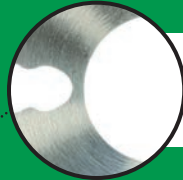


**Xtra<sup>®</sup>**  
**cut**

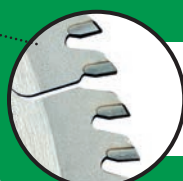
# THE NEXT GENERATION OF INDUSTRIAL SAWBLADES



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



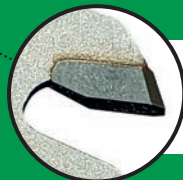
**LASER CUT STEEL BLADE** with German steel to provide great tolerances and stability.



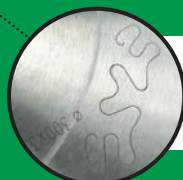
**MICROGRAIN INDUSTRIAL CARBIDE TIPS** made by Ceratizit to provide sharper edge and longer cutting life.



**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

WATCH THE DEMO

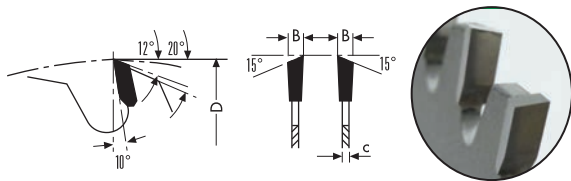


**HW TRIMMING FINISHING SAWBLADES**

ART. CDT



**Xtra<sup>®</sup>**  
**cut**

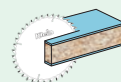


Item	D	d	B/c	Z	Pin holes
CDT250.06030	250	30	3,2/2,2	60	PH02
CDT300.07230	300	30	3,2/2,2	72	PH02
CDT350.08430	350	30	3,5/2,5	84	PH02
CDT400.09630	400	30	4,0/2,8	96	PH02

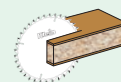
**TEETH FEATURES**

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

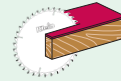
**MATERIALS**



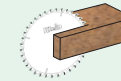
Single side laminate



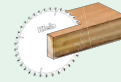
Single side veneer



Plastic coated



MDF



Plywood



Chipboard

**MACHINES**



Power mitre saws



Table saw



Panel saw

**USEFUL INFORMATION**

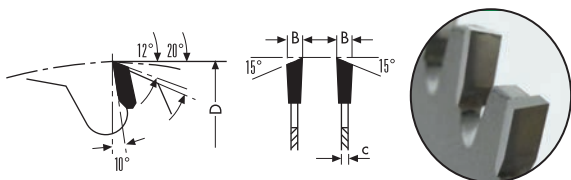
- Extra finish and long cutting life
- Pin holes: PH02=2/7/42 + 2/9,5/46,5 + 2/10/60

**HW TRIMMING AND FINE FINISHING SAWBLADES**

ART. CET



**Xtra<sup>®</sup>**  
**cut**

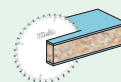


Item	D	d	B/c	Z	Pin holes
CET250.08030	250	30	3,2/2,2	80	PH02
CET300.09630	300	30	3,2/2,2	96	PH02
CET350.10830	350	30	3,5/2,5	112	PH02
CET400.12030	400	30	4,0/2,8	120	PH02

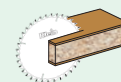
**TEETH FEATURES**

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

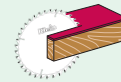
**MATERIALS**



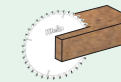
Single side laminate



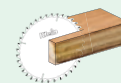
Single side veneer



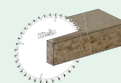
Plastic coated



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

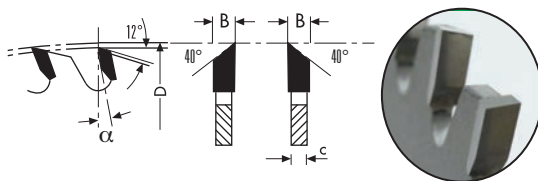


## HW EXTRA FINE FINISHING SAWBLADES

ART. MMS



# Xtra<sup>®</sup> cut

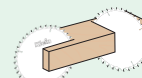


Item	D	d	B/c	$\alpha$	Z	Pin holes
MMS250.08030	250	30	3,2/2,2	-2°	80	PH02
MMS300.09630	300	30	3,2/2,2	5°	96	PH02
MMS350.10830	350	30	3,5/2,5	5°	108	PH02

