Circular Saw Blades

THE PARTNER SPIRIT

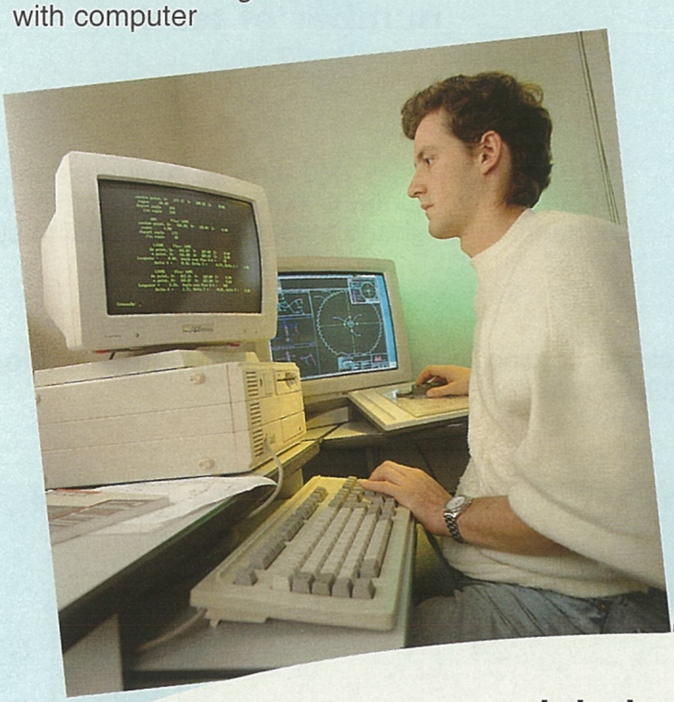
OUR RANGE

TABLE OF CONTENTS

See next page ➔

TABLE OF CONTENTS

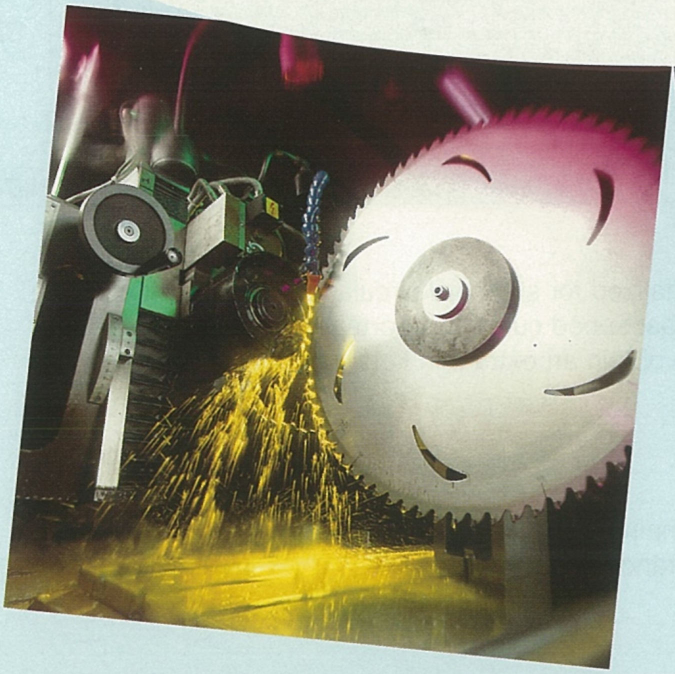
Conception and manufacturing with computer
Production management with computer



Laser for cutting of body blade

high tech

means of production



Brazing and Grinding : Carbide, Stellite, Diamond

Control : Profile projector
Flatness, tension and side run out controlled by computer

ESSENTIAL INSTRUCTIONS TO SELECT A CIRCULAR SAW BLADE

diameter Ø

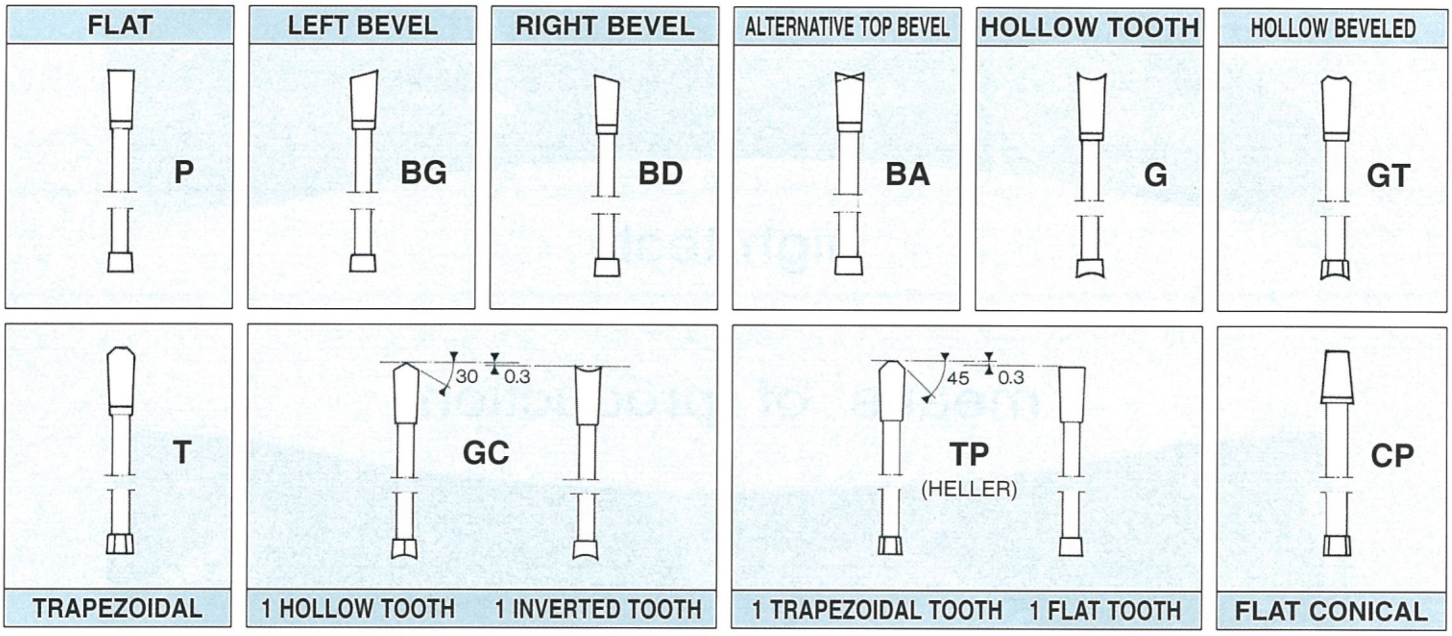
It depends on the thickness of material to cut and the machine capacity.

number of teeth Z

It can affect quality and time of cutting blades. To obtain a good quality of cutting, 2 or 3 teeth have to be come through the thickness of material to cut.

tooth forms

We select it according to the sort of material to cut and to the cutting quality required.



