

Xtra[®]
cut

THE NEXT GENERATION OF INDUSTRIAL SAWBLADES



LASER CUT EXPANSION SLOTS allow heat dispersion and improve blade stability.

LASER CUT STEEL BLADE with German steel to provide great tolerances and stability.

MICROGRAIN INDUSTRIAL CARBIDE TIPS made by Ceratizit to provide sharper edge and longer cutting life.

TENSIONING RING AND BALANCING to guarantee highest cutting performance, concentricity and flatness of the blade

TRI-METAL BRAZING OPERATION (alloy+copper+alloy) for best performance and maximum resistance to stress

ANTI-VIBRATION SLOTS FILLED WITH RESIN especially designed to improve finishing and reduce noise

Klein[®]
MADE IN ITALY
HW-FZ/TR WOOD
FCT300.09630

NO VIBRATION
NO-NOISE
SAFETY RECOGNITION

300x32/22x30+PH2 Z=96 TP
N/MAX 6000

WATCH THE DEMO

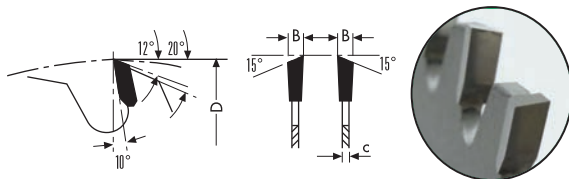


HW TRIMMING FINISHING SAWBLADES

ART. CDT



Xtra[®] cut

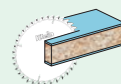


Item	D	d	B/c	Z	Pin holes
CDT250.06030	250	30	3,2/2,2	60	PH02
CDT300.07230	300	30	3,2/2,2	72	PH02
CDT350.08430	350	30	3,5/2,5	84	PH02
CDT400.09630	400	30	4,0/2,8	96	PH02

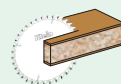
TEETH FEATURES

- WZ (ATB) alternate top bevel teeth
- HW grade: KCR05+ (K01-C4)

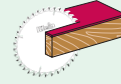
MATERIALS



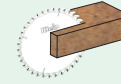
Single side laminate



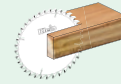
Single side veneer



Plastic coated



MDF



Plywood



Chipboard

MACHINES



Power mitre saws



Table saw



Panel saw

USEFUL INFORMATION

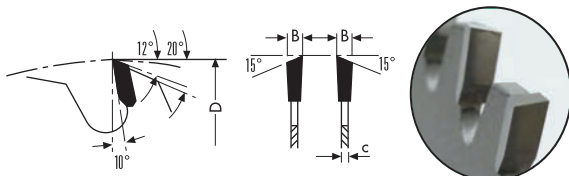
- Extra finish and long cutting life
- Pin holes: **PH02**=2/7/42 + 2/9,5/46,5 + 2/10/60

HW TRIMMING AND FINE FINISHING SAWBLADES

ART. CET



Xtra[®] cut

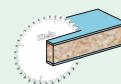


Item	D	d	B/c	Z	Pin holes
CET250.08030	250	30	3,2/2,2	80	PH02
CET300.09630	300	30	3,2/2,2	96	PH02
CET350.10830	350	30	3,5/2,5	112	PH02
CET400.12030	400	30	4,0/2,8	120	PH02

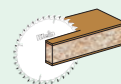
TEETH FEATURES

- WZ (ATB) alternate top bevel teeth
- HW grade: KCR05+ (K01-C4)

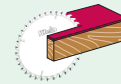
MATERIALS



Single side laminate



Single side veneer



Plastic coated



MDF



Plywood



Chipboard

MACHINES



Power mitre saws



Table saw



Panel saw

USEFUL INFORMATION

- Extra finish and long cutting life
- Pin holes: **PH02**=2/7/42 + 2/9,5/46,5 + 2/10/60

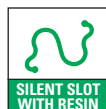
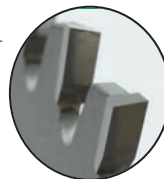
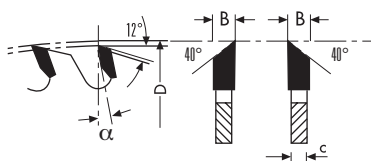


