wirutex
hi-tech tools

CATALOGUE

SAW BLADES FOR BIESSE SELCO PANEL SIZING CENTRES

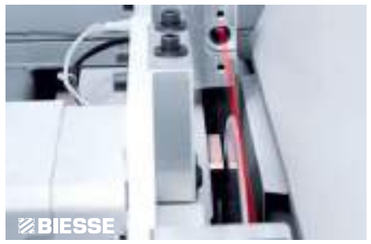
P 01

Wirutex and BIESSE a consolidated partnership

The collaboration between **Wirutex** and **Biesse** began in the 1990s with the first supplies of tools for installation on wood-working machines.
It's a collaboration that has produced not only dialogue and understanding over the years, but also the development of tailor-made tools for **Biesse** machines.

Do you want to see the range of Wirutex tools purposely designed for Biesse machines?
Visit our website wirutex.com

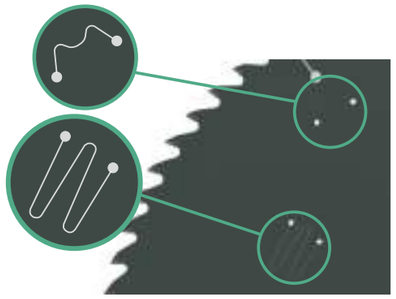
Wirutex has created a complete range of saw blades that uses the innovative technological solutions of the **Selco** panel sizing centres.



Automatic scoring saw blade alignment system of Selco panel sizing centres.

Specific technologies

The Wirutex polycrystalline diamond saw blades are designed with specific technologies that don't interfere with the automatic scoring saw blade alignment system of the Selco panel sizing centres.

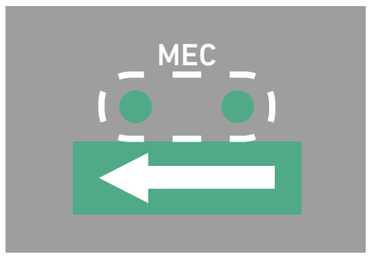


Less vibration

The noise reduction slots created with laser technology reduces the vibrations.
The quality and duration of the cut are enhanced, reducing the noise produced whilst machining.

Machining operations and materials

Wirutex saw blades are ideal for sectioning individual panels or books of panels in MDF, chipboard or melamine chipboard.
Upon request, we can produce special saw blades for machining compound materials like carbon, resin, Corian, HPL and stratified materials.



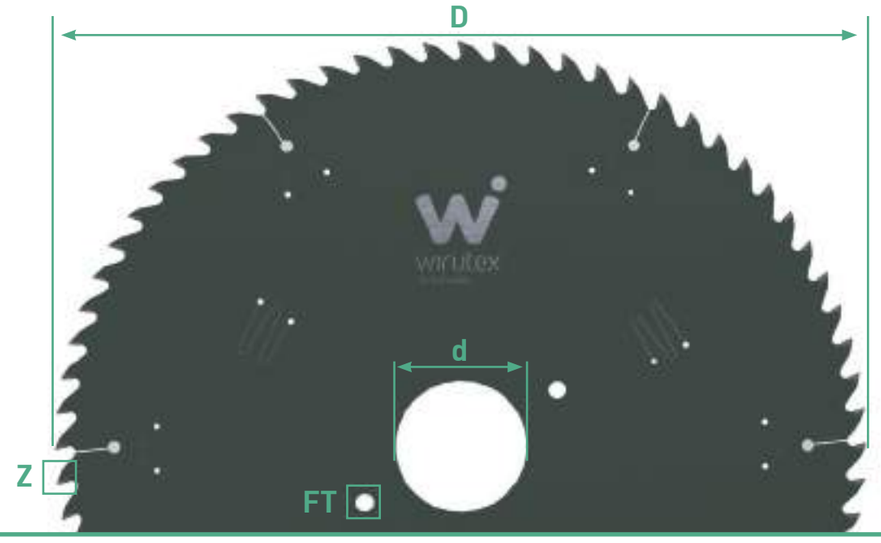
Mechanical feed

All the tools in this catalogue are designed for machining operations with mechanical feed.