thickness of blades

It is normalized for standard circular saw blades. It can be :
Thick... fast speed cutting, important thickness of material.
Thin... to obtain an extra thin kerf.

cutting angles

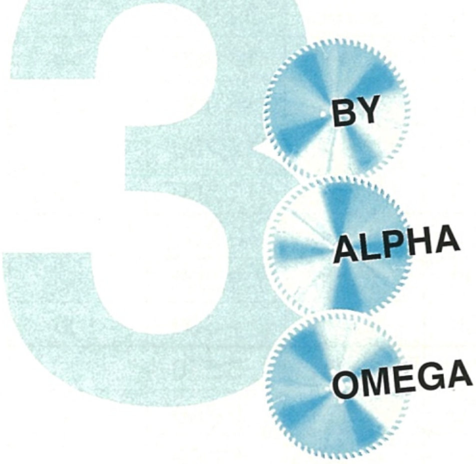
Both of main cutting angles are rake angle (λ) and clearance angle (α)

carbide grades

We select them according to the sawing work and to the type of material to cut.
They are chosen among the greatest european carbide suppliers.

CODES GIVEN TO OUR BLADES

NIVEAUX DE QUALITÉ



BY Quality recommended for saw blades fit on portable saws.

ALPHA Quality suitable for high production series or finishing circular saw blades.

OMEGA Necessary quality for technical saw blades suitable for machines with high output where the cutting work needs an optimal quality.

CODES GIVEN TO CATEGORIES OF OUR BLADES

In order to facilitate your selection, we have given a code to our blade categories by pointing out application characteristics.

Example :

F	40	MF	TP
Sawing work : F = Finishing D = High production	Blade pitch	Kerf	Tooth forms

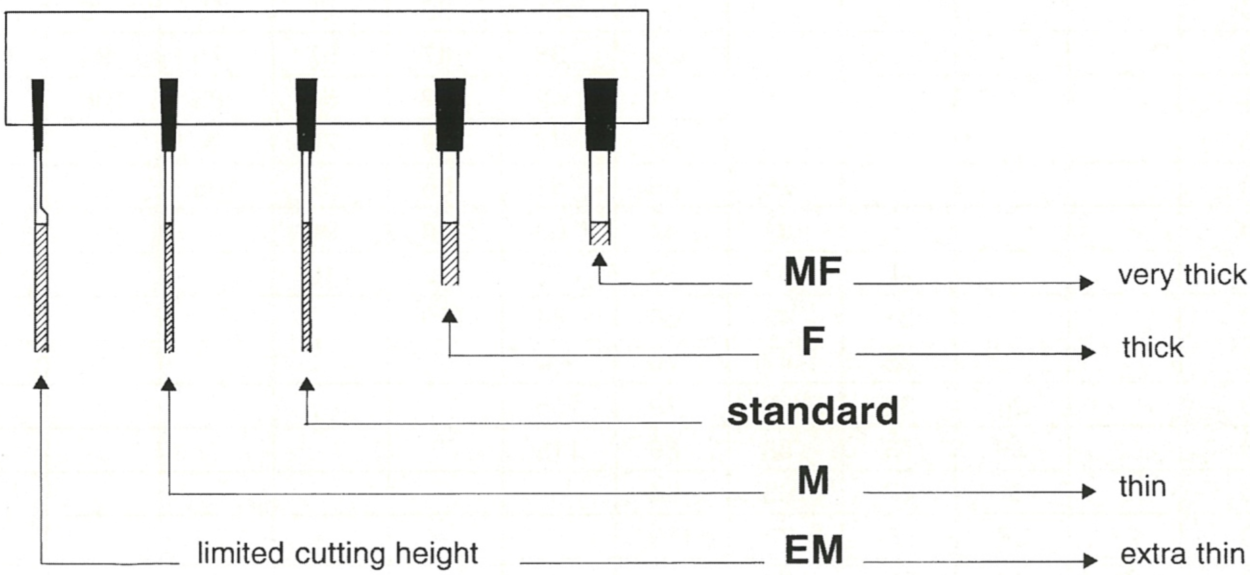


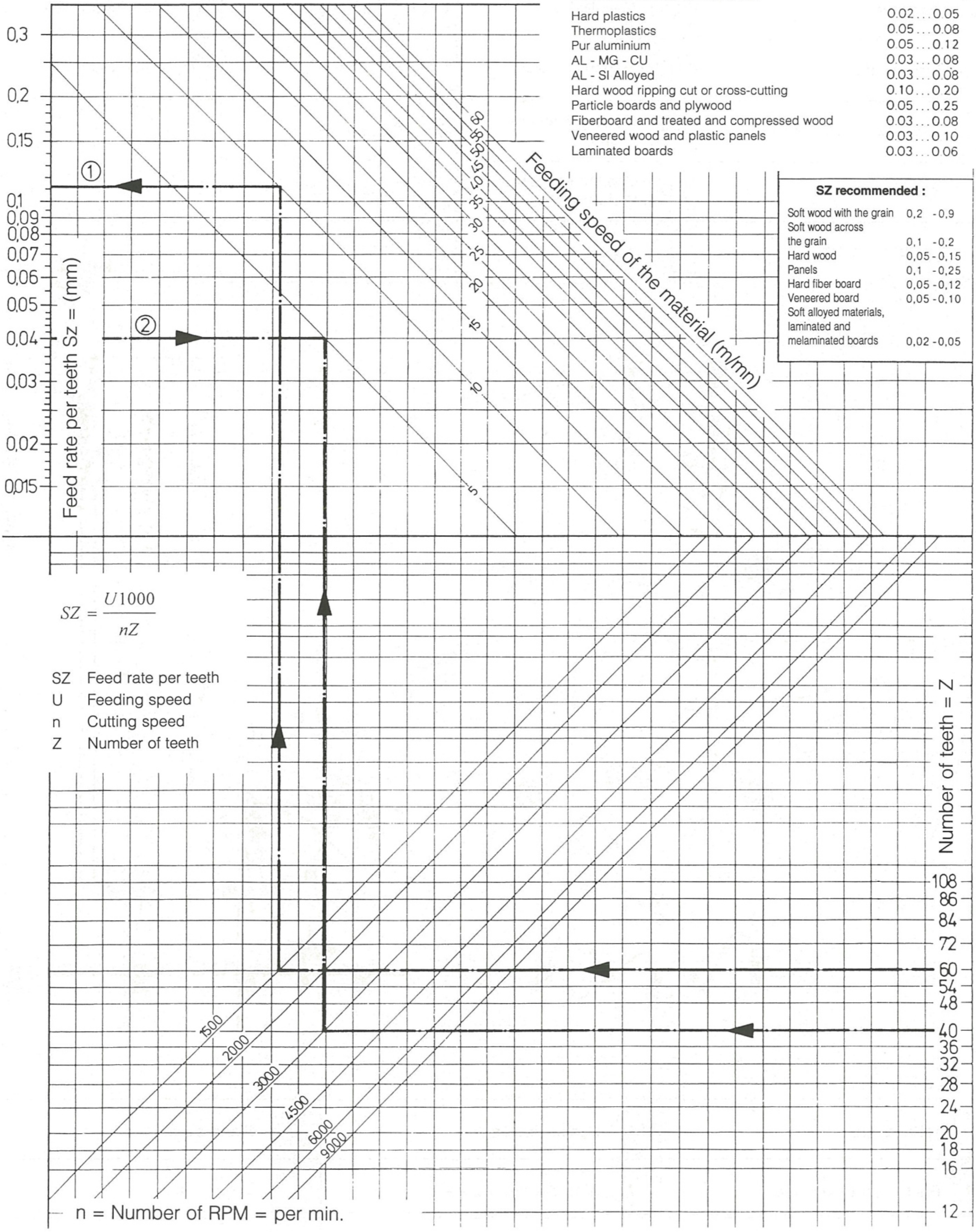
table of speed of rotation (in RPM)

