

A large, detailed circular saw blade dominates the right side of the image. On the left, four circular insets show various materials being cut: stacked lumber, a wooden beam, a cross-section of a window frame, and a bundle of metal pipes. The blade itself has a textured surface and a central hub.

EDN[®]
euronorm-quality

Catalogue 45
Circular Saw Blades
Made in Germany

EDN
euronorm-quality



Content

More than 45 years a name in the sawing industry!

	Seite
Material allocation / technical information	2-4
Superline saw blades	5-9
LWS · UWS · KWS · VWS · KTS · VTS · KDTH pos. + neg.	
Standard saw blades	11-18
LFZ · LWZ · LF · QW · UW · GW · KWG · KW · VW	
ATS (Anti-Sound) saw blades	19-20
Special saw blades	21-44
LWD · UWD · VWD · FWD · NFD · WKN · LWP · VWN · UH · VTH · KDH pos. + neg.	
KTF · VTF · VWF · RSK · RS · UWP · PTF · ZFR · ZWR · LFR · LW · LFB · WPA · LW	
Saw blades for tenoner · Groover · Lamello	
Aluminium and steel saw blades	45-65
NE Pos. · NE neg. · STI · STS · STW · HS DM05 · HSE · segment saw blades	
tube saws · ATF	
Series 05 saw blades	66-72
For portable power saws, crosscut saws, mitre saws and saw benches	
Construction site saw blades	73-77
CV · BWK · BTS · BTK · BHS · BFA	
Mini-Groover / Portas bits	78-80
Reducing rings	82-83
Reworking and custom-made products	84

Material allocation

Which EDN saw blade for which material?

Material		Saw types particularly recommended	Saw types for good cutting quality
Natural wood	soft-longitude	LFZ2, LF, LW, LFR, ZFR	LFZ1, LWS, LWZ, QW, UWS, UW, GW, WPA, ZWR
	soft-cross	QW, UWS, UW, GW	LFZ2, LWS, LWZ, WKN, ZWR, WPA
	hard-longitude	LF, UWS, UW, GW, LFR	LFZ,1, LFZ2, LWS, LWZ, QW, ZFR, ZWR
	hard-cross	UWS, UW, GW, LWP, UWP	LWS, LWZ, QW, WKN, ZWR, WPA
Exotic wood	hard-longitude	UWS, UW, GW, LFR	LWS, LWZ, ZFR, ZWR, QW
	hard-cross	UWS, UW, GW, UWP	LWS, LWZ, ZWR, QW
High-grade timbers	longitude	UWS, UW, GW	VWS, VW
	cross	UWD	VWS, VW
Veneers	longitude	GW, UH, FWD	UWS, UW, KWS, KW, VWS, VW
	cross	KWS, KW, VWS, VW, UH, FWD	QW, UWS, UW, GW
Blockboards	longitude	KWS, KW	LWS, LWZ, UWS, UW, GW, UWP, UH
	cross	KWS, KW	QW, UWS, UW, GW, UWP, UH
Plywood		GW, KWS, KW, VWS, VW	LWS, LWZ, QW, UWS, UW, UH, UWP
Hardboards		VWS, VW, UWP	QW, UWS, UW, GW, KWS, KW, UH, PTF
Panel materials veneered			
	single-sided	GW, KWS, KW, VWS, VW, UH	LWS, LWZ, QW, UWS, UW
	double-sided	UH, VWN	KDTH, KDH, KWS, KW, VWS, VW
Panel materials plastic-coated			
	single-sided	KWS, KW, VWS, VW, KDTH, KDH, VTS, VTF	LWS, LWZ, QW, UWS, UW, GW, UH, KTS, KTF
	double-sided	KDTH, KDH, PTF, VWN	KWS, KW, VWS, VW, VTS, VTF
Plastics	duroplastic	VTS, VTF	KWS, KW, VWS, VW
	thermoplastic	KTS, KTF, KWS, KW, VW, VWS	LWS, LWZ, UWS, UW, GW
Resin impregnated paper and fabric			UWS, UW, VW, UWP
Aluminium	Profiles	NE ne	NE pos, FWD, NFD
	Solid	NE po	NE neg
Steel		HS(HSS), STS, Segment	STW
Mineral fibre panels		GW	LWS, LWZ, QW, UWS, UW, PTF
Rock wool panels		UWS, UW, UWP	LWS, LWZ, QW, GW
Plasterboards			LFZ2, LWS, LWZ, QW, UWS, UW, GW
Sheet coated thermal insulation panels		STI	ATF
Wood stripes, picture frames		VTH	VWS, VW, VTS, VTF, NE neg

Important instructions for the use of EDN carbide-tipped circular saw blades

Please note the following when using EDN carbide-tipped circular saw blades.

The machine spindle must run free from clearance and vibration.

The wobble of the flanges must not exceed 0.02 mm and the circular twist of the spindle 0.03 mm.

The largest possible flange diameter should be chosen, since large flanges prevent the saw blade from chattering, particularly in the case of very thin blades.

If possible, the flanges should not be smaller than 1/3 of the saw blade diameter.

The flanges must always be cleaned before use.

Before changing the motor speed, it is essential to check that the saw blade is free running.

Make sure that the workpiece is correctly guided and that the workpiece support is at the correct angle to the saw spindle.

The most favourable cutting speed for wood- and panel materials lies between 60 and 100 m/sec.

The softer the material the higher the cutting speed.

Impurities in the material (veneer staples), metal- and stone fragments can cause the carbide tips to break out.

Glue and resin deposits on the saw blade must be removed in good time.

Technical information

For the use of EDN carbide tipped circular saw blades

Recommended cutting speed		
Material	Cutting speed in m/sec	
Natural wood	50	100
Laminated timbers (plywood, chipwood)	50	100
Plastic-coated panels	50	100
Compacted woods	35	70
Plastics	25	50
Cement type materials	5	20
Aluminium profiles	50	90
Aluminium solid material	30	70
Mineralfibre panels	30	65

This should be done with cleaning agents obtainable from specialist suppliers.

EDN carbide-tipped circular saw blades are supplied in a sturdy cardboard box.

Please keep this box for storing your carbide-tipped saw blade and for dispatch to your sharpening service.

If you observe these recommendations, you will gain much satisfaction from your EDN Carbide-Tipped circular Saw Blade.

The circular saw blades are quoted with the highest possible rpm; this is not always the most economical speed.

Rules of thumb: The softer the material, the higher the speed! The harder the material, the lower the speed!

The cutting speed (circumferential velocity) depends on the speed (rpm) and the tool diameter.

The values are shown in m/sec. in the table below.

The feed should not be less than 1/1000th of the tool speed.

For example, at 6000 rpm the feed should be 6 m per minute.

Cutting speed table in m/sec.

Diameter	Rotation speed in R/min													
D = mm	1500	2000	2800	3500	4000	4500	5000	6000	8000	9000	10000	12000	16000	18000
100	8	10	15	18	21	24	26	31	41	47	52	63	84	94
120	9,5	13	18	22	25	28	31	38	49	57	63	75	101	
150	12	16	22	27	31	35	39	47	63	71	79	94		
180	14	19	26	33	38	42	47	57	73	85	94			
200	16	21	29	37	42	47	52	63	81	94	105			
220	17	23	32	40	46	52	58	69	92	104				
250	20	26	37	46	52	59	65	79	105					
300	24	31	44	55	63	71	79	94						
350	27	37	51	64	73	83	92							
400	31	42	59	73	84	94	105							
420	33	44	62	77	88	99								
450	35	47	66	83	94	105								
500	39	52	73	92	105									
600	47	63	79	94										

Abbreviations

AS	Anti-Sound
B	Cutting width (Kerf)
D	Diameter
d	Bore or small diameter
DH	Point-hollow tooth
DKN	Double Keyway
F	Flat tooth
FA	Flat tooth with chip limiter
FD	Flat tooth thin kerf
FF	Flat tooth with chamfer
G	Low Noise
GR	Closed rakers

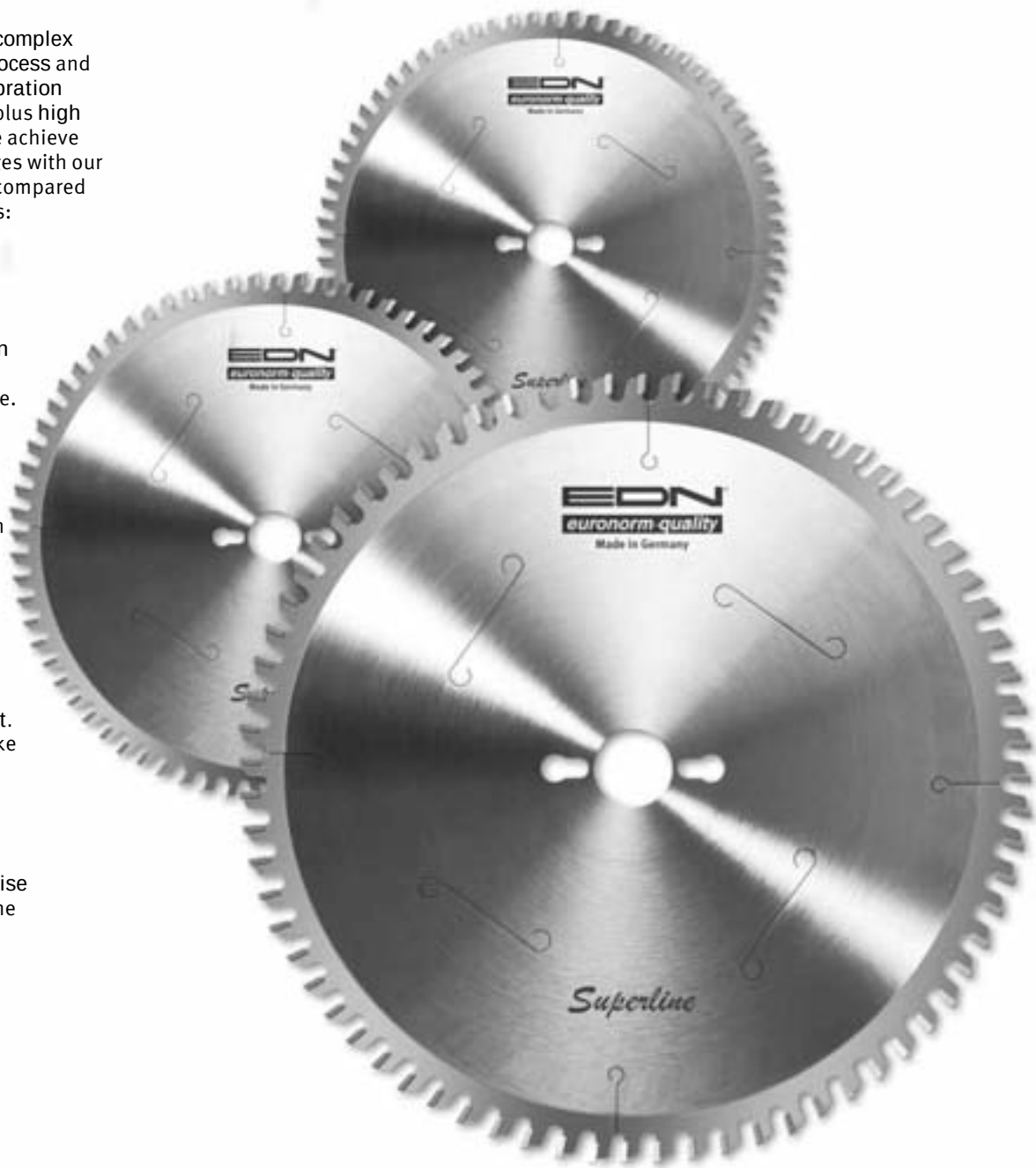
H	Hollow tooth
HW	Carbide tipped
HS	High speed steel
K	Conical tooth
KN	Keyway
KNL	Combined pin holes
KNLF	Combined pin holes for all typical machines
n	Rotation speed
NL	Pin holes
OR	Open rakers

R	Rakers
SL	Countersunk holes
SP	Chrome steel
TF	Triple-chip-flat tooth
TH	Triple-chip-hollow tooth
VPE	Packing unit
W	Alternate bevel tooth
WA	Alternate bevel tooth with chip limiter
WD	Alternate bevel tooth thin Kerf
WG	Alternate bevel tooth low noise
Z	Amount of teeth



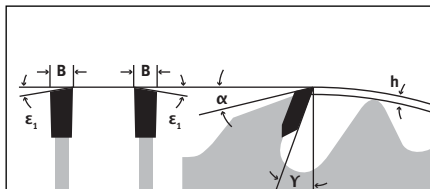
By the use of a complex production process and insertion of vibration absorbing laser slots plus high quality carbide tips we achieve the following advantages with our Superline saw blades compared to standard saw blades:

- ▷ Highest possible vibration absorption and thereby a quiet running performance.
- ▷ Increased durability because of reduction of vibration caused abrasion.
- ▷ Better cutting result. The cut surface is like a plane cut.
- ▷ Reduction of the noise level according to the machine type.



132 LWS – *Superline*

Rip circular saw blades with deflectors for longitudinal and cross cuts.



Characteristics:

- ▷ Positive tooth angle
- ▷ Chip thickness limitation
- ▷ Kick back reduction
- ▷ Increased durability due to using microstructure carbide grade
- ▷ Noise reduction by insertion of vibration absorbing laser slots
- ▷ Vibration reduced

Application:

All-purpose for longitudinal and cross cuts in

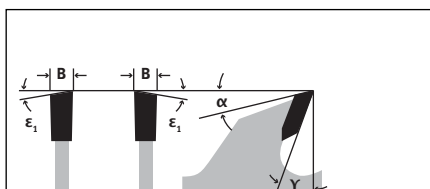
- ▷ Natural wood
- Separating- and sizing cuts in:
 - ▷ Panel Materials
 - ▷ Also single-side veneered
 - ▷ and plastic-coated

The professional rip saw blade for the craftsman's establishment.

D	B	d	Z =		Art.-Nr.	€
250	3,2	30	24	KNLF	132 250 300	
300	3,4	30	28	KNLF	132 300 300	
355	3,6	30	32	KNLF	132 355 300	
400	4,0	30	36	KNL	132 400 300	
450	4,0	30	40	KNL	132 450 300	
500	4,0	30	44	KNL	132 500 300	

140 UWS – *Superline*

Alternate bevel saw blade



Characteristics:

- ▷ Positive tooth angle
- ▷ Increased durability due to using microstructure carbide grade
- ▷ Noise reduction by insertion of vibration absorbing laser slots
- ▷ Vibration reduced

Anwendung:

For longitudinal and cross cuts in

- ▷ Soft and hard natural wood
- ▷ Exotic wood and high-grade timber
- ▷ Chipboards
- ▷ Veneers

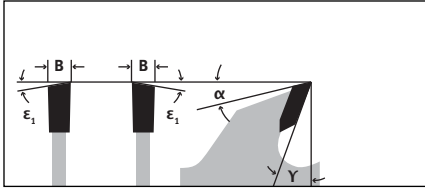
For separating- and sizing cuts in

- ▷ Panel materials single-sided veneered or plastic-coated
- ▷ Resin impregnated paper
- ▷ Laminated fabric
- ▷ Mineral fibre panels
- ▷ Rock wool panels
- ▷ Plasterboards

D	B	d	Z =		Art.-Nr.	€
250	3,2	30	40	KNLF	140 250 300	
300	3,2	30	48	KNLF	140 300 300	
350	3,6	30	54	KNLF	140 350 300	
400	3,6	30	60	KNL	140 400 300	

142 KWS – Superline

Alternate bevel saw blade



Characteristics:

- ▷ Positive tooth angle
- ▷ Increased durability due to using microstructure carbide grade
- ▷ Noise reduction by insertion of vibration absorbing laser slots
- ▷ Vibration reduced

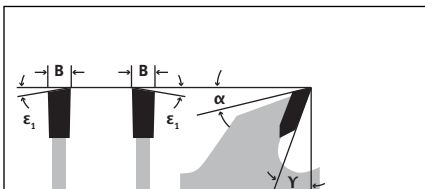
Allocation:

- For separating- and sizing cuts in
- ▷ single side high-grade veneered panel materials
 - ▷ Plastic-coated panel materials

D	B	d	Z =	Art.-Nr.	€
250	3,2	30	60 KNLF	142 250 300	
300	3,2	30	72 KNLF	142 300 300	
350	3,6	30	84 KNLF	142 350 300	
400	3,6	30	96 KNL	142 400 300	

143 VWS – Superline

Multi tooth alternate bevel tooth saw blades for fine cuts



Characteristics:

- ▷ Positive tooth angle
- ▷ Increased durability due to using microstructure carbide grade
- ▷ Noise reduction by insertion of vibration absorbing laser slots
- ▷ Vibration reduced

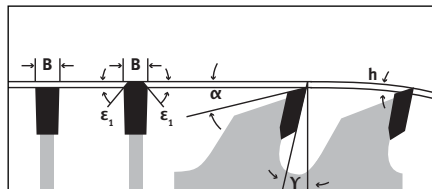
Anwendung:

- For separating- and sizing cuts in
- ▷ single and double sided high grade veneered panel materials (cutting height max. 25 mm)
 - ▷ single and double sided high grade plastic-coated panel materials (cutting height max. 25 mm)
 - ▷ duroplastic and thermoplastic plastics (cutting height max. 10 mm)
 - ▷ Resin impregnated paper (cutting height max. 10 mm)
 - ▷ Resin impregnated fabric (cutting height max. 10 mm)

D	B	d	Z =	Art.-Nr.	€
250	3,2	30	80 KNLF	143 250 300	
300	3,2	30	96 KNLF	143 300 300	
350	3,6	30	108 KNLF	143 350 300	
400	3,6	30	120 KNL	143 400 300	

160 KTS – Superline

Triple-Chip-Flat tooth saw blades for plastics



Characteristics:

- ▷ Positive tooth angle
- ▷ Increased durability due to using microstructure carbide grade
- ▷ Noise reduction by insertion of vibration absorbing laser slots
- ▷ Vibration reduced

Allocation:

For cross and panel-sizing cuts in

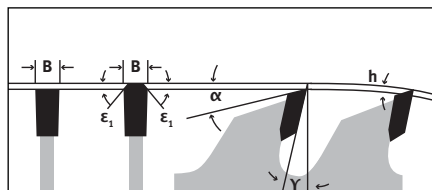
- ▷ thermoplastic plastics (max. 30 mm cutting height)
- ▷ duroplastic plastics (max. 15 mm cutting height)
- ▷ panel materials single- or double-sided veneered or plastic-coated (preferably together with a scoring blade type RSE, see page 31)

For use on panel-sizing saws, crosscut saws, mitre saws and saw benches.

D	B	d	Z =	◆◆◆	Art.-Nr.	€
250	3,2	30	60	KNLF	160 250 300	
300	3,2	30	72	KNLF	160 300 300	
350	3,5	30	84	KNLF	160 350 300	

161 VTS – Superline

Triple-Chip-Flat tooth saw blades for plastic



Characteristics:

- ▷ Positive tooth angle
- ▷ Increased durability due to using microstructure carbide grade
- ▷ Noise reduction by insertion of vibration absorbing laser slots
- ▷ Vibration reduced

Allocation:

For cross and panel-sizing cuts in

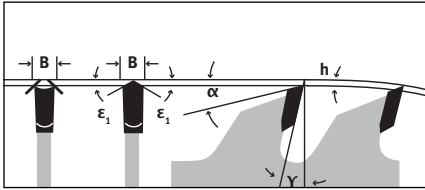
- ▷ panel materials single- or double-sided veneered or plastic-coated
- ▷ thermoplastic plastics (max. 8 mm cutting height)
- ▷ duroplastic plastics (max. 5 mm cutting height)
- ▷ wood stripes, picture frames and plastic profiles

For use on panel-sizing saws, crosscut saws, mitre saws and saw benches.

D	B	d	Z =	◆◆◆	Art.-Nr.	€
250	3,2	30	80	KNLF	161 250 300	
300	3,2	30	96	KNLF	161 300 300	
350	3,5	30	108	KNLF	161 350 300	

198 KDTH – *Superline*

Newly developed tooth form for veneered panel material



Characteristics:

- ▷ Positive tooth angle
- ▷ Increased durability due to using microstructure carbide grade
- ▷ Noise reduction by insertion of vibration absorbing laser slots
- ▷ Vibration reduced
- ▷ Our grinding manual is available on request

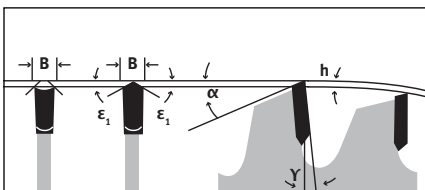
Allocation:

- For cuts with high quality demand
- ▷ Panel material single- or double-sided veneered or plastic-coated (panel height max. 25 mm)
- For use on all typical panel-sizing saws and bench saws

D	B	d	Z =	◆◆◆	Art.-Nr.	€
220	3,2	30	48	2/7/42	198 220 300	
253	3,2	30	60	KNLF	198 253 300	
303	3,2	30	72	KNLF	198 303 300	
350	3,2	30	84	KNLF	198 350 300	

199 KDTH neg. – *Superline*

Newly developed tooth form for veneered panel material



Characteristics:

- ▷ Negative tooth angle with konkave tooth breast, taper tap and regroover
- ▷ Increased durability due to using microstructure carbide grade
- ▷ Noise reduction by insertion of vibration absorbing laser slots
- ▷ Vibration reduced
- ▷ Our grinding manual is available on request

Anwendung:

- For cuts with high quality demand
- ▷ Panel material single- or double-sided veneered or plastic-coated (panel height max. 25 mm)
- For use on vertical panel-sizing saws without pre-scoring possibility like e.g. Haffner, Holz Her, Striebig

D	B	d	Z =	◆◆◆	Art.-Nr.	€
253	3,2	30	60	KNLF	199 253 300	
303	3,2	30	72	KNLF	199 303 300	



Custom Made Products

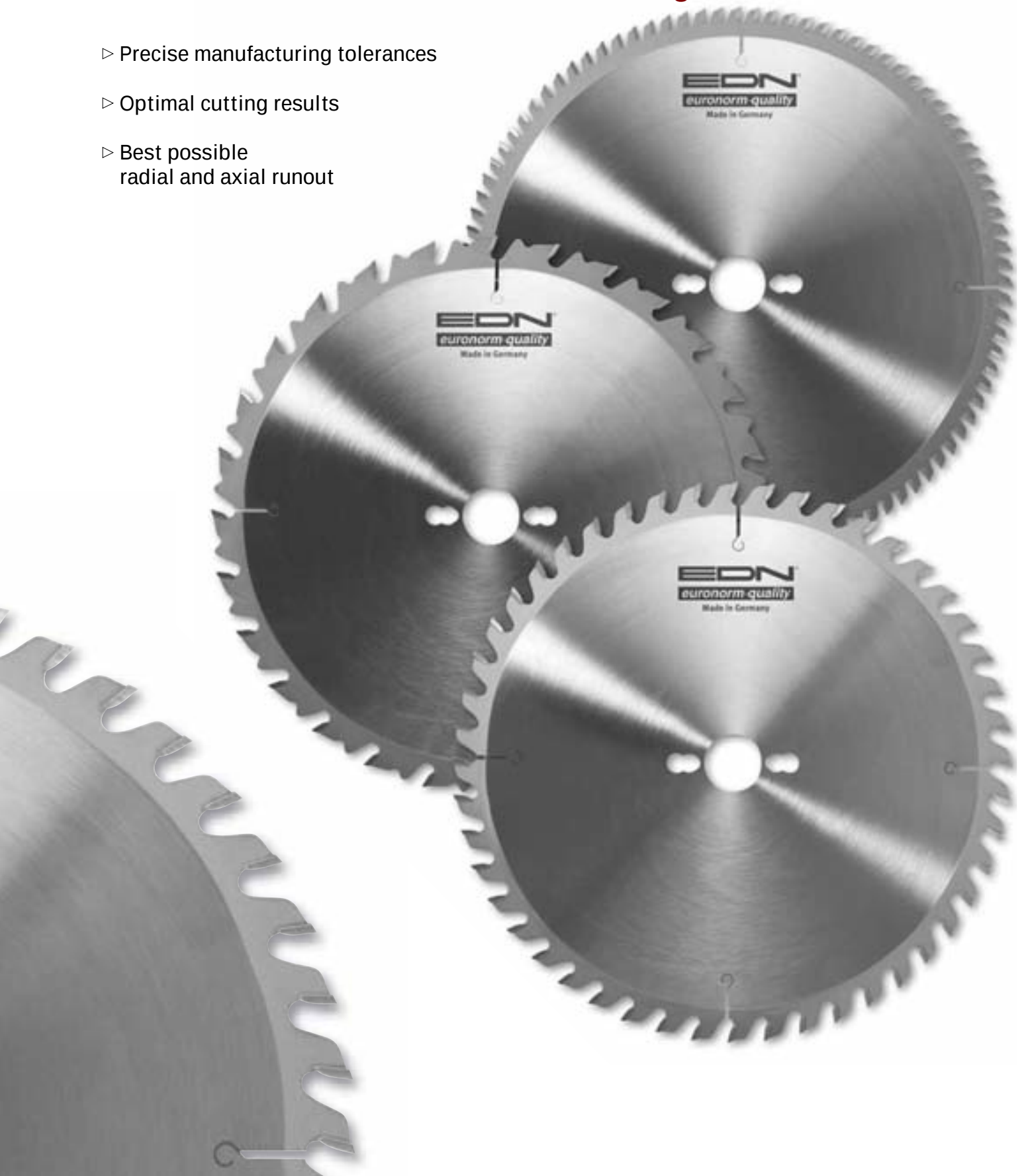
Due to the use of the latest laser technology and CAD/CAM systems we are able to produce custom made products to your needs.