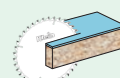
### TEETH FEATURES

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

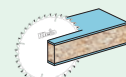
### MATERIALS



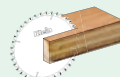
Softwood



Single side laminated



Double side laminated



Plywood

### MACHINES



Power mitre saw



Table saw

### USEFUL INFORMATION

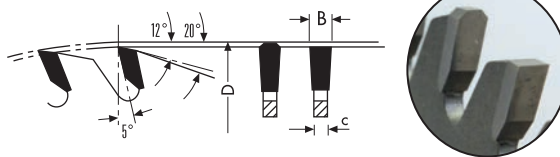
- Excellent finish on 45° cut
- Pin holes: PH02=2/7/42 + 2/9,5/46,5 + 2/10/60

## HW CIRCULAR SAWBLADES FOR BILAMINATED PANELS

ART. FCT



# Xtra<sup>®</sup> cut

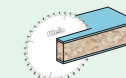


Item	D	d	B	Z	Pin holes
FCT250.06030	250	30	3,2/2,2	60	PH02
FCT250.08030	250	30	3,2/2,2	80	PH02
FCT300.07230	300	30	3,2/2,2	72	PH02
FCT300.09630	300	30	3,2/2,2	96	PH02
FCT350.08430	350	30	3,5/2,5	84	PH02
FCT350.11230	350	30	3,5/2,5	112	PH02

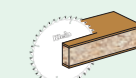
### TEETH FEATURES

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

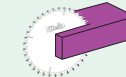
### MATERIALS



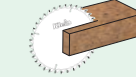
Double side laminated



Double side veneer



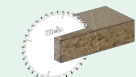
Solid surface



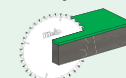
MDF



Plywood



Chipboard



HPL

### MACHINES



Power mitre saw



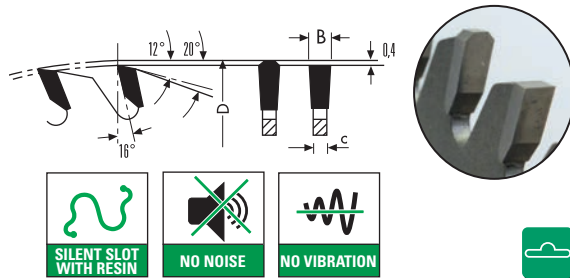
Table saw



Panel saw

### USEFUL INFORMATION

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

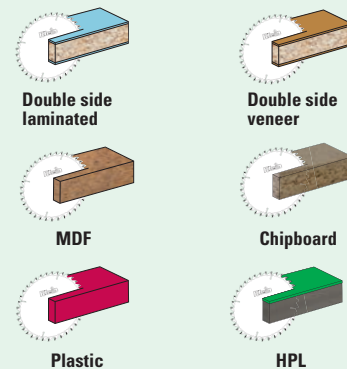


Item	D	d	B/c	Z	Pin holes
HCS300.06030	300	30	4,4/3,2	60	PH02
HCS300.06065	300	65	4,4/3,2	60	Selco
HCS300.06075	300	75	4,4/3,2	60	Homag
HCS300.06080	300	80	4,4/3,2	60	Gabbiani
HCS300.07230	300	30	4,4/3,2	72	PH02
HCS300.07280	300	80	4,4/3,2	72	Gabbiani
HCS320.06030	320	30	4,4/3,2	60	Selco
HCS320.06065	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



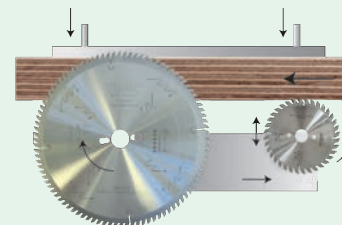
### MACHINES



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<sup>®</sup> 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 WNA610 / 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



