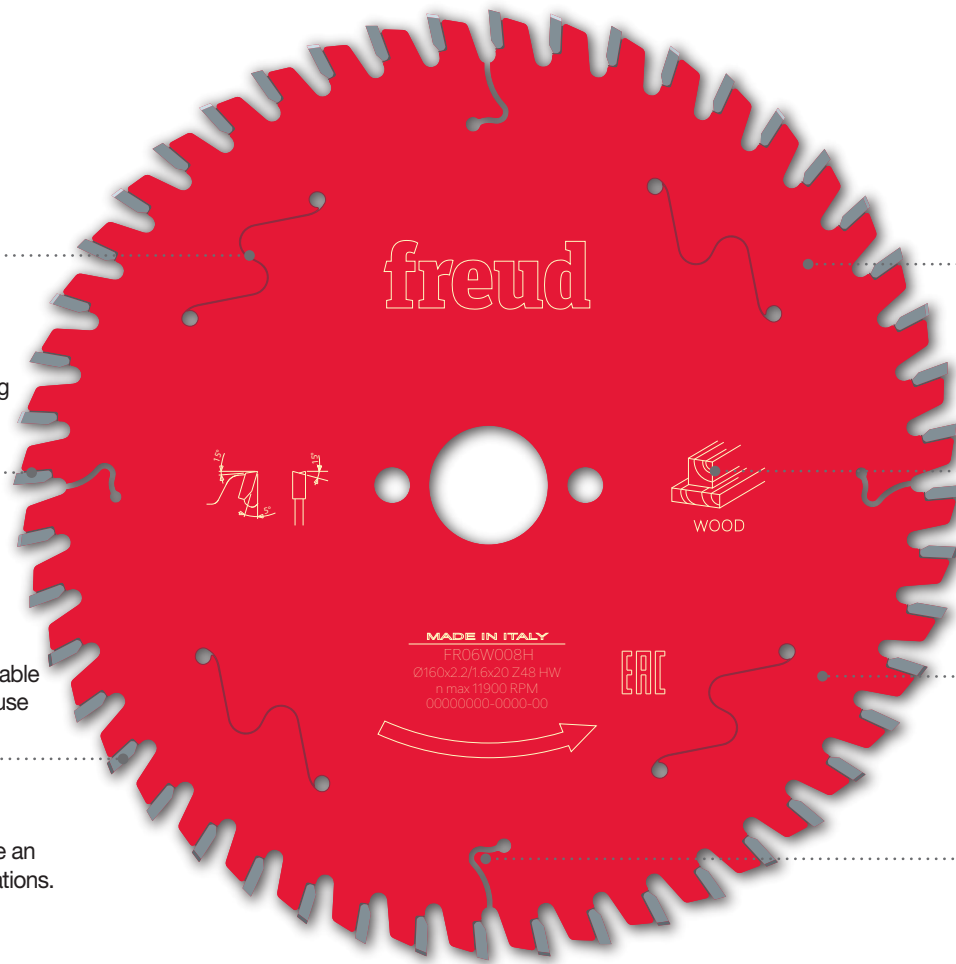
Application material laser-marked on each blade, for an easy and immediate user recognition.

### 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



MADE BY freud

- 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.



**OPTIMISED FOR  
CORDLESS  
POWER TOOLS**

## SPECIAL RANGE FOR CORDLESS POWER TOOLS

- Maximised battery runtime
- Optimised ease of cut

### BATTERY RUNTIME

Optimised range (cordless)

Regular range (corded)

### EASE OF CUT

Optimised range (cordless)

Regular range (corded)

### BLADE LIFETIME

Optimised range (cordless)

Regular range (corded)



## OPTIMISED TOOTH GEOMETRY

Extra  
thin-kerf  
tooth





E.g. by extra  
shear angle  
on tooth front



**WOOD**



	Rip Cut		Cross Cut
<ul style="list-style-type: none"> <li>• Good</li> <li>•• Better</li> <li>••• Best</li> </ul>			