HW EXTRA FINE FINISHING SAWBLADES

ART. MMS



Xtra[®]
cut

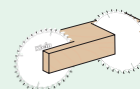


Item	D	d	B/c	α	Z	Pin holes
MMS250.08030	250	30	3,2/2,2	-2°	80	PH02
MMS300.09630	300	30	3,2/2,2	5°	96	PH02
MMS350.10830	350	30	3,5/2,5	5°	108	PH02

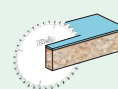
TEETH FEATURES

- WZ (ATB) alternate top bevel teeth
- HW grade: KCR05+ (K01-C4)

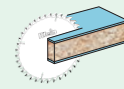
MATERIALS



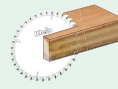
Softwood



Single side laminated



Double side laminated



Plywood

MACHINES



Power mitre saw



Table saw

USEFUL INFORMATION

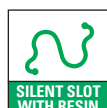
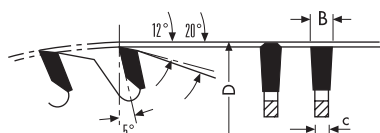
- Excellent finish on 45° cut
- Pin holes: PH02=2/7/42 + 2/9,5/46,5 + 2/10/60

HW CIRCULAR SAWBLADES FOR BILAMINATED PANELS

ART. FCT



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cut

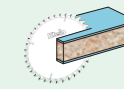


Item	D	d	B	Z	Pin holes
FCT250.06030	250	30	3,2/2,2	60	PH02
FCT250.08030	250	30	3,2/2,2	80	PH02
FCT300.07230	300	30	3,2/2,2	72	PH02
FCT300.09630	300	30	3,2/2,2	96	PH02
FCT350.08430	350	30	3,5/2,5	84	PH02
FCT350.11230	350	30	3,5/2,5	112	PH02

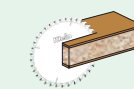
TEETH FEATURES

- FZ/TR (TCG) triple chip teeth trapezoidal
- HW grade: KCR10

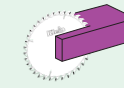
MATERIALS



Double side laminated



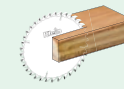
Double side veneer



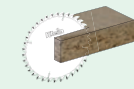
Solid surface



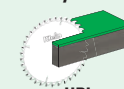
MDF



Plywood



Chipboard



HPL

MACHINES



Power mitre saw



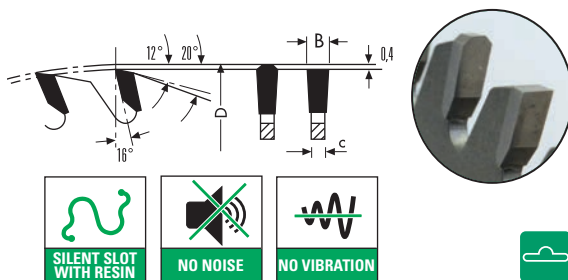
Table saw



Panel saw

USEFUL INFORMATION

- Ideal also for working **ALUCOBOND[®]**, a composite panel consisting of two aluminium cover sheets and a plastic core which can be polyethylene (PE) or mineral core (**ALUCOBOND[®] Plus - A2**)
- Pin holes: PH02=2/7/42 + 2/9,5/46,5 + 2/10/60