## HW PANEL SIZING SAWBLADES

ART. HCS

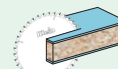


Item	D	d	B/c	Z	Pin holes
HCS450.07230	450	30	4,4/3,2	72	Schelling
HCS450.07275	450	75	4,4/3,2	72	MacMazza
HCS452.07260	450	60	4,8/3,5	72	Holzma-Nanxing
HCS452.07280	450	80	4,8/3,5	72	PH04
HCS520.07270	520	70	4,8/3,5	72	Selco

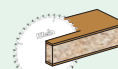
### TEETH FEATURES

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

### MATERIALS



Double side laminated



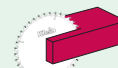
Double side veneer



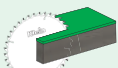
MDF



Chipboard



Plastic



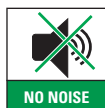
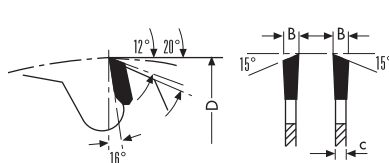
HPL

## HW PANEL SIZING SAWBLADES

ART. HBS



**Xtra cut**<sup>®</sup>

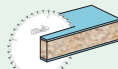


Item	D	d	B/c	Z	Pin holes
HBS300.04830	300	30	4,4/3,2	48	PH02
HBS300.06030	300	30	4,4/3,2	60	PH02
HBS350.05630	350	30	4,4/3,2	54	PH02
HBS350.05675	350	75	4,4/3,2	54	PH05
HBS350.05680	350	80	4,4/3,2	54	PH04
HBS400.03630	400	30	4,4/3,2	36	PH01
HBS400.03680	400	80	4,4/3,2	36	PH04
HBS400.06030	400	30	4,4/3,2	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

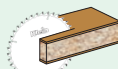
### TEETH FEATURES

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

### MATERIALS



Double side laminated



Double side veneer



MDF



Chipboard

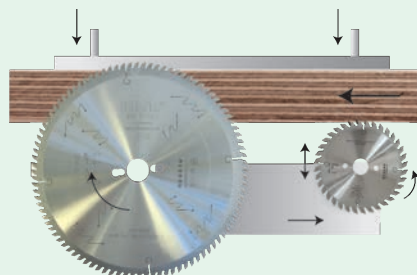
### MACHINES



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)