D \ M/S	40	50	60	70	80	90	100	120	Diameter of flanges required
100	7.600	9.500	11.500	13.400	15.300	17.200	19.100	22.900	40
125	6.100	7.600	9.200	10.700	12.200	13.700	15.300	18.300	40
150	5.100	6.400	7.600	8.900	10.200	11.500	12.700	15.300	50
180	4.200	5.300	6.400	7.400	8.500	9.500	10.600	12.700	
200	3.800	4.800	5.800	6.700	7.600	8.600	9.500	11.500	63
225	3.400	4.300	5.100	5.900	6.800	7.600	8.500	10.200	
250	3.100	3.800	4.600	5.300	6.100	6.900	7.600	9.200	80
300	2.500	3.200	3.800	4.400	5.100	5.800	6.400	7.600	100
350	2.200	2.750	3.250	3.850	4.400	4.900	5.500	6.550	
400	1.900	2.400	2.900	3.350	3.800	4.300	4.800	5.700	125
450	1.700	2.100	2.500	2.950	3.400	3.850	4.200	5.100	
500	1.500	1.900	2.300	2.700	3.050	3.400	3.800	4.550	140
550	1.400	1.750	2.100	2.450	2.700	3.100	3.500	4.150	
600	1.300	1.600	1.900	2.200	2.500	2.000	3.200	3.800	160
700	1.100	1.350	1.600	1.900	2.150	2.450	2.700	3.300	
800	950	1.200	1.450	1.700	1.900	2.150	2.400	2.900	200
1000	760	950	1.150	1.300	1.500	1.750	1.900	2.300	250

table of cutting speeds (in m/s)

D \ RPM	750	1.000	1.500	2.000	3.000	4.000	5.000	6.000	8.000	10.000	12.000
100							26	31	42	52	63
125						26	33	39	52	65	79
150						31	39	47	63	78	94
180					28	38	47	57	75	94	113
200					31	42	52	63	83	105	
225					35	47	59	70	94		
250				26	39	52	65	79	105		
300				31	47	63	78	94			
350			28	37	55	73	92	110			
400			31	42	63	84	105				
450			35	47	70	94					
500		26	39	52	79	105					
550		29	43	58	86	115					
600		31	47	63	94						
700	27	37	55	73	110						
800	31	42	63	84							
1000	39	52	79	104							

Calculation of feed rate in comparison with the RPM of the machine and the teeth of the saw blades.



Reference number to select Sz :

Hard plastics	0.02 ... 0.05
Thermoplastics	0.05 ... 0.08
Pur aluminium	0.05 ... 0.12
AL - MG - CU	0.03 ... 0.08
AL - SI Alloyed	0.03 ... 0.08
Hard wood ripping cut or cross-cutting	0.10 ... 0.20
Particle boards and plywood	0.05 ... 0.25
Fiberboard and treated and compressed wood	0.03 ... 0.08
Veneered wood and plastic panels	0.03 ... 0.10
Laminated boards	0.03 ... 0.06

SZ recommended :

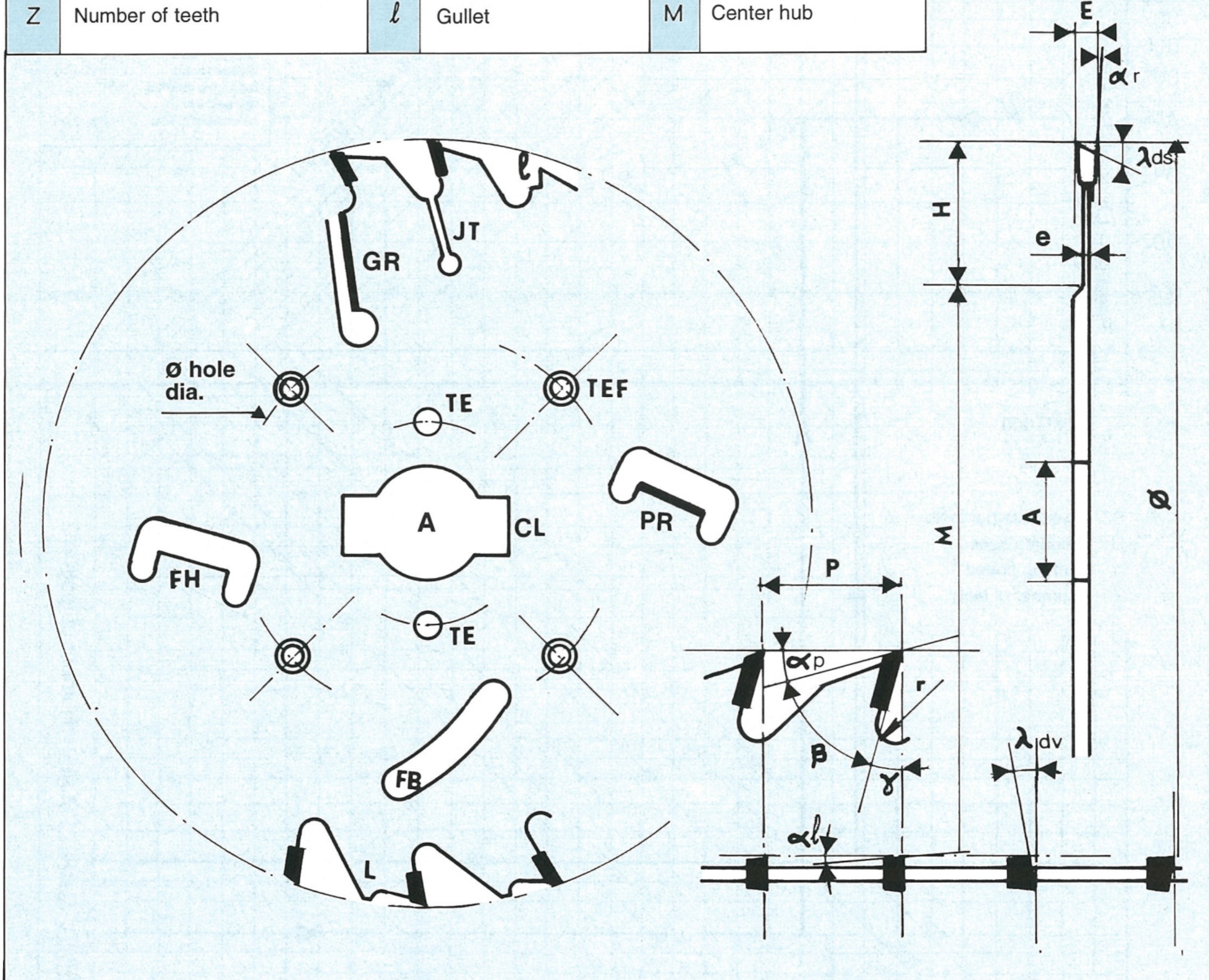
Soft wood with the grain	0,2 - 0,9
Soft wood across the grain	0,1 - 0,2
Hard wood	0,05 - 0,15
Panels	0,1 - 0,25
Hard fiber board	0,05 - 0,12
Veneered board	0,05 - 0,10
Soft alloyed materials, laminated and melaminated boards	0,02 - 0,05