**For 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	1,8	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



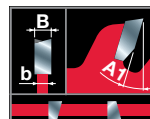
D	B	b	d	Z	Tooth Shape	Hook	Rip cut quality	Cross cut quality	NL	Freud Code	Art. No.
mm	mm	mm	mm			A1					
150	2,4	1,6	20	42	ATB	5°	•	•••	2/6/32,5	FR05W003H	F03FS09672
160	2,4	1,6	16	24	ATB	15°	•••	•	2/6/32,5	FR06W001H	F03FS09673
160	2,4	1,6	16	48	ATB	5°	•	•••	2/6/32,5	FR06W002H	F03FS09674
160	1,8	1,3	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	20	56	ATB	5°	•	•••	2/6/32,5	FR07W013H	F03FS11505
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
182	1,7	1,3	25,4	30	ATB	15°	•••	•	-	FR10W004H	F03FS11507
182	1,7	1,3	25,4	40	ATB	15°	••	••	-	FR10W005H	F03FS11508
182	1,7	1,3	25,4	60	ATB	15°	•	•••	-	FR10W006H	F03FS11509
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	25,4	24	ATB	15°	•••	•	-	FR11W012H	F03FS11511
184	2,4	1,6	30	24	ATB	15°	•••	•	2/7/42	FR11W007H	F03FS09709
185	2,4	1,6	20	24	ATB	15°	•••	•	-	FR12W001H	F03FS11513
185	2,4	1,6	20	48	ATB	10°	•	•••	-	FR12W002H	F03FS11514
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

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	2,4	1,6	30	40	ATB	10°	••	••	2/7/42	<b>FR13W007H</b>	F03FS09718
190	2,4	1,6	30	48	ATB	10°	•	•••	2/7/42	<b>FR13W008H</b>	F03FS09719
190	2,4	1,6	30	56	ATB	5°	•	•••	2/7/42	<b>FR13W009H</b>	F03FS09720
200	1,7	1,2	25,4	40	ATB	15°	••	••	-	<b>FR14W003H</b>	F03FS11515
200	2,4	1,6	30	24	ATB	15°	•••	•	2/7/42	<b>FR14W001H</b>	F03FS09721
200	2,4	1,6	30	48	ATB	10°	•	•••	2/7/42	<b>FR14W002H</b>	F03FS09722
210	2,4	1,8	30	24	ATB	15°	•••	•	2/7/42	<b>FR15W003H</b>	F03FS09725
210	2,4	1,8	30	40	ATB	15°	••	••	2/7/42	<b>FR15W001H</b>	F03FS09723
210	2,4	1,8	30	48	ATB	10°	•	•••	2/7/42	<b>FR15W004H</b>	F03FS09726
210	2,4	1,8	30	56	ATB	5°	•	•••	2/7/42	<b>FR15W002H</b>	F03FS09724
230	2,8	1,8	30	24	ATB	15°	•••	•	2/6/42	<b>FR19W001H</b>	F03FS09728
230	2,8	1,8	30	36	ATB	15°	••	••	2/7/42	<b>FR19W002H</b>	F03FS09729
230	2,8	1,8	30	48	ATB	15°	••	••	2/7/42	<b>FR19W003H</b>	F03FS09730
235	2,2	1,6	25,4	60	ATB	10°	•	•••	-	<b>FR20W007H</b>	F03FS11521
235	2,8	1,8	30	24	ATB	15°	•••	•	2/6/42	<b>FR20W003H</b>	F03FS09733
235	2,8	1,8	30	36	ATB	15°	••	••	2/7/42	<b>FR20W004H</b>	F03FS09734
235	2,8	1,8	30	48	ATB	15°	••	••	2/7/42	<b>FR20W005H</b>	F03FS09735
235	2,8	1,8	30	56	ATB	10°	•	•••	2/7/42	<b>FR20W006H</b>	F03FS09736
237	2,5	1,8	30	24	ATB	15°	•••	•	2/7/42	<b>FR21W001H</b>	F03FS09737
237	2,5	1,8	30	56	ATB	10°	•	•••	2/7/42	<b>FR21W002H</b>	F03FS09738
240	2,8	1,8	30	48	ATB	15°	••	••	2/7/42	<b>FR22W001H</b>	F03FS09739
270	2,8	1,8	30	60	ATB	10°	••	••	FT121	<b>FR27W001H</b>	F03FS09740
350	3,5	2,2	30	24	ATB	20°	•••	•	2/7/42	<b>FR32W001H</b>	F03FS09742
355	3,0	2,2	30	60	ATB	15°	•••	•	FT121	<b>FR33W001H</b>	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
182	1,7	1,3	19,05	40	ATB	15°	••	••	-	FR10W002H	F03FS09701
182	1,7	1,3	19,05	60	ATB	15°	•	•••	-	FR10W003H	F03FS09702
182	1,7	1,3	25,4	30	ATB	15°	•••	•	-	FR10W004H	F03FS11507
182	1,7	1,3	25,4	40	ATB	15°	••	••	-	FR10W005H	F03FS11508
182	1,7	1,3	25,4	60	ATB	15°	•	•••	-	FR10W006H	F03FS11509
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