Summary

List of symbols and abbreviations

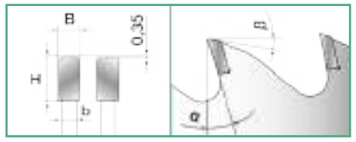
DP	POLYCRYSTALLINE DIAMOND
HW	TUNGSTEN CARBIDE
D	DIAMETER
B	CUTTING THICKNESS
B-B1	CUTTING THICKNESS
b	SAW BLADE BODY THICKNESS
d	CENTRAL BORE
Z	NUMBER OF TEETH
NL	PIN HOLES
α	HOOK ANGLE
β	BACK RELIEF ANGLE
H	HEIGHT OF TIP BEFORE SHARPENING
Id-No.	PRODUCT CODE



MAIN SAW BLADE

MAIN SAW BLADE

MACHINE MODEL
EB70
EB70L



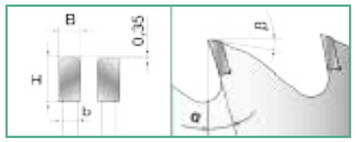
DESIGN

Flat-trapezoidal tooth.

	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	300	4.4	3.2	65	60	16°	12°	2/9/110	10	CL0037
DP	300	4.4	3.0	65	60	12°	13°	2/9/110	4	L00803
DP	300	4.4	3.0	65	60	12°	13°	2/9/110	6	L00503

MAIN SAW BLADE

MACHINE MODEL
EB70 (kit80) SEKTOR 430
EB80 SEKTOR 450
EB75 SK 450



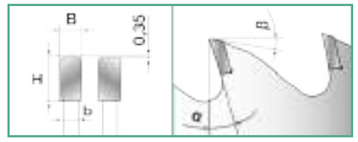
DESIGN

Flat-trapezoidal tooth.

	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	320	4.4	3.2	65	60	16°	12°	2/9/110	10	C03737
DP	320	4.4	3.0	65	60	10°	13°	2/9/110	4	L00820
DP	320	4.4	3.0	65	60	10°	13°	2/9/110	6	L00520

MAIN SAW BLADE

MACHINE MODEL
EB90



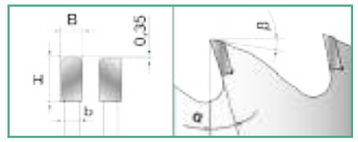
DESIGN

Flat-trapezoidal tooth.

	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	355	4.4	3.2	80	72	16°	12°	2/9/130+4/19/120	10	CL0058
DP	355	4.4	3.0	80	72	12°	13°	2/9/130+4/19/120	4	L00844
DP	355	4.4	3.0	80	72	12°	13°	2/9/130+4/19/120	6	L00544

MAIN SAW BLADE

MACHINE MODEL
EB95
SEKTOR 470
SK 470



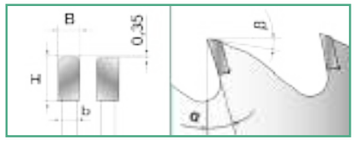
DESIGN

Flat-trapezoidal tooth.

	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	355	4.4	3.2	65	72	16°	12°	2/9/110	10	C04165
DP	355	4.4	3.0	65	72	12°	13°	2/9/110	4	L00841
DP	355	4.4	3.0	65	72	12°	13°	2/9/110	6	L00541

MAIN SAW BLADE

MACHINE MODEL
EB100



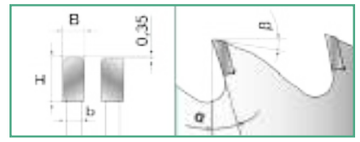
DESIGN

Flat-trapezoidal tooth.

	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	360	4.4	3.2	65	72	16°	12°	2/9/110	10	CL0060
DP	360	4.4	3.0	65	72	12°	13°	2/9/110	4	L00846
DP	360	4.4	3.0	65	72	12°	13°	2/9/110	6	L00546

MAIN SAW BLADE

MACHINE MODEL	
EB108	WN 200 (PFS)
EB110	WN 512 (PFS)
EB120	WN 600-132 (PFS)
EB120 (PFS)	WN 600-145 (PFS)
WN 125 (PFS)	



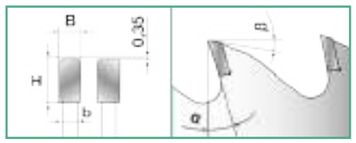
DESIGN

Flat-trapezoidal tooth.