Our knowledge and experience helps to reduce costs and delivery time.



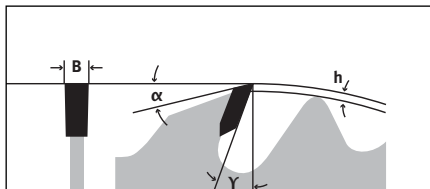
HW (HM) Carbide tipped saw blades in Standard-Design

- ▷ Precise manufacturing tolerances
- ▷ Optimal cutting results
- ▷ Best possible
radial and axial runout



030 LFZ 1 – *Standard*

Rip circular saw blades with deflectors for longitudinal cuts



Characteristics:

- ▷ Flat tooth – positive tooth angle
- ▷ Chip thickness limitation
- ▷ Kick back reduction
- ▷ With lasered expansion slots
- ▷ Noise reduced

Allocation:

For longitudinal cuts in

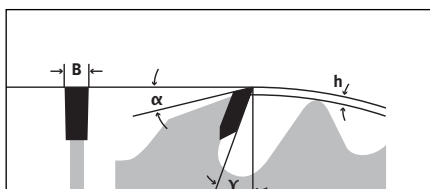
- ▷ soft natural wood
- ▷ hard natural wood

The ideal rip saw blade for the craftsman's establishment

D	B	d	Z =		Art.-Nr.	€
250	3,2	30	12	KNLF	030 250 300	
300	3,4	30	12	KNLF	030 300 300	
315	3,4	30	12	KNLF	030 315 300	
355	3,6	30	16	KNLF	030 355 300	
400	4,0	30	18	KNLF	030 400 300	
450	4,0	30	20	KNLF	030 450 300	
500	4,0	30	22	KNL	030 500 300	

031 LFZ 2 – *Standard*

Rip circular saw blades with deflectors for longitudinal and cross cuts



Characteristics:

- ▷ Flat tooth – positive tooth angle
- ▷ Chip thickness limitation
- ▷ Kick back reduction
- ▷ With lasered expansion slots
- ▷ Noise reduced

Allocation:

For longitudinal and cross cuts in

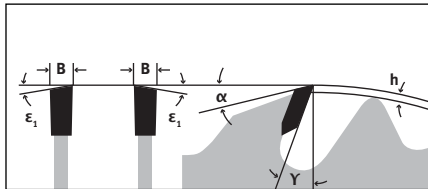
- ▷ soft natural wood
- ▷ hard natural wood

The ideal rip saw blade for the craftsman's establishment for cutting in fibre direction

D	B	d	Z =		Art.-Nr.	€
200	3,2	30	14	2/7/42	031 200 300	
250	3,2	30	18	KNLF	031 250 300	
300	3,4	30	20	KNLF	031 300 300	
315	3,4	30	20	KNLF	031 315 300	
355	3,6	30	24	KNLF	031 355 300	
400	4,0	30	28	KNLF	031 400 300	
450	4,0	30	32	KNLF	031 450 300	
500	4,0	30	36	KNL	031 500 300	

032 LWZ – *Standard*

Rip saw blade for with deflectors for longitudinal and cross cuts



Characteristics:

- ▷ Alternate tooth bevel – positive tooth angle
- ▷ Chip thickness limitation
- ▷ With lasered expansion slots
- ▷ Kick back reduction
- ▷ Noise reduced

Allocation:

Universal for longitudinal and cross cuts in

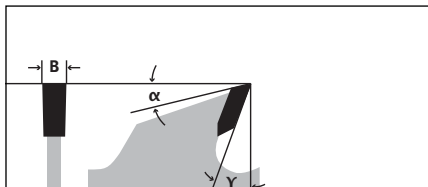
- ▷ natural wood
 - For separating and sizing cuts in
- ▷ panel material
- ▷ also single sided veneered
- ▷ or plastic-coated

The ideal rip saw blade for the craftsman's establishment

D	B	d	Z =	◆◆◆	Art.-Nr.	€
250	3,2	30	24	KNLF	032 250 300	
300	3,4	30	28	KNLF	032 300 300	
315	3,4	30	28	KNLF	032 315 300	
330	3,6	30	28	KNL	032 330 300	
355	3,6	30	32	KNLF	032 355 300	
400	4,0	30	36	KNLF	032 400 300	
450	4,0	30	40	KNLF	032 450 300	
500	4,0	30	44	KNL	032 500 300	
550	5,0	30	48	KNL	032 550 300	
600	5,0	30	48		032 600 300	

033 LF – *Standard*

Rip saw blade without deflectors for deep cuts



Characteristics:

- ▷ Flat tooth – positive tooth angle
- ▷ With lasered expansion slots
- ▷ Noise reduced
- ▷ From 450 mm Ø with cooling slots

Allocation:

For deep cuts in fibre direction in

- ▷ thick natural wood soft
- ▷ thick natural wood hard

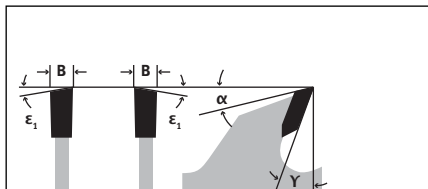
With big chip space

For use in bench saws and gang saws

D	B	d	Z =	◆◆◆	Art.-Nr.	€
250	3,2	30	18	KNL	033 250 300	
280	3,2	30	18		033 280 300	
300	3,4	30	20	KNL	033 300 300	
300	3,4	70	20	2 KN 20 x 6 mm	033 300 700	
350	3,6	30	24	KNL	033 350 300	
350	3,6	70	24	2 KN 20 x 6 mm	033 350 700	
400	4,0	30	28	KNL	033 400 300	
450	4,0	30	32	KNL	033 450 300	
500	4,0	30	36	KNLF	033 500 300	

039 QW – Standard

Alternate tooth bevel for cross cuts



Characteristics:

- ▷ Positive tooth angle
- ▷ With lasered expansion slots
- ▷ Noise reduced

Allocation:

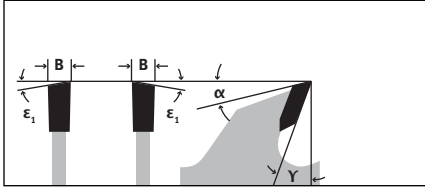
- For cross and partial longitudinal cuts in
- ▷ natural wood soft
 - ▷ natural wood hard
 - ▷ veneered panel material longitudinal to the fibre direction

D	B	d	Z =	◆◆◆	Art.-Nr.	€
180	3,0	30	22	2/7/42	039 180 300	
190	3,0	30	24	2/7/42	039 190 300	
200	3,0	30	24	2/7/42	039 200 300	
210	3,0	30	24	2/7/42	039 210 300	
220	3,0	30	24	2/7/42	039 220 300	
225	3,0	30	24	2/7/42	039 225 300	
230	3,0	30	24	2/7/42	039 230 300	
240	3,0	30	24	2/7/42	039 240 300	
250	3,2	30	30	KNLF	039 250 300	
300	3,2	30	36	KNLF	039 300 300	
315	3,2	30	36	KNLF	039 315 300	
320	3,2	30	36	2/7/42	039 320 300	
335	3,2	30*/25	36		039 335 300	
350	3,6	30	42	KNLF	039 350 300	
400	3,6	30	48	KNLF	039 400 300	
450	4,0	30	54	KNLF	039 450 300	
500	4,0	30	60	KNL	039 500 300	

* Fix bore/second bore with reducing ring

040 UW – *Standard*

Alternate tooth bevel - universal



Characteristics:

- ▷ Positive tooth angle
- ▷ With lasered expansion slots
- ▷ Noise reduced
- ▷ In *ATS* (Anti-Sound) design and additional vibration and noise reduction damper slots, see Page 19

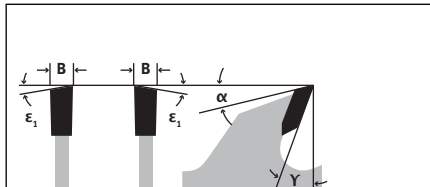
Allocation:

- For cross and longitudinal cuts in
- ▷ natural wood hard and soft
 - ▷ exotic wood and high grade timbers
 - ▷ chipboards
 - ▷ veneered panels
- For separating and sizing cuts in
- ▷ panel material single sided veneered or plastic-coated
 - ▷ resin impregnated paper and fabric
 - ▷ mineral fibre panels
 - ▷ rock wool panels and plasterboards

D	B	d	Z =	◆◆◆	Art.-Nr.	€
150	3,0	30	24	2/7/42	040 150 300	
180	3,0	30	30	2/7/42	040 180 300	
200	3,0	30	34	2/7/42	040 200 300	
220	3,0	30	34	2/7/42	040 220 300	
230	3,0	30	34	2/7/42	040 230 300	
250	3,2	30	40	KNLF	040 250 300	
250	3,2	30	40	KNLF	040 250 307 * <i>ATS</i>	
280	3,2	30	48		040 280 300	
290	3,2	30	48		040 290 300	
300	3,2	30	48	KNLF	040 300 300	
300	3,2	30	48	KNLF	040 300 307 * <i>ATS</i>	
315	3,2	30	48	KNLF	040 315 300	
350	3,6	30	54	KNLF	040 350 300	
350	3,6	30	54	KNLF	040 350 307 * <i>ATS</i>	
400	3,6	30	60	KNLF	040 400 300	
450	4,0	30	66	KNLF	040 450 300	
500	4,0	30	72	KNL	040 500 300	

041 GW – Standard

Alternate tooth bevel - universal



Characteristics:

- ▷ Positive tooth angle
- ▷ With lasered expansion slots
- ▷ Noise reduced

Allocation:

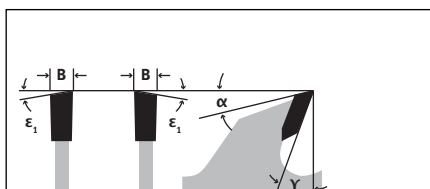
like UW –but with higher requirements in the cutting results.



D	B	d	Z =		Art.-Nr.	€
150	3,0	30	30	2/7/42	041 150 300	
200	3,0	30	42	2/7/42	041 200 300	
230	3,0	30	42	2/7/42	041 230 300	
250	3,2	30	48	KNLF	041 250 300	
300	3,2	30	60	KNLF	041 300 300	
350	3,6	30	72	KNLF	041 350 300	
400	3,6	30	84	KNLF	041 400 300	

042 KW – Standard

Alternate tooth bevel - universal



Characteristics:

- ▷ Positive tooth angle
- ▷ With lasered expansion slots
- ▷ Noise reduced
- ▷ In *ATS* (Anti-Sound) design and additional vibration and noise reduction damper slots, see Page 19

Allocation:

- For separating and sizing cuts in
- ▷ single sided high grade veneered panel material
 - ▷ plastic-coated panel material

Whenever you need the best cutting result.



D	B	d	Z =		Art.-Nr.	€
150	3,0	30	36	2/7/42	042 150 300	
180	3,0	30	42	2/7/42	042 180 300	
190	3,0	30	48	2/7/42	042 190 300	
200	3,0	30	48	2/7/42	042 200 300	
230	3,0	30	48	2/7/42	042 230 300	
240	3,0	30	48	2/7/42	042 240 300	
250	3,2	30	60	KNLF	042 250 300	
250	3,2	30	60	KNLF	042 250 307 * <i>ATS</i>	
280	3,2	30	66		042 280 300	
300	3,2	30	72	KNLF	042 300 300	

042 KW – Standard

continuation

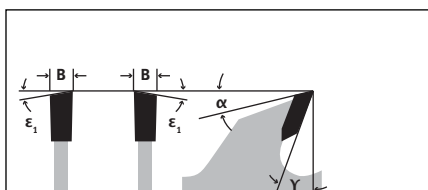
Alternate tooth bevel - universal



D	B	d	Z =	◆◆◆	Art.-Nr.	€
300	3,2	30	72	KNLF	042 300 307 *ATS	
315	3,2	30	72	KNLF	042 315 300	
350	3,6	30	84	KNLF	042 350 300	
350	3,6	30	84	KNLF	042 350 307 *ATS	
400	3,6	30	96	KNLF	042 400 300	
450	4,0	30	108	KNLF	042 450 300	
500	4,0	30	120	KNL	042 500 300	

043 VW – Standard

Multi tooth alternate bevel tooth saw blade for fine cuts



Characteristics:

- ▷ Positive tooth angle
- ▷ With expansion slots

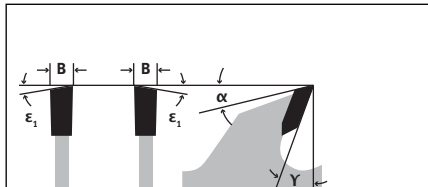
Allocation:

- For separating and sizing cuts in
- ▷ panel material single or double sided high grade veneered or plastic-coated (max. 25 mm cutting height)
 - ▷ thermoplastic plastics
 - ▷ duroplastic plastics
 - ▷ resin impregnated paper and fabric (max. 10 mm cutting height)

D	B	d	Z =	◆◆◆	Art.-Nr.	€
150	3,0	30	48	2/7/42	043 150 300	
180	3,0	30	56	2/7/42	043 180 300	
200	3,0	30	64	2/7/42	043 200 300	
220	3,0	30	64	2/7/42	043 220 300	
230	3,0	30	64	2/7/42	043 230 300	
250	3,2	30	80	KNLF	043 250 300	
280	3,2	30	88		043 280 300	
300	3,2	30	96	KNLF	043 300 300	
330	3,2	30	104		043 330 300	
350	3,6	30	108	KNLF	043 350 300	
400	3,6	30	120	KNLF	043 400 300	
450	4,0	30	132	KNLF	043 450 300	

095 KWG – *Standard*

Alternate bevel tooth saw blade for crosscut saws noise reduced



Characteristics:

- ▷ Positive tooth angle
- ▷ Noise reduced through a special saw body construction and tooth geometry

Noise reduction up to 20 db(A)

Allocation:

For separating cuts in

- ▷ single sided high grade veneered panel material
- ▷ plastic profiles
- ▷ wood stripes and picture frames

Particularly recommended where narrow guards create high pitched whistling noises with conventional saw blades. Therefore to use especially on crosscut and mitre saws.

D	B	d	Z =	◆◆◆	Art.-Nr.	€
250	3,2	30	60	KNL	095 250 300	
300	3,2	30	72	KNL	095 300 300	
350	3,6	30	84	KNL	095 350 300	



ATS (Anti-Sound)**Characteristics:**

- ▷ With laser slots

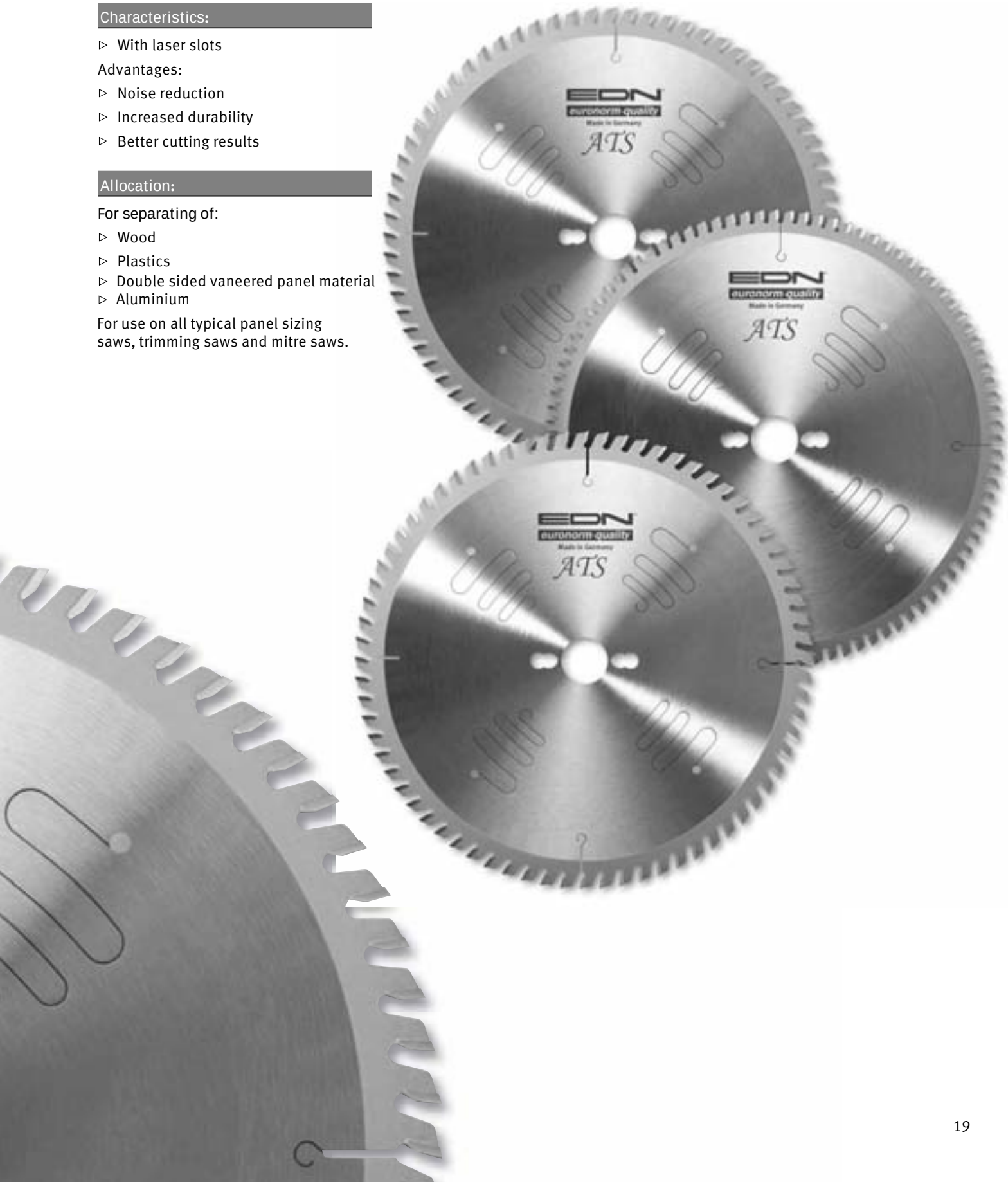
Advantages:

- ▷ Noise reduction
- ▷ Increased durability
- ▷ Better cutting results

Allocation:**For separating of:**

- ▷ Wood
- ▷ Plastics
- ▷ Double sided veneered panel material
- ▷ Aluminium

For use on all typical panel sizing saws, trimming saws and mitre saws.



ATS (Anti-Sound)

D	B	d	Z =		Art.-Nr.	€
Type 040 UW						
250	3,2	30	40	KNLF	040 250 307 *ATS	
300	3,2	30	48	KNLF	040 300 307 *ATS	
350	3,6	30	54	KNLF	040 350 307 *ATS	
Type 042 KW						
250	3,2	30	60	KNLF	042 250 307 *ATS	
300	3,2	30	72	KNLF	042 300 307 *ATS	
350	3,6	30	84	KNLF	042 350 307 *ATS	
Type 055/155 KDH pos/neg						
303	3,2	30	60pos	KNLF	055 303 307 *ATS	
303	3,2	30	60neg	KNL	155 303 307 *ATS	
Type 071/074 NE2 pos/neg						
250	3,2	30	60pos	KNLF	071 250 307 *ATS	
250	3,2	30	60neg	KNLF	074 250 307 *ATS	
300	3,2	30	72pos	KNLF	071 300 307 *ATS	
300	3,2	30	72neg	KNLF	074 300 307 *ATS	
350	3,2	30	84pos	KNL	071 350 307 *ATS	
350	3,2	30	84neg	KNL	074 350 307 *ATS	
Other types and dimensions on request.						

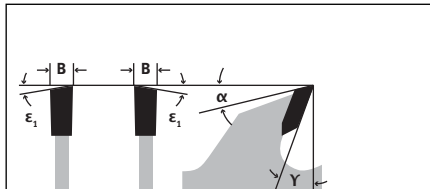


HW (HM) Carbide tipped
saw blades for special
applications



144 LWD – *Special*

Alternate bevel tooth saw blade for longitudinal cuts - thin kerf



Characteristics:

- ▷ Positive tooth angle
- ▷ With lasered expansion slots
- ▷ Noise reduced
- ▷ Low cut wastage

Allocation:

- ▷ for solid timber
- ▷ for cutting battens and panelling
- ▷ with big chip space
- ▷ ideal for ripping

Cutting height max. 30 mm.

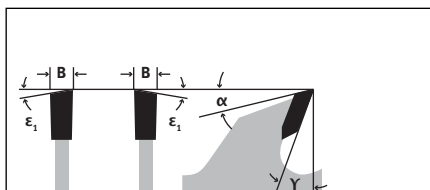
The clamping flange should not be smaller than 1/3 of the diameter of the saw blade.



D	B	d	Z =	◆ ◆ ◆	Art.-Nr.	€
200	2,2	30	20	–	144 200 300	
250	2,2	30	24	–	144 250 300	
300	2,2	30	28	2/10/60	144 300 300	
350	2,4	30	32	2/10/60	144 350 300	

044 UWD – *Special*

Alternate bevel tooth saw blade universal - thin kerf



Characteristics:

- ▷ Positive tooth angle
- ▷ With lasered expansion slots
- ▷ Noise reduced
- ▷ Low cut wastage

Allocation:

- For separation cuts in
- ▷ High grade timber
 - ▷ Vaneers

Cutting height max. 30 mm.

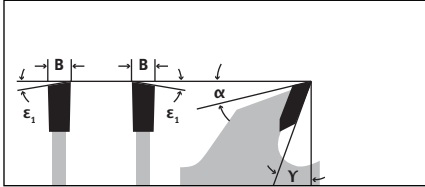
The clamping flange should not be smaller than 1/3 of the diameter of the saw blade.



D	B	d	Z =	◆ ◆ ◆	Art.-Nr.	€
150	2,2	30	24	–	044 150 300	
180	2,2	30	30	–	044 180 300	
200	2,2	30	34	–	044 200 300	
250	2,2	30	40	–	044 250 300	
300	2,2	30	48	2/10/60	044 300 300	
350	2,4	30	54	2/10/60	044 350 300	

045 VWD – *Special*

Multi tooth alternate bevel tooth saw blade - thin kerf



Characteristics:

- ▷ Positive tooth angle
- ▷ With lasered expansion slots
- ▷ Noise reduced
- ▷ Low cut wastage

Allocation:

For separating and sizing cuts in

- ▷ panel materials double sided high grade veneered or plastic-coated
- ▷ thermoplastic plastics
- ▷ duroplastic plastics
- ▷ resin impregnated paper and fabric

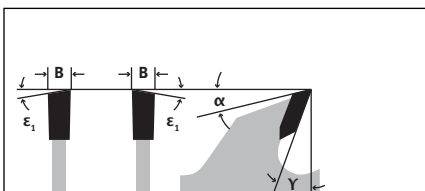
Cutting height max. 30 mm.

The clamping flange should not be smaller than 1/3 of the diameter of the saw blade.

D	B	d	Z =		Art.-Nr.	€
150	2,2	30	48	—	045 150 300	
180	2,2	30	56	—	045 180 300	
200	2,2	30	64	—	045 200 300	
250	2,2	30	80	—	045 250 300	
300	2,2	30	96	2/10/60	045 300 300	
350	2,4	30	108	2/10/60	045 350 300	

046 FWD – *Special*

Multi tooth alternate bevel tooth saw blade - thin kerf



Characteristics:

- ▷ Positive tooth angle
- ▷ With lasered expansion slots
- ▷ Noise reduced
- ▷ Low cut wastage

Allocation:

For separating cuts in

- ▷ veneers, longitudinal and cross to the direction of fibre
- ▷ thin walled plastic- and aluminium-profiles

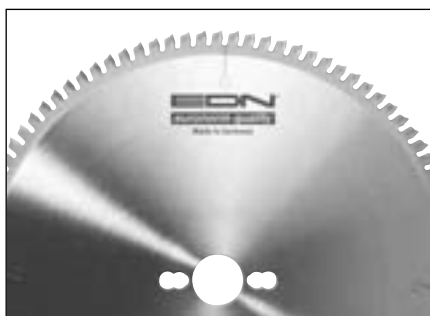
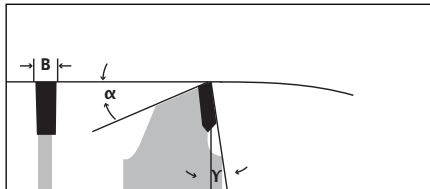
Cutting height max. 8 mm, acryl glass max. 5 mm.

The clamping flange should not be smaller than 1/3 of the diameter of the saw blade.