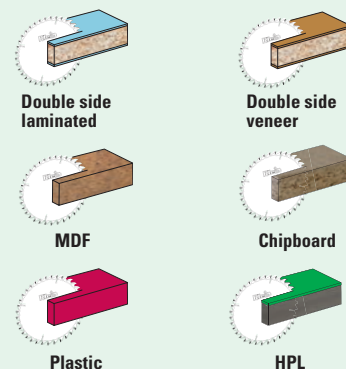

Xtra[®]
cut


Item	D	d	B/c	Z	Pin holes
HCS300.06030	300	30	4,4/3,2	60	PH02
HCS300.06065	300	65	4,4/3,2	60	Selco
HCS300.06075	300	75	4,4/3,2	60	Homag
HCS300.06080	300	80	4,4/3,2	60	Gabbiani
HCS300.07230	300	30	4,4/3,2	72	PH02
HCS300.07280	300	80	4,4/3,2	72	Gabbiani
HCS320.06065	320	65	4,4/3,2	60	Selco
HCS320.07265	320	65	4,4/3,2	72	Selco
HCS320.07275	320	75	4,4/3,2	72	Giben
HCS330.06050	330	50	4,4/3,2	60	Giben
HCS350.05630	350	30	4,4/3,2	54	PH02
HCS350.05675	350	75	4,4/3,2	54	PH05
HCS350.05680	350	80	4,4/3,2	54	PH04
HCS350.07230	350	30	4,4/3,2	72	PH02
HCS350.07250	350	50	4,4/3,2	72	Giben
HCS350.07260	350	60	4,4/3,2	72	Holzma - Nanxing
HCS350.07265	350	65	4,4/3,2	72	Selco
HCS350.07275	350	75	4,4/3,2	72	PH05
HCS350.07280	350	80	4,4/3,2	72	PH04
HCS351.07280	350	80	4,6/3,2	72	PH04
HCS355.07230	355	30	4,4/3,2	72	PH02
HCS355.07265	355	65	4,4/3,2	72	Selco
HCS355.07275	355	75	4,4/3,2	72	PH05
HCS355.07280	355	80	4,4/3,2	72	PH04
HCS361.07265	360	65	4,6/3,2	72	Selco
HCS370.07230	370	30	4,4/3,2	72	Schelling
HCS380.07250	380	50	4,4/3,2	72	Giben
HCS380.07260	380	60	4,4/3,2	72	Holzma - Nanxing
HCS380.07265	380	65	4,4/3,2	72	Selco
HCS380.07280	380	80	4,4/3,2	72	PH04
HCS381.07260	380	60	4,8/3,5	72	Holzma
HCS400.06030	400	30	4,4/3,2	60	PH01
HCS400.06075	400	75	4,4/3,2	60	Giben-Homag
HCS400.06080	400	80	4,4/3,2	60	PH04
HCS400.07230	400	30	4,4/3,2	72	PH01
HCS400.07260	400	60	4,4/3,2	72	Anthon
HCS400.07275	400	75	4,4/3,2	72	Giben-Homag
HCS400.07280	400	80	4,4/3,2	72	PH04
HCS401.07280	400	80	4,6/3,2	72	PH04
HCS420.07280	420	80	4,4/3,2	72	PH04
HCS430.07275	430	75	4,4/3,2	72	Giben
HCS430.07280	430	80	4,4/3,2	72	PH04

TEETH FEATURES

- FZ/TR (TCG) triple chip teeth
- HW grade: KCR05+ (K01-C4)

MATERIALS



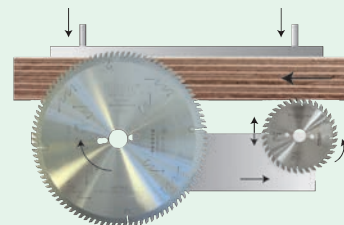
MACHINES



Beam saw

USEFUL INFORMATION

- Pin holes:
PH01= 2/10/60
PH02= 2/7/42 + 2/9,5/46,5 + 2/10/60
PH04= 2/14/110 + 2/7/110 + 4/9/100 + 4/19/120 + 2/9/130 (Selco-Gabbiani-SCM)
PH05= 4/15/105 + 3/7/100 (Giben-Homag-MacMazza)
- Biesse beam saws model for Klein[®] saw blade code:
 - HCS300.06065 : for panel sizing centres Selco EB70 / EB70L
 - HCS320.06065 : for panel sizing centres Selco EB75 / EB80 / SEKTOR 430 / SEKTOR 450 / SK450
 - HCS320.07265 : for panel sizing centres Selco WN2 / WN230 / SK230
 - HCS350.07265 : for panel sizing centres Selco WN250
 - HCS355.07265 : for panel sizing centres Selco EB95 / SEKTOR 470 / SK470 / SK370
 - HCS355.07280 : for panel sizing centres Selco EB90
 - HCS361.07265 : for panel sizing centres Selco EB100
 - HCS380.07265 : for panel sizing centres Selco WN610 / WNA610
 - HCS400.07280 : for panel sizing centres Selco EB108 / EB110 / EB120 / WN125 / WN200 / WN512 / WN600-132 / WN600-145
 - HCS430.07280 : for panel sizing centres Selco WNA600-162 / WN125
 - HCS452.07280 : for panel sizing centres Selco WNA200 / WN600-132
 - HCS520.07270 : for panel sizing centres Selco WN750 / WNA750



:K D3B7@ F=M=B9 F3K4@367F

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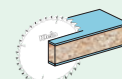