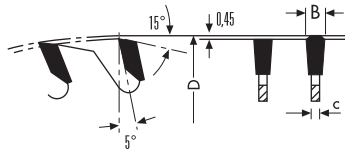


## HW POSITIVE SAWBLADES FOR ALUMINIUM

ART. LA



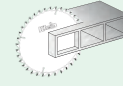
# Xtra<sup>®</sup> cut



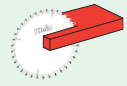
### TEETH FEATURES

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

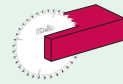
### MATERIALS



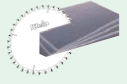
Aluminium profiles



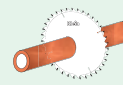
PVC



Plastic



Plexiglass



Copper



Brass

### MACHINES



Power mitre saws



Table saw



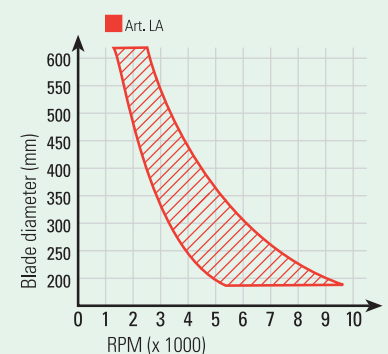
Panel saw



Aluminium sawing machines

### USEFUL INFORMATION

RPM suggested referred to the blade diameter



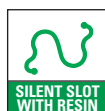
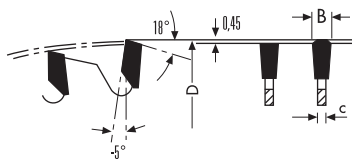
Item	D	d	B/c	Z	Pin holes
LA200.06430	200	30	3,2/2,5	64	2/11/63
LA200.06432	200	32	3,2/2,5	64	2/11/63
LA250.06030	250	30	3,4/2,6	60	2/11/63
LA250.06032	250	32	3,4/2,6	60	2/11/63
LA250.08030	250	30	3,4/2,6	80	2/11/63
LA250.08032	250	32	3,4/2,6	80	2/11/63
LA300.07230	300	30	3,4/2,6	72	2/11/63
LA300.07232	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
LA420.12030	420	30	4,0/3,2	120	2/11/63
LA420.12032	420	32	4,0/3,2	120	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
LA450.12032	450	32	4,0/3,2	120	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
LA520.12830	520	30	4,0/3,2	128	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	
LA600.14032	600	32	4,6/3,6	140	
LA600.14040	600	40	4,6/3,6	140	
LA620.14040	620	40	4,4/3,8	140	2/11/18
LA650.14040	650	40	5,0/4,0	140	

## HW NEGATIVE SAWBLADES FOR ALUMINIUM

ART. LB



# Xtra<sup>®</sup> cut

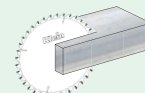


Item	D	d	B/c	Z	Pin holes
LB200.06430	200	30	3,2/2,5	64	2/11/63
LB200.06432	200	32	3,2/2,5	64	2/11/63
LB250.06030	250	30	3,4/2,6	60	2/11/63
LB250.08030	250	30	3,4/2,6	80	2/11/63
LB250.08032	250	32	3,4/2,6	80	2/11/63
LB300.07230	300	30	3,4/2,6	72	2/11/63
LB300.08430	300	30	3,4/2,6	84	2/11/63
LB300.08432	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

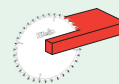
## TEETH FEATURES

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

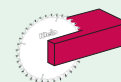
## MATERIALS



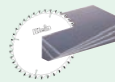
Solid aluminium



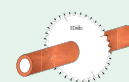
PVC



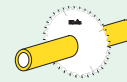
Plastic



Plexiglass



Copper



Brass

## MACHINES



Power mitre saws



Table saw



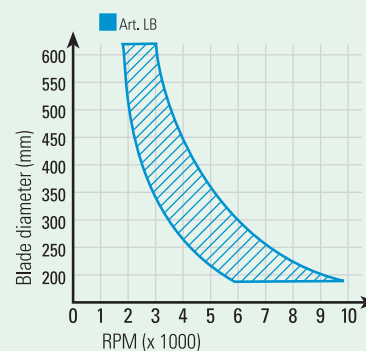
Panel saw



Aluminium sawing machines

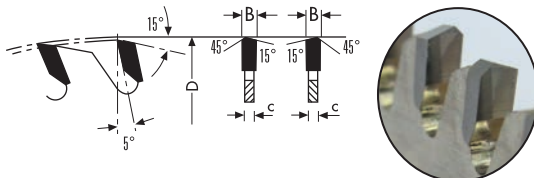
## USEFUL INFORMATION

RPM suggested referred to the blade diameter





# Xtra<sup>®</sup> cut

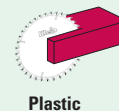


Item	D	d	B/c	Z	Pin holes
LE200.06430	200	30	3,0/2,5	64	
LE250.08030	250	30	3,0/2,5	80	PH01
LE300.09630	300	30	3,0/2,5	96	PH01
LE350.10830	350	30	3,2/2,5	108	PH01
LE400.12030	400	30	3,6/3,0	120	2/11/63
LE450.12030	450	30	3,8/3,2	120	2/11/63
LE500.12030	500	30	4,0/3,2	120	2/11/63
LE550.14030	550	30	4,2/3,5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

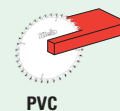
### TEETH FEATURES

- 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

**VISIT OUR  
WEBSITE**  
[www.sistemiklein.com](http://www.sistemiklein.com)



# Klein

**SISTEMI** S.r.l. - 61122 Pesaro - Italy - Via Montanelli, 70

Tel. +39.0721.28950 - Fax +39.0721.283476

[www.sistemiklein.com](http://www.sistemiklein.com)

[info@sistemiklein.com](mailto:info@sistemiklein.com)