D	B	d	Z =		Art.-Nr.	€
150	2,2	30	60	—	046 150 300	
200	2,2	30	80	—	046 200 300	
250	2,2	30	100	—	046 250 300	
300	2,2	30	120	2/10/60	046 300 300	

047 NFD – *Special*

Flat tooth saw blade for mitre saws - thin kerf



Characteristics:

- ▷ Negative tooth angle
- ▷ With lasered expansion slots
- ▷ Noise reduced
- ▷ Low cut wastage

Allocation:

Particularly suitable for all materials where the saw blade is guided from above (mitre saw) :

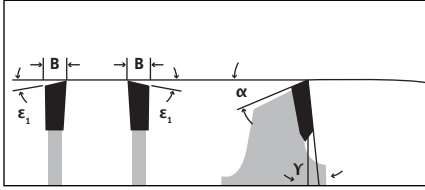
- ▷ shutter profiles
- ▷ thin walled plastic profiles
- ▷ aluminium panels

The clamping flange should not be smaller than 1/3 of the diameter of the saw blade.

D	B	d	Z =		Art.-Nr.	€
250	2,2	30	100	–	047 250 300	
300	2,2	30	120	2/10/60	047 300 300	

063 WKN – *Special*

Alternate bevel saw blades für mitre saws, bench saws and panel saws



Characteristics:

- ▷ Negative tooth angle
- ▷ With lasered expansion slots
- ▷ Noise reduced

Allocation:

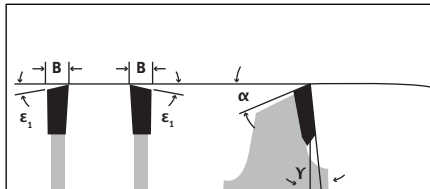
- For cross cuts in
- ▷ natural wood soft
 - ▷ natural wood hard
 - ▷ panel material veneered or coated
 - ▷ duroplastic plastics
 - ▷ thermoplastic plastics
 - ▷ profiles, stripes and picture frames

The negative tooth angle avoids autonomous implication of the material.

D	B	d	Z =	◆◆◆	Such-Nr.	Art.-Nr.	€
209	2,6	30	24	–	gelb 20b	063 209 300	
209	2,6	30	48	–	orange 20b	063 209 301	
216	2,6	30	24	–	gelb 23	063 216 300	
216	2,6	30	48	–	orange 23	063 216 301	
216	2,6	30	60	–	gold 23b	063 216 302	
250	3,0	30	24	–	weiß 28e	063 250 300	
250	3,0	30	48	–	gelb 28e	063 250 301	
250	3,0	30	60	–	orange 28e	063 250 302	
250	3,0	30	80	–	gold 28e	063 250 303	
260	2,5	30	24	–	–	063 260 300	
260	2,5	30	48	–	–	063 260 301	
260	2,5	30	60	–	–	063 260 302	
260	2,5	30	80	–	–	063 260 303	
300	3,2	30	48	KNL	–	063 300 300	
305	3,2	30	60	–	–	063 305 300	
305	3,2	30	96	–	–	063 305 301	
350	3,5	30	108	KNL	–	063 350 300	

062 LWP – *Special*

Alternate bevel tooth saw blade for pendulum saws and mitre saws



Characteristics:

- ▷ Negative tooth angle
- ▷ With lasered expansion slots

Allocation:

For cross cuts in

- ▷ natural wood soft
- ▷ natural wood hard
- ▷ plastic profiles

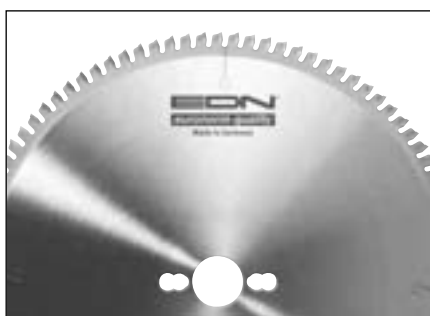
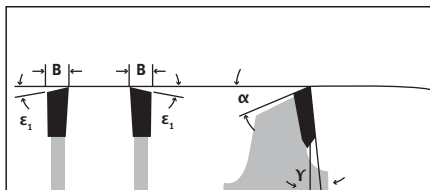
on pendulum saws and mitre saws

The negative tooth angle avoids autonomous implication of the material.

D	B	d	Z =	◆◆◆	Art.-Nr.	€
350	4,4	30	42	KNL	062 350 300	
380	4,4	30	40	2/10/60	062 380 300	
400	4,4	30	48	KNL	062 400 300	
420	4,4	30	54	2/10/60	062 420 300	
420	4,4	40	54	–	062 420 400	
450	4,4	30	54	KNL	062 450 300	
500	4,4	30	40	KNL	062 500 301	
500	4,4	30	60	KNL	062 500 300	
520	4,4	30	60	2/10/60	062 520 300	
520	4,4	50	60	–	062 520 500	
550	5,0	30	64	KNL	062 550 300	
600	5,2	30	72	KNL	062 600 300	

064 VWN – *Special*

Fine tooth saw blades with 35° bevel angle for bench-, sizing-, panel- and mitre saws



Characteristics:

- ▷ Negative tooth angle
- ▷ With lasered expansion slots
- ▷ Noise reduced
- ▷ Increased durability due to using microstructure carbide grade

Allocation:

For cross and partially longitudinal cuts in

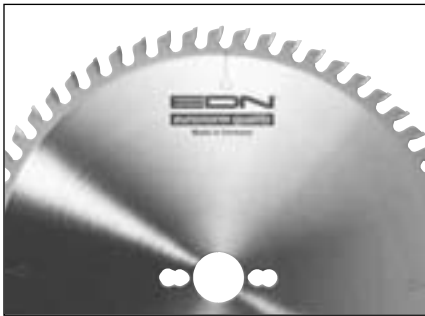
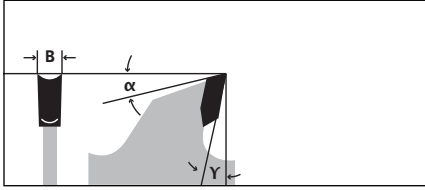
- ▷ natural wood hard and soft
- ▷ panel material double sided veneered or coated
- ▷ duro- and thermoplastic plastics
- ▷ profiles, tripes and picture frames

Cutting height max. 25 mm
High grade cutting quality even without pre-scoring

D	B	d	Z =	◆◆◆	Art.-Nr.	€
220	3,2	30	68	2/7/42	064 220 300	
250	3,2	30	78	KNL	064 250 300	
303	3,2	30	94	KNLF	064 303 300	
350	3,5	30	108	KNL	064 350 300	

051 UH – *Special*

Hollow tooth saw blade for veneers



Characteristics:

- ▷ Positive tooth angle with concave tooth breast
- ▷ With lasered extension slots
- ▷ Increased durability due to using microstructure carbide grade

Allocation:

For plane cuts in

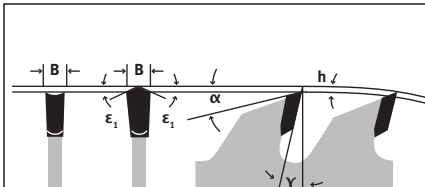
- ▷ plywood
- ▷ chipboard
- ▷ blockboards
- ▷ fibreboard
- ▷ compressed wood, single or double sided veneered

Cutting height max. 30 mm

D	B	d	Z =	◆◆◆	Art.-Nr.	€
250	3,2	30	40	KNLF	051 250 300	
300	3,2	30	48	KNLF	051 300 300	
350	3,5	30	54	KNL	051 350 300	

058 VTH – *Special*

Hollow tooth triple-chip-flat tooth saw blade for picture frames



Characteristics:

- ▷ Positive tooth angle
- ▷ Triple-chip-hollow with concave tooth breast and staggered teeth
- ▷ With lasered extension slots
- ▷ Noise reduced
- ▷ Increased durability due to using microstructure carbide grade

Allocation:

For chip free and plane-parallel cutting of

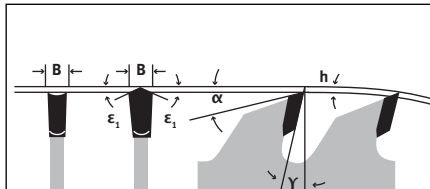
- ▷ wood stripes
- ▷ picture frames

Especially on mitre saws and cosscut saws

D	B	d	Z =	◆◆◆	Art.-Nr.	€
220	3,2	30	64	2/7/42	058 220 300	
250	3,2	30	80	KNL	058 250 300	
300	3,2	30	96	KNL	058 300 300	
350	3,5	30	108	KNL	058 350 300	

055 KDH – *Special*

Point-hollow tooth saw blade for veneered panel material



Characteristics:

- ▷ Positive tooth angle
- ▷ With concave tooth breast with taper tap and regroover
- ▷ With lasered extension slots
- ▷ Noise reduced
- ▷ In *ATS* (Anti-Sound) design and additional vibration and noise reduction damper slots, see Page 19
- ▷ Increased durability due to using microstructure carbide grade

Allocation:

For double sided chip free cuts in
▷ panel material single and double sided veneered

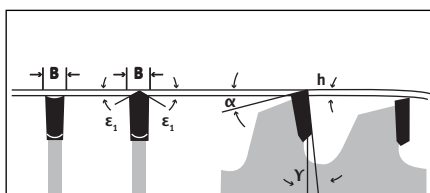
Panel thickness up to 25 mm

For use on all panel sizing saws, trimming saws and saw benches.

D	B	d	Z =	◆ ◆ ◆	Art.-Nr.	€
160	3,0	20	34	2/6/32	055 160 200	
220	3,0	30	42	2/7/42	055 220 300	
253	3,2	30	48	KNLF	055 253 300	
303	3,2	30	60	KNLF	055 303 300	
303	3,2	30	60	KNLF	055 303 307* <i>ATS</i>	
350	3,5	30	72	KNL	055 350 300	

155 KDH neg – *Special*

Point-hollow tooth saw blade for veneered panel material



Characteristics:

- ▷ Positive tooth angle
- ▷ With concave tooth breast with taper tap and regroover
- ▷ With lasered extension slots
- ▷ Noise reduced
- ▷ In *ATS* (Anti-Sound) design and additional vibration and noise reduction damper slots, see Page 19
- ▷ Increased durability due to using microstructure carbide grade

Allocation:

For double sided chip free cuts in
▷ panel material single and double sided veneered

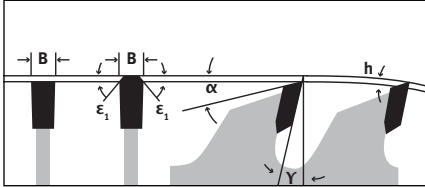
Panel thickness up to 25 mm

Especially for vertical panel dividing machines (e.g. Haffner, Holz Her, Striebig).

D	B	d	Z =	◆ ◆ ◆	Art.-Nr.	€
220	3,2	30	42	2/7/42	155 220 300	
253	3,2	30	48	KNL	155 253 300	
303	3,2	30	60	KNL	155 303 300	
303	3,2	30	60	KNL	155 303 307* <i>ATS</i>	

162 KTF – *Special*

Triple-chip-flat tooth saw blade für plastics



Characteristics:

- ▷ Positive tooth angle
- ▷ With lasered expansion slots
- ▷ Noise reduced

Allocation:

For cross and panel-sizing cuts in

- ▷ especially: thermoplastic plastics (max. 30 mm cutting height)
- ▷ duroplastic plastics (max. 15 mm cutting height)

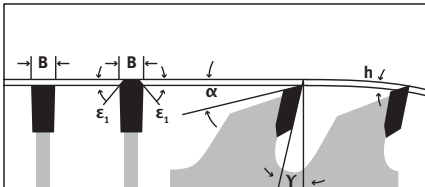
For high requirements on chip free cuts.

For use on panel-sizing saws, crosscut saws, mitre saws and saw benches

D	B	d	Z =	◆◆◆	Art.-Nr.	€
250	3,2	30	60	KNLF	162 250 300	
300	3,2	30	72	KNLF	162 300 300	
350	3,5	30	84	KNLF	162 350 300	

061 VTF – *Special*

Triple-chip-flat tooth saw blade für plastics



Characteristics:

- ▷ Positive tooth angle
- ▷ With lasered expansion slots
- ▷ Noise reduced

Allocation:

For cross and panel-sizing cuts in

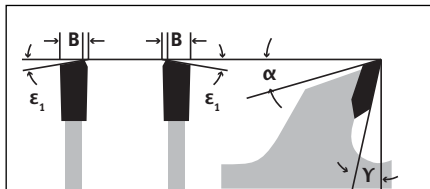
- ▷ panel materials single- or double-sided veneered or plastic-coated
- ▷ especially: duroplastic plastics (max. 5 mm cutting height)
- ▷ thermoplastic plastics (max. 8 mm cutting height)
- ▷ wood stripes and picture frames
- ▷ plastic profiles

For use on panel-sizing saws, crosscut saws, mitre saws and saw benches

D	B	d	Z =	◆◆◆	Art.-Nr.	€
250	3,2	30	80	KNLF	061 250 300	
300	3,2	30	96	KNLF	061 300 300	
350	3,5	30	108	KNLF	061 350 300	

048 VWF – *Special*

Alternate bevel tooth saw blade with chamfers especially for plastics



Characteristics:

- ▷ Alternate bevel tooth with chamfers
- ▷ Noise reduced by special laser extension slots

Allocation:

- For clean cutting of
- ▷ thermoplastic plastic profiles
 - ▷ plexiglas
 - ▷ wooden profiles
 - ▷ plastic-coated panel material

For use on panel-sizing saws, crosscut saws and mitre saws

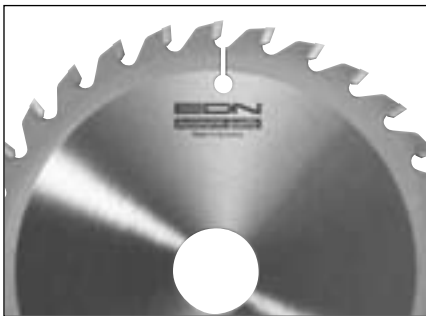
D	B	d	Z =	◆●◆	Art.-Nr.	€
250	3,2	30	80	KNLF	048 250 300	
300	3,2	30	96	KNLF	048 300 300	



160 KTS / 180 RSE scoring saw blade

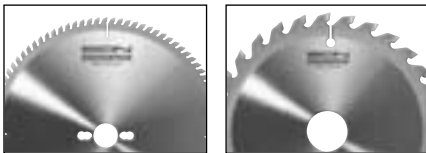


D	B	d	Z =		Art.-Nr.	€
300	3,2	30	72	KNLF	160 300 300	



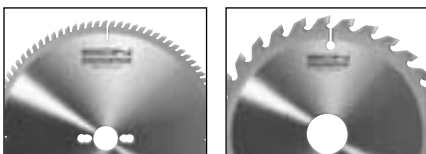
D	B	d	Z =		Art.-Nr.	€
125	3,35	20	24		180 125 200	
125	3,35	22	24		180 125 220	

Kombi-Set 1 / Kombi-Set 2



Kombi-Set 1 consisting of:					Art.-Nr.	€
Main saw blade	300 x 3,2 x 30	Z = 72	KTS			
Scoring saw blade	125 x 3,35 x 20	Z = 24	RSE		Kombi-Set 1	
To use on SCM, Holzkraft						

Delivery in wooden case

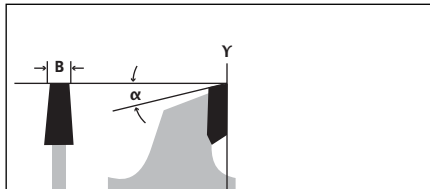


Kombi-Set 2 consisting of:					Art.-Nr.	€
Main saw blade	300 x 3,2 x 30	Z = 72	KTS			
Scoring saw blade	125 x 3,35 x 22	Z = 24	RSE		Kombi-Set 2	
To use on Altendorf, Martin und Felder						

Delivery in wooden case

083 RSK – *Special*

Scoring saw blade, one-piece, conical



Characteristics:

- ▷ One-piece
- ▷ Tooth form conical

Allocation:

For scoring of

- ▷ double sided plastic-coated panel material in downcut

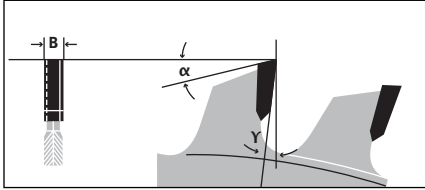
For use on panel sizing machines with scoring assembly.

Setting the cutting width by adjusting the height.

D	B	d	Z =		Art.-Nr.	Brand	€
100	3,0-4,0	20	20F	–	083 100 200	Schelling	
120	3,2-3,9	20	24F	–	083 120 200	SCM	
125	3,1-4,4	22	24F	–	083 125 220	Martin	
125	4,4-5,1	45	24W	–	083 125 450	Giben, Mayer,	
						Homag	
127	4,4-5,1	45	24F	–	083 127 450	Giben, Mayer,	
						Homag	
150	4,4-5,6	30	24F	–	083 150 300	SCM, Mayer, Irion	
150	4,4-5,1	45	24W	–	083 150 450	Homag	
160	4,4-5,1	45	28W	3/11/70	083 160 450	Giben	
160	4,4-5,1	55	36W	3/7/66	083 160 550	SCM, Gabbiani	
				2/14/110			
180	3,2-4,0	16	42F	1/6/33	083 180 160	Scheer	
180	4,4-5,6	30	28W	–	083 180 300	Panhans	
180	4,4-5,1	45	30W	–	083 180 450	Holzma, Homag	
180	4,8-5,5	45	36F	–	083 180 451	Holzma	
200	3,2-4,3	30	60W	–	083 200 300	Scheer	
200	4,4-5,1	45	36F	–	083 200 450	Holzma, Homag	
200	4,4-5,1	65	36W	2/9/110	083 200 650	Selco	
200	4,6-5,8	45	36F	–	083 200 451	Holzma	
200	4,8-5,8	20	36F	–	083 200 200	Schelling	
200	4,8-5,8	45	36F	–	083 200 450	Holzma	
320	4,8-6,0	45	48F	–	083 320 450	Holzma	

080 RS – *Special*

Scoring saw blade, two-piece, adjustable by intermediate ring



Characteristics:

- ▷ Two-piece

Allocation:

For scoring of

- ▷ double sided plastic-coated panel material in downcut

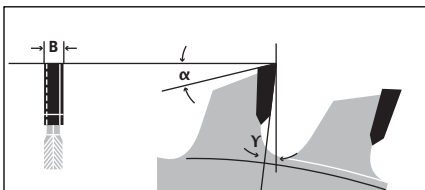
For use on panel sizing machines with scoring assembly.

Setting the cutting width by intermediate ring.

D	B	d	Z =	Art.-Nr.	Brand	€
80	2,8-3,6	20	2 x 10 –	080 080 200/RS1	Felder, GEA, Striebig	
100	2,8-3,6	20	2 x 12 –	080 100 200/RS2	SCM, Schelling Robland	
100	2,8-3,6	22	2 x 12 –	080 100 220/RS3	Martin, Panhans, Striebig	
120	2,8-3,6	20	2 x 12 –	080 120 200/RS4	Holz-Her, Maka, SCM	
120	2,8-3,6	22	2 x 12 –	080 120 220/RS5	Altendorf, Martin	
125	2,8-3,6	22	2 x 12 –	080 125 220/RS6	Panhans	
Set of intermediate rings				080 000 000		

081 RS – *Special*

Scoring saw blade, two-piece, adjustable by clamping system



Characteristics:

- ▷ Two-piece

Allocation:

For scoring of

- ▷ double sided plastic-coated panel material in downcut

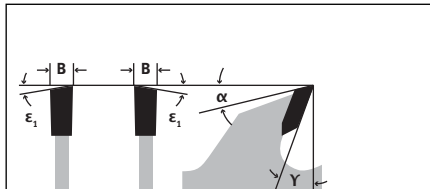
For use on panel sizing machines with scoring assembly.

Setting the cutting width by clamping system.

D	B	d	Z =	Art.-Nr.	System	€
Adapter flange-system EDN				081 000 000		
(without saw blades)						
Spare saw blades:						
120	2,8-3,6	50	2 x 12 4 SL	081 120 500/RS7	EDN, Guhdo, AKE	
120	2,8-3,6	50	2 x 12 4 SL	081 120 501/RS8	Leuco	

052-053 UWP – *Special*

Alternate bevel saw blade for horizontal panel sizing machines



Characteristics:

- ▷ Positive tooth angle
- ▷ With lasered extension slots
- ▷ From 400 mm diameter with cooling slots
- ▷ With greater carbide tip projection to prevent glazing of the saw blade

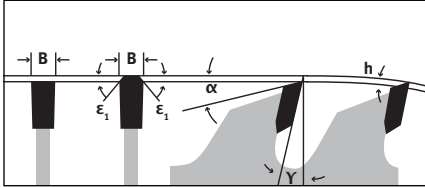
Allocation:

- For cutting of
- ▷ panel material where the binding has not yet fully hardened
 - ▷ panel material which are still warm from pressing

D	B	d	Z =		Art.-Nr.	Brand	€
300	4,4	30	48	–	052 300 300		
305	4,4	30	54	–	052 305 300	Mayer, Panhans, SCM	
305	4,4	75	54	–	052 305 750	Homag	
305	4,4	80	54	4/9/100 + 2/14/110	052 305 800	SCM	
350	4,4	30	54	KNL	052 350 300	Panhans, SCM, Scheer	
350	4,4	30	72	KNL	053 350 300	Panhans, SCM Schelling, Scheer	
355	4,4	30	54	–	052 355 300	Panhans, SCM	
355	4,4	75	54	4/15/105	052 355 750	Giben	
355	4,4	30	72	–	053 355 300	Panhans, SCM	
355	4,4	80	72	4/9/100 + 2/14/110	053 355 800	Gabbiani, SCM, SMA	
400	4,4	30	60	–	052 400 300	Mayer, Irion, Schelling	
400	4,4	75	60	4/15/105	052 400 750	Giben, Homag	
400	4,4	30	72	–	053 400 300	Mayer, Irion, Schelling	
400	4,4	80	72	2/9/130 + 4/9/120	052 400 800	Irion, Selco, SMA	
430	4,4	30	54	–	052 430 300		
430	4,4	30	72	–	053 430 300		
430	4,4	80	72	2/9/130 + 4/19/120	053 430 800	Irion, Selco, SMA	
450	4,4	30	54	2/10/60	052 450 300	Irion, Panhans, Schelling, Scheer	
450	4,4	30	72	2/10/60	053 450 300	Irion, Panhans, Schelling, Scheer	
450	4,4	80	72	2/9/130 + 4/9/120	053 450 800	SMA, Irion, Selco	
500	4,4	30	60	–	052 500 300	Schelling, Irion	
500	4,4	30	72	–	053 500 300	Schelling, Irion	
500	4,4	80	72	–	053 500 800	SMA, Teutomatic	
550	5,2	30	60	–	052 550 300		
550	5,2	80	60	–	052 550 800	SMA, Teutomatic	

054-154 PTF – *Special*

Triple-chip-flat tooth saw blade for panel sizing machines



Characteristics:

- ▷ Positive tooth angle
- ▷ With lasered extension slots
- ▷ From 400 mm diameter with cooling slots
- ▷ Increased durability due to using microstructure carbide grade

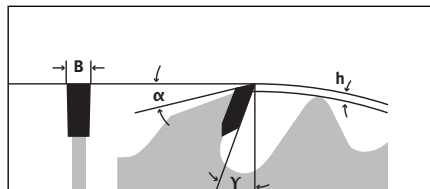
Allocation:

- For cutting and dividing packets of
- ▷ fibreboards
 - ▷ panel material single or double sided coated

D	B	d	Z =	◆◆◆	Art.-Nr.	Brand	€
240	3,2	30	54	2/7/42	054 240 300	Scheer	
300	4,4	30	60	–	054 300 300	Panhans	
300	4,4	75	60	–	054 300 750	Homag	
300	4,4	80	60	2/14/110	054 300 800	SCM	
300	4,4	65	72	2/9/110	154 300 650	Selco, Biesse	
300	4,4	75	72	–	154 300 750	Homag	
305	3,2	30	60	KNL	054 305 307	Scheer	
305	4,0	30	60	–	054 305 301	Scheer	
305	4,4	30	60	–	054 305 300	Mayer, Panhans, SCM	
350	4,4	30	54	–	054 350 300	Panhans, SCM, Scheer	
350	4,4	75	54	–	054 350 750	Giben, Homag	
350	4,4	30	72	–	154 350 300	Mayer, Panhans, SCM, Scheer, Schelling	
350	4,4	60	72	2/14/100	154 350 600	Holzma	
350	4,4	75	72	–	154 350 750	Giben, Homag	
350	4,4	80	72	2/7/110 + 4/85/100 + 2/14/110	154 350 800	Gabbiani, SCM, Selco	
380	4,4	60	72	2/14/100	054 380 600	Holzma	
380	4,8	60	72	2/14/100	054 380 601	Holzma	
380	4,8	60	84	2/14/100	154 380 600	Holzma	
400	4,4	30	72	–	054 400 300	Scheer, Schelling	
400	4,4	75	72	4/15/105	054 400 750	Giben, Homag	
400	4,4	80	72	2/9/130 + 4/19/120	054 400 800	Irion, Selco, SMA	
420	4,8	60	72	–	054 420 601	Holzma	
420	4,8	60	84	2/10/80	154 420 600	Holzma	
450	4,4	30	72	–	154 450 300	Mayer, Panhans, Scheer, Schelling	
450	4,4	75	72	–	154 450 750		
450	4,4	80	72	2/9/130 + 4/19/120	154 450 800	SMA, Irion, Selco	
450	4,8	60	72	2/14/125	154 450 601	Holzma	
450	4,8	80	72	2/9/130 + 4/19/120	154 450 801	Holzma, Selco	
470	4,4	75	96	4/15/105	054 470 750	Giben	
500	4,4	30	60	–	054 500 300	Schelling, Irion	
500	4,4	30	72	–	154 500 300	Schelling, Irion	
500	4,8	60	72	2/11/115	154 500 601	Holzma	

090 ZFR – *Special*

Rip saw blade flat tooth with HW (HM) carbide tipped raking slots



Characteristics:

- ▷ Flat tooth, positive tooth angle
- ▷ With extension slots
- ▷ Chip thickness limitation
- ▷ Kick back reduced

The carbide tipped raking slots, which cool, rake out and guide the cut, are arranged so that no cutting action occurs and the saw blade is therefore not affected by recutting.