Item		D	d	B/c	Z	Pin holes
HCS450.07230		450	30	4,4/3,2	72	Schelling
HCS450.07275		450	75	4,4/3,2	72	MacMazza
HCS452.07260		450	60	4,8/3,5	72	Holzma-Nanxing
HCS452.07280		450	80	4,8/3,5	72	PH04
HCS520.07270		520	70	4,8/3,5	72	Selco

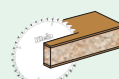
TEETH FEATURES

- FZ/TR (TCG) triple chip teeth
- HW grade: KCR05+ (K01-C4)

MATERIALS



Double side laminated



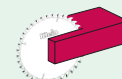
Double side veneer



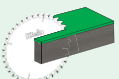
MDF



Chipboard



Plastic



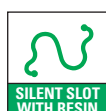
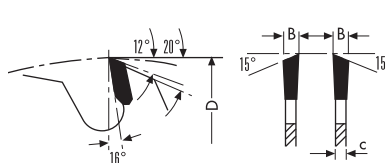
HPL

HW PANEL SIZING SAWBLADES

ART. HBS



Xtra[®]
cut



SILENT SLOT WITH RESIN



NO NOISE



NO VIBRATION

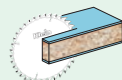


Item		D	d	B/c	Z	Pin holes
HBS300.04830		300	30	4,4/3,2	48	PH02
HBS300.06030		300	30	4,4/3,2	60	PH02
HBS350.05630		350	30	4,4/3,2	54	PH02
HBS350.05675		350	75	4,4/3,2	54	PH05
HBS350.05680		350	80	4,4/3,2	54	PH04
HBS400.03630		400	30	4,4/3,2	36	PH01
HBS400.03680		400	80	4,4/3,2	36	PH04
HBS400.06030		400	30	4,4/3,2	60	PH01
HBS400.07230		400	30	4,4/3,2	72	PH01
HBS400.07275		400	75	4,4/3,2	72	Giben-Homag
HBS400.07280		400	80	4,4/3,2	72	PH04
HBS451.04880		450	80	4,8/3,5	48	PH04
HBS500.07230		500	30	4,6/3,2	72	PH01 +Schelling

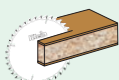
TEETH FEATURES

- WZ (ATB) alternate top bevel teeth
- HW grade: KCR05+ (K01-C4)

MATERIALS



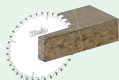
Double side laminated



Double side veneer



MDF



Chipboard

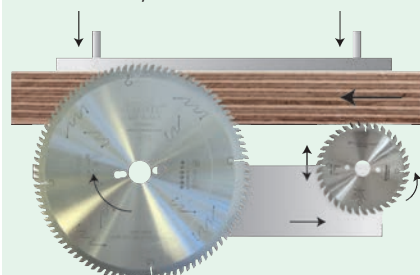
MACHINES



Beam saw

USEFUL INFORMATION

- Pin holes:
PH01= 2/10/60
PH02= 2/7/42 + 2/9,5/46,5 + 2/10/60
PH04= 2/14/110 + 2/7/110 + 4/9/100 + 4/19/120 + 2/9/130 (Selco-Gabbani-SCM)
PH05= 4/15/105 + 3/7/100 (Giben-Homag-MacMazza)