$$SZ = \frac{U1000}{nZ}$$

SZ Feed rate per teeth
U Feeding speed
n Cutting speed
Z Number of teeth

TECHNICAL DESCRIPTION

D	Diameter	L	Chip limitor	CL	Key slot (width x depth)	GR	Large wiper slot
E	Tooth width	JT	Expansion slot	TE	Pin hole	PR	Small wiper slot
e	Thickness of saw body	FH	Cooling element, H shape	TEF	Countersink hole		
A	Bore	FB	Cooling element, B shape	H	Cutting height		
Z	Number of teeth	ℓ	Gullet	M	Center hub		

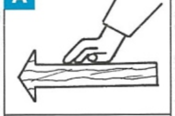


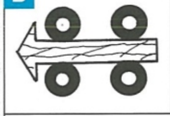
$\gamma + \alpha p + \beta = 90°$

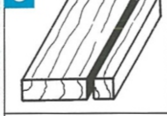
γ	Rake angle	αr	Radial side angle	P	Blade pitch
αp	Back clearance angle	$\alpha \ell$	Side clearance angle	r	Blade radius
β	Wedge angle	λds	Top bevel angle	λdv	Axle angle

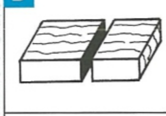
LIST OF CODES

CUTTING TYPES

A

MANUAL FEED

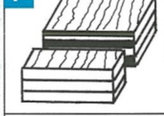
B

AUTOMATIC FEED

C

RIPPING CUT

D

CROSS-CUTTING

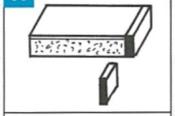
E

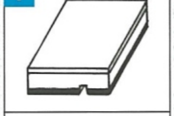
MULTI-RIPPING

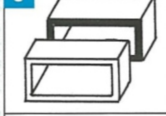
F

CUTTING IN PACKS

G

GROOVING

H

TRIMMING CUTTING

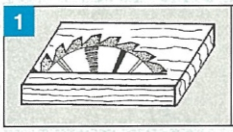
I

SCORING

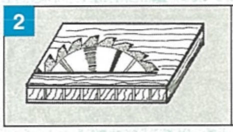
J

PROFILES CUTTING

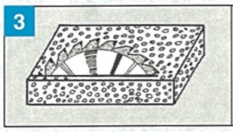
K

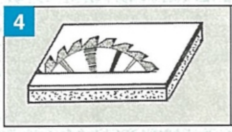
THIN SHEETS

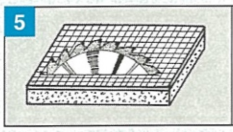
MATERIAL SAWED

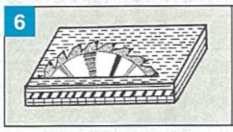
1

SOFT
HARD
EXOTIC WOOD

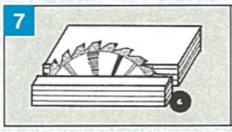
2

BLOCK BOARDS

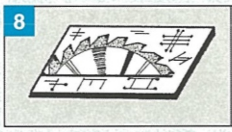
3

AUTOCLAVED AERATED CONCRETE BLOCKS

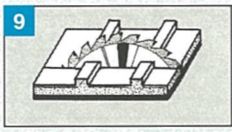
4

PARTICLEBOARDS MELAMINE FACED ON ONE SIDE

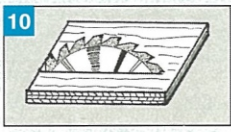
5

PARTICLEBOARDS VENEERED ON ONE SIDE

6

LAMINATED STACKS

7

PANEL SIZING CUTTING

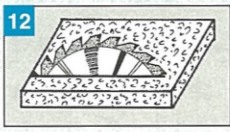
8

PRINTED CIRCUIT BOARDS

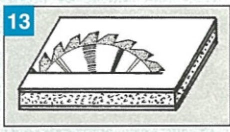
9

SANDWICH PANELS

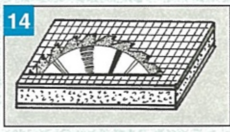
10

PLYWOOD

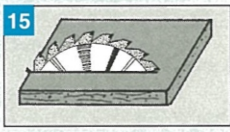
11

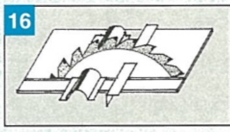
VENEERS IN PACKS

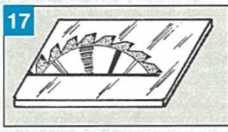
12

PARTICLEBOARDS RAW

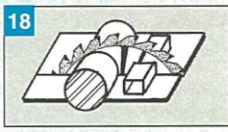
13

PARTICLEBOARDS MELAMINE FACED ON BOTH SIDES

14

PARTICLEBOARDS VENEERED ON BOTH SIDES

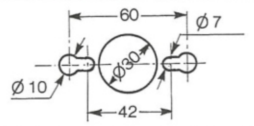
15

CEMENTED FIBRE BOARDS

16

THIN PROFILE IN PLASTICS, ALUMINIUM...