Allocation:

For longitudinal cuts of

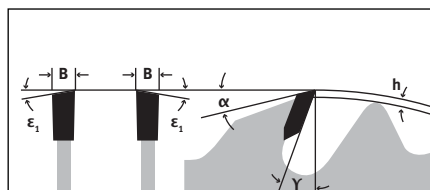
- ▷ natural wood soft
- ▷ natural wood hard

The ideal rip saw blade for deep cuts for all current sizing saws and bench saws.

D	B	d	Z + gR	◆◆◆	Art.-Nr.	€
300	3,4	30	12 + 4	KNLF	090 300 300	
330	3,8	30	16 + 4	KNL	090 330 300	
355	3,8	30	16 + 4	KNLF	090 355 300	
400	3,8	30	18 + 4	KNLF	090 400 300	
450	4,2	30	20 + 4	KNLF	090 450 300	
500	4,2	30	22 + 4	KNL	090 500 300	

091 ZWR – *Special*

Rip saw blade alternate bevel tooth with HW (HM) carbide tipped raking slots



Characteristics:

- ▷ Alternate bevel tooth, positive tooth angle
- ▷ With extension slots
- ▷ Chip thickness limitation
- ▷ Kick back reduced

The carbide tipped raking slots, which cool, rake out and guide the cut, are arranged so that no cutting action occurs and the saw blade is therefore not affected by recutting.

Allocation:

For longitudinal and cross cuts of

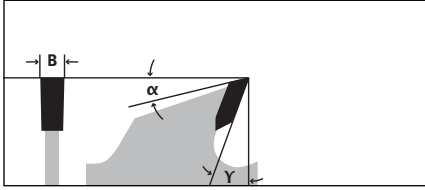
- ▷ natural wood soft
- ▷ natural wood hard

The ideal rip saw blade for deep cuts for all current sizing saws and bench saws.

D	B	d	Z + gR	◆◆◆	Art.-Nr.	€
300	3,4	30	28 + 4	KNLF	091 300 300	
330	3,8	30	28 + 4	KNL	091 330 300	
355	3,8	30	32 + 4	KNLF	091 355 300	
400	3,8	30	36 + 4	KNLF	091 400 300	
450	4,2	30	40 + 4	KNLF	091 450 300	
500	4,2	30	44 + 4	KNL	091 500 300	
550	4,6	30	48 + 4	KNL	091 550 300	
600	5,4	30	48 + 4	KNL	091 600 300	

036-038 LFR – *Special*

Flat tooth saw blade with HW (HM) carbide tipped raking slots



oR = open rakers
gR = closed rakers

Characteristics:

- ▷ Flat tooth, positive tooth angle

The carbide tipped raking slots, which cool, rake out and guide the cut, are arranged so that no cutting action occurs and the saw blade is therefor not affected by recutting.

Allocation:

For cuts

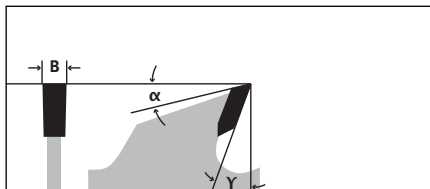
- ▷ in wet wood
- ▷ in case of bad chip removal

For use on multiple blade saws, bench saws and sizing saws.

D	B	d	Z	+oR + gR	KN	Art.-Nr.	€
200	3,4	30 (-60)	16 + 2		as required	036 200	
225	3,4	30 (-70)	16 + 2		as required	036 225	
250	2,8	30 (-85)	16 + 2		as required	036 250	
250	3,4	30 (-85)	16 + 2		as required	036 251	
280	3,4	30 (-95)	16 + 2		as required	036 280	
300	3,4	30 (-95)	16 + 2		as required	036 300	
300	3,6	30 (-95)	16 + 2		as required	036 301	
300	3,4	30 (-95)	20 + 2		as required	036 302	
300	3,6	30 (-95)	20 + 2		as required	036 303	
300	4,0	30 (-95)	20 + 2		as required	036 304	
320	3,4	30 (-110)	20 + 2		as required	036 320	
280	3,4	30 (-95)	16 + 2 + 2		as required	037 280	
300	3,4	30 (-85)	20 + 2 + 2		as required	037 300	
300	3,6	30 (-85)	20 + 2 + 2		as required	037 301	
300	4,0	30 (-85)	20 + 2 + 2		as required	037 302	
320	3,4	30 (-110)	20 + 2 + 2		as required	037 320	
350	4,2	30 (-105)	20 + 2 + 2		as required	037 350	
380	4,2	30 (-105)	20 + 2 + 2		as required	037 380	
400	4,2	30 (-110)	20 + 2 + 2		as required	037 400	
410	4,2	30 (-110)	28 + 2 + 2		as required	037 410	
425	3,8	30 (-110)	24 + 2 + 2		as required	037 425	
450	4,6	30 (-110)	24 + 2 + 2		as required	037 450	
500	5,2	30 (-110)	24 + 2 + 2		as required	037 500	
500	5,2	30 (-110)	24 + 2 + 2 + 2		as required	038 500	
530	5,2	30 (-140)	24 + 2 + 2 + 2		as required	038 530	
550	5,2	30 (-140)	24 + 2 + 2 + 2		as required	038 550	

038 LFB – *Special*

Flat tooth saw blade for edging



Characteristics:

- ▷ Flat tooth, positive tooth angle
- ▷ With lasered extension slots
- ▷ With cooling slots

Allocation:

For separating and edging of

- ▷ natural wood soft
- ▷ natural wood hard

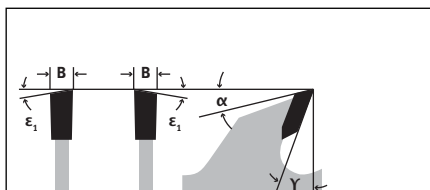
feed rate up to 6 m/min.



D	B	d	Z =	KN	Art.-Nr.	€
260	4,2	60	20	2 KN 15 x 6	038 260 600	
300	4,2	30	24	–	038 300 300	
300	4,2	70	24	2 KN 20 x 6	038 300 700	
350	4,2	30	28	–	038 350 300	
350	4,2	70	28	2 KN 20 x 6	038 350 700	

066 WPA – *Special*

Alternate bevel tooth saw blade for joinery machines



Characteristics:

- ▷ Flat tooth, positive tooth angle
- ▷ With lasered extension slots
- ▷ Solid saw body for high mechanical load

Allocation:

For longitudinal and cross cuts in

- ▷ natural wood soft
- ▷ natural wood hard

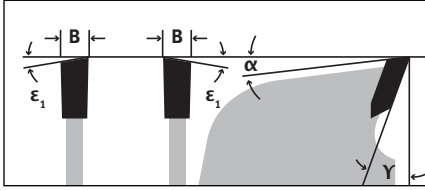
Especially use on joinery machines like e.g. Paul, Rex, Hundegger, Schmidler



D	B	d	Z =	Art.-Nr.	Brand	€
700	6,0	30	60	–	066 700 300	Krüsi
720	6,0	30	72	2/8,5/90	066 720 300	Hundegger
735	6,0	30	72	2/8,5/90	066 735 300	Hundegger
800	6,0	40	84	–	066 800 300	Paul

100 LW – *Special*

Alternate bevel tooth saw blade "Wiesel"



Characteristics:

- ▷ Alternate bevel tooth, tooth angle extrem positive for easy cuts
- ▷ With lasered extension cuts
- ▷ Large chip clearance

The extreme positive tooth angle and the large chip clearance guarantee an easy, clean and fast longitudinal cut.

Allocation:

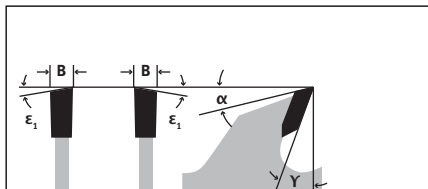
Especially for longitudinal cuts in
▷ natural wood soft

Ideal for usage in the carpentry .
For use on power hand tools and saw benches.

D	B	d	Z =	◆◆◆	Art.-Nr.	€
160	3,0	20	14	2/6/32	100 160 200	
170	3,0	30	14	2/7/42	100 170 300	
190	3,0	30	14	2/7/42	100 190 300	
210	3,0	30	16	2/7/42	100 210 300	
225	3,0	30	20	2/7/42	100 225 300	
315	3,2	30	20	KNL	100 315 300	
330	3,2	30	22	KNL	100 330 300	
335	3,2	30	24	KNL	100 335 300	
355	3,2	30	24	KNL	100 355 300	
370	4,0	30	26	–	100 370 300	
380	4,0	30	26	–	100 380 300	
410	4,0	30	28	–	100 410 300	
420	4,0	30	18	–	100 420 300	
420	4,0	30	30	–	100 420 301	
450	4,0	30	34	–	100 450 300	

101 Tenon saw – *Special*

Alternate bevel tooth saw blade for tenoning



Characteristics:

- ▷ Alternate bevel tooth, tooth angle extrem positive for easy cutting
- ▷ With lasered extension slots
- ▷ Large chip clearance

Allocation:

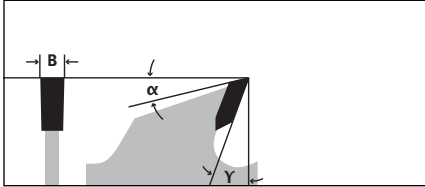
Especially for the case that visible connecting elements are undesired and where it depends on accurately fitting tenons.

Range of use: carpentry machines

D	B	d	Z =	Art.-Nr.	Brand	€
180	2,6	16	24 4 SL RE	101 180 1624/right	Makita	
180	2,6	16	24 4 SL LI	101 180 1629/left	Makita	
185	2,6	13	40 4 SL RE	101 185 1340/right	Hitachi	
185	2,6	13	40 4 SL LI	101 185 1349/left	Hitachi	
235	2,6	16	24 4 SL RE	101 235 1624/right	Makita	
235	2,6	16	24 4 SL LI	101 235 1629/left	Makita	
265	3,0	13	26 4 SL RE	101 265 1326/right	Hitachi	
265	3,0	13	26 4 SL LI	101 265 1329/left	Hitachi	

531 NF Groover "MEC"

HW(HM)-Groover "MEC" mechanical feed



Characteristics:

- ▷ Positive tooth angle
- ▷ Amount of teeth = 12

Allocation:

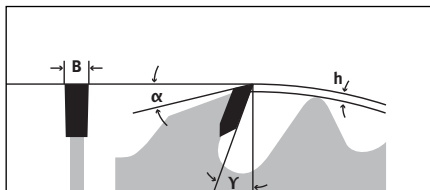
- To groove
- ▷ panel material
- ▷ solid wood

Operation with mechanical feed "MEC"

D	B	d	Z =	Comment	Art.-Nr.	€
125	1,5	30	12	groove depth 20 mm	531 125 153 0	
125	1,8	30	12	groove depth 20 mm	531 125 183 0	
125	2,0	30	12	groove depth 20 mm	531 125 203 0	
125	2,2	30	12	groove depth 20 mm	531 125 223 0	
125	2,5	30	12	groove depth 20 mm	531 125 253 0	
125	3,0	30	12		531 125 303 0	
125	3,5	30	12		531 125 353 0	
125	4,0	30	12		531 125 403 0	
125	4,5	30	12		531 125 453 0	
125	5,0	30	12		531 125 503 0	
125	6,0	30	12		531 125 603 0	
150	1,5	30	12	groove depth 20 mm	531 150 153 0	
150	2,0	30	12	groove depth 20 mm	531 150 203 0	
150	2,2	30	12	groove depth 20 mm	531 150 223 0	
150	2,5	30	12	groove depth 20 mm	531 150 253 0	
150	3,0	30	12	–	531 150 303 0	
150	3,5	30	12	–	531 150 353 0	
150	4,0	30	12	–	531 150 403 0	
150	4,5	30	12	–	531 150 453 0	
150	5,0	30	12	–	531 150 503 0	
150	6,0	30	12	–	531 150 603 0	
150	7,0	30	12	–	531 150 703 0	
150	8,0	30	12	–	531 150 803 0	
150	10,0	30	12	–	531 150 103 0	
180	4,0	30	12		531 180 403 0	
180	5,0	30	12		531 180 503 0	
180	6,0	30	12		531 180 603 0	
180	8,0	30	12		531 180 803 0	
180	10,0	30	12		531 180 103 0	

531 NF Groover "MAN"

HW(HM)-Groover "MAN" manual feed



Characteristics:

- ▷ Positive tooth angle
- ▷ Amount of teeth = 12

Allocation:

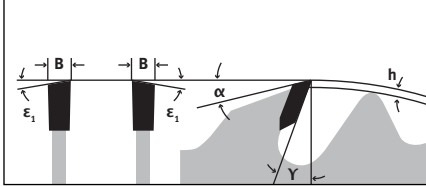
- To groove
- ▷ panel material
- ▷ solid wood

Operation with manual feed "MAN"

D	B	d	Z =	Comment	Art.-Nr.	€
125	1,5	30	12	groove depth 20 mm	531 125 153 OBG	
125	1,8	30	12	groove depth 20 mm	531 125 183 OBG	
125	2,0	30	12	groove depth 20 mm	531 125 203 OBG	
125	2,2	30	12	groove depth 20 mm	531 125 223 OBG	
125	2,5	30	12	groove depth 20 mm	531 125 253 OBG	
125	3,0	30	12		531 125 303 OBG	
125	3,5	30	12		531 125 353 OBG	
125	4,0	30	12		531 125 403 OBG	
125	4,5	30	12		531 125 453 OBG	
125	5,0	30	12		531 125 503 OBG	
125	6,0	30	12		531 125 603 OBG	
150	1,5	30	12	groove depth 20 mm	531 150 153 OBG	
150	2,0	30	12	groove depth 20 mm	531 150 203 OBG	
150	2,2	30	12	groove depth 20 mm	531 150 223 OBG	
150	2,5	30	12	groove depth 20 mm	531 150 253 OBG	
150	3,0	30	12	–	531 150 303 OBG	
150	3,5	30	12	–	531 150 353 OBG	
150	4,0	30	12	–	531 150 403 OBG	
150	4,5	30	12	–	531 150 453 OBG	
150	5,0	30	12	–	531 150 503 OBG	
150	6,0	30	12	–	531 150 603 OBG	
150	7,0	30	12	–	531 150 703 OBG	
150	8,0	30	12	–	531 150 803 OBG	
150	10,0	30	12	–	531 150 103 OBG	
180	4,0	30	12		531 180 403 OBG	
180	5,0	30	12		531 180 503 OBG	
180	6,0	30	12		531 180 603 OBG	
180	8,0	30	12		531 180 803 OBG	
180	10,0	30	12		531 180 103 OBG	

01 Groover Lamello "MAN"

HW(HM)-Groover "MAN" manual feed



Characteristics:

- ▷ Fixed carbide tips

Allocation:

To groove

- ▷ panel material
- ▷ solid wood

Operation with manual feed "MAN"



D	B	d	Z =	Comment	Art.-Nr.	€
100	3,97	22	12W		01 100 221 2BG	
100	3,97	22	12W	4 SL	01 100 221 2BG SL	

For Lamello Groover Tanga

D	B	d	Z =	Comment	Art.-Nr.	€
150	2,4	22	24W	4 SL / 2 NL	01 150 22 24BG SL	
180	2,4	22	12W	4 SL / 2 NL	01 180 22 12BG SL	



D	B	d	Z =	Comment	Art.-Nr.	€
100	3,97	22	2+V4		01 100 22 02BG	
100	3,97	22	2+V4	4 SL	01 100 22 02BG SL	



For Mini Patch Cutter / Mini Spotgroover

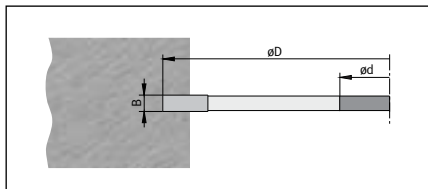
D	B	d	Z =	Comment	Art.-Nr.	€
100	8,0	22	4		01 100 08 22	
100	15,00	22	4		01 100 15 22	

You can find further Lamello-Tools in our large turnblade tools catalogue.

Lamello Groover with HW tunblade see page 44

9078 Lamello Grooving Cutter HW (HM) WPL

Lamello Grooving Cutter HW (HM) WPL MAN



Characteristics:

- ▷ Body in steel
- ▷ 4 cutting edges
- ▷ Perimeter and
- ▷ Chip thickness limited
- ▷ 4 countersunk holes

Allocation:

- To produce chip free:
- ▷ Grooves for Lamello plates



D	B	d	Z	V	n min. - max.	Art.-Nr.	€
100	4,0	22	2	2	7600-13300	1078 100 40 22	
100	4,0	22	4	4	7600-13300	1078 100 40 44	
Spare parts:							
Turnblades:		HW (HM) raker knife 18 x 18 x 1,95				800 818 18 19	
		HW (HM) spur knife 14 x 14 x 1,2				800 314 120	
Screws:		Torx screw M4/0,5 x 3,2				900 601	
		Torx nut 11,8 x 1,8				900 656	
		Torx nut 9,8 x 1,65				900 651	
Key:		Torx key T9				900 602	

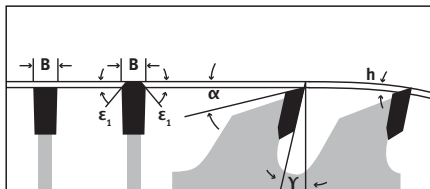
HW (HM) carbide tipped
saw blades for Non-Ferrous
Metals and Steel

HS (HSS) saw blades for
metal working



070 NE 1 Positive

Triple-chip-flat tooth saw blades for Non-Ferrous Metals and Plastics



Attention:

It is essential to ensure faultless workpiece guidance and workpiece positioning at the correct angle to the working spindle; if possible the workpiece should be clamped.

The cutting speed should if possible not be less than 36 m/sec. for aluminium profiles and not less than 30 m/sec. for solid material.

NE positive only use on crosscut-saws with automatic feed of the saw. (look NE negative)

Characteristics:

- ▷ Positive tooth angle
- ▷ Noise reduced thru special laser slots or extension slots with blanks

Application:

For use in counterrunning against the direction of feed.

For separating and mitre cuts in

- ▷ window and door profiles in light alloy
- ▷ solid materials in aluminium and similar alloys
- ▷ plastic profiles and panel material e.g. Corian, Variocor, Resoplan et al.
- ▷ solid material as well as for profiles > 5 mm wall thickness

D	B	d	Z =	◆◆◆	Art.-Nr.	€
250	3,2	30	42	KNL	070 250 300	
250	3,2	32	42		070 250 320	
300	3,4	30	48	KNL	070 300 300	
300	3,4	32	48		070 300 320	
350	3,6	30	54	KNL	070 350 300	
350	3,6	40	54	2/9/55+4/12/64	070 350 400	
350	3,6	50	54	4/15/80	070 350 500	
350	3,6	30	72	KNL	070 350 301	
350	3,6	40	72	2/9/55+4/12/64	070 350 401	
350	3,6	50	72	4/15/80	070 350 501	
370	3,8	30	60		070 370 300	
370	3,8	50	60	4/15/80	070 370 500	
400	4,0	30	72		070 400 300	
400	4,0	40	72	2/9/55+4/12/64	070 400 400	
400	4,0	50	72	4/15/80	070 400 500	
400	4,0	60	72	4/18/100	070 400 600	
420	4,0	30	62		070 420 300	

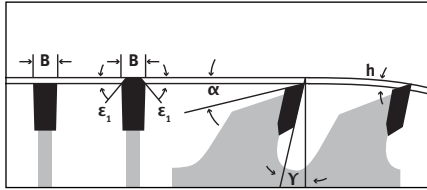
NE pos

Saw blades NE pos are useable on all current machines like:

- ▶ Mitre saws,
- ▶ Panel sizing saws,
- ▶ CNC-machining centre as well as
- ▶ automatic trimming saws.

071 NE 2 Positive

Triple-chip-flat tooth saw blades for Non-Ferrous Metals and Plastics



Attention:

It is essential to ensure faultless workpiece guidance and workpiece positioning at the correct angle to the working spindle; if possible the workpiece should be clamped.

The cutting speed should if possible not be less than 36 m/sec. for aluminium profiles and not less than 30 m/sec. for solid material.

Characteristics:

- ▷ Positive tooth angle
- ▷ Noise reduced thru special laser slots or extension slots with blanks
- ▷ In *ATS* (Anti-Sound) design and additional vibration and noise reduction damper slots, see Page 19

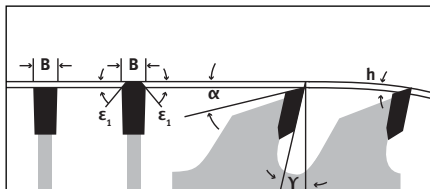
Application:

- For use in counterrunning against the direction of feed.
- For separating and mitre cuts in
- ▷ window and door profiles in light alloy
 - ▷ solid materials in aluminium and similar alloys
 - ▷ plastic profiles and panel material e.g. Corian, Variocor, Resoplan et al.
 - ▷ solid material as well as for profiles up to 5 mm wall thickness

D	B	d	Z =	◆◆◆	Art.-Nr.	€
200	2,8	20	48	2/6/32	071 200 200	
200	2,8	30	48	2/7/42	071 200 300	
250	3,2	30	60	KNLF	071 250 300	
250	3,2	32	60		071 250 320	
250	3,2	40	60	2/9/55+4/12/64	071 250 400	
250	3,2	30	60	KNLF	071 250 307 * <i>ATS</i>	
275	3,2	40	72	2/9/55+4/12/64	071 275 400	
300	3,2	30	72	KNLF	071 300 300	
300	3,2	32	72		071 300 320	
300	3,2	40	72	2/9/55+4/12/64	071 300 400	
300	3,2	30	72	KNLF	071 300 307 * <i>ATS</i>	
320	3,2	30	78		071 320 300	
350	3,2	30	84	KNL	071 350 300	
350	3,2	32	84		071 350 320	
350	3,2	40	84	2/9/55+4/12/64	071 350 400	
350	3,2	50	84	4/15/80	071 350 500	
350	3,2	30	84	KNL	071 350 307 * <i>ATS</i>	
370	3,6	30	96		071 370 300	
370	3,6	50	96	4/15/80	071 370 500	
400	4,0	30	96		071 400 300	
400	4,0	32	96		071 400 320	
400	4,0	40	96	2/9/55+4/12/64	071 400 400	
400	4,0	50	96	4/15/80	071 400 500	
420	4,0	30	96		071 420 300	
420	4,0	40	96	2/9/55	071 420 400	
430	4,0	30	96		071 430 300	
450	4,0	30	108		071 450 300	
450	4,0	32	108		071 450 320	
450	4,0	40	108	2/9/55+4/12/64	071 450 400	
500	4,2	30	100		071 500 301	
500	4,4	30	120		071 500 300	
500	4,4	32	120		071 500 320	
500	4,4	80	120		071 500 800	
550	4,0	30	132	2/10,5/70	071 550 300	
600	4,6	30	138	6/8,5/80	071 600 300	

072 NE 3 Positive

Triple-chip-flat tooth saw blades for Non-Ferrous Metals and Plastics



Attention:

It is essential to ensure faultless workpiece guidance and workpiece positioning at the correct angle to the working spindle; if possible the workpiece should be clamped.

The cutting speed should if possible not be less than 36 m/sec. for aluminium profiles and not less than 30 m/sec. for solid material.

Characteristics:

- ▷ Positive tooth angle
- ▷ Noise reduced thru special laser slots or extension slots with blanks
- ▷ For higher requirements in cutting quality

Application:

For use in counterrunning against the direction of feed.

For separating and mitre cuts in

- ▷ window and door profiles in light alloy
- ▷ solid materials in aluminium and similar alloys
- ▷ plastic profiles and panel material e.g. Corian, Variocor, Resoplan et al.
- ▷ solid material as well as for profiles up to 5 mm wall thickness
- ▷ thin walled light alloy and plastic profiles

D	B	d	Z =	◆◆◆	Art.-Nr.	€
200	2,8	20	64	2/6/32	072 200 200	
200	2,8	30	64	2/7/42	072 200 300	
250	3,2	30	80	KNLF	072 250 300	
250	3,2	32	80		072 250 320	
250	3,2	40	80	2/9/55+4/12/64	072 250 400	
275	3,2	40	88	2/9/55+4/12/64	072 275 400	
280	3,2	32	88		072 280 320	
300	3,2	30	96	KNLF	072 300 300	
300	3,2	32	96		072 300 320	
330	3,2	30	104		072 330 300	
350	3,2	30	108	KNL	072 350 300	
350	3,2	32	108		072 350 320	
350	3,2	40	108	2/9/55+4/12/64	072 350 400	
350	3,2	50	108	4/15/80	072 350 500	
380	3,6	32	108		072 380 320	

i

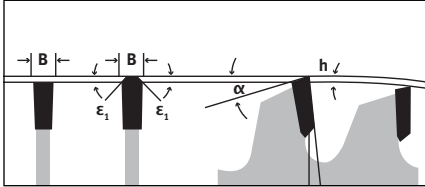
Maschine brands

corresponding pin holes

Brand	pin holes
Eisele	2/9/55 + 4/12/64 mm
Graule	2/9/55 + 4/12/64 mm
Trennjäger	2/9/55 + 4/12/64 mm
Kaltenbach	4/15/80 mm

073 NE 1 Negative

Triple-chip-flat tooth saw blades for Non-Ferrous Metals and Plastics



Attention:

It is essential to ensure faultless workpiece guidance and workpiece positioning at the correct angle to the working spindle; if possible the workpiece should be clamped.