	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	400	4.4	3.2	80	72	16°	12°	2/9/130+4/19/120	10	C01840
DP	400	4.4	3.0	80	72	12°	13°	2/9/130+4/19/120	4	L00871
DP	400	4.4	3.0	80	72	12°	13°	2/9/130+4/19/120	6	L00571

MAIN SAW BLADE

MACHINE MODEL
WN-WNA 610
WN-WNA 610 (PFS)



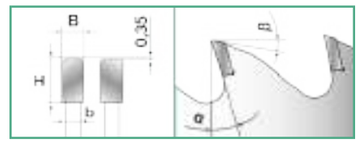
DESIGN

Flat-trapezoidal tooth.

	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	380	4.4	3.2	65	72	16°	12°	2/9/110	10	D03230
DP	380	4.4	3.0	65	72	12°	13°	2/9/110	4	L00855
DP	380	4.4	3.0	65	72	12°	13°	2/9/110	6	L00555

MAIN SAW BLADE

MACHINE MODEL
WN-WNA 630
WN-WNA 630 (PFS)
WN-WNA 650 (PFS)



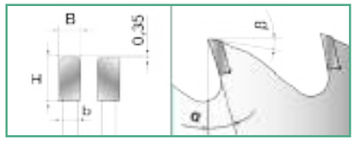
DESIGN

Flat-trapezoidal tooth.

	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	400	4.4	3.2	65	72	16°	12°	2/9/110	10	D03231
DP	400	4.4	3.0	65	72	12°	13°	2/9/110	4	L00868
DP	400	4.4	3.0	65	72	12°	13°	2/9/110	6	L00568

MAIN SAW BLADE

MACHINE MODEL
WNA 600-162 (PFS)
WN 125



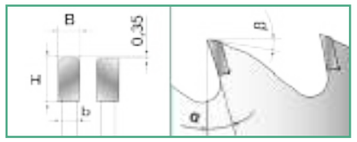
DESIGN

Flat-trapezoidal tooth.

	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	430	4.4	3.2	80	72	16°	12°	2/9/130+4/19/120	10	CL0092
DP	430	4.4	3.2	80	72	12°	13°	2/9/130+4/19/120	4	L00883
DP	430	4.4	3.2	80	72	12°	13°	2/9/130+4/19/120	6	L00583

MAIN SAW BLADE

MACHINE MODEL
WN-WNA 650



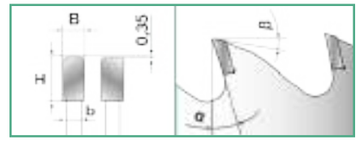
DESIGN

Flat-trapezoidal tooth.

	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	430	4.4	3.2	65	72	16°	12°	2/9/110	10	D03232
DP	430	4.4	3.2	65	72	12°	13°	2/9/110	4	L00881
DP	430	4.4	3.2	65	72	12°	13°	2/9/110	6	L00581

MAIN SAW BLADE

MACHINE MODEL
WN 710
WN 710 (PFS)
WN-WNA 730 (PFS)
WN-WNA 750 (PFS)
WN-WNA 830 (PFS)
WN-WNA 850 (PFS)



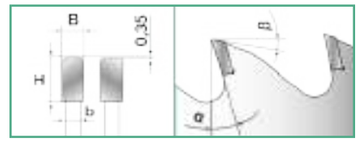
DESIGN

Flat-trapezoidal tooth.

	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	430	4.8	3.5	70	72	16°	12°	4/11/130	10	C03959
DP	430	4.8	3.5	70	72	10°	13°	4/11/130	4	L00887
DP	430	4.8	3.5	70	72	10°	13°	4/11/130	6	L00587

MAIN SAW BLADE

MACHINE MODEL
With PFS function and automated saw blade change.
WN-WNA 730
WN-WNA 750
WN-WNA 830
WN-WNA 850



DESIGN

Flat-trapezoidal tooth.

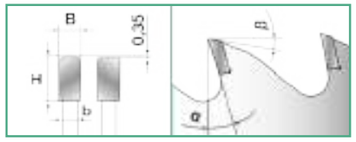
	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	430	4.8	3.5	75	72	16°	12°	4/6.5/130+4/11/130	10	C05396
DP	430	4.8	3.5	75	72	10°	13°	4/6.5/130+4/11/130	4	L00888
DP	430	4.8	3.5	75	72	10°	13°	4/6.5/130+4/11/130	6	L00588

MAIN SAW BLADE

MACHINE MODEL

WNA 200

WN 600-132



DESIGN

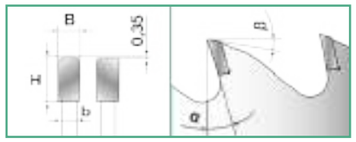
Flat-trapezoidal tooth.