17

PLEXIGLAS, PLASTICS, ALTUGLAS, DUROPLASTIC SHEETS, HARD CARDBOARD

18

NON FERROUS MATERIALS

TECHNICAL CARACTERITICS



BORE AND DUO HOLES

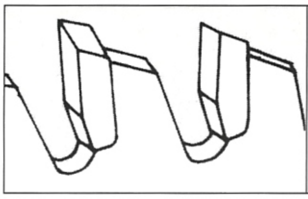

COOLING ELEMENT

NORMAL

COPPER RIVETS

LOW NOISE

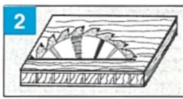
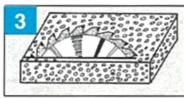
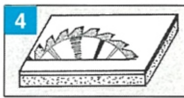
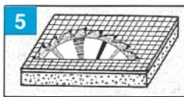
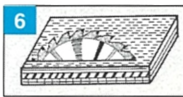
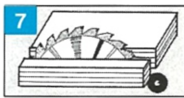
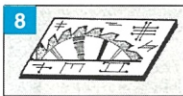
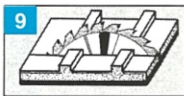
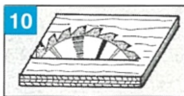
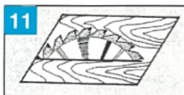
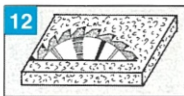
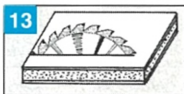
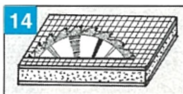
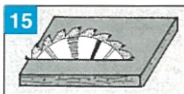
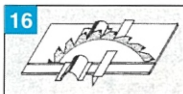
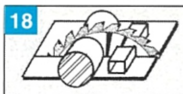
EXPANSION SLOTS



SYNOPTIC TABLE FOR USE OF CIRCULAR SAW BLADES PER CATEGORY

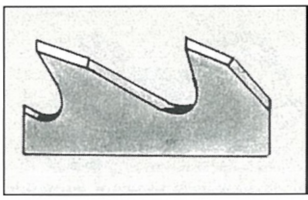
SAWING WORK :

- • High Production
- • • Standard Production
- • • • Finishing

MATERIAL TO CUT		TYPES	SUPER +	D 63 LP	D 40 LP	D 40 LB	D 40 P D 40 FP	D 30 B	F 20 B	F 12 B F 15 B	F 10 TP F 12 TP	F 12 NB	F 12 NTP
1 	SOFT HARD EXOTIC WOOD	Along the grain	140 •	120 •	60 • •	60 • •	60 • •	30 • • •	20 • • •				
		Accross the grain	140 •	120 •		120 • •		80 • • •	60 • • •	40 • • •		40 • • •	
2 	BLOCK BOARDS							40 •	50 • •				
3 	AUTOCLAVED AERATED CONCRETE BLOCKS		25 •				50 •	50 • •					
4 	PARTICLEBOARDS MELAMINE FACED ON ONE SIDE									20 • •	30 • • •		
5 	PARTICLEBOARDS VENEERED ON ONE SIDE									20 • • •	30 • • •		
6 	LAMINATED STACKS								25 • •	25 • • •			20 • •
7 	PANEL SIZING CUTTING												
8 	PRINTED CIRCUIT BOARDS												
9 	SANDWICH PANELS												
10 	PLYWOOD	Along the grain	40 •			80 •			30 • •				
		Accross the grain	40 •			80 •			30 • •	30 • • •	25 • • •		
11 	VENEERS IN PACKS	Along the grain								30 • • •			
		Accross the grain											
12 	PARTICLEBOARDS RAW		40 •	80 •	50 • •	60 • •	60 • •		60 • •	50 • • •			
13 	PARTICLEBOARDS MELAMINE FACED ON BOTH SIDES										30 • • •		30 • • •
14 	PARTICLEBOARDS VENEERED ON BOTH SIDES										30 • • •		
15 	CEMENTED FIBRE BOARDS		40 •	80 •	50 •	50 •	50 •	80 •	100 • •				
16 	THIN PROFILE IN PLASTICS, ALUMINIUM...									10 • • •	10 • • •	6 • • •	
17 	PLEXIGLAS, PLASTICS, ALTUGLAS, DUROPLASTIC SHEETS, HARD CARDBOARD							30 •		30 • •	6 • • •		6 • • •
18 	NON FERROUS MATERIALS												

Number 4 or number 80 means the maximum thickness recommended to obtain an optimal cut quality : • •• •••

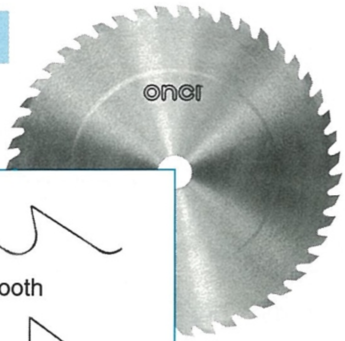
F 10 B	F 10 NB F 10 NTP	F 15 GC	F 15 NGC	F 12 GT	F 12 GC	F 20 MB	F 8 MB F 10 MB	F 10 EMB F 20 EMB	F 15 MFB F 20 MFB	F 30 MFB	F 40 MFB	F 30 MFTP	F15 MFTP F20 MFTP	C 10 P C 12 P	C 10 N C 12 N	C 30 P
20 •••						20 •••										
30 •••	30 •••															
					40 •••											
									80 ••							
										150 ••				50 •••		
20 •••									80 ••	150 ••						
20 •••				25 •••	25 •••	30 •••	5 •••	5 •••				60 •••	80 •••			
									80 ••		150 •	150 •••	80 •••			
							3 •••									
														80 ••	80 ••	
	4 •••				30 •••		20 •••						60 •••			
20 •••	4 •••				30 •••		20 •••									
	10 •••					30 •••	20 •••									
	10 •••					30 •••	20 •••									
30 •••		30 •••							80 ••	150 ••	150 •					
		30 •••	30 •••	30 •••	30 •••		25 ••		80 ••			150 •••	80 •••			
20 •••		30 •••	30 •••	30 •••	30 •••		25 •••						80 •••			
												80 •••				
	4 •••		5 •••	25 •••	3 •••	5 •••	3 •••	3 •••						15 •••	8 •••	
20 •••					5 •••		5 •••								3 •••	
														3 •••	3 •••	80 + •••

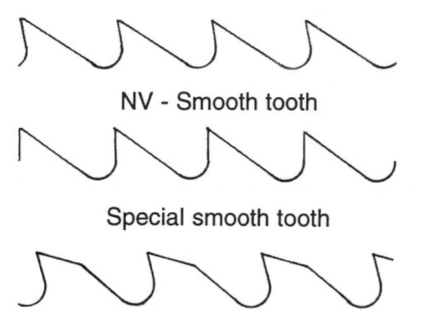


STEEL
CIRCULAR SAW BLADES

KV - NV

100





NV - Smooth tooth

Special smooth tooth

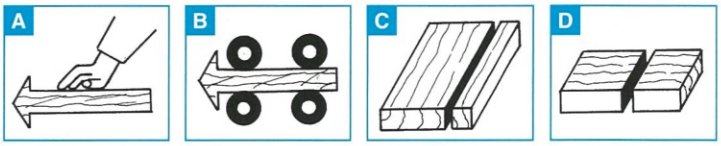
KV - Rought tooth

DESIGNATION :

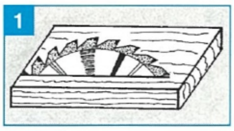
SOLID CHROMIUM - VANADIUM STEEL SAW BLADES

BLADES SUPPLIED FLATTENED, TENSIONED, SWAGED
READY TO USE

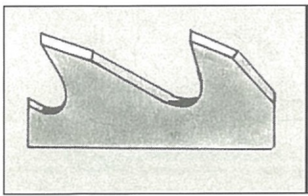
USE :



For conventional machines.
Timber and table saws.