The cutting speed should if possible not be less than 36 m/sec. for aluminium profiles and not less than 30 m/sec. for solid material.

NE negative only use on crosscut-saws without automatic feed of the saw.

Characteristics:

- ▷ Negative tooth angle
- ▷ Noise reduced thru special laser slots or extension slots with blanks

Application:

For use in counterrunning against the direction of feed.

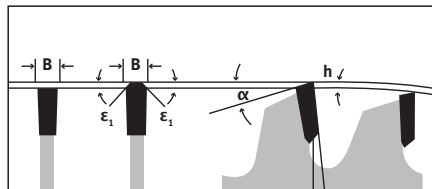
For separating and mitre cuts in

- ▷ window and door profiles in light alloy
- ▷ solid materials in aluminium and similar alloys
- ▷ plastic profiles and panel material e.g. Corian, Variocor, Resoplan et al.
- ▷ solid material as well as for profiles > 5 mm wall thickness

D	B	d	Z =	◆◆◆	Art.-Nr.	€
250	3,4	30	42	KNL	073 250 300	
250	3,4	32	42		073 250 320	
300	3,4	30	48	KNL	073 300 300	
300	3,4	32	48		073 300 320	
350	3,6	30	54	KNL	073 350 300	
350	3,6	40	54	2/9/55+4/12/64	073 350 400	
350	3,6	50	54	4/15/80	073 350 500	
350	3,6	30	72	KNL	073 350 301	
350	3,6	40	72	2/9/55+4/12/64	073 350 401	
350	3,6	50	72	4/15/80	073 350 501	
370	3,8	30	60		073 370 300	
370	3,8	50	60	4/15/80	073 370 500	
400	4,0	30	72		073 400 300	
400	4,0	40	72	2/9/55+4/12/64	073 400 400	
400	4,0	50	72	4/15/80	073 400 500	

074 NE 2 Negative

Triple-chip-flat tooth saw blades for Non-Ferrous Metals and Plastics



Attention:

It is essential to ensure faultless workpiece guidance and workpiece positioning at the correct angle to the working spindle; if possible the workpiece should be clamped.

The cutting speed should if possible not be less than 36 m/sec. for aluminium profiles and not less than 30 m/sec. for solid material.

NE negative only use on crosscut-saws without automatic feed of the saw.

Characteristics:

- ▷ Negative tooth angle
- ▷ Noise reduced thru special laser slots or extension slots with blanks
- ▷ In *ATS* (Anti-Sound) design and additional vibration and noise reduction damper slots, see Page 19

Application:

For use in counterrunning against the direction of feed.

For separating and mitre cuts in

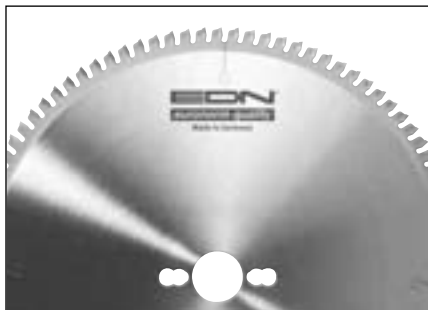
- ▷ window and door profiles in light alloy
- ▷ solid materials in aluminium and similar alloys
- ▷ plastic profiles and panel material e.g. Corian, Variocor, Resoplan et al.
- ▷ solid material as well as for profiles up to 5 mm wall thickness

D	B	d	Z =	◆ ◆ ◆	Art.-Nr.	€
200	2,8	20	48	2/6/32	074 200 200	
200	2,8	30	48	2/7/42	074 200 300	
250	3,2	30	60	KNLF	074 250 300	
250	3,2	32	60		074 250 320	
250	3,2	40	60	2/9/55+4/12/64	074 250 400	
250	3,2	30	60	KNLF	074 250 307 * <i>ATS</i>	
260	2,8	30	72		074 260 300	
275	3,2	40	72	2/9/55+4/12/64	074 275 400	
280	3,2	30	72		074 280 300	
300	3,2	30	72	KNLF	074 300 300	
300	3,2	32	72		074 300 320	
300	3,2	40	72	2/9/55+4/12/64	074 300 400	
300	3,2	30	72	KNLF	074 300 307 * <i>ATS</i>	
330	3,2	30	80	KNL	074 330 300	
330	3,2	32	80		074 330 320	
350	3,2	30	84	KNL	074 350 300	
350	3,2	32	84		074 350 320	
350	3,2	40	84	2/9/55+4/12/64	074 350 400	
350	3,2	50	84	4/15/80	074 350 500	
350	3,2	30	84	KNL	074 350 307 * <i>ATS</i>	
370	3,6	30	96		074 370 300	
370	3,6	50	96	4/15/80	074 370 500	
400	4,0	30	96		074 400 300	
400	4,0	32	96		074 400 320	
400	4,0	40	96	2/9/55+4/12/64	074 400 400	
400	4,0	50	96	4/15/80	074 400 500	

074 NE 2 Negative

continuation

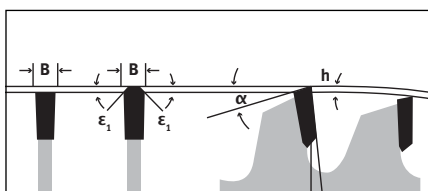
Triple-chip-flat tooth saw blades for Non-Ferrous Metals and Plastics



D	B	d	Z =		Art.-Nr.	€
420	4,0	30	96		074 420 300	
420	4,0	40	96	2/9/55	074 420 400	
450	4,0	30	108		074 450 300	
450	4,0	32	108		074 450 320	
450	4,0	40	108	2/9/55+4/12/64	074 450 400	
500	4,4	30	120		074 500 300	
500	4,4	32	120		074 500 320	
500	4,4	50	120		074 500 500	
550	4,4	30	120	2/10,5/70	074 550 301	
550	4,4	30	132	2/10,5/70	074 550 300	
600	4,6	30	138		074 600 300	

075 NE 3 Negative

Triple-chip-flat tooth saw blades for Non-Ferrous Metals and Plastics



Attention:

It is essential to ensure faultless workpiece guidance and workpiece positioning at the correct angle to the working spindle; if possible the workpiece should be clamped.

The cutting speed should if possible not be less than 36 m/sec. for aluminium profiles and not less than 30 m/sec. for solid material.

NE negative only use on crosscut-saws without automatic feed of the saw.

Characteristics:

- ▷ Negative tooth angle
- ▷ Noise reduced thru special laser slots or extension slots with blanks

Application:

For use in counterrunning against the direction of feed.

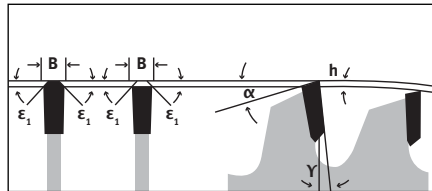
For separating and mitre cuts in

- ▷ window and door profiles in light alloy
- ▷ solid materials in aluminium and similar alloys
- ▷ plastic profiles and panel material e.g. Corian, Variocor, Resoplan et al.

D	B	d	Z =		Art.-Nr.	€
200	2,8	20	64	2/6/32	075 200 200	
200	2,8	30	64	2/7/42	075 200 300	
209	2,8	30	60	gold 20b	075 209 300	
216	2,8	30	60	gold 23	075 216 300	
250	3,2	30	80	KNLF	075 250 300	
250	3,2	32	80		075 250 320	
250	3,2	40	80	2/9/55+4/12/64	075 250 400	
275	3,2	40	88	2/9/55+4/12/64	075 275 400	
300	3,2	30	96	KNLF	075 300 300	
300	3,2	32	96		075 300 320	
330	3,2	30	104		075 330 300	
330	3,2	32	104		075 330 320	
350	3,2	30	108	KNL	075 350 300	
350	3,2	32	108		075 350 320	
350	3,2	40	108	2/9/55+4/12/64	075 350 400	
350	3,2	50	108	4/15/80	075 350 500	
380	3,6	32	108		075 380 320	

078 STI

Saw blade for sheet metal coated thermal insulation



Characteristics:

- ▷ Triple-chip-flat tooth with cutting edges additionally chamfered on the tooth face
- ▷ Negative tooth angle
- ▷ Noise reduced thru special lasered expansion slots

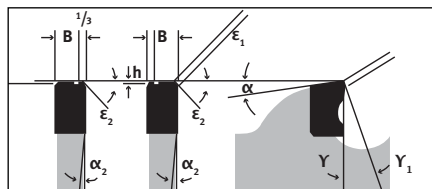
Allocation:

- ▷ For cutting sheet-metal cased thermal insulating panels on panel-sizing saws, pressure beam saws and special-purpose machines.

D	B	d	Z =		Art.-Nr.	€
190	3,4	30	42	2/7/42	078 190 300	
230	3,4	30	48	2/7/42	078 230 300	
250	3,4	30	48	KNL	078 250 300	
300	3,4	30	60	KNL	078 300 300	
350	3,4	30	72	KNL	078 350 300	
400	4,0	30	84	KNL	078 400 300	
450	4,0	30	96	KNL	078 450 300	
500	4,2	30	96		078 500 300	

011 STS

Steel separating saw blades thin cut



Characteristics:

- ▷ Tooth geometry with chip deviator chamfer

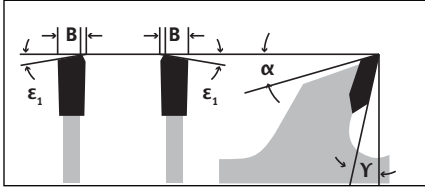
Allocation:

- ▷ For cutting steel and high-grade steel
- ▷ To be used on saw blade automats

D	B	d	Z =		Art.-Nr.	Brand	€
250	2,1	32	60	4/9/50 + 4/11/63	011 250 32 60	Wagner, Kasto	
250	2,1	32	80	4/9/50 + 4/11/63	011 250 32 80	Rohbi-Tsune,	
						Exaktcut	
285	2,1	32	60	4/9/50 + 4/11/63	011 285 32 60	Wagner, Kasto	
285	2,1	32	80	4/9/50 + 4/11/63	011 285 32 80	Rohbi-Tsune,	
						I.T.E.C.	
360	2,5	40	60	4/15/90 + 4/11/90	011 360 40 60	Behringer, Eisele	

010 STW

Steel separating saw blade



Attention:
Wearing of safety glasses
is essential.

Characteristics:

- ▷ Chamfered flat tooth
- ▷ Special tungsten carbide for processing steel

Allocation:

- ▷ For cutting construction steel, metal tub, U-steel, H-profiles, sheet-metal cased thermal insulating panels and bar material.
- ▷ For use on crosscut-saws e.g. Jepson, Elektra Beckum MC 2000 or Hitachi as well as hand power tools or panel-sizing saws.

D	B	d	Z =	n.max	Art.-Nr.	€
150	2,2	30*/20/16	30	2800	010 150 300	
160	2,2	30*/20/16	32	2800	010 160 300	
180	2,2	30*/20/16	36	2800	010 180 300	
190	2,2	30*	38	2800	010 190 300	
216	2,2	30*	40	2100	010 216 300	
230	2,2	30*/25	44	2000	010 230 300	
250	2,2	30*/25,4/20	48	1800	010 250 300	
305	2,4	25,4*	60	1500	010 305 250	
305	2,4	25,4*	80	1500	010 305 251	
305	2,4	30*	60	1500	010 305 300	
305	2,4	30	80	1500	010 305 301	
355	2,4	25,4*	72	1500	010 355 250	
355	2,4	25,4*	90	1500	010 355 251	
355	2,4	30*	72	1500	010 355 300	
355	2,4	30*	90	1500	010 355 301	

* Fix bore/ others with reducing ring!

i

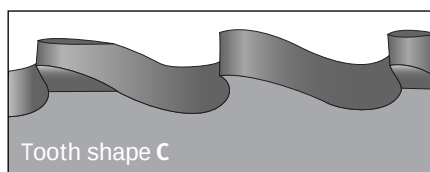
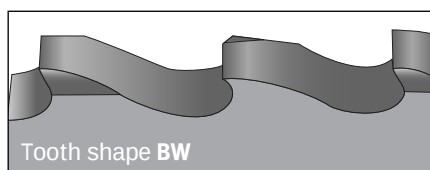
For Ferrous material and Steel

The quoted saw blades are basically for processing of ferrous material and steel.
The saw blades are not for processing wood.

The dimensions of 305 Z = 80 as well as 355 Z = 90 are particularly suitable for separating of stainless steel up to a thickness of 1,2 mm.

30-31-32 HS (HSS) DM05

HS (HSS) steel saw blades



Characteristics:

▷ Tooth shapes:

C: Tooth shape C is used for solid sections or very thick pipes. The chip is shredded into three parts due to the presence of both a finishing tooth without chamfer and a pre-cutting tooth (longer than 0.25 mm) with two chamfers on each side.

BW: Tooth shape BW is primarily used for cutting pipes and sections. The tooth is alternately bevelled at 45°, breaks the chip in two and guarantees good chip evacuation.

▷ Steam treated - The oxide surface treatment eliminates tension, holds the cooling agent better and improves resistance to clogging.

▷ TIN + TiAlN coating on request

Allocation:

For trimming and mitre cuts in:

- ▷ steel
- ▷ solid material and profile of aluminium, steel, cast and stainless material

D	B	d	Z =		Art.-Nr.	€
200	1,8	32	100 C	2/8/45 + 2/11/63 + 4/9/50	30 200 32 100	
200	1,8	32	128 C	2/8/45 + 2/11/63 + 4/9/50	30 200 32 128	
200	1,8	32	160 BW	2/8/45 + 2/11/63 + 4/9/50	30 200 32 160	
200	1,8	32	200 BW	2/8/45 + 2/11/63 + 4/9/50	30 200 32 200	
200	2,0	32	100 C	2/8/45 + 2/11/63 + 2/9/50	31 200 32 100	
200	2,0	32	130 C	2/8/45 + 2/11/63 + 2/9/50	31 200 32 130	
200	2,0	32	160 BW	2/8/45 + 2/11/63 + 2/9/50	31 200 32 160	
225	2,0	32	120 C	2/8/45 + 2/11/63 + 4/9/50	30 225 32 120	
225	2,0	32	150 C	2/8/45 + 2/11/63 + 4/9/50	30 225 32 150	
225	2,0	32	180 BW	2/8/45 + 2/11/63 + 4/9/50	30 225 32 180	
225	2,0	32	220 BW	2/8/45 + 2/11/63 + 4/9/50	30 225 32 220	
225	2,0	40	120 C	2/8/55 + 4/12/64	30 225 40 120	
225	2,0	40	150 C	2/8/55 + 4/12/64	30 225 40 150	
225	2,0	40	180 BW	2/8/55 + 4/12/64	30 225 40 180	
225	2,0	40	220 BW	2/8/55 + 4/12/64	30 225 40 220	
250	1,6	32	100 C	2/8/45 + 2/11/63 + 2/9/55	30 250 32 100	
250	1,6	32	128 C	2/8/45 + 2/11/63 + 2/9/55	30 250 32 128	
250	1,6	32	160 C	2/8/45 + 2/11/63 + 2/9/55	30 250 32 160	
250	1,6	32	200 BW	2/8/45 + 2/11/63 + 2/9/55	30 250 32 200	
250	1,6	32	260 BW	2/8/45 + 2/11/63 + 2/9/55	30 250 32 260	

30-31-32 HS (HSS) DM05

continuation

D	B	d	Z =		Art.-Nr.	€
250	2,0	32	100 C	2/8/45 + 2/11/63 + 2/9/55	31 250 32 100	
250	2,0	32	128 C	2/8/45 + 2/11/63 + 2/9/55	31 250 32 128	
250	2,0	32	160 C	2/8/45 + 2/11/63 + 2/9/55	31 250 32 160	
250	2,0	32	200 BW	2/8/45 + 2/11/63 + 2/9/55	31 250 32 200	
250	2,0	32	240 BW	2/8/45 + 2/11/63 + 2/9/55	31 250 32 240	
250	2,0	40	100 C	2/8/55 + 4/12/64	31 250 40 100	
250	2,0	40	128 C	2/8/55 + 4/12/64	31 250 40 128	
250	2,0	40	160 C	2/8/55 + 4/12/64	31 250 40 160	
250	2,0	40	200 BW	2/8/55 + 4/12/64	31 250 40 200	
250	2,0	40	240 BW	2/8/55 + 4/12/64	31 250 40 240	
250	2,5	32	100 C	2/8/45 + 2/12/64 + 4/9/50	32 250 32 100	
250	2,5	32	128 C	2/8/45 + 2/12/64 + 4/9/50	32 250 32 128	
250	2,5	32	160 C	2/8/45 + 2/12/64 + 4/9/50	32 250 32 160	
250	2,5	32	200 BW	2/8/45 + 2/12/64 + 4/9/50	32 250 32 200	
250	2,5	40	100 C	2/8/55 + 4/12/64	32 250 40 100	
250	2,5	40	128 C	2/8/55 + 4/12/64	32 250 40 128	
250	2,5	40	160 C	2/8/55 + 4/12/64	32 250 40 160	
250	2,5	40	200 BW	2/8/55 + 4/12/64	32 250 40 200	
275	1,6	32	110 C	2/8/45 + 2/11/63 + 2/9/50	30 275 32 110	
275	1,6	32	140 C	2/8/45 + 2/11/63 + 2/9/50	30 275 32 140	
275	1,6	32	180 C	2/8/45 + 2/11/63 + 2/9/50	30 275 32 180	
275	1,6	32	220 BW	2/8/45 + 2/11/63 + 2/9/50	30 275 32 220	
275	2,0	40	110 C	2/8/55 + 4/12/64	31 275 40 110	
275	2,0	40	140 C	2/8/55 + 4/12/64	31 275 40 140	
275	2,0	40	180 C	2/8/55 + 4/12/64	31 275 40 180	
275	2,0	40	220 BW	2/8/55 + 4/12/64	31 275 40 220	
275	2,0	40	280 BW	2/8/55 + 4/12/64	31 275 40 280	
275	2,5	32	110 C	2/8/45 + 2/12/64 + 4/9/50	32 275 32 110	
275	2,5	32	140 C	2/8/45 + 2/12/64 + 4/9/50	32 275 32 140	
275	2,5	32	180 C	2/8/45 + 2/12/64 + 4/9/50	32 275 32 180	
275	2,5	32	220 BW	2/8/45 + 2/12/64 + 4/9/50	32 275 32 220	
275	2,5	32	280 BW	2/8/45 + 2/12/64 + 4/9/50	32 275 32 280	
275	2,5	40	110 C	2/8/55 + 4/12/64	32 275 40 110	
275	2,5	40	140 C	2/8/55 + 4/12/64	32 275 40 140	
275	2,5	40	180 C	2/8/55 + 4/12/64	32 275 40 180	
275	2,5	40	220 BW	2/8/55 + 4/12/64	32 275 40 220	
275	2,5	40	280 BW	2/8/55 + 4/12/64	32 275 40 280	

30-31-32 HS (HSS) DM05

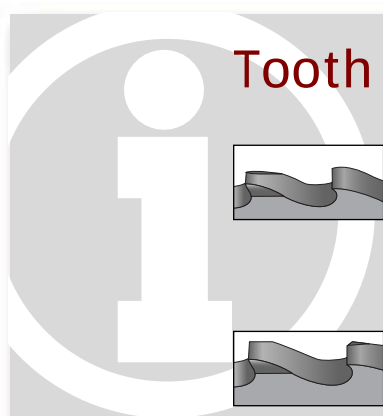
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D	B	d	Z =		Art.-Nr.	€
300	2,5	32	100 C	2/8/45 + 2/12/64 + 4/9/50	30 300 32 100	
300	2,5	32	160 C	2/8/45 + 2/12/64 + 4/9/50	30 300 32 160	
300	2,5	32	220 BW	2/8/45 + 2/12/64 + 4/9/50	30 300 32 220	
300	2,5	32	300 BW	2/8/45 + 2/12/64 + 4/9/50	30 300 32 300	
300	2,5	40	120 C	2/8/55 + 4/12/64	30 300 40 120	
300	2,5	40	160 C	2/8/55 + 4/12/64	30 300 40 160	
300	2,5	40	220 BW	2/8/55 + 4/12/64	30 300 40 220	
300	2,5	40	300 BW	2/8/55 + 4/12/64	30 300 40 300	
300	3,0	32	120 C	2/8/45 + 2/11/63	31 300 32 120	
300	3,0	32	220 BW	2/8/45 + 2/11/63	31 300 32 220	
300	3,0	32	300 BW	2/8/45 + 2/11/63	31 300 32 300	
300	3,0	40	120 C	2/8/55 + 4/12/64	31 300 40 120	
300	3,0	40	160 C	2/8/55 + 4/12/64	31 300 40 160	
300	3,0	40	220 BW	2/8/55 + 4/12/64	31 300 40 220	
315	2,5	32	120 C	2/8/45 + 2/12/64 + 4/9/50	30 315 32 120	
315	2,5	32	160 C	2/8/45 + 2/12/64 + 4/9/50	30 315 32 160	
315	2,5	32	220 BW	2/8/45 + 2/12/64 + 4/9/50	30 315 32 220	
315	2,5	40	120 C	2/8/55 + 4/12/64	30 315 40 120	
315	2,5	40	160 C	2/8/55 + 4/12/64	30 315 40 160	
315	2,5	40	220 BW	2/8/55 + 4/12/64	30 315 40 220	
315	3,0	32	120 C	2/8/45 + 2/12/64 + 4/9/50	31 315 32 120	
315	3,0	32	160 C	2/8/45 + 2/12/64 + 4/9/50	31 315 32 160	
315	3,0	40	120 C	2/8/55 + 4/12/64	31 315 40 120	
315	3,0	40	160 C	2/8/55 + 4/12/64	31 315 40 160	
315	3,0	40	220 BW	2/8/55 + 4/12/64	31 315 40 220	
350	2,5	32	100 C	2/8/45 + 4/12/64 + 2/12/75	30 350 32 100	
350	2,5	32	120 C	2/8/45 + 4/12/64 + 2/12/75	30 350 32 120	
350	2,5	32	180 C	2/8/45 + 4/12/64 + 2/12/75	30 350 32 180	
350	2,5	32	220 BW	2/8/45 + 4/12/64 + 2/12/75	30 350 32 220	
350	2,5	40	100 C	2/8/55 + 4/12/64	30 350 40 100	
350	2,5	40	120 C	2/8/55 + 4/12/64	30 350 40 120	
350	2,5	40	180 C	2/8/55 + 4/12/64	30 350 40 180	
350	2,5	40	220 BW	2/8/55 + 4/12/64	30 350 40 220	
350	3,0	32	110 C	2/8/45 + 4/12/64 + 2/12/75	31 350 32 110	
350	3,0	32	140 C	2/8/45 + 4/12/64 + 2/12/75	31 350 32 140	
350	3,0	32	180 C	2/8/45 + 4/12/64 + 2/12/75	31 350 32 180	
350	3,0	32	220 BW	2/8/45 + 4/12/64 + 2/12/75	31 350 32 220	

30-31-32 HS (HSS) DM05

continuation

D	B	d	Z =		Art.-Nr.	€
350	3,0	40	110 C	2/8/55 + 4/12/64	31 350 40 110	
350	3,0	40	140 C	2/8/55 + 4/12/64	31 350 40 140	
350	3,0	40	180 C	2/8/55 + 4/12/64	31 350 40 180	
350	3,0	40	220 BW	2/8/55 + 4/12/64	31 350 40 220	
350	3,0	50	100 C	4/15/80 + 4/14/85	31 350 50 100	
350	3,0	50	120 C	4/15/80 + 4/14/85	31 350 50 120	
350	3,0	50	160 C	4/15/80 + 4/14/85	31 350 50 160	
350	3,0	50	220 BW	4/15/80 + 4/14/85	31 350 50 220	
370	3,0	40	80 C	2/15/80 + 4/12/64 + 2/9/55	30 370 40 080	
370	3,0	40	120 C	2/15/80 + 4/12/64 + 2/9/55	30 370 40 120	
370	3,0	40	160 C	2/15/80 + 4/12/64 + 2/9/55	30 370 40 160	
370	3,0	40	220 BW	2/15/80 + 4/12/64 + 2/9/55	30 370 40 220	
370	3,0	50	80 C	4/15/80 + 4/14/85	30 370 50 080	
370	3,0	50	120 C	4/15/80 + 4/14/85	30 370 50 120	
370	3,0	50	160 C	4/15/80 + 4/14/85	30 370 50 160	
370	3,0	50	220 BW	4/15/80 + 4/14/85	30 370 50 220	
400	3,0	40	128 C	2/15/80 + 4/12/64 + 2/15/100	30 400 40 128	
400	3,0	40	160 C	2/15/80 + 4/12/64 + 2/15/100	30 400 40 160	
400	3,0	40	200 BW	2/15/80 + 4/12/64 + 2/15/100	30 400 40 200	
400	3,0	50	100 C	4/15/80 + 4/14/85	30 400 50 100	
400	3,0	50	160 C	4/15/80 + 4/14/85	30 400 50 160	
400	3,0	50	220 BW	4/15/80 + 4/14/85	30 400 50 220	
450	4,0	40	120 C	2/15/80 + 4/12/64 + 2/15/100	30 450 40 120	
450	4,0	40	180 C	2/15/80 + 4/12/64 + 2/15/100	30 450 40 180	
450	4,0	40	240 BW	2/15/80 + 4/12/64 + 2/15/100	30 450 40 240	



Tooth shape C and BW

Tooth shape C – Tooth shape C, is normally used for bars and solid materials. It consists of one pre-cutting tooth with chamfer and one finishing tooth without chamfer. The pre-cutting tooth is normally 0.2 - 0.3 mm higher than the finishing tooth.