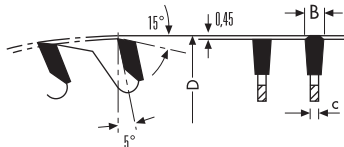


HW POSITIVE SAWBLADES FOR ALUMINIUM

ART. LA



Xtra[®] cut



Item	D	d	B/c	Z	Pin holes
LA200.06430	200	30	3,2/2,5	64	2/11/63
LA200.06432	200	32	3,2/2,5	64	2/11/63
LA250.06030	250	30	3,4/2,6	60	2/11/63
LA250.06032	250	32	3,4/2,6	60	2/11/63
LA250.08030	250	30	3,4/2,6	80	2/11/63
LA250.08032	250	32	3,4/2,6	80	2/11/63
LA300.07230	300	30	3,4/2,6	72	2/11/63
LA300.07232	300	32	3,4/2,6	72	2/11/63
LA300.08430	300	30	3,4/2,6	84	2/11/63
LA300.08432	300	32	3,4/2,6	84	2/11/63
LA300.09630	300	30	3,4/2,6	96	2/11/63
LA300.09632	300	32	3,4/2,6	96	2/11/63
LA350.08430	350	30	3,4/2,6	84	2/11/63
LA350.08432	350	32	3,4/2,6	84	2/11/63
LA350.09630	350	30	3,4/2,6	96	2/11/63
LA350.09632	350	32	3,4/2,6	96	2/11/63
LA350.10830	350	30	3,4/2,6	108	2/11/63
LA350.10832	350	32	3,4/2,6	108	2/11/63
LA400.09630	400	30	4,0/3,2	96	2/11/63
LA400.09632	400	32	4,0/3,2	96	2/11/63
LA400.09732	400	32	3,6/3,0	96	2/11/63
LA400.12030	400	30	4,0/3,2	120	2/11/63
LA400.12032	400	32	4,0/3,2	120	2/11/63
LA420.09630	420	30	4,0/3,2	96	2/11/63
LA420.09632	420	32	4,0/3,2	96	2/11/63
LA450.07330	450	30	3,8/3,2	72	2/11/63
LA450.07332	450	32	3,8/3,2	72	2/11/63
LA450.09630	450	30	4,0/3,2	96	2/11/63
LA450.09632	450	32	4,0/3,2	96	2/11/63
LA450.09732	450	32	3,8/3,2	96	2/11/63
LA450.10830	450	30	4,0/3,2	108	2/11/63
LA450.10832	450	32	4,0/3,2	108	2/11/63
LA500.09730	500	30	4,0/3,2	96	2/11/63
LA500.09732	500	32	4,0/3,2	96	2/11/63
LA500.12030	500	30	4,6/3,6	120	2/11/63
LA500.12032	500	32	4,6/3,6	120	2/11/63
LA500.12130	500	30	4,0/3,2	120	2/11/63
LA500.12132	500	32	4,0/3,2	120	2/11/63
LA550.12130	550	30	4,2/3,6	120	2/11/63
LA550.12132	550	32	4,2/3,6	120	2/11/63
LA550.14030	550	30	4,6/3,6	140	2/11/63
LA550.14130	550	30	4,2/3,6	140	2/11/63
LA550.14132	550	32	4,2/3,6	140	2/11/63
LA600.14030	600	30	4,6/3,6	140	2/11/63
LA600.14032	600	32	4,6/3,6	140	2/11/63
LA600.14040	600	40	4,6/3,6	140	2/11/63
LA620.14040	620	40	4,4/3,8	140	2/11/63
LA650.14040	650	40	5,0/4,0	140	2/11/63

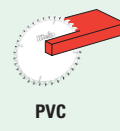
TEETH FEATURES

- FZ/TR (TCG) triple chip teeth
- 5° positive hook angle
- HW grade: KCR10

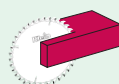
MATERIALS



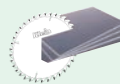
Aluminium profiles



PVC



Plastic



Plexiglass



Copper



Brass

MACHINES



Power mitre saws



Table saw



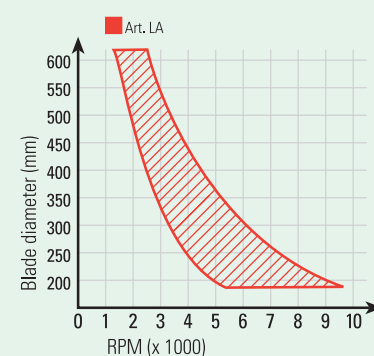
Panel saw



Aluminium sawing machines

USEFUL INFORMATION

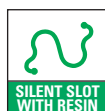
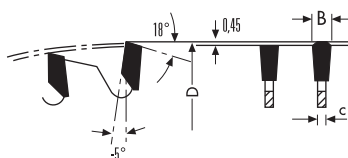
RPM suggested referred to the blade diameter