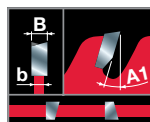
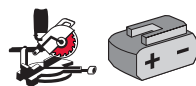


D	B	b	d	Z	Tooth Shape	Hook	NL	Freud Code	Art. No.
mm	mm	mm	mm			A1			
210	2,4	1,8	25,4	24	ATB	-5°	-	<b>FR15W002M</b>	F03FS11566
210	2,4	1,8	25,4	48	ATB	-5°	-	<b>FR15W003M</b>	F03FS11517
210	2,4	1,8	30	48	ATB	-5°	2/7/42	<b>FR15W001M</b>	F03FS09747
216	2,4	1,8	25,4	48	ATB	-5°	2/6/42	<b>FR16W004M</b>	F03FS09751
216	2,4	1,8	25,4	64	ATB	-5°	2/6/42	<b>FR16W005M</b>	F03FS09752
216	2,4	1,8	30	24	ATB	-5°	2/6/42	<b>FR16W001M</b>	F03FS09748
216	2,4	1,8	30	40	ATB	-5°	2/7/42	<b>FR16W002M</b>	F03FS09749
216	2,4	1,8	30	48	ATB	-5°	2/7/42	<b>FR16W003M</b>	F03FS09750
250	2,4	1,8	30	40	ATB	-5°	FT121	<b>FR23W001M</b>	F03FS09753
250	2,4	1,8	30	60	ATB	-5°	FT121	<b>FR23W002M</b>	F03FS09754
254	2,4	1,8	30	60	ATB	-5°	FT121	<b>FR24W001M</b>	F03FS09755
260	2,4	1,8	30	60	ATB	-5°	FT121	<b>FR26W001M</b>	F03FS09760
300	2,4	1,8	30	72	ATB	-5°	FT121	<b>FR28W001M</b>	F03FS09761
305	2,4	1,8	30	48	ATB	-5°	-	<b>FR29W001M</b>	F03FS09762
305	2,4	1,8	30	72	ATB	-5°	FT121	<b>FR29W002M</b>	F03FS09763
315	2,4	1,8	30	72	ATB	-5°	FT121	<b>FR30W001M</b>	F03FS09766

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



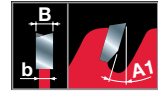
## For cordless miter saws



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°	-	<b>FR16W006MC</b>	F03FS10061
216	1,7	1,2	30	48	ATB	5°	-	<b>FR16W007MC</b>	F03FS10062
250	2,1	1,6	30	24	ATB	5°	-	<b>FR23W003MC</b>	F03FS10063
250	2,1	1,6	30	48	ATB	5°	-	<b>FR23W004MC</b>	F03FS10064
254	2,1	1,6	30	24	ATB	5°	-	<b>FR24W002MC</b>	F03FS11527
254	2,1	1,6	30	48	ATB	5°	-	<b>FR24W003MC</b>	F03FS11528
305	2,2	1,6	30	42	ATB	5°	-	<b>FR29W004MC</b>	F03FS10065
305	2,2	1,6	30	60	ATB	5°	-	<b>FR29W005MC</b>	F03FS10066
305	2,2	1,6	30	96	ATB	5°	-	<b>FR29W006MC</b>	F03FS10067