Zahnform BW – Tooth shape BW is normally used for tubes and pipes with thin walls. BW teeth are alternately bevelled and the bevel represents 1/3 of blade thickness.

33-34 HS (HSS)-E (Co 5%)

HS-(HSS)-E steel saw blades



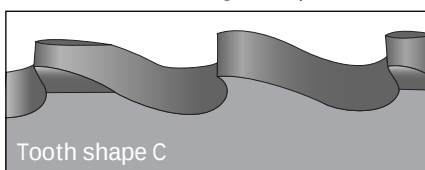
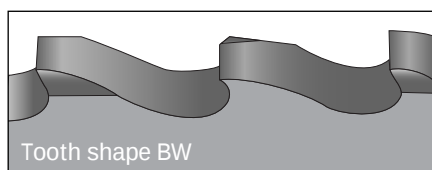
Characteristics:

- ▷ Tooth shapes:
 - C: Tooth shape C is used for solid sections or very thick pipes.
 - BW: Tooth shape BW is primarily used for cutting pipes and sections.
- ▷ Saw blades in high grade resistance (5% cobalt alloy)
- ▷ TIN + TiAlN coating on request

Allocation:

For separating of:

- ▷ alloy steel
- ▷ stainless steel



D	B	d	Z =		Art.-Nr.	€
225	2,0	32	120 C	2/8/45 + 2/11/63 + 4/9/50	33 225 32 120	
225	2,0	32	180 BW	2/8/45 + 2/11/63 + 4/9/50	33 225 32 180	
225	2,0	32	220 BW	2/8/45 + 2/11/63 + 4/9/50	33 225 32 220	
225	2,0	40	120 C	2/8/55 + 4/12/64	33 225 40 120	
225	2,0	40	180 BW	2/8/55 + 4/12/64	33 225 40 180	
225	2,0	40	220 BW	2/8/55 + 4/12/64	33 225 40 220	
250	2,0	32	128 C	2/8/45 + 2/12/64 + 4/9/50	33 250 32 180	
250	2,0	32	160 BW	2/8/45 + 2/12/64 + 4/9/50	33 250 32 160	
250	2,0	32	200 BW	2/8/45 + 2/12/64 + 4/9/50	33 250 32 200	
250	2,0	40	128 C	2/8/55 + 4/12/64	33 250 40 128	
250	2,0	40	160 BW	2/8/55 + 4/12/64	33 250 40 160	
250	2,0	40	200 BW	2/8/55 + 4/12/64	33 250 40 200	
250	2,5	32	128 C	2/8/45 + 2/12/64 + 4/9/50	34 250 32 128	
250	2,5	32	160 C	2/8/45 + 2/12/64 + 4/9/50	34 250 32 160	
250	2,5	32	200 BW	2/8/45 + 2/12/64 + 4/9/50	34 250 32 200	
250	2,5	40	128 C	2/8/55 + 4/12/64	34 250 40 128	
250	2,5	40	160 C	2/8/55 + 4/12/64	34 250 40 160	
250	2,5	40	200 BW	2/8/55 + 4/12/64	34 250 40 200	
275	2,0	40	220 BW	2/8/55 + 4/12/64	33 275 40 220	
275	2,5	32	110 C	2/8/45 + 2/12/64 + 4/9/50	34 275 32 110	
275	2,5	32	140 C	2/8/45 + 2/12/64 + 4/9/50	34 275 32 140	
275	2,5	32	180 C	2/8/45 + 2/12/64 + 4/9/50	34 275 32 180	
275	2,5	32	220 BW	2/8/45 + 2/12/64 + 4/9/50	34 275 32 220	113,00

33-34 HS (HSS)-E (Co 5%)

continuation

D	B	d	Z =		Art.-Nr.	€
275	2,5	40	110 C	2/8/55 + 4/12/64	34 275 40 110	
275	2,5	40	140 C	2/8/55 + 4/12/64	34 275 40 140	
275	2,5	40	180 C	2/8/55 + 4/12/64	34 275 40 180	
275	2,5	40	220 BW	2/8/55 + 4/12/64	34 275 40 220	
275	2,5	40	280 BW	2/8/55 + 4/12/64	34 275 40 280	
300	2,5	32	120 C	2/8/45 + 4/12/64 + 4/9/50	33 300 32 120	
300	2,5	32	160 C	2/8/45 + 4/12/64 + 4/9/50	33 300 32 160	
300	2,5	32	220 BW	2/8/45 + 4/12/64 + 4/9/50	33 300 32 220	
300	2,5	40	120 C	2/8/55 + 4/12/64	33 300 40 120	
300	2,5	40	160 C	2/8/55 + 4/12/64	33 300 40 160	
300	2,5	40	220 BW	2/8/55 + 4/12/64	33 300 40 220	
315	2,5	32	120 C	2/8/45 + 2/12/64 + 4/9/50	33 315 32 120	
315	2,5	32	160 C	2/8/45 + 2/12/64 + 4/9/50	33 315 32 160	
315	2,5	32	200 BW	2/8/45 + 2/12/64 + 4/9/50	33 315 32 200	
315	2,5	40	120 C	2/8/55 + 4/12/64	33 315 40 120	
315	2,5	40	160 C	2/8/55 + 4/12/64	33 315 40 160	
315	2,5	40	200 BW	2/8/55 + 4/12/64	33 315 40 200	
315	3,0	40	120 C	2/8/55 + 4/12/64	34 315 40 120	
315	3,0	40	160 C	2/8/55 + 4/12/64	34 315 40 160	
315	3,0	40	200 BW	2/8/55 + 4/12/64	34 315 40 200	
350	3,0	32	110 C	2/8/45 + 4/12/64 + 2/12/75	33 350 32 110	
350	3,0	32	140 C	2/8/45 + 4/12/64 + 2/12/75	33 350 32 140	
350	3,0	32	180 C	2/8/45 + 4/12/64 + 2/12/75	33 350 32 180	
350	3,0	32	220 BW	2/8/45 + 4/12/64 + 2/12/75	33 350 32 220	
350	3,0	40	110 C	2/8/55 + 4/12/64	33 350 40 110	
350	3,0	40	140 C	2/8/55 + 4/12/64	33 350 40 140	
350	3,0	40	180 C	2/8/55 + 4/12/64	33 350 40 180	
350	3,0	40	220 BW	2/8/55 + 4/12/64	33 350 40 220	
350	3,0	50	160 C	4/15/80 + 4/14/85	33 350 50 160	
370	3,0	50	160 C	4/15/80 + 4/14/85	33 370 50 160	
400	3,0	40	160 C	2/15/80 + 4/12/64 + 2/15/100	33 400 40 160	
400	3,0	40	220 BW	2/15/80 + 4/12/64 + 2/15/100	33 400 40 220	
400	3,0	50	160 C	4/15/80 + 4/14/85	33 400 50 160	
400	3,0	50	220 BW	4/15/80 + 4/14/85	33 400 50 220	
450	4,0	40	180 C	2/15/80 + 4/12/64 + 2/15/100	33 450 40 180	

35 HS (HSS) Segment saw blades

HS (HSS) Segment saw blades steel working


Characteristics:

- ▷ Saw blades made from mit alloyed tool steel with teathed and rivetted HSS DM05 segments.
- ▷ Segment saw blades provide due to their hardness of ca. 63-65 HCR optimal wear protection and long durability.

Allocation:

- For separating of:
- ▷ bigger workpieces in addition to HSS saw blades.

D	B	d	Z =		Art.-Nr.	€
275	3,0	40	96	2/8/55 + 4/12/64	35 275 40 096	
275	3,0	40	120	2/8/55 + 4/12/64	35 275 40 120	
300	3,6	40	112	2/8/55 + 4/12/64	35 300 40 112	
300	3,6	40	140	2/8/55 + 4/12/64	35 300 40 140	
315	3,6	40	84	2/11/55 + 4/12/64	35 315 40 084	
315	3,6	40	112	2/11/55 + 4/12/64	35 315 40 112	
315	3,6	40	140	2/11/55 + 4/12/64	35 315 40 140	
340	3,6	40	96	2/11/55 + 4/12/64	35 340 40 096	
340	3,6	40	128	2/11/55 + 4/12/64	35 340 40 128	
340	3,6	40	160	2/11/55 + 4/12/64	35 340 40 160	
360	3,6	40	96	2/11/55 + 4/12/64	35 360 40 096	
360	3,6	40	128	2/11/55 + 4/12/64	35 360 40 128	
360	3,6	40	160	2/11/55 + 4/12/64	35 360 40 160	
360	3,6	50	96	4/14/85 + 4/15/80	35 360 50 096	
360	3,6	50	128	4/14/85 + 4/15/80	35 360 50 128	
360	3,6	50	160	4/14/85 + 4/15/80	35 360 50 160	
370	3,6	50	96	4/14/85 + 4/15/80	35 370 50 096	
370	3,6	50	128	4/14/85 + 4/15/80	35 370 50 128	
370	3,6	50	160	4/14/85 + 4/15/80	35 370 50 160	
400	4,0	40	96	2/15/80 + 4/12/64	35 400 40 096	
400	4,0	40	128	2/15/80 + 4/12/64	35 400 40 128	
400	4,0	40	160	2/15/80 + 4/12/64	35 400 40 160	
400	4,0	50	96	4/14/85 + 4/15/80	35 400 50 096	
400	4,0	50	128	4/14/85 + 4/15/80	35 400 50 128	
400	4,0	50	160	4/14/85 + 4/15/80	35 400 50 160	
400	4,0	60	96	4/16/90 + 4/23/96	35 400 60 096	
400	4,0	60	128	4/16/90 + 4/23/96	35 400 60 128	

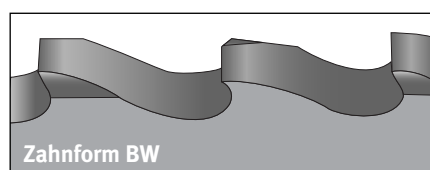
35 HS (HSS) Segment saw blades

continuation

D	B	d	Z =		Art.-Nr.	€
425	4,0	40	108	2/15/80 + 4/12/64	35 425 40 108	
425	4,0	40	144	2/15/80 + 4/12/64	35 425 40 144	
425	4,0	40	180	2/15/80 + 4/12/64	35 425 40 180	
425	4,0	50	108	4/14/85 + 4/15/80	35 425 50 108	
425	4,0	50	144	4/14/85 + 4/15/80	35 425 50 144	
450	4,0	50	108	4/15/80 + 4/18/100	35 450 50 108	
450	4,0	50	144	4/15/80 + 4/18/100	35 450 50 144	
450	4,0	50	180	4/15/80 + 4/18/100	35 450 50 180	
460	5,0	60	108	4/16/90 + 4/23/96	35 460 60 108	
460	5,0	60	144	4/16/90 + 4/23/96	35 460 60 144	
630	5,0	80	120	4/22/120 + 4/27/160	35 630 80 120	
630	5,0	80	160	4/22/120 + 4/27/160	35 630 80 160	
630	5,0	80	200	4/22/120 + 4/27/160	35 630 80 200	
630	6,0	80	120	4/22/120 + 4/27/160	35 630 80 129	
630	6,0	80	160	4/22/120 + 4/27/160	35 630 80 169	
660	5,0	80	120	8/22/142	35 660 80 120	
660	5,0	80	160	8/22/142	35 660 80 160	
660	5,0	80	200	8/22/142	35 660 80 200	
660	6,0	80	120	8/22/142	35 660 80 129	
660	6,0	80	160	8/22/142	35 660 80 169	
710	6,2	80	96	4/22/120 + 4/27/160	35 710 80 096	
710	6,2	80	120	4/22/120 + 4/27/160	35 710 80 120	
710	6,2	80	144	4/22/120 + 4/27/160	35 710 80 144	
810	6,8	80	96	4/22/120 + 4/27/160	35 810 80 096	
810	6,8	80	120	4/22/120 + 4/27/160	35 810 80 120	
810	6,8	80	144	4/22/120 + 4/27/160	35 810 80 144	
910	7,2	80	120	4/22/120 + 4/27/160	35 910 80 120	
910	7,2	80	150	4/22/120 + 4/27/160	35 910 80 150	
910	7,2	80	180	4/22/120 + 4/27/160	35 910 80 180	
910	7,2	100	150	8/27/186	35 910 100 150	
910	7,2	100	180	8/27/186	35 910 100 180	

36 HS (HSS) pipe saw

HS (HSS) pipe saws for metalworking



Characteristics:

- ▷ Pipe saw blades made from high-speed tool steel in tooth shape BW
- ▷ Surface without discolouration

Allocation:

For cutting of:

- ▷ metal pipes
- ▷ alloyed pipes (stainless material)

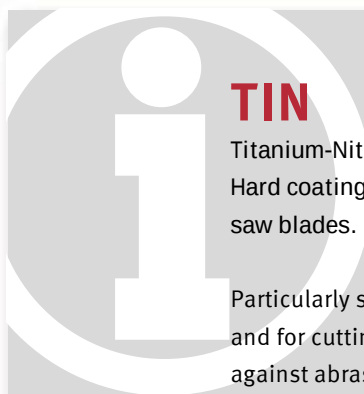
D	B	d	Z =		Art.-Nr.	€
63	1,6	16	44		36 063 16 44	
63	1,6	16	64		36 063 16 64	
68	1,6	16	44		36 068 16 44	
68	1,6	16	64		36 068 16 64	
68	1,6	16	84		36 068 16 84	
80	1,8	16	64		36 080 16 64	
80	1,8	16	80		36 080 16 80	

Adapted for Brand GF (Georg Fischer)



PVD

The above quoted saw blades are also available with PVD (Physical Vapour Deposition) surface treatment.



TIN

Titanium-Nitrite coating
Hard coating wear protection of
saw blades.

Particularly suitable for ferrous materials
and for cutting conditions which require resistance
against abrasive wear.

Particularly suitable for steel working
except copper and titanium material.

TIALN

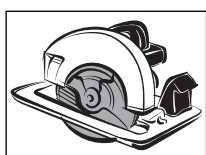
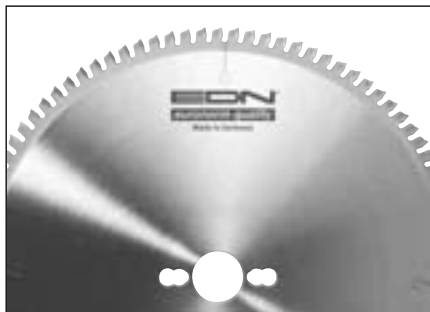
Titanium-Aluminium-Nitrite coating
Multilayer wear protection.

Particularly suitable for high cutting speed
and feed. In addition this coating features
a very good protection against wear protection
which is generated thru high thermal wear.

Good results are realized in processing of bronze
and brass.

07 ATF Allround

HW(HM) universal hand power tool saw blade - allround



Characteristics:

- ▷ Triple-chip-flat tooth, negative tooth angle
- ▷ Noise reduced thru special lasered expansion slots

Allocation:

Carbide tipped saw blade for cutting and separating of:

- ▷ hard and soft wood
- ▷ chipboard vaneered or plastic-coated
- ▷ timber with nails, screws or hardware
- ▷ plastics
- ▷ aluminium
- ▷ brass
- ▷ pipes
- ▷ flat steel and angle steel (observe rotation speed)
- ▷ heat insulation fibre-board

D	B	d	Z =	◆ ◆ ◆	Colourcode	No.	Art.-Nr.	Brand	€
150	2,8	16	42	2 KN 4x7,5	green	7	07 150 16 42	Bosch, Scheer	
150	2,8	20	42	2 NL 6/32	green	8	07 150 20 42	AEG, B+D, Elu, Hitachi, Metabo, Scheer, Skil, Stayer, Wegoma	
150	2,8	30	42	2 NL 7/42	green	9	07 150 30 42	Elu, Festool	
156	2,8	12,7	42	2 KN 4x7,5	green	10	07 156 12 42	Black & Decker	
160	2,8	16	42	1 NL 6/32	green	11a	07 160 16 42	B+D, Bosch, Scheer, Skil	
160	2,8	20	42	2 NL 6/32	green	11	07 160 20 42	AEG, Festool, Hitachi, Holz Her, Kress, Mafell, Makita, Metabo, Scheer	
170	2,8	16	48	1 NL 6/32	green	14a	07 170 16 48	Skil	
170	2,8	20	48	2 NL 6/32	green	14	07 170 20 48	Mafell, Makita, Metabo	
170	2,8	30	48	2 NL 7/42	green	15	07 170 30 48	Bosch, Elu, Festool, Hitachi, Holz Her	
180	2,8	16	48	1 NL 6/32	green	16a	07 180 16 48	Black & Decker, De Walt, Skil	
180	2,8	20	48	2 NL 6/32	green	16	07 180 20 48	B+D, Haffner, Makita, Metabo	
180	2,8	30	48	2 NL 7/42	green	17	07 180 30 48	Bosch, Festool, Hitachi, Holz Her, Mafell	

07 ATF Allround

continuation

D	B	d	Z =		Colourcode	Nr.	Art.-Nr.	Brand	€
190	2,8	16	54	1 NL 6/32	green	18a	07 190 16 54	Bosch, Skil	
190	2,8	20	54	2 NL 6/32	green	18	07 190 20 54	Kress, Makita	
190	2,8	30	54	2 NL 7/42	green	19	07 190 30 54	AEG, B+D, Bosch, De Walt, Elu, Festool, Hitachi, Holz Her, Mafell, Scheer, Skil, Stayer, Makita	
200	2,8	16	54	1 NL 6/32	green	20a	07 200 16 54	Black & Decker, Ryobi	
200	2,8	30	54	2 NL 7/42	green	20	07 200 30 54	AEG, Bosch, Festool, Holz Her, Kity, Mafell, Makita, Scheer Haffner, Scheppach	
205	2,8	18	54		green	20c	07 205 18 54	Elektra, Güde, Scheppach	
210	2,8	30	54	2 NL 7/42	green	22	07 210 30 54	AEG, B+D, Elu, Fein, Güde, Haffner, Hitachi, Holz Her, Mafell, Metabo, Skil, Stayer	
225	2,8	30	60	2 NL 7/42	green	29	07 225 30 60	Festool, Mafell	
230	2,8	30	60	2 NL 7/42	green	25	07 230 30 60	AEG, Bosch, B+D, Festool, Haffner, Hitachi, Holz Her, Mafell, Metabo, Scheer, Skil, Stayer	
240	2,8	30	72	2 NL 7/42	green	27	07 240 30 72	Bosch, De Walt, Elu, Festool, Hitachi, Holz Her, Mafell, Metabo	
250	2,8	30	80	2 NL 7/42	green	28	07 250 30 80	AEG, De Walt, Elu, Festool, Güde, Kity	

HW (HM) carbide tipped saw blades Series 05



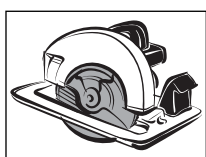
Colour codes

and their meaning (= application)

- | | |
|--------|---|
| white | HW - for clean cuts in natural wood (hard and soft) as well as panel material (longitudinal and cross to the direction of fibre). |
| yellow | HW - for separating of natural wood (hard and soft) as well as panel material (single sided veneered and plastic-coated). |
| orange | HW - for separating of natural wood (hard and soft), blockboard, panel material (veneered or plastic-coated) as well as timber and plastic profile. |
| gold | HW - for separating panel material (double sided veneered or plastic-coated), wood stripes and plastic profile with high requirements in chip free cuts . |

Series 05

HW(HM) saw blades for portable power saws, mitre-, trimming- and panel sizing saws



Characteristics:

- ▷ Reasonable stepped number of teeth
- ▷ Diamond grinded carbide tips
- ▷ Precise flattened saw body for a good cutting quality.
- ▷ Established carbide tip brands for a long durability.

Allocation:

- ▷ Available for all current types of machines.
- ▷ To some extent, several different machines can be covered by one saw blade to reduce storage costs .

D	B	d	Z =		Colourcode	Nr.	Art.-Nr.	Brand	€
90	3,0	30	20 W				05 090 3020	Holz Her	
100	2,5	12	30 W		orange	0	05 100 1230	Elu	
105	2,5	20	30 W		orange	0b	05 105 2030	Bosch, Festool	
105	2,5	22	30 W		orange	0a	05 105 2230	Elu, Wegoma	
120	1,8	20	24 W	2 NL 5,5/30			05 120 2024 D	Mafell	
120	2,5	20	10 F	2 NL 5,5/30	white	1	05 120 2010	AEG, Festool, Haffner, Mafell	
120	2,5	20	20 W	2 NL 5,5/30	yellow	1	05 120 2020		
120	2,5	20	30 W	2 NL 5,5/30	orange	1	05 120 2030		
125	2,5	12,7	10 F		white	2	05 125 1210	B+D, Skil	
125	2,5	12,7	20 W		yellow	2	05 125 1220		
125	2,5	12,7	30 W		orange	2	05 125 1230		
125	2,5	20	10 F	2 NL 6/32	white	3	05 125 2010	AEG, Haffner, Hitachi, Mafell	
125	2,5	20	20 W	2 NL 6/32	yellow	3	05 125 2020		
125	2,5	20	30 W	2 NL 6/32	orange	3	05 125 2030		
130	2,5	16	10 F	1 NL 6/32	white	4a	05 130 1610	Bosch, Metabo	
130	2,5	16	20 W	1 NL 6/32	yellow	4a	05 130 1620		
130	2,5	16	30 W	1 NL 6/32	orange	4a	05 130 1630		
130	2,5	16	40 W	1 NL 6/32	gold	4a	05 130 1640		
130	2,5	20	10 F	2 NL 6/32	white	4	05 130 2010	AEG, Holz Her	
130	2,5	20	20 W	2 NL 6/32	yellow	4	05 130 2020		
130	2,5	20	30 W	2 NL 6/32	orange	4	05 130 2030		
130	2,5	20	40 W	2 NL 6/32	gold	4	05 130 2040		

Series 05

continuation

D	B	d	Z =		Colourcode	Nr.	Art.-Nr.	Brand	€
136	2,5	10	20W		yellow	5a	05 136 1020	De Walt	
136	2,5	10	40W		gold	5a	05 136 1040		
140	2,5	12,7	20W		yellow	6a	05 140 1220	Black & Decker	
140	2,5	12,7	30W		orange	6a	05 140 1230		
140	2,5	12,7	42W		gold	6a	05 140 1242		
140	2,5	20	12F	2 NL 6/32	white	6	05 140 2012	AEG, Bosch, Holz Her, Metabo	
140	2,5	20	20W	2 NL 6/32	yellow	6	05 140 2020	Stayer	
140	2,5	20	30W	2 NL 6/32	orange	6	05 140 2030		
140	2,5	20	42W	2 NL 6/32	gold	6	05 140 2042		
150	2,5	16	12F	2 KN 4x7,5	white	7	05 150 1612	Bosch, Scheer	
150	2,5	16	24W	2 KN 4x7,5	yellow	7	05 150 1624		
150	2,5	16	36W	2 KN 4x7,5	orange	7	05 150 1636		
150	2,5	16	48W	2 KN 4x7,5	gold	7	05 150 1648		
150	2,5	20	12F	2 NL 6/32	white	8	05 150 2012	AEG, B+D, Elu, Fein, Hitachi	
150	2,5	20	24W	2 NL 6/32	yellow	8	05 150 2024	Metabo, Scheer, Skil, Stayer	
150	2,5	20	36W	2 NL 6/32	orange	8	05 150 2036	Wegoma	
150	2,5	20	48W	2 NL 6/32	gold	8	05 150 2048		
150	2,5	30	12F	2 NL 7/42	white	9	05 150 3012	Elu, Festool	
150	2,5	30	24W	2 NL 7/42	yellow	9	05 150 3024		
150	2,5	30	36W	2 NL 7/42	orange	9	05 150 3036		
150	2,5	30	48W	2 NL 7/42	gold	9	05 150 3048		
156	2,5	12,7	12F	2 KN 4x7,5	white	10	05 156 1212	Black&Decker	
156	2,5	12,7	24W	2 KN 4x7,5	yellow	10	05 156 1224		
156	2,5	12,7	36W	2 KN 4x7,5	orange	10	05 156 1236		
156	2,5	12,7	48W	2 KN 4x7,5	gold	10	05 156 1248		
160	1,8	20	24W	2 NL6/32			05 160 2024 D	Mafell	
160	1,8	20	32W	2 NL6/32			05 160 2032 D		
160	2,5	16	12F	1 NL 6/32	white	11a	05 160 1612	B+D, Bosch, Scheer, Skil	
160	2,5	16	24W	1 NL 6/32	yellow	11a	05 160 1624		
160	2,5	16	36W	1 NL 6/32	orange	11a	05 160 1636		
160	2,5	16	48W	1 NL 6/32	gold	11a	05 160 1648		
160	2,5	20	12F	2 NL 6/32	white	11	05 160 2012	AEG, Fein, Festool, Haffner	
160	2,5	20	24W	2 NL 6/32	yellow	11	05 160 2024	Hitachi, Holz Her, Kress, Mafell	
160	2,5	20	36W	2 NL 6/32	orange	11	05 160 2036	Makita, Metabo, Scheer	
160	2,5	20	48W	2 NL 6/32	gold	11	05 160 2048		