Ø D	T	Z (NV)	Z (KV)	Ø d	CODE
100	0.8	96		30	100 100 30
120	1.2	64		20	100 120 20
125	0.8	96		30	100 125 30
150	1.2	64		30	100 150 30
150	1.2	64		50	100 150 50
150	1.2		24	30	100 150 31
160	1.6	64		16	100 160 16
160	1.6	64		30	100 160 30
160	1.6		24	16	100 160 17
160	1.6		24	30	100 160 31
180	1.6	64		16	100 180 16
180	1.6	64		30	100 180 30
180	1.6		32	16	100 180 17
180	1.6		32	30	100 180 31
200	1.6	96		16	100 200 16
200	1.6	96		30	100 200 30
200	1.6		32	16	100 200 17
200	1.6		32	30	100 200 31
200	2.0	64		30	100 200 32
200	2.0	64		50	100 200 50
225	1.6	64		30	100 225 30
235	1.6	64		25	100 235 25
235	1.6	64		30	100 235 30
235	1.6		32	16	100 235 17
235	1.6		32	25	100 235 26
235	1.6		32	30	100 235 31
250	1.6	96		25	100 250 25
250	1.6	96		30	100 250 30
250	1.6		48	25	100 250 26
250	1.6		48	30	100 250 31



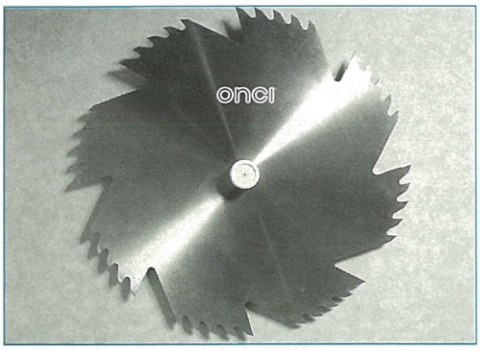
STEEL
CIRCULAR SAW BLADES

Ø D	T	Z (NV)	Z (KV)	Ø d		CODE
250	2.0	64 *		30	* Special smooth tooth	100 250 31
250	2.0		48	30		100 250 32
300	2.0	96		30		100 300 30
300	2.0		48	30		100 300 31
330	1.6		48	30		100 330 30
350	2.2	96		30		100 350 30
350	2.2	64 *		30	* Special smooth tooth	100 350 31
350	2.2		48	30		100 350 32
400	2.5	96		30		100 400 30
400	2.5		48	30		100 400 31
450	2.5	96		30		100 450 30
450	2.5		56	30		100 450 31
500	2.5	96		30		100 500 30
500	2.5		56	30		100 500 31
500	3.0	96		30		100 500 32
500	3.0		56	30		100 500 33
550	2.5	96		30		100 550 30
550	2.5		56	30		100 550 31
550	3.0	96		30		100 550 32
550	3.0		56	30		100 550 33
600	2.5	96		30		100 600 30
600	2.5		56	30		100 600 31
600	3.0	96		30		100 600 32
600	3.0		56	30		100 600 33
700	3.0		56	30		100 700 30

OTHER DIMENSIONS ON REQUEST MAXIMUM Ø 2000

HANNIBAL

100



DESIGNATION :

SOLID STEEL CIRCULAR SAW BLADES FOR STRIPPING SAWS

8 GROUP OF 5 TEETH

USE :

For machines - ANDRE - CIMAS - JAJOD - JENZ - MABO
MULLER - SCHUMACHER - WITTE

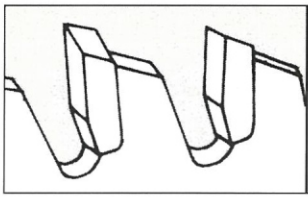
Ø D	T	Z group 5z	Ø d	CODE
800	5.0	40 (8X5)	50	100 800 50
900	5.0	40 (8X5)	50	100 900 50
1000	5.0	40 (8X5)	50	100 1000 50

UNSHARPENED, UNSWAGED BLADES (NAF-NAV) DESIGNED TO BE STELLITED (ON REQUEST)

SPECIAL BLADES WITH BIG Ø FOR CHAIN SAWS (ON REQUEST)

CHROMED BLADES (ON REQUEST)

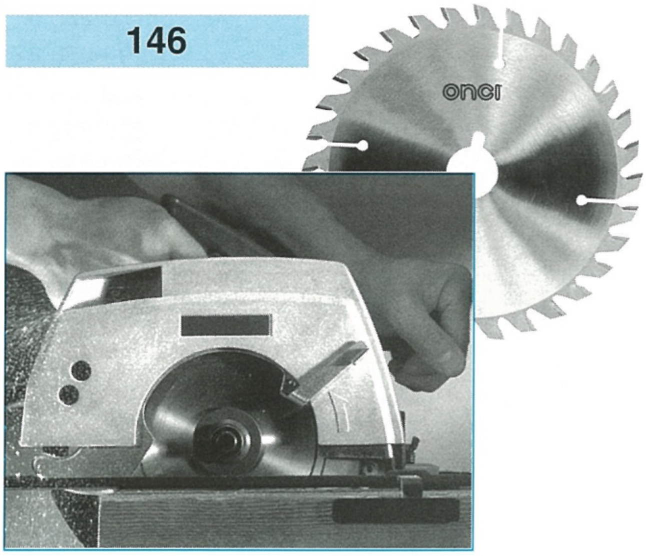
STEEL CENTERS (BODIES) FOR SAWS WITHOUT TEETH



T.C.T.
CIRCULAR SAW BLADES

ARTISAN

146



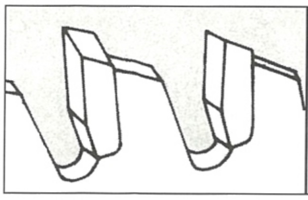
DESIGNATION :