## For small table saws

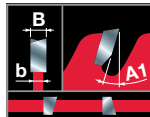


D	B	b	d	Z	Tooth Shape	Hook	Rip cut quality	Cross cut quality	NL	Freud Code	Art. No.
mm	mm	mm	mm			A1					
190	2,0	1,3	30	24	ATB	15°	•••	•	2/7/42	FR13W001T	F03FS09767
190	2,0	1,3	30	48	ATB	5°	•	•••	2/7/42	FR13W002T	F03FS09768
190	2,4	1,6	Star	24	ATB	15°	•••	•	-	FR13W003T	F03FS09769
190	2,4	1,6	Star	48	ATB	5°	•	•••	-	FR13W004T	F03FS09770
216	2,4	1,8	30	24	ATB	15°	•••	•	2/6/42	FR16W003T	F03FS11519
216	2,4	1,8	30	48	ATB	10°	•	•••	2/6/42	FR16W004T	F03FS11520
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	2,4	1,8	25,4	48	ATB	15°	•••	•	-	FR23W005T	F03FS11641
250	2,4	1,8	25,4	60	ATB	15°	••	••	-	FR23W006T	F03FS11642
250	2,4	1,8	25,4	80	ATB	15°	•	•••	-	FR23W007T	F03FS11643
250	2,4	1,8	25,4	100	ATB	15°	•	•••	-	FR23W008T	F03FS11644
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
280	2,5	1,8	30	64	ATB	10°	••	••	2/10/60	FR27W001T	F03FS11530
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°	•••	•	-	<b>FR15W001TC</b>	F03FS10068
210	2,0	1,4	30	48	ATB	15°	•	•••	-	<b>FR15W002TC</b>	F03FS10069
216	2,0	1,4	30	24	ATB	25°	•••	•	-	<b>FR16W001TC</b>	F03FS10070
216	2,0	1,4	30	48	ATB	15°	•	•••	-	<b>FR16W002TC</b>	F03FS10071
254	2,1	1,6	30	24	ATB	25°	•••	•	-	<b>FR24W005TC</b>	F03FS10072
254	2,1	1,6	30	40	ATB	20°	••	••	-	<b>FR24W006TC</b>	F03FS10073
254	2,1	1,6	30	60	ATB	15°	•	•••	-	<b>FR24W007TC</b>	F03FS10074

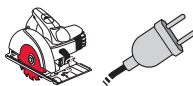


CONSTRUCT  
WOOD



Nail resistant

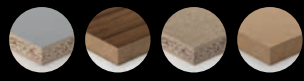
For hand-held circular saws



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



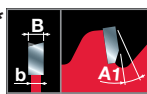
	D	B	b	d	Z	Tooth Shape	Hook	NL	Freud Code	Art. No.
	mm	mm	mm	mm			A1			
	140	1,8	1,3	20	42	ATB	-5°	2/6/32,5	<b>FR04L001H</b>	F03FS09797
	160	2,2	1,6	20	48	ATB	-5°	2/6/32,5	<b>FR06L001H</b>	F03FS09798
	160	2,2	1,6	20	48	HLTCG*	-5°	-	<b>FR06L002H</b>	F03FS09799
	165	2,6	1,6	20	48	ATB	-5°	2/6/32,5	<b>FR07L001H</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

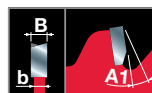


\*



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

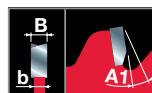
## For small table saws



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
216	2,5	1,8	30	60	ATB	5°	2/6/42	<b>FR16L002T</b>	F03FS11518
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
305	2,8	1,8	30	96	ATB	5°	2/10/60	<b>FR29L001T</b>	F03FS11533



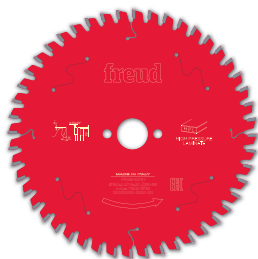
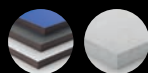
## For cordless small table saws



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




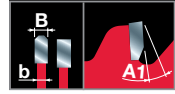
HPL



For hand-held and  
plunge circular saws



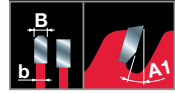
	D	B	b	d	Z	Tooth Shape	Hook	NL	Freud Code	Art. No.
	mm	mm	mm	mm			A1			
	140	1,8	1,3	20	42	HLTCG	0°	2/6/32,5	<b>FR04H001H</b>	F03FS09864
	160	2,2	1,6	20	48	HLTCG	0°	2/6/32,5	<b>FR06H001H</b>	F03FS09865
	165	2,6	1,6	20	48	HLTCG	0°	2/6/32,5	<b>FR07H001H</b>	F03FS09866
	190	2,6	1,6	20	56	HLTCG	0°	2/6/32,5	<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



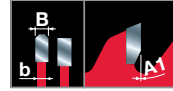
D	B	b	d	Z	Tooth Shape	Hook	NL	Freud Code	Art. No.
mm	mm	mm	mm			A1			
140	1,8	1,3	20	42	HLTCG	-5°	2/6/32,5	<b>FR04A001H</b>	F03FS09806
150	2,5	1,6	20	42	HLTCG	-5°	2/6/32,5	<b>FR05A001H</b>	F03FS09807
160	2,2	1,6	20	52	HLTCG	-5°	2/6/32,5	<b>FR06A001H</b>	F03FS09808
165	2,5	1,6	20	52	HLTCG	-5°	2/6/32,5	<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