	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	450	4.8	3.5	80	72	16°	12°	2/9/130+4/19/120	10	CL0110
DP	450	4.8	3.5	80	72	10°	13°	2/9/130+4/19/120	4	L00891
DP	450	4.8	3.5	80	72	10°	13°	2/9/130+4/19/120	6	L00591

MAIN SAW BLADE

MACHINE MODEL

WN-WNA 730



DESIGN

Flat-trapezoidal tooth.

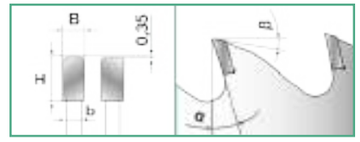
	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	470	4.8	3.5	70	72	16°	12°	4/11/130	10	C04313
DP	470	4.8	3.5	70	72	10°	13°	4/11/130	4	L00918
DP	470	4.8	3.5	70	72	10°	13°	4/11/130	6	L00618

MAIN SAW BLADE

MACHINE MODEL

With automated saw blade change.

WN-WNA 730



DESIGN

Flat-trapezoidal tooth.

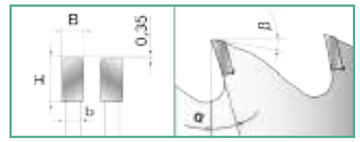
	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	470	4.8	3.5	75	72	16°	12°	4/6.5/130+4/11/130	10	C05395
DP	470	4.8	3.5	75	72	10°	13°	4/6.5/130+4/11/130	4	L00920
DP	470	4.8	3.5	75	72	10°	13°	4/6.5/130+4/11/130	6	L00620

MAIN SAW BLADE

MACHINE MODEL

WNA 512

WN 600-145



DESIGN

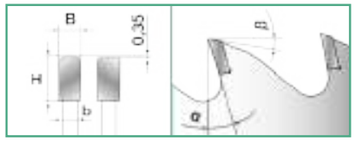
Flat-trapezoidal tooth.

	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	480	4.8	3.5	80	72	16°	12°	2/9/130+4/19/120	10	CL0118
DP	480	4.8	3.5	80	72	10°	12°	2/9/130+4/19/120	4	L00927
DP	480	4.8	3.5	80	72	10°	12°	2/9/130+4/19/120	6	L00627

MAIN SAW BLADE

MACHINE MODEL

WNA 600-162



DESIGN

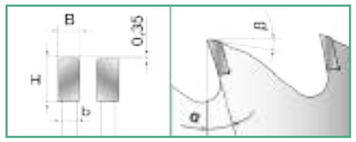
Flat-trapezoidal tooth.

	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	510	4.8	3.5	80	72	16°	12°	2/9/130+4/19/120	10	C05394
DP	510	4.8	3.5	80	72	10°	12°	2/9/130+4/19/120	4	L00938
DP	510	4.8	3.5	80	72	10°	12°	2/9/130+4/19/120	6	L00638

MAIN SAW BLADE

MACHINE MODEL

WN-WNA 750



DESIGN

Flat-trapezoidal tooth.

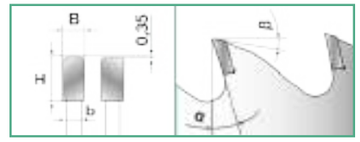
	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	520	4.8	3.5	70	72	16°	12°	4/11/130	10	C04163
DP	520	4.8	3.5	70	72	10°	12°	4/11/130	4	L00949
DP	520	4.8	3.5	70	72	10°	12°	4/11/130	6	L00649

MAIN SAW BLADE

MACHINE MODEL

With automated saw blade change.

WN-WNA 750



DESIGN

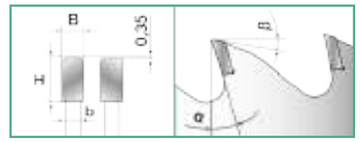
Flat-trapezoidal tooth.

	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	520	4.8	3.5	75	72	16°	12°	4/6.5/130+4/11/130	10	C05397
DP	520	4.8	3.5	75	72	10°	12°	4/6.5/130+4/11/130	4	L00950
DP	520	4.8	3.5	75	72	10°	12°	4/6.5/130+4/11/130	6	L00650

MAIN SAW BLADE

MACHINE MODEL

WN-WNA 830



DESIGN

Flat-trapezoidal tooth.