T.C.T. CIRCULAR SAW BLADES FOR PORTABLE SAWS

ALTERNATIVE TOP BEVEL TEETH

HOBBY RANGE

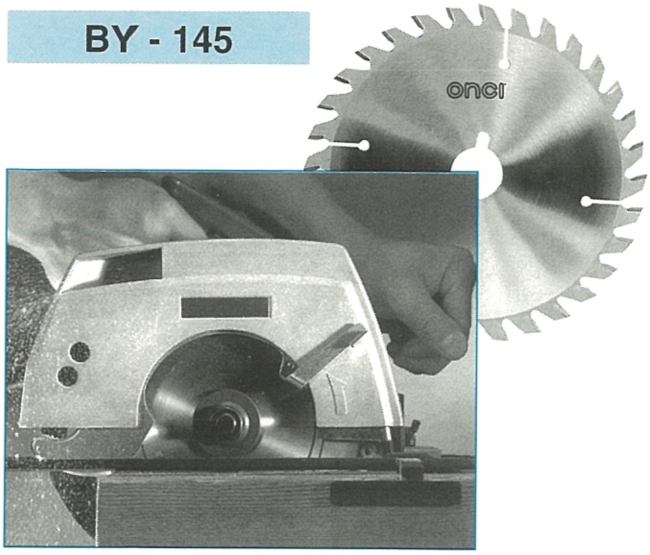
Ø	Z	B		CODE	Ø	Z	B		CODE	Ø	Z	B		CODE
130	16	16		146 130 16	165	18	16		146 165 16	200	24	30		146 200 30
130	16	20		146 130 20	165	18	20		146 165 20	200	40	30		146 200 31
130	24	16		146 130 17	165	30	16		146 165 17					
130	24	20		146 130 21	165	30	20		146 165 21	210	24	16		146 210 16
										210	24	30		146 210 30
140	16	13		146 140 13	170	20	16		146 170 16	210	40	16		146 210 17
140	16	16		146 140 16	170	20	30		146 170 30	210	40	30		146 210 31
140	16	20		146 140 20	170	30	16		146 170 17					
140	30	13		146 140 14	170	30	30		146 170 31	230	24	16		146 230 16
140	30	16		146 140 17						230	24	25		146 230 25
140	30	20		146 140 21	180	20	16		146 180 16	230	24	30		146 230 30
					180	20	20		146 180 20	230	40	16		146 230 17
150	16	16		146 150 16	180	20	30		146 180 30	230	40	25		146 230 26
150	16	20		146 150 20	180	30	16		146 180 17	230	40	30		146 230 31
150	16	30		146 150 30	180	30	20		146 180 21					
150	30	16		146 150 17	180	30	30		146 180 31	235	24	16		146 235 16
150	30	20		146 150 21						235	24	25		146 235 25
150	30	30		146 150 31	184	20	16		146 184 16	235	24	30		146 235 30
					184	20	20		146 184 20	235	40	16		146 235 17
156	36	13		146 156 13	184	30	16		146 184 17	235	40	25		146 235 26
					184	30	20		146 184 21	235	40	30		146 235 31
160	20	16		146 160 16										
160	20	20		146 160 20	190	20	16		146 190 16	250	24	30		146 250 30
160	30	16		146 160 17	190	20	20		146 190 20	250	40	30		146 250 31
160	30	20		146 160 21	190	20	30		146 190 30					
					190	36	16		146 190 17					
					190	36	20		146 190 21					
					190	36	30		146 190 31					



T.C.T.
CIRCULAR SAW BLADES

PORTATIVE

BY - 145



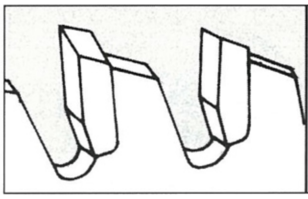
DESIGNATION :

T.C.T. CIRCULAR SAW BLADES FOR PORTABLE SAWS

ALTERNATIVE TOP BEVEL TEETH

INDUSTRIAL RANGE

Ø D	T	t	Z	Ø d			o◯o	MACHINES	CODE
120	2.5	1.6	24	20			2/6/32	FESTO - HAFFNER - AEG - MAFELL	145 120 20
125	2.5	1.6	24	12.8				SKIL - BLACK & DECKER	145 125 13
125	2.5	1.6	36	12.8					145 125 14
125	2.5	1.6	24	20			2/6/32	AEG - HITACHI - MAFELL	145 125 20
125	2.5	1.6	36	20			2/6/32		145 125 21
130	2.5	1.6	24	20			2/6/32	HOLZHER - BOSCH	145 130 20
130	2.5	1.6	36	20			2/6/32		145 130 21
140	2.5	1.6	24	13			2/5/22	SKIL - METABO	145 140 13
140	2.5	1.6	36	13			2/5/22		145 140 14
140	2.5	1.6	24	20			2/6/32	AEG - METABO - BOSCH - HOLZHER	145 140 20
140	2.5	1.6	36	20			2/6/32		145 140 21
150	2.8	1.8	24	16			1/6/33	BOSCH - SCHEER	145 150 16
150	2.8	1.8	36	16			1/6/33		145 150 17
150	2.8	1.8	48	16			1/6/33		145 150 18
150	2.8	1.8	24	20			2/6/32	AEG - METABO - SCHEER	145 150 20
150	2.8	1.8	36	20			2/6/32		145 150 21
150	2.8	1.8	48	20			2/6/32		145 150 22
150	2.8	1.8	24	30			2/7/42	ELU - FESTO	145 150 30
150	2.8	1.8	36	30			2/7/42		145 150 31
150	2.8	1.8	48	30			2/7/42		145 150 32
160	2.8	1.8	24	16			1/6/33	BOSCH-SKIL-BLACK & DECKER-SCHEER	145 160 16
160	2.8	1.8	36	16			1/6/33		145 160 17
160	2.8	1.8	48	16			1/6/33		145 160 18



T.C.T.
CIRCULAR SAW BLADES

PORTATIVE

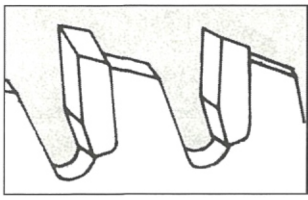
BY - 145

DESIGNATION :