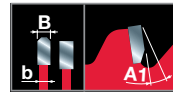
For cordless hand-held  
and plunge circular saws



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
350	3,0	2,2	30	108	HLTCG	5°	2/10/60	<b>FR32A001M</b>	F03FS11534

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
254	2,4	1,8	30	78	HLTCG	0°	-	<b>FR24A002MC</b>	F03FS11526
305	2,4	1,8	30	96	HLTCG	0°	-	<b>FR29A004MC</b>	F03FS10091

## For small table saws

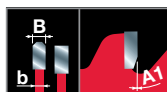


D	B	b	d	Z	Tooth Shape	Hook	NL	Freud Code	Art. No.
mm	mm	mm	mm			A1			
☆ 190	2,6	1,8	Star	58	HLTCG	-5°	-	<b>FR13A001T</b>	F03FS09833
225	2,6	1,8	30	68	HLTCG	-5°	FT121	<b>FR18A001T</b>	F03FS09834
250	2,8	2,0	30	68	HLTCG	-5°	FT121	<b>FR23A001T</b>	F03FS09835
280	2,8	2,0	30	84	HLTCG	-5°	2/10/60	<b>FR27A001T</b>	F03FS11529

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



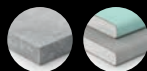
## For cordless small table saws



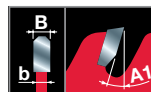
D	B	b	d	Z	Tooth Shape	Hook	NL	Freud Code	Art. No.
mm	mm	mm	mm			A1			
210	2,0	1,4	30	66	HLTCG	0°	-	<b>FR15A001TC</b>	F03FS10092
216	2,0	1,4	30	66	HLTCG	0°	-	<b>FR16A001TC</b>	F03FS10093



**FIBER  
CEMENT**



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



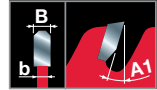
D	B	b	d	Z	Tooth Shape	Hook	NL	Freud Code	Art. No.
mm	mm	mm	mm			A1			
140	1,8	1,3	20	4	TCG	10°	2/6/32,5	<b>FR04F001H</b>	F03FS09836
160	2,2	1,6	20	4	TCG	10°	2/6/32,5	<b>FR06F001H</b>	F03FS09837
165	2,2	1,6	20	4	TCG	10°	2/6/32,5	<b>FR07F001H</b>	F03FS09838
182	2,2	1,6	19,05	4	TCG	10°	-	<b>FR10F001H</b>	F03FS11506
184	2,2	1,6	30	4	TCG	10°	2/7/42	<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°	2/7/42	<b>FR13F002H</b>	F03FS09842
210	2,2	1,6	30	6	TCG	10°	2/7/42	<b>FR15F001H</b>	F03FS09843
230	2,2	1,6	30	6	TCG	10°	2/7/42	<b>FR19F001H</b>	F03FS09844
235	2,2	1,6	30	6	TCG	10°	2/7/42	<b>FR20F001H</b>	F03FS09845



FIBER  
CEMENT

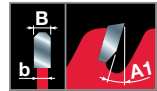


## For cordless hand-held and plunge circular saws



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

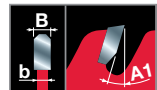
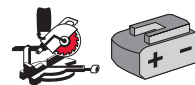


D	B	b	d	Z	Tooth Shape	Hook	NL	Freud Code	Art. No.
mm	mm	mm	mm			A1			
216	2,2	1,6	30	6	TCG	10°	2/7/42	<b>FR16F001M</b>	F03FS09846
250	2,4	1,8	30	6	TCG	10°	FT121	<b>FR23F001M</b>	F03FS09847
254	2,4	1,8	30	6	TCG	10°	FT121	<b>FR24F001M</b>	F03FS09848
260	2,4	1,8	30	6	TCG	10°	FT121	<b>FR26F001M</b>	F03FS09849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



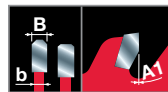
D	B	b	d	Z	Tooth Shape	Hook	NL	Freud Code	Art. No.
mm	mm	mm	mm			A1			
216	2,0	1,4	30	6	TCG	10°	-	<b>FR16F002MC</b>	F03FS10098
250	2,2	1,6	30	6	TCG	10°	-	<b>FR23F002MC</b>	F03FS10099
305	2,2	1,6	30	8	TCG	10°	-	<b>FR29F002MC</b>	F03FS10100