:K B793G=I7 F3K4@367F 8CE 3@HA=B=HA
3EG(@4



Xtra[®]
cut

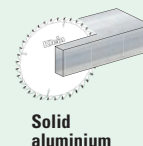


Item		D	d	B/c	Z	Pin holes
LB200.06430		200	30	3,2/2,5	64	2/11/63
LB200.06432		200	32	3,2/2,5	64	2/11/63
LB250.06030		250	30	3,4/2,6	60	2/11/63
LB250.08030		250	30	3,4/2,6	80	2/11/63
LB250.08032		250	32	3,4/2,6	80	2/11/63
LB300.07230		300	30	3,4/2,6	72	2/11/63
LB300.08430		300	30	3,4/2,6	84	2/11/63
LB300.08432		300	32	3,4/2,6	84	2/11/63
LB300.09630		300	30	3,4/2,6	96	2/11/63
LB300.09632		300	32	3,4/2,6	96	2/11/63
LB350.08430		350	30	3,4/2,6	84	2/11/63
LB350.08432		350	32	3,4/2,6	84	2/11/63
LB350.09630		350	30	3,4/2,6	96	2/11/63
LB350.09632		350	32	3,4/2,6	96	2/11/63
LB350.10830		350	30	3,4/2,6	108	2/11/63
LB350.10832		350	32	3,4/2,6	108	2/11/63
LB400.09630		400	30	4,0/3,2	96	2/11/63
LB400.09632		400	32	4,0/3,2	96	2/11/63
LB400.12030		400	30	4,0/3,2	120	2/11/63
LB400.12032		400	32	4,0/3,2	120	2/11/63
LB450.09630		450	30	4,0/3,2	96	2/11/63
LB450.09632		450	32	4,0/3,2	96	2/11/63
LB450.10830		450	30	4,0/3,2	108	2/11/63
LB450.10832		450	32	4,0/3,2	108	2/11/63
LB500.12030		500	30	4,6/3,6	120	2/11/63
LB500.12032		500	32	4,6/3,6	120	2/11/63
LB500.12130		500	30	4,0/3,2	120	2/11/63
LB500.12132		500	32	4,0/3,2	120	2/11/63
LB550.14030		550	30	4,6/3,6	140	2/11/63
LB600.14030		600	30	4,6/3,6	140	2/11/63
LB650.14030		650	30	5,0/4,0	140	2/11/63

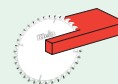
TEETH FEATURES

- FZ/TR (TCG) triple chip teeth (TCG)
- -5° negative hook angle
- HW grade: KCR10

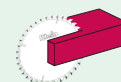
MATERIALS



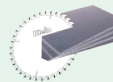
Solid aluminium



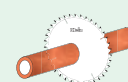
PVC



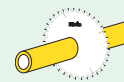
Plastic



Plexiglass



Copper



Brass

MACHINES



Power mitre saws



Table saw



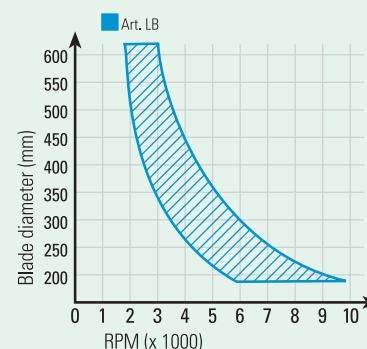
Panel saw



Aluminium sawing machines

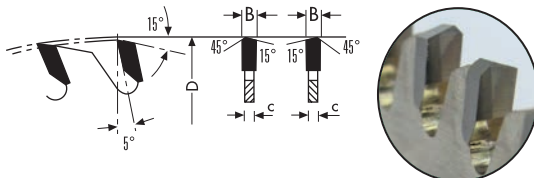
USEFUL INFORMATION

RPM suggested referred to the blade diameter





Xtra[®] cut

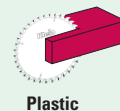


Item	D	d	B/c	Z	Pin holes
LE200.06430	200	30	3,0/2,5	64	
LE250.08030	250	30	3,0/2,5	80	PH01
LE300.09630	300	30	3,0/2,5	96	PH01
LE350.10830	350	30	3,2/2,5	108	PH01
LE400.12030	400	30	3,6/3,0	120	2/11/63
LE450.12030	450	30	3,8/3,2	120	2/11/63
LE500.12030	500	30	4,0/3,2	120	2/11/63
LE550.14030	550	30	4,2/3,5	140	2/11/63
LE600.14030	600	30	4,2/3,5	140	2/11/63

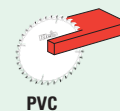
TEETH FEATURES

- WZ/FA alternate-trap, teeth
- HW grade: KCR05+ (K01-C4)

MATERIALS



Plastic



PVC

MACHINES



Power mitre saws



Table saw



Panel saw

USEFUL INFORMATION

- Especially made for cutting PVC and thin plastic material thanks to the thinner kerf
- Pin holes: **PH01**= 2/10/60

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WEBSITE**
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Klein

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