Series 05

continuation

D	B	d	Z =		Colourcode	Nr.	Art.-Nr.	Brand	€
160	2,5	30	12F	2 NL 7/42	white	12	05 160 3012	Festool	
160	2,5	30	24W	2 NL 7/42	yellow	12	05 160 3024		
160	2,5	30	36W	2 NL 7/42	orange	12	05 160 3036		
160	2,5	30	48W	2 NL 7/42	gold	12	05 160 3048		
165	2,5	20	12F	2 NL 6/32	white	13	05 165 2012	Makita, Metabo, Scheer	
165	2,5	20	24W	2 NL 6/32	yellow	13	05 165 2024		
165	2,5	20	36W	2 NL 6/32	orange	13	05 165 2036		
165	2,5	20	48W	2 NL 6/32	gold	13	05 165 2048		
170	2,5	16	24W	1 NL 6/32	yellow	14a	05 170 1624	Skil	
170	2,5	16	54W	1 NL 6/32	gold	14a	05 170 1654		
170	2,5	20	14F	2 NL 6/32	white	14	05 170 2014	Mafell, Makita, Metabo	
170	2,5	20	24W	2 NL 6/32	yellow	14	05 170 2024		
170	2,5	20	54W	2 NL 6/32	gold	14	05 170 2054		
170	2,5	30	14F	2 NL 7/42	white	15	05 170 3014	Bosch, Elu, Festool, Hitachi	
170	2,5	30	24W	2 NL 7/42	yellow	15	05 170 3024	Holz Her	
170	2,5	30	36W	2 NL 7/42	orange	15	05 170 3036		
170	2,5	30	54W	2 NL 7/42	gold	15	05 170 3054		
180	2,0	30	30W	2 NL 7/42			05 180 3030D	Mafell	
180	2,5	16	14F	1 NL 6/32	white	16a	05 180 1614	B+D, De Walt, Ryobi, Skil	
180	2,5	16	24W	1 NL 6/32	yellow	16a	05 180 1624		
180	2,5	16	36W	1 NL 6/32	orange	16a	05 180 1636		
180	2,5	16	56W	1 NL 6/32	gold	16a	05 180 1656		
180	2,5	20	14F	2 NL 6/32	white	16	05 180 2014	B+D, Haffner, Makita, Metabo	
180	2,5	20	24W	2 NL 6/32	yellow	16	05 180 2024	Ryobi	
180	2,5	20	36W	2 NL 6/32	orange	16	05 180 2036		
180	2,5	20	56W	2 NL 6/32	gold	16	05 180 2056		
180	2,5	30	14F	2 NL 7/42	white	17	05 180 3014	Bosch, Festool, Hitachi	
180	2,5	30	24W	2 NL 7/42	yellow	17	05 180 3024	Holz Her, Mafell	
180	2,5	30	36W	2 NL 7/42	orange	17	05 180 3036		
180	2,5	30	56W	2 NL 7/42	gold	17	05 180 3056		
190	2,0	30	36W	2 NL 7/42			05 190 3036D	Mafell	
190	2,5	16	14F	1 NL 6/32	white	18a	05 190 1614	Bosch, Skil, Ryobi	
190	2,5	16	30W	1 NL 6/32	yellow	18a	05 190 1630		
190	2,5	16	42W	1 NL 6/32	orange	18a	05 190 1642		
190	2,5	16	56W	1 NL 6/32	gold	18a	05 190 1656		

Series 05

continuation

D	B	d	Z =		Colourcode	Nr.	Art.-Nr.	Brand	€
190	2,5	20	14F	2 NL 6/32	white	18	05 190 2014	Kress, Makita	
190	2,5	20	30W	2 NL 6/32	yellow	18	05 190 2030		
190	2,5	20	42W	2 NL 6/32	orange	18	05 190 2042		
190	2,5	20	56W	2 NL 6/32	gold	18	05 190 2056		
190	2,5	20 R	32W	Fast-Fix			05 190 2R32	Festool-Precisio	
190	2,5	20 R	48W	Fast-Fix			05 190 2R48		
190	2,5	30	14F	2 NL 7/42	white	19	05 190 3014	AEG, B+D, Bosch, De Walt, Elu,	
190	2,5	30	24W	2 NL 7/42			05 190 3024	Festool, Hitachi, Holz Her, Mafell,	
190	2,5	30	30W	2 NL 7/42	yellow	19	05 190 3030	Makita Scheer, Skil, Stayer	
190	2,5	30	42W	2 NL 7/42	orange	19	05 190 3042		
190	2,5	30	48W	2 NL 7/42			05 190 3048		
190	2,5	30	56W	2 NL 7/42			05 190 3056		
200	2,5	16	16F	1 NL 6/32	white	20a	05 200 1616	B+D, Ryobi	
200	2,5	16	30W	1 NL 6/32	yellow	20a	05 200 1630		
200	2,5	16	42W	1 NL 6/32	orange	20a	05 200 1642		
200	2,5	16	64W	1 NL 6/32	gold	20a	05 200 1664		
200	2,5	30	16F	2 NL 7/42	white	20	05 200 3016	AEG, Bosch, Festool, Holz Her,	
200	2,5	30	30W	2 NL 7/42	yellow	20	05 200 3030	Kity, Mafell, Makita, Scheer,	
200	2,5	30	42W	2 NL 7/42	orange	20	05 200 3042	Scheppach	
200	2,5	30	64W	2 NL 7/42	gold	20	05 200 3064		
205	2,5	18	16F		white	20c	05 205 1816	Elektra, Güde, Scheppach	
205	2,5	18	30W		yellow	20c	05 205 1830		
205	2,5	18	42W		orange	20c	05 205 1842		
205	2,5	18	64W		gold	20c	05 205 1864		
210	2,5	30	16F	2 NL 7/42	white	22	05 210 3016	AEG, B+D, Bosch, Einhell, Elu,	
210	2,5	30	30W	2NL7/42	yellow	22	05 210 3030	Elektra, Fein, Güde, Haffner,	
210	2,5	30	42W	2NL7/42	orange	22	05 210 3042	Hitachi, Holz Her, Mafell,	
210	2,5	30	64W	2NL7/42	gold	22	05 210 3064	Metabo, Ryobi, Skil, Stayer	
215	2,5	30	30W	2 NL 7/42	yellow	23a	05 215 3030	Elu, Hitachi	
215	2,5	30	64W	2 NL 7/42	gold	23a	05 215 3064		
220	2,5	30	20F	2 NL 7/42	white	24	05 220 3020	Elektra, Festool, Haffner,	
220	2,5	30	34W	2 NL 7/42	yellow	24	05 220 3034	Holz Her, Kity, Metabo, Scheer	
220	2,5	30	48W	2 NL 7/42	orange	24	05 220 3048		
220	2,5	30	64W	2 NL 7/42	gold	24	05 220 3064		

Series 05

continuation

D	B	d	Z =		Colourcode	Nr.	Art.-Nr.	Brand	€
225	2,5	30	20F	2 NL 7/42	white	29	05 225 3020	Festool, Mafell	
225	2,5	30	24W	2 NL 7/42			05 225 3024		
225	2,5	30	34W	2 NL 7/42	yellow	29	05 225 3034		
225	2,5	30	48W	2 NL 7/42	orange	29	05 225 3048		
225	2,5	30	64W	2 NL 7/42	gold	29	05 225 3064		
230	2,5	30	20F	2 NL 7/42	white	25	05 230 3020	AEG, B+D, Bosch, Festool,	
230	2,5	30	24W	2 NL 7/42			05 230 3024	Haffner, Hitachi, Holz Her,	
230	2,5	30	34W	2 NL 7/42	yellow	25	05 230 3034	Mafell, Metabo, Ryobi, Scheer,	
230	2,5	30	48W	2 NL 7/42	orange	25	05 230 3048	Skil, Stayer	
230	2,5	30	64W	2 NL 7/42	gold	25	05 230 3064		
235	2,5	30	20F	2 NL 7/42	white	26	05 235 3020	B+D, Haffner, Skil	
235	2,5	30	34W	2 NL 7/42	yellow	26	05 235 3034		
235	2,5	30	48W	2 NL 7/42	orange	26	05 235 3048		
235	2,5	30	64W	2 NL 7/42	gold	26	05 235 3064		
240	2,5	30	20F	2 NL 7/42	white	27	05 240 3020	Bosch, De Walt, Elu, Festool,	
240	2,5	30	34W	2 NL 7/42	yellow	27	05 240 3034	Hitachi, Holz Her, Mafell, Metabo	
240	2,5	30	48W	2 NL 7/42	orange	27	05 240 3048		
240	2,5	30	72W	2 NL 7/42	gold	27	05 240 3072		
250	3,0	30	24WA	KNL	white	28	05 250 3024	AEG, De Walt, Elektra, Elu,	
250	3,0	30	40W	KNL	yellow	28	05 250 3040	B+D, Bosch, Festool, Güde,	
250	3,0	30	48W	KNL	orange	28d	05 250 3048	Holzkraft, Kity	
250	3,0	30	60W	KNL	orange	28	05 250 3060		
250	3,0	30	80W	KNL	gold	28	05 250 3080		
260	2,5	25	20F		white	30	05 260 2520	Makita	
260	2,5	25	34W		yellow	30	05 260 2534		
260	2,5	30	20F		white	30a	05 260 3020	De Walt, Elu, Kity, Skil,	
260	2,5	30	34W		yellow	30a	05 260 3034	Elektra, Elu, Haffner, Lutz	
								Mafell, Scheppach, Wegoma	
266	3,0	25	20F		white	30b	05 266 2520	Makita	
266	3,0	25	34W		yellow	30b	05 266 2534		
270	3,0	30	20F		white	32	05 270 3020	Kity, Makita	
270	3,0	30	34W		yellow	32	05 270 3034		
300	3,0	30	28WA	KNL	white	40	05 300 3028	De Walt, Elektra, Elu, Holz Her	
300	3,0	30	48W	KNL	yellow	40	05 300 3048	Holzkraft, Metabo, Scheppach	
300	3,0	30	60W	KNL	orange	40	05 300 3060		
300	3,0	30	72W	KNL	orange	40a	05 300 3072		
300	3,0	30	96W	KNL	gold	40	05 300 3096		

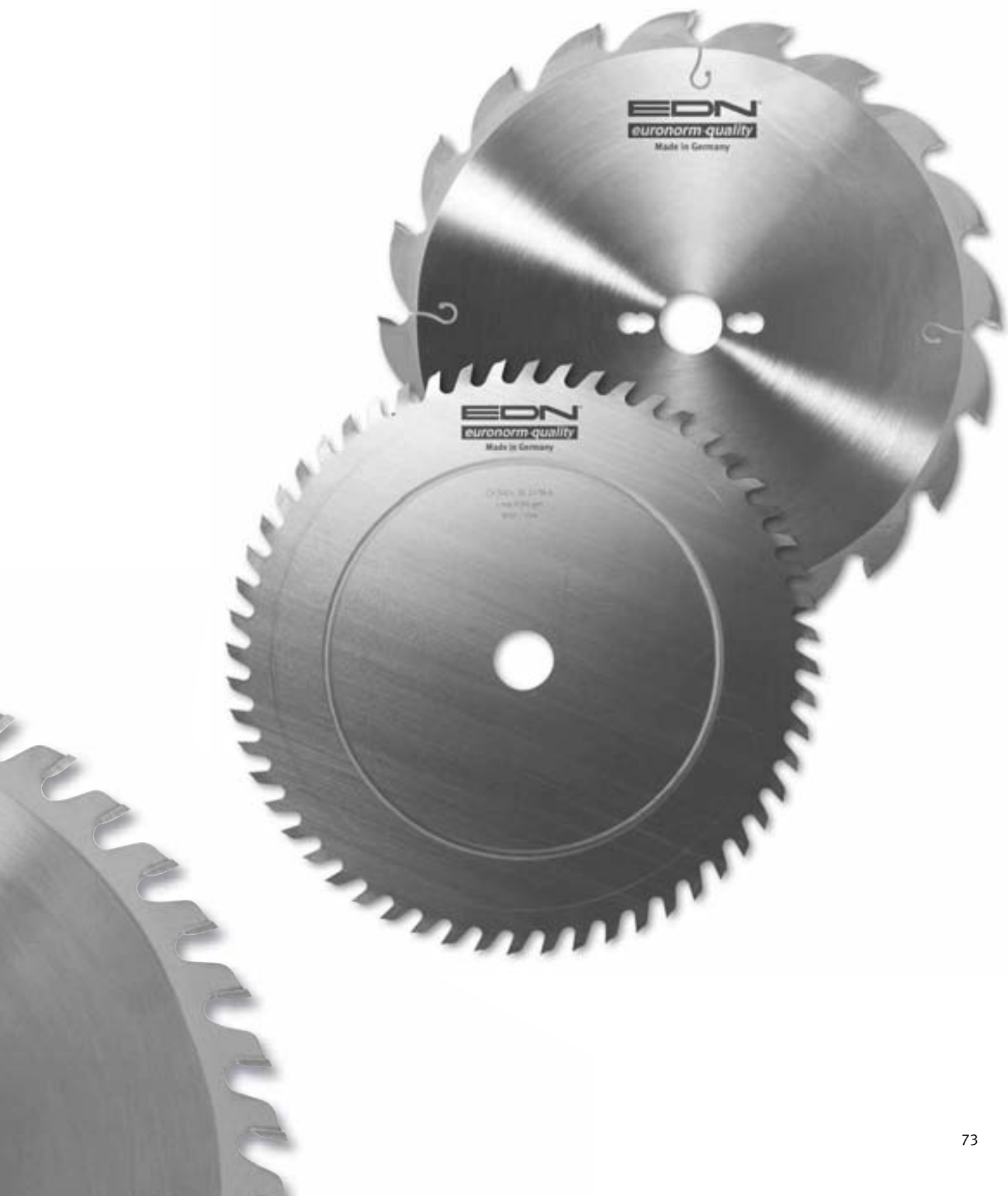
Series 05

continuation

D	B	d	Z =		Colourcode	Nr.	Art.-Nr.	Brand	€
315	3,0	30	28WA	KNL	white	41	05 315 3028	Elektra, Güde, Haffner, Hitachi	
315	3,0	30	48W	KNL	yellow	41	05 315 3048	Lutz, Mafell, Makita, Metabo,	
315	3,0	30	72W	KNL	orange	41	05 315 3072	Scheppach	
350	3,2	30	32WA	KNL	white	42	05 350 3032	De Walt, Elu, Festool, Haffner	
350	3,2	30	54W	KNL	yellow	42	05 350 3054	Holz Her, Holzkraft, Mafell	
350	3,2	30	72W	KNL	orange	42	05 350 3072	Wegoma	
350	3,2	30	84W	KNL	orange	42a	05 350 3084		
350	3,2	30	108W	KNL	gold	42	05 350 3010		
400	3,2	30	36WA	KNL	white	43	05 400 3036	De Walt, Elektra, Elu, Festool,	
400	3,2	30	60W	KNL	yellow	43	05 400 3060	Haffner, Holz Her, Lutz, Mafell,	
400	3,2	30	84W	KNL	orange	43	05 400 3084	Scheppach, Wegoma	
400	3,2	30	96W	KNL	orange	43a	05 400 3096		
450	3,6	30	40WA	KNL	white	44	05 450 3040	Elektra, Festool, Lutz, Mafell,	
								Scheppach	
500	3,8	30	44WA	KNL	white	45	05 500 3044	De Walt, Elektra, Elu, Haffner,	
								Lutz, Mafell, Scheppach,	
								Wegoma	



Construction site saw blades HW (HM)
carbide tipped and SP (CV)



200 SP (CV) – Steel saw blade

Construction site saw blade chrome steel blank



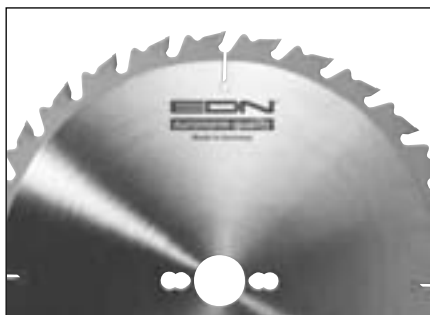
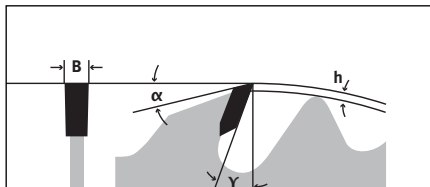
Characteristics:

- ▷ With 56 A-teeth (rake-tooth) crossed and sharpened

D	B	d	Z =		Colourcode	Nr.	Art.-Nr.	€
250	1,6	30	56 A		red	28	200 250 300	
300	2,0	30	56 A		red	40	200 300 300	
315	2,0	30	56 A		red	41	200 315 300	
350	1,8	30	56 A		red	42	200 350 300	
400	2,2	30	56 A		red	43	200 400 300	
450	2,5	30	56 A		red	44	200 450 300	
500	2,5	30	56 A		red	45	200 500 300	
600	3,0	30	56 A		red	46	200 600 300	
600	3,0	35	56 A				200 600 350	
700	3,2	30	56 A		red	47	200 700 300	
700	3,2	35	56 A				200 700 350	

102 BWK

HW(HM) construction site saw blade with deflectors



Characteristics:

- ▷ Flat tooth, positive tooth angle
- ▷ Chip thickness limited
- ▷ Kick back reduction
- ▷ From 600 mm diameter with expansion slots

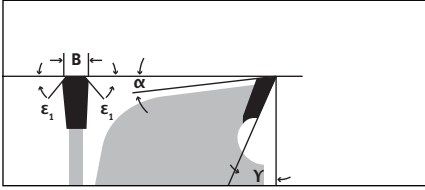
Allocation:

- ▷ The ideal saw blade for construction sites.
- ▷ For cutting boards and light-weight building borads.
- ▷ For universal use around the house and garden.

D	B	d	Z =		Colourcode	Nr.	Art.-Nr.	€
300	3,0	30	20				102 300 300	
315	3,0	30	20				102 315 300	
350	3,2	30	24				102 350 300	
400	3,2	30	28				102 400 300	
450	3,5	30	30		white	44a	102 450 300	
500	3,8	30	34		white	45a	102 500 300	
600	4,4	30	36		white	46	102 600 300	
600	4,4	35	36				102 600 350	
700	4,6	30	42		white	47	102 700 300	
700	4,6	35	42				102 700 350	

112 BTK 114 BTS

HW(HM) construction site saw blade "nail resistant"



Characteristics:

- ▷ Flat tooth, light laterally chamfered, positive tooth angle
- ▷ Special carbide tips
- ▷ Extremely big chip space
- ▷ Low cutting pressure

Allocation:

- ▷ Specially for cutting carcassing timbers and shutter boards with tight nails and concrete residues
- ▷ Heraklith slabs
- ▷ Gas-aerated concrete bricks
- ▷ Insulating boards
- ▷ Plastic pipes and non-ferrous profiles

D	B	d	Z =		Colourcode	Nr.	Art.-Nr.	€
300	3,0	30	20	KNLF	blue	40	114 300 300	
315	3,0	30	20	KNLF	blue	41	114 315 300	
350	3,2	30	24	KNL	blue	42	114 350 300	
400	3,5	30	28	KNL	blue	43	114 400 300	
450	3,5	30	30	KNL	blue	44	114 450 300	
500	3,8	30	34	KNL	blue	45	114 500 300	
600	4,4	30	36 ABW		blue	46	112 600 300	
600	4,4	35	36 ABW				112 600 350	
700	4,6	30	42 ABW		blue	47	112 700 300	
700	4,6	35	42 ABW				112 700 350	
750	5,0	30	48 ABW				112 750 300	

103 BHS

HW(HM) construction site handsaw



Characteristics:

- ▷ With big HW(HM)- tips
- ▷ Stable wooden grip

Allocation:

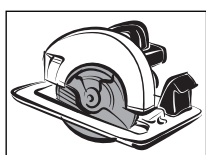
- For cutting
- ▷ Gas-aerated concrete
 - ▷ Lightweight building board
 - ▷ Lightweight building stones e.g. Ytong, Hebel

D		Z =		Art.-Nr.	€
450	mm	11		103 450 011	
750	mm	17		103 750 017	
750	mm	34		103 750 034	

VE = 6 Stck.

04 BFA

(HW) Construction site saw blades for hand power tools "nail resistant"



Characteristics:

- ▷ Flat tooth, light laterally chamfered, positive tooth angle
- ▷ With expansion slots

Allocation:

- For cutting and separating of
- ▷ carcassing timbers and shutter boards with tight nails
 - ▷ concrete residues
 - ▷ Heraklith slabs
 - ▷ gas-aerated concrete bricks
 - ▷ Insulating boards
 - ▷ plastic pipes and non-ferrous profiles

D	B	d	Z =		Colourcode	Nr.	Art.-Nr.	Brand	€
150	3,0	16	12	2 KN 4X7,5	blue	7	04 150 16 12	Bosch, Scheer	
150	3,0	20	12	2 NL 6/32	blue	8	04 150 20 12	AEG, B+D, Elu, Fein, Hitachi, Metabo, Scheer, Skil, Stayer, Wegoma	
160	3,0	16	12	1 NL 6/32	blue	11a	04 160 16 12	B+D, Bosch, Scheer, Skil	
160	3,0	20	12	2 NL 6/32	blue	11	04 160 20 12	AEG, Fein, Festool, Haffner, Hitachi, Holz Her, Kress, Mafell, Makita, Metabo	
170	3,0	20	14	2 NL 6/32	blue	14	04 170 20 14	Mafell, Makita, Metabo	
170	3,0	30	14	2 NL 7/42	blue	15	04 170 30 14	Bosch, Elu, Festool, Hitachi, Holz Her	
180	3,0	16	14	1 NL 6/32	blue	16a	04 180 16 14	B+D, De Walt, Ryobi, Skil	
180	3,0	30	14	2 NL 7/42	blue	17	04 180 30 14	Bosch, Festool, Hitachi, Holz Her, Mafell	
190	3,0	16	14	1 NL 6/32	blue	18a	04 190 16 14	Bosch, Skil, Ryobi	
190	3,0	30	14	2 NL 7/42	blue	19	04 190 30 14	AEG, B+D, Bosch, De Walt, Elu, Festool, Hitachi, Holz Her, Mafell, Scheer, Skil, Stayer, Makita	

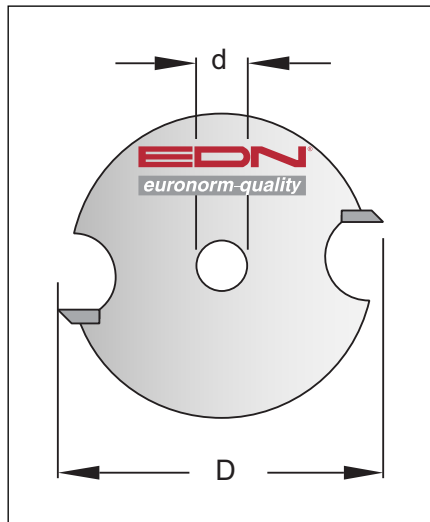
04 BFA

continuation

D	B	d	Z =		Colourcode	Nr.	Art.-Nr.	Brand	€
200	3,2	16	14	1 NL 6/32	blue	20a	04 200 16 14	B+D, Ryobi	
200	3,2	30	14	2 NL 7/42	blue	20	04 200 30 14	AEG, Bosch, Festool, Holz Her, Kity, Mafell, Makita, Scheer, Scheppach	
210	3,2	30	14	2 NL 7/42	blue	22	04 210 30 14	AEG, Bosch, B+D, Einhell, Elektra, Elu, Fein, Güde, Haffner, Hitachi, Holz Her, Mafell, Metabo, Ryobi, Skil, Stayer	
225	3,2	30	16	2 NL 7/42	blue	29	04 225 30 16	Festool, Mafell	
230	3,2	30	16	2 NL 7/42	blue	25	04 230 30 16	AEG, Bosch, B+D, Festool, Haffner, Hitachi, Holz Her, Mafell, Metabo, Ryobi, Scheer, Skil, Stayer	
235	3,2	30	16	2 NL 7/42	blue	26	04 235 30 16	B+D, Haffner, Skil	
240	3,2	30	16	2 NL 7/42	blue	27	04 240 30 16	Bosch, De Walt, Elu, Festool, Hitachi, Holz Her, Mafell, Metabo	
250	3,2	30	16	2 NL 7/42	blue	28	04 250 30 16	AEG, De Walt, Elektra, Elu, Festool, Güde, Holzkraft, Kity	
270	3,0	30	20		blue	32	04 270 30 20	Kity, Makita	

435 Mini-Groover HW (HM) Z=2

Mini-Groover HW (HM) flat tooth



Characteristics:

▷ Double-edged

Allocation:

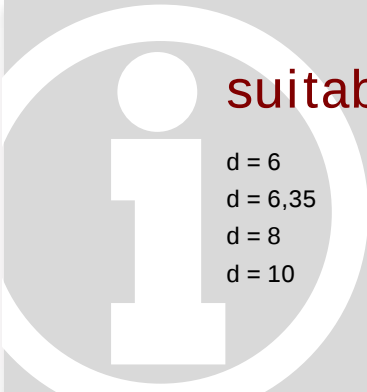
For grooving and slitting on milling arbor

D	B	d	Z=	Art.-Nr.	€
40	1,5	6	2	435 40 15 06	
40	1,8	6	2	435 40 18 06	
40	2,0	6	2	435 40 20 06	
40	2,2	6	2	435 40 22 06	
40	2,5	6	2	435 40 25 06	
40	2,8	6	2	435 40 28 06	
40	3,0	6	2	435 40 30 06	
40	3,2	6	2	435 40 32 06	
40	3,5	6	2	435 40 35 06	
40	4,0	6	2	435 40 40 06	
40	5,0	6	2	435 40 50 06	
40	6,0	6	2	435 40 60 06	
40	1,5	6,35	2	435 40 15 07	
40	1,8	6,35	2	435 40 18 07	
40	2,0	6,35	2	435 40 20 07	
40	2,2	6,35	2	435 40 22 07	
40	2,5	6,35	2	435 40 25 07	
40	2,8	6,35	2	435 40 28 07	
40	3,0	6,35	2	435 40 30 07	
40	3,2	6,35	2	435 40 32 07	
40	3,5	6,35	2	435 40 35 07	
40	4,0	6,35	2	435 40 40 07	
40	5,0	6,35	2	435 40 50 07	
40	6,0	6,35	2	435 40 60 07	

435 Mini-Groover HW (HM) Z=2

continuation

D	B	d	Z=	Art.-Nr.	€
40	1,5	8	2	435 40 15 08	
40	1,8	8	2	435 40 18 08	
40	2,0	8	2	435 40 20 08	
40	2,2	8	2	435 40 22 08	
40	2,5	8	2	435 40 25 08	
40	2,8	8	2	435 40 28 08	
40	3,0	8	2	435 40 30 08	
40	3,2	8	2	435 40 32 08	
40	3,5	8	2	435 40 35 08	
40	4,0	8	2	435 40 40 08	
40	5,0	8	2	435 40 50 08	
40	6,0	8	2	435 40 60 08	
40	1,3	10	2	435 40 13 10	
40	1,5	10	2	435 40 15 10	
40	1,8	10	2	435 40 18 10	
40	2,0	10	2	435 40 20 10	
40	2,2	10	2	435 40 22 10	
40	2,5	10	2	435 40 25 10	
40	2,8	10	2	435 40 28 10	
40	3,0	10	2	435 40 30 10	
40	3,5	10	2	435 40 35 10	
40	4,0	10	2	435 40 40 10	



suitable for...