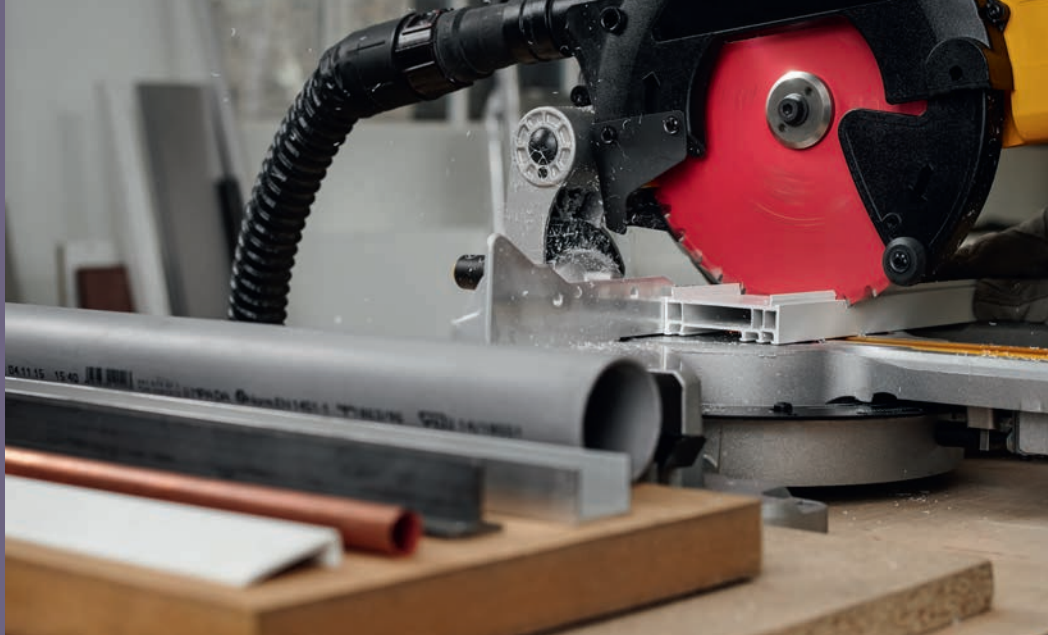
## SANDWICH PANEL



### For hand-held circular saws



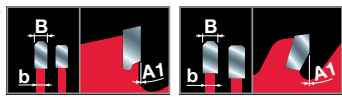
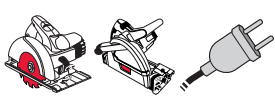
D	B	b	d	Z	Tooth Shape	Hook	NL	Freud Code	Art. No.
mm	mm	mm	mm			A1			
160	2,0	1,6	20	30	HLTCG (Ch)	0°	2/6/32,5	<b>FR06X001H</b>	F03FS09852
165	2,0	1,6	20	30	HLTCG (Ch)	0°	2/6/32,5	<b>FR07X001H</b>	F03FS09853
182	2,0	1,6	19,05	36	HLTCG (Ch)	0°	-	<b>FR10X001H</b>	F03FS11510
190	2,0	1,6	30	36	HLTCG (Ch)	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

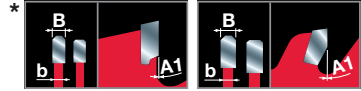


For hand-held and  
plunge circular saws



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
185	2,0	1,6	20	36	HLTCG (Ch) RIB*	0°	-	<b>FR12M001H</b>	F03FS11512
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	25,4	40	HLTCG (Ch) RIB*	0°	-	<b>FR15M002M</b>	F03FS11516
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.

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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.

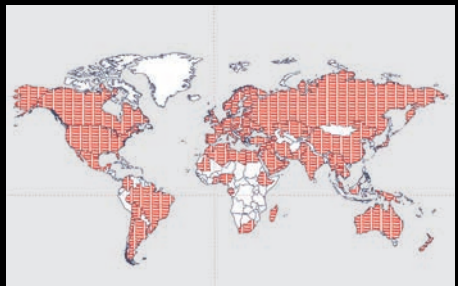


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Leader in Carbide manufacturing since 1980: Freud prides itself of a unique in the world in-house production and sintering of Carbide components, for superior quality cutting tools. Freud TiCo, a specially formulated, highly compact combination of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

### Global distribution Worldwide services wherever you are

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



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