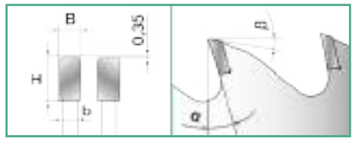
	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	570	5.8	4.0	70	60	16°	12°	4/11/130	10	C05402
DP	570	5.8	4.5	70	60	10°	12°	4/11/130	4	L01600
DP	570	5.8	4.5	70	60	10°	12°	4/11/130	6	L01601

MAIN SAW BLADE

MACHINE MODEL

With automated saw blade change.

WN-WNA 850



DESIGN

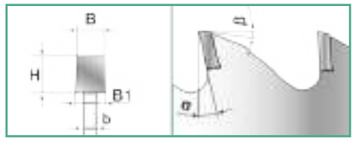
Flat-trapezoidal tooth.

	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	600	5.8	4.0	75	60	16°	12°	4/6.5/130+4/11/130	10	C05400
DP	600	5.8	4.5	75	60	10°	12°	4/6.5/130+4/11/130	4	L01602
DP	600	5.8	4.5	75	60	10°	12°	4/6.5/130+4/11/130	6	L01603

SCORING SAW BLADE

SCORING SAW BLADE

MACHINE MODEL		
Without PFS function		
EB70	EB100	SEKTOR 470
EB70L	EB108	SK 450
EB75	EB110	SK 470
EB80	EB120	WN 125
EB90	SEKTOR 430	WN 610
EB95	SEKTOR 450	WN 630
		WN 650



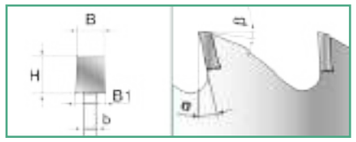
DESIGN

Conical tooth.

	D (mm)	B - B1 (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	200	4.4 - 5.6	3.2	65	36	10°	12°	2/9/110+2/9/100	10	C03213
DP	200	4.4 - 5.0	3.2	65	36	8°	14°	2/9/110+2/9/100	4	L01254
DP	200	4.4 - 5.0	3.2	65	36	8°	14°	2/9/110+2/9/100	6	L01054

SCORING SAW BLADE

MACHINE MODEL		
Without PFS function		
WN 200	WN-WNA 710	
WN 512	WN-WNA 730	
WN 600-132	WN-WNA 750	
WN 600-145		
WNA 600-162		



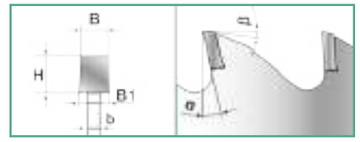
DESIGN

Conical tooth.

	D (mm)	B - B1 (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	200	4.8 - 5.6	3.5	65	36	10°	12°	2/9/110	10	C02829
DP	200	4.8 - 5.6	3.2	65	30	10°	14°	2/9/110	4	L01264
DP	200	4.8 - 5.6	3.2	65	30	10°	14°	2/9/110	6	L01064

SCORING SAW BLADE

MACHINE MODEL
Without PFS function
WN-WNA 830
WN-WNA 850



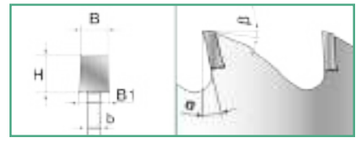
DESIGN

Conical tooth.

	D (mm)	B - B1 (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	200	5.7 - 6.9	4.0	65	36	10°	12°	2/9/110	10	C05401
DP	200	5.7 - 6.3	4.5	65	36	10°	14°	2/9/110	4	L01604
DP	200	5.7 - 6.3	4.5	65	36	10°	14°	2/9/110	6	L01605

SCORING SAW BLADE

MACHINE MODEL	
With PFS function - normal cuts	
EB70	SEKTOR 430
EB70L	SEKTOR 450
EB75	SEKTOR 470
EB80	SK 450
EB95	SK 470
EB100	



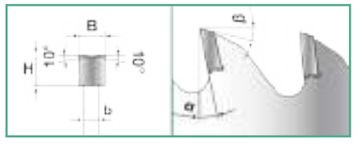
DESIGN

Conical tooth.