- d = 6
- d = 6,35
- d = 8
- d = 10

suitable for für Scheer
 suitable for Festool
 suitable for Festool, Metabo, Reich, Fezer
 suitable for Haffner und Portasfräser

436 HW (HM) cutting bit "Portas" Z=2

HW (HM) cutting bit "Portas" standard design



Characteristics:

- ▷ Calindrical version =Z
- ▷ Conical version =K

Allocation:

For usage on high speed surface milling cutters.

D	B	d	Z=	Art.-Nr.	€
25,5	6,5	10	2	436 25 65 10Z	
25,5	6,5	10	2	436 25 65 10K	
matching Mini-Groover					
40	3,0	10	2	435 40 30 10	

437 HW (HM) mini cutting bit "Portas" Z=2

HW (HM) cutting bit "Portas" in mini design



Characteristics:

- ▷ Calindrical version =Z
- ▷ Conical version =K

Allocation:

For usage on high speed surface milling cutters.

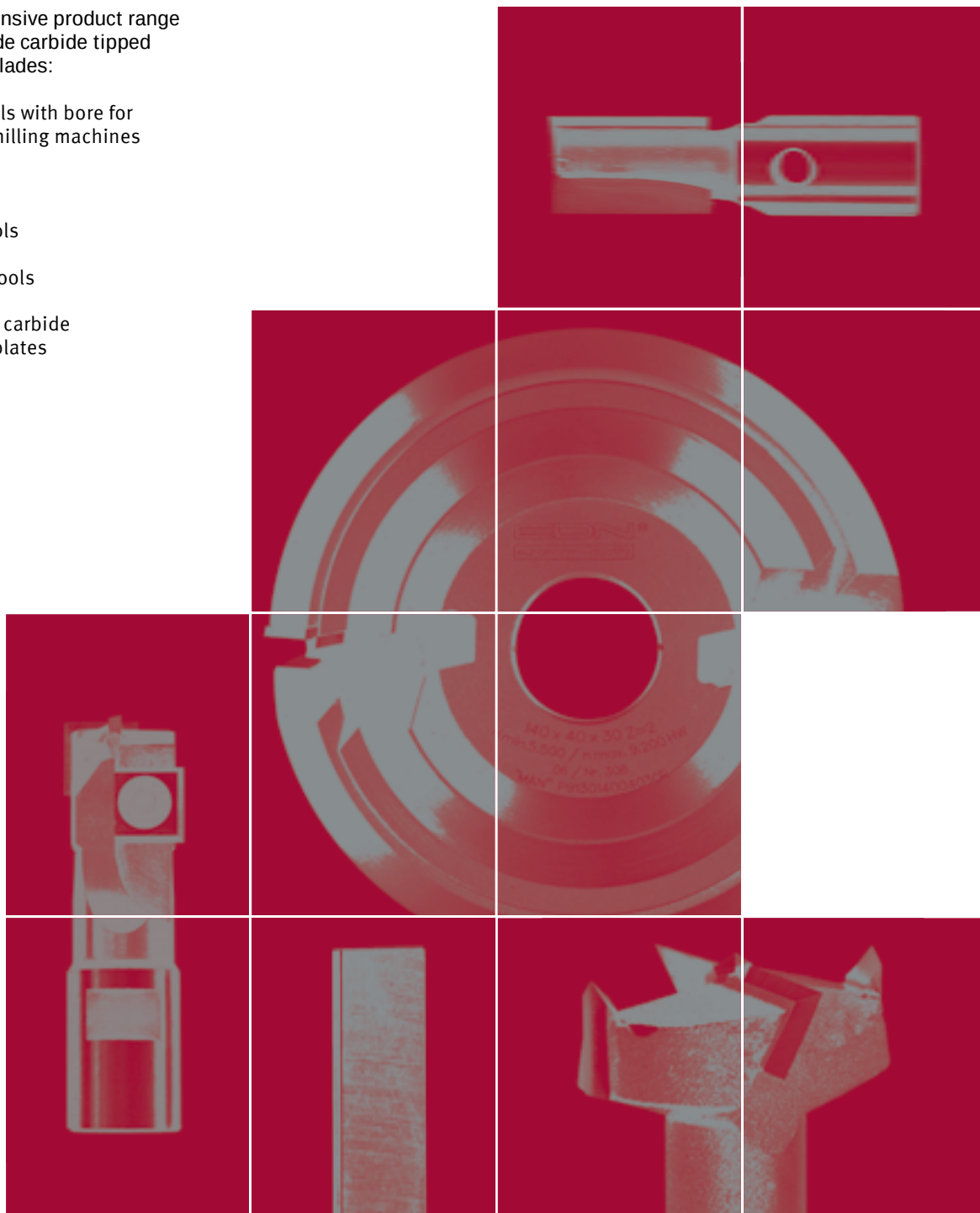
D	B	d	Z=	Art.-Nr.	€
25,5	4,25	10	2	437 25 42 10Z	
25,5	4,25	10	2	437 25 42 10K	
matching Mini-Groover					
40	3,0	10	2	435 40 30 10	

pictured tool-pin is not included in delivery!

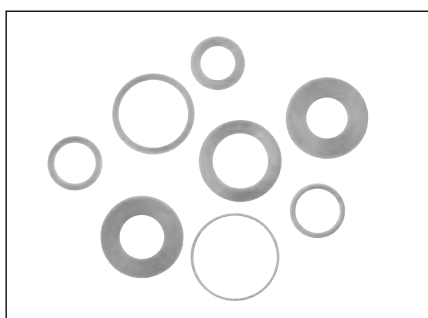
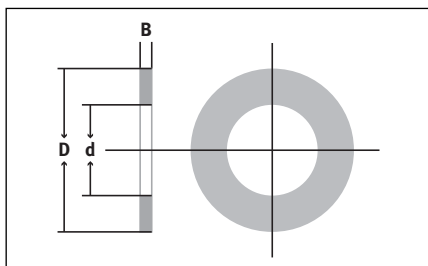
The whole EDN product range

Our comprehensive product range includes beside carbide tipped circular saw blades:

- ▷ Milling tools with bore for standing milling machines
- ▷ Routers
- ▷ Drilling tools
- ▷ Diamond tools
- ▷ Knives and carbide reversing plates



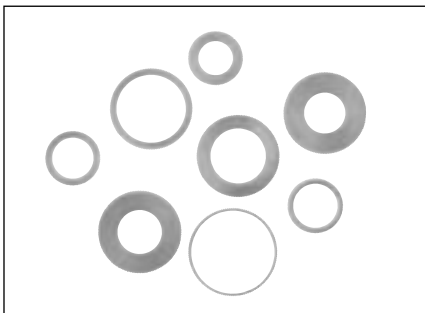
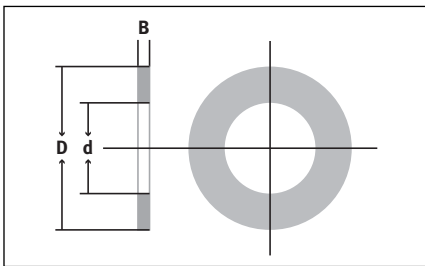
5900 high-precision reducing rings



D	d	B	Art.-Nr.	€
20	12,7	1,4 mm	59 020 12 14	
20	12,7	1,6 mm	59 20 127 16	
20	13	1,4 mm	59 020 13 14	
20	13	2,5 mm	59 20 130 25	
20	15	1,4 mm	59 020 15 14	
20	15	2,5 mm	59 20 150 25	
20	16	1,4 mm	59 020 16 14	
20	16	2,0 mm	59 20 160 20	
25	15	1,4 mm	59 25 150 14	
25	15	1,6 mm	59 25 150 16	
25	16	1,2 mm	59 25 160 12	
25	16	1,6 mm	59 25 160 16	
25	16	2,0 mm	59 25 160 20	
25	20	1,6 mm	59 25 200 16	
30	15	1,4 mm	59 30 150 14	
30	15	1,8 mm	59 030 15 18	
30	15	2,0 mm	59 30 150 20	
30	15	2,5 mm	59 30 150 25	
30	15,88	2,0 mm	59 30 158 20	
30	16	1,2 mm	59 30 160 12	
30	16	1,4 mm	59 30 160 14	
30	16	1,6 mm	59 30 160 16	
30	16	1,8 mm	59 030 16 18	
30	16	2,0 mm	59 30 160 20	
30	16	2,2 mm	59 30 160 22	
30	16	2,5 mm	59 30 160 25	
30	18	1,6 mm	59 30 180 16	
30	18	2,0 mm	59 30 180 20	
30	20	1,4 mm	59 30 200 14	
30	20	1,6 mm	59 30 200 16	
30	20	1,8 mm	59 030 20 18	
30	20	2,0 mm	59 30 200 20	
30	20	2,2 mm	59 30 200 22	
30	25	1,4 mm	59 30 250 14	
30	25	1,6 mm	59 30 250 16	
30	25	1,8 mm	59 030 25 18	
30	25	2,0 mm	59 30 250 20	
30	25	2,2 mm	59 30 250 22	
30	25	2,5 mm	59 30 250 25	
30	25	3,0 mm	59 30 250 30	
30	25,4	2,0 mm	59 30 254 20	
30	25,4	2,2 mm	59 30 254 22	
30	25,4	2,5 mm	59 30 254 25	

5900 high-precision reducing rings

continuation



D	d	B	Art.-Nr.	€
32	16	2,0 mm	59 32 160 20	
32	20	1,8 mm	59 32 200 18	
32	20	2,2 mm	59 32 200 22	
32	25	2,0 mm	59 32 250 20	
32	25	2,2 mm	59 32 250 22	
32	25	2,5 mm	59 32 250 25	
32	25,4	2,2 mm	59 32 254 22	
32	30	2,0 mm	59 032 30 20	
32	30	2,2 mm	59 32 300 22	
32	30	2,5 mm	59 32 300 25	
32	30	3,0 mm	59 32 300 30	
35	16	1,6 mm	59 35 160 16	
35	20	1,6 mm	59 35 200 16	
35	20	2,2 mm	59 35 200 22	
35	20	2,5 mm	59 35 200 25	
35	25	1,6 mm	59 35 250 16	
35	25	2,0 mm	59 35 250 20	
35	25	2,2 mm	59 35 250 22	
35	25	2,5 mm	59 35 250 25	
35	30	1,6 mm	59 35 300 16	
35	30	2,2 mm	59 35 300 22	
35	30	2,5 mm	59 35 300 25	
35	32	2,0 mm	59 35 320 20	
35	32	2,2 mm	59 35 320 22	
35	32	2,5 mm	59 35 320 25	
40	30	2,2 mm	59 40 300 22	
40	30	2,5 mm	59 40 300 25	
40	32	2,5 mm	59 40 320 25	
40	35	2,5 mm	59 40 350 25	

5901 high-precision reducing ring selection



D	d	B	Art.-Nr.	€
Selection of 50 pieces, consisting of 5 pieces per dimension: 590 100 000				
20	12,7	1,4 mm		
20	13	1,4 mm		
20	15	1,4 mm		
20	16	1,4 mm		
20	16	2,0 mm		
30	15	1,8 mm		
30	16	1,8 mm		
30	20	1,8 mm		
30	25	1,8 mm		
32	30	2,0 mm		

Custom-made products and reworkings

Custom-made product:

▷ Thanks to modern laser technology and CAD/CAM systems we are in a position to be able to manufacture customised non-standard items quickly and at low prices.

▷ Non-standard items must be confirmed by us in writing. In an event of cancellations the programming, material and production costs incurred up to such point in time shall be reimbursed to us.

An over- or underdelivery of 10 % is deemed to be agreed.

Surcharge for reworking:

- ▷ Groover tolerance on a time and material basis
- ▷ Round grind to tooth bricks on a time and material basis
- ▷ Reduced cutting width (if possible) on a time and material basis

Reworking if technically possible	Saw blades up to 500 mm	Saw blades from 500 mm
1 Cooling slot		
1 "Banana" slot		
Adding 1 pin hole up to a diameter of 15 mm		
Adding 1 pin hole from a diameter of 15 mm		
Adding 1 countersunk hole up to a diameter of 15 mm		
Adding 1 countersunk hole from a diameter of 15 mm		
Adding 1 keyway		
Expansion of 1 standard bore up to 50 mm diameter		
Expansion of 1 standard bore up to 70 mm diameter		
Expansion of 1 standard bore from 70 mm diameter		
Riven on 1 expansion slot		
Adding 1 <i>ATS</i> (Anti-Sound) laser slot		

The indicated prices are only for tools made by EDN.
Reworking of other brands (if technically possible) on a time and material basis. Reworked tools are excluded from exchange or return.
A grinding price list is available on request.

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General terms and conditions

1. Scope of application

The below mentioned general terms of conditions are exclusively valid even if they were not mentioned in every particular case for all offers, deliveries, services and work performances.

Other arrangements have to be confirmed in writing from us.

Different conditions are not valid even if we do not expressly exclude them.

2. Offers / placing of orders / order acceptance

Our offers are always without obligation and without engagement

For the conclusion of a contract our written confirmation of an order solely authoritative.

The order is accepted when it is confirmed by us or delivered without confirmation. Later additions, changes and subsidiary agreements have to be confirmed by us.

Our technical details or technical details of our trading program are only valid under restriction of change.

The orderer is responsible for the correctness of the transmitted documents, drawings, data and dimensions.

Documents or samples delivered by EDN remain our property and it is not allowed to misuse them and they are liable to copyright.

Copies or distribution are not allowed.

We reserve the right for constructional changes for further development.

3. Prices

Our prices are in EURO, delivery ex-works. Value added tax will be charged additionally at the amount of the rate of taxation valid at the time of dispatch.

Freight, customs duty and other incidental charges shall be at the cost of the purchaser.

Up to an order value of EURO 200,00 we charge postage and packing.

From an order value of EURO 200,00 we deliver free of charge within Germany.

The minimum order value is EURO 30,00 net product price.

4. Delivery / Dates / Returns

The delivery takes place ex-works or warehouse and at the risk of the orderer.

We strive to maintain the delivery dates quoted by us, however, these delivery dates are without obligation. If the delivery dates are exceeded, this does not entitle the orderer to cancel the order or to assert compensation for damages.

Part deliveries are allowed. For production engineering reasons we reserve the right to oversupply and undersupply, particularly in the case of non-standard production.

Every part delivery is an autonomous transaction in terms of these conditions.

Converted or modified tools are excluded from exchange or return.

Withdrawal or postponement of an order has to be confirmed in writing.

Incurred expenses have to be compensated by the orderer.

Cases of force majeure such as strikes, other disturbances or deficient supply with raw materials shall release us from any duty to supply.

In the case of a return the orderer has to pay a reasonable compensation for revision and storage.

5. Payment

Our invoices are payable within 30 days without any deductions. Invoices for repairs are payable immediately.

We accept cheques and bills of exchange as conditional payment only following previous agreement.

They are regarded as payment only after redemption. Bank discounts and charges for collection of cheques are for the account of the orderer.

Late or deferred payments are subject to default interest at the customary bank rate and to all costs incurred by the payment reminders.

In case of a worsening of the financial situation of the orderer we reserve the right to deliver only after payment in advance or cash on delivery. Furthermore we are allowed to withdraw from any contracts.

In case of inability to pay we have to be informed immediately.

Deliveries to unknown orderers only occur with cash on delivery.

Withholding of payments or summations of contentious claims by the invoice recipient is not allowed.

6. Reservation of ownership

All merchandise supplied shall remain our property until fulfilment of all accounts payable resulting from the contract of supply for the orderer. In the case of resellers the accounts receivable of the orderer due from third parties shall supersede our purchase price demand to the amount of our credit balance and without an express assignment being required.

Prior to payment being effected the reseller may neither levy the merchandise to a third-party nor transfer ownership in the form of collateral security.

Any payments effected to the orderer against tools supplied by us must be used primarily to pay our invoices.

In case of delay of payment or conduct contrary to the terms of the contract are justified to ask for possession of the goods.

General terms and conditions

7. Transfer of risk

The risk transfers to the orderer when the delivery leaves our company regardless of the means of transportation.

There is no insurance of goods in transit if not requested by the orderer.

8. Warranty/ liability for defects

For the tools purchased from us the purchaser has a guarantee covering perfect finish and faultless materials. The assertion of any guarantee and warranty claims is only possible, if the purchaser is able to prove that he inspected the merchandise supplied upon delivery as to its suitability for the intended use. In the event of a justified complaint, presuming that the merchandise complained about is submitted to us for inspection within 10 days, we reserve the right to either repair the items sent in or to replace them with a new supply. Any other claims by the orderer, in particular any such claims as to cancellation of the contract, reduction of the price or compensation for damages, are excluded. In the event of improper handling we reject any claims for replacement.

9. Place of performance

Place of performance for delivery and payment is Wuppertal.

The courts of Wuppertal, Germany shall have exclusive jurisdiction.

It is of our own choice that we take legal action at the headquarters of the orderer.

The agreement shall be governed by and construed in accordance with German law.

10. Concluding conditions

Should one or several of these conditions or parts of such conditions be or become ineffective, the validity of the other Conditions shall remain unaffected thereby.

By publishing new price lists all previous price lists are no longer valid.

All stated prices are exclusive of value added tax (VAT).

For the specialised trade the stated prices are recommended retail prices.

11. Information on the packaging ordinance.

Pursuant to the ordinance on the avoidance of packaging waste of 12.06.1991 we draw your attention to the following important information:

1.) For reasons of transportation safety EDN tools are supplied in freight packing.

2.) EDN uses only recyclable packing materials.

3.) Where EDN as the supplier is obligated in accordance with the packaging ordinance to take back the freight packing, the purchase shall bear the costs of the return transportation and the recycling.

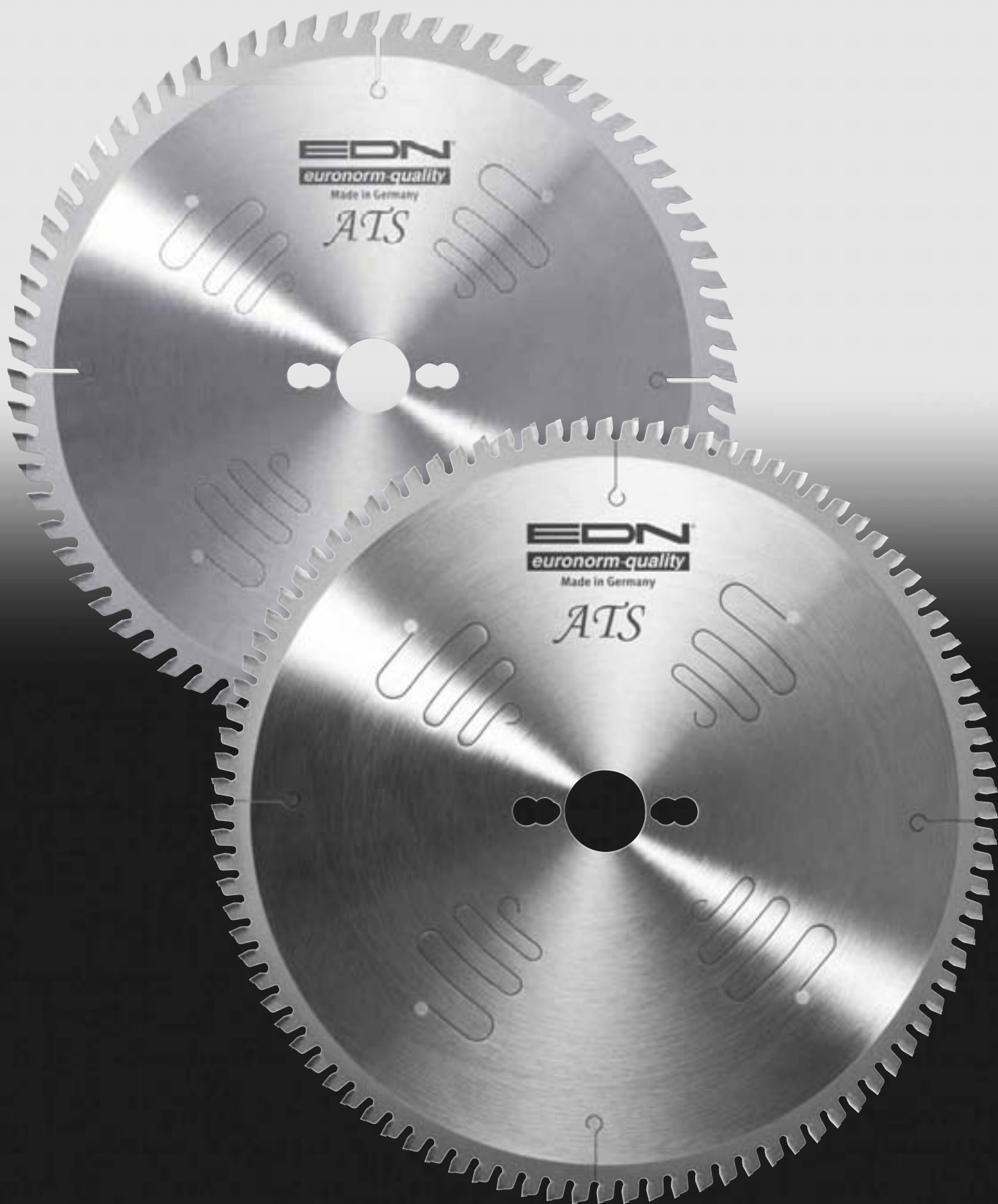
EDN has a contract with the waste management company: ISO Intersoh, D-51149 Cologne in Germany, Phone: +49-2203-9147-0 for the free of charge for the disposal of waste. Please contact ISO Intersoh if required.

Regardless of this ruling the purchaser can recycle the packing material itself locally at an approved waste disposal centre. Your responsible chamber of commerce will name you the collection points of such approved waste disposal centres.

The advantage: No transportation costs for any return consignment of packing material to the supplier.

EDN[®]

euronorm-quality



The EDN logo consists of the letters 'EDN' in a bold, red, sans-serif font. A registered trademark symbol (®) is located at the top right of the 'N'.

euronorm-quality



- Over 45 years saw technology
- Modern processing technology
- Materials of guaranteed quality
- Computer aided development and processing
- Laser-technology for highest precision

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The tolerances of EDN carbide tipped circular saw blades are European Industrial Standards (EN-Norm).