	D (mm)	B - B1 (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	300	4.4 - 5.6	3.2	65	48	10°	12°	2/9/100	10	D03234
DP	300	4.4 - 5.0	3.2	65	48	10°	14°	2/9/100	4	L01606
DP	300	4.4 - 5.0	3.2	65	48	10°	14°	2/9/100	6	L01607

SCORING SAW BLADE

MACHINE MODEL	
With PFS function - post-forming cuts	
EB70	SEKTOR 430
EB70L	SEKTOR 450
EB75	SEKTOR 470
EB80	SK 450
EB95	SK 470
EB100	



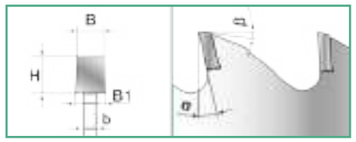
DESIGN

Alternate tooth.

	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	300	4.6	3.2	65	72	10°	12°	2/9/100	10	D03235
DP	300	4.6	3.2	65	72	12°	14°	2/9/100	6	L01609

SCORING SAW BLADE

MACHINE MODEL	
With PFS function - normal cuts	
EB90	WN-WNA 610
EB108	WN-WNA 630
EB110	WN-WNA 650
EB120	
WN 125	



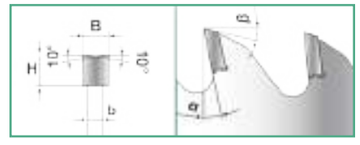
DESIGN

Conical tooth.

	D (mm)	B - B1 (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	300	4.4-5.6	3.2	65	48	10°	12°	2/9/110	10	D03236
DP	300	4.4-5.0	3.2	65	48	8°	14°	2/9/110	4	L01610
DP	300	4.4-5.0	3.2	65	48	8°	14°	2/9/110	6	L01611

SCORING SAW BLADE

MACHINE MODEL	
With PFS function - post-forming cuts	
EB90	WN 512
EB108	WN 600-132
EB110	WN 600-145
EB120	WN 600-162
WN 125	
WN 200	



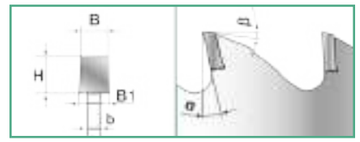
DESIGN

Alternate tooth.

	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	300	4.55	3.2	65	72	10°	12°	2/9/110	10	C02754
DP	300	4.55	3.2	65	72	10°	13°	2/9/110	4	L01612
DP	300	4.55	3.2	65	72	10°	13°	2/9/110	6	L01613

SCORING SAW BLADE

MACHINE MODEL	
With PFS function - normal cuts	
WN-WNA 710	
WN-WNA 730	
WN-WNA 750	
WN-WNA 830	
WN-WNA 850	



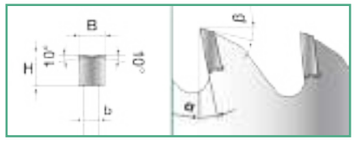
DESIGN

Conical tooth.

	D (mm)	B - B1 (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	300	4.8 - 5.6	3.5	65	48	10°	12°	2/9/110	10	D02696
DP	300	4.8 - 5.6	3.5	65	48	8°	14°	2/9/110	4	L01614
DP	300	4.8 - 5.6	3.5	65	48	8°	14°	2/9/110	6	L01615

SCORING SAW BLADE

MACHINE MODEL
With PFS function - post-forming cuts
WN-WNA 610
WN-WNA 630
WN-WNA 650



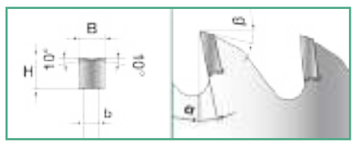
DESIGN

Alternate tooth.

	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	350	4.6	3.2	65	72	10°	12°	2/9/110	10	D03237
DP	350	4.6	3.2	65	72	10°	13°	2/9/110	4	L01616
DP	350	4.6	3.2	65	72	10°	13°	2/9/110	6	L01617

SCORING SAW BLADE

MACHINE MODEL
With PFS function - post-forming cuts
WN-WNA 710
WN-WNA 730
WN-WNA 750
WN-WNA 830
WN-WNA 850



DESIGN

Alternate tooth.

	D (mm)	B (mm)	b (mm)	d (mm)	Z	α	β	NL	H (mm)	Id-No.
HW	350	5	3.5	65	72	10°	12°	2/9/110	10	D02695
DP	350	5	3.5	65	72	10°	13°	2/9/110	4	L01618
DP	350	5	3.5	65	72	10°	13°	2/9/110	6	L01619

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