T.C.T. CIRCULAR SAW BLADES FOR PORTABLE SAWS

ALTERNATIVE TOP BEVEL TEETH

Ø D	T	t	Z	Ø d	o◯o	MACHINES	CODE
160	2.8	1.8	24	20	2/6/32	MAFELL-METABO-HOLZHER- MAKITA- AEG	145 160 20
160	2.8	1.8	36	20	2/6/32		145 160 21
160	2.8	1.8	48	20	2/6/32		145 160 22
160	2.8	1.8	24	30	2/7/42	FESTO	145 160 30
160	2.8	1.8	36	30	2/7/42		145 160 31
160	2.8	1.8	48	30	2/7/42		145 160 32
170	2.8	1.8	24	16	1/6/33	SKIL - HITACHI	145 170 16
170	2.8	1.8	36	16	1/6/33		145 170 17
170	2.8	1.8	56	16	1/6/33		145 170 18
170	2.8	1.8	24	20	2/6/32	MAFELL - METABO	145 170 20
170	2.8	1.8	36	20	2/6/32		145 170 21
170	2.8	1.8	56	20	2/6/32		145 170 22
170	2.8	1.8	24	30	2/7/42	HITACHI-BOSCH-ELU-FESTO-HOLZHER	145 170 30
170	2.8	1.8	36	30	2/7/42		145 170 31
170	2.8	1.8	56	30	2/7/42		145 170 32
180	2.8	1.8	24	16	1/6/33	BLACK & DECKER-SCHEER-SKIL-HITACHI	145 180 16
180	2.8	1.8	36	16	1/6/33		145 180 17
180	2.8	1.8	42	16	1/6/33		145 180 18
180	2.8	1.8	56	16	1/6/33		145 180 19
180	2.8	1.8	24	20	2/6/32	RYOBI - METABO - PEUGEOT	145 180 20
180	2.8	1.8	36	20	2/6/32		145 180 21
180	2.8	1.8	42	20	2/6/32		145 180 22
180	2.8	1.8	56	20	2/6/32		145 180 23
180	2.8	1.8	24	30	2/7/42	BOSCH - ELU - HOLZHER - FESTO	145 180 30
180	2.8	1.8	36	30	2/7/42		145 180 31
180	2.8	1.8	42	30	2/7/42		145 180 32
180	2.8	1.8	56	30	2/7/42		145 180 33
190	2.8	1.8	24	16	1/6/33	BOSCH - HITACHI - SKIL	145 190 16
190	2.8	1.8	36	16	1/6/33		145 190 17
190	2.8	1.8	48	16	1/6/33		145 190 18
190	2.8	1.8	24	30	2/7/42	AEG-BOSCH-HOLZHER-HITACHI-MAFELL	145 190 30
190	2.8	1.8	36	30	2/7/42		145 190 31
190	2.8	1.8	48	30	2/7/42		145 190 32
200	3.0	2.0	24	30	2/7/42	FESTO - HOLZHER - MAFELL - BOSCH	145 200 30
200	3.0	2.0	36	30	2/7/42		145 200 31
200	3.0	2.0	48	30	2/7/42		145 200 32
200	3.0	2.0	64	30	2/7/42		145 200 33



T.C.T.
CIRCULAR SAW BLADES

PORTATIVE

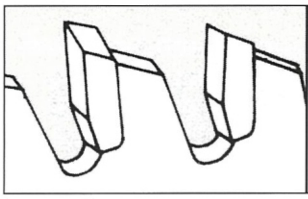
BY - 145

DESIGNATION :

T.C.T. CIRCULAR SAW BLADES FOR PORTABLE SAWS

ALTERNATIVE TOP BEVEL TEETH

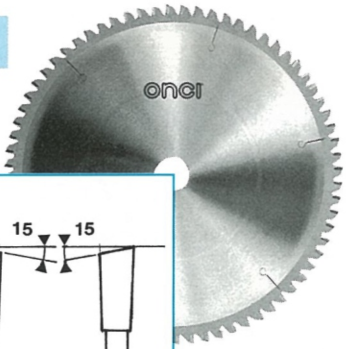
ØD	T	t	Z	Ød		MACHINES	CODE
210	3.0	2.0	24	16	1/6/33	SKIL-HITACHI-SCHEER	145 210 16
210	3.0	2.0	36	16	1/6/33		145 210 17
210	3.0	2.0	48	16	1/6/33		145 210 18
210	3.0	2.0	64	16	1/6/33		145 210 19
210	3.0	2.0	24	30	2/7/42	AEG-BOSCH-METABO-HOLZHER-MAFELL	145 210 30
210	3.0	2.0	36	30	2/7/42		145 210 31
210	3.0	2.0	48	30	2/7/42		145 210 32
210	3.0	2.0	64	30	2/7/42		145 210 33
220	3.0	2.0	24	30	2/7/42	HOLZHER-MAFELL-METABO-SCHEER	145 220 30
220	3.0	2.0	36	30	2/7/42		145 220 31
220	3.0	2.0	48	30	2/7/42		145 220 32
230	3.0	2.0	24	16	1/6/33	SKIL	145 230 16
230	3.0	2.0	36	16	1/6/33		145 230 17
230	3.0	2.0	24	30	2/7/42	BOSCH-SCHEER-HOLZHER-AEG-FESTO	145 230 30
230	3.0	2.0	36	30	2/7/42		145 230 31
230	3.0	2.0	64	30	2/7/42		145 230 32
235	3.0	2.0	24	16	1/6/33	HITACHI - PEUGEOT	145 235 16
235	3.0	2.0	36	16	1/6/33		145 235 17
235	3.0	2.0	56	16	1/6/33		145 235 18
235	3.0	2.0	24	25		MAKITA	145 235 25
235	3.0	2.0	36	25			145 235 26
235	3.0	2.0	56	25			145 235 27
235	3.0	2.0	24	30	2/7/42	SKIL - BLACK & DECKER	145 235 30
235	3.0	2.0	36	30	2/7/42		145 235 31
235	3.0	2.0	56	30	2/7/42		145 235 32
235	3.0	2.0	24	35		RYOBI	145 235 35
235	3.0	2.0	36	35			145 235 36
235	3.0	2.0	56	35			145 235 37
240	3.0	2.0	24	30	2/7/42	HOLZHER - MAFELL - SCHEER - METABO	145 240 30
240	3.0	2.0	36	30	2/7/42		145 240 32
240	3.0	2.0	56	30	2/7/42		145 240 33

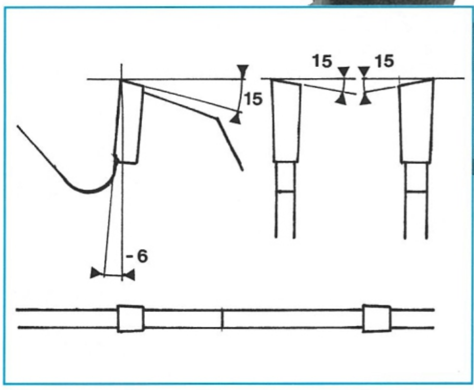


T.C.T.
CIRCULAR SAW BLADES

F 10 NB

OMEGA - 115



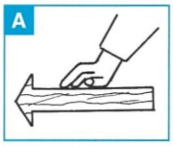


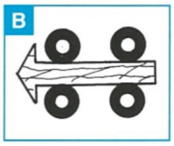
DESIGNATION :

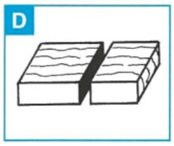
T.C.T. CIRCULAR SAW BLADES FOR MITER SAWS AND RADIAL SAWS

NEGATIVE RAKE ANGLE. ALTERNATIVE TOP BEVEL TEETH

USE :

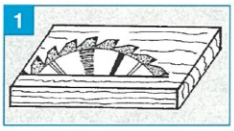


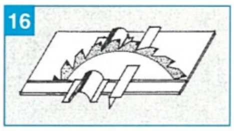




Cross-cutting thin veneered or non veneered wood.
Moulding.

Sawing work : FINISHING



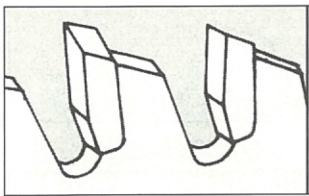


Ø D	T	t	Z	Ø d		Slots	o ◯ o			MACHINES	CODE
216	2.8	1.8	64	30		4				ELU	115 216 30
250	3.2	2.2	80	30		4					115 250 30
300	3.2	2.2	96	30		6					115 300 30

F 12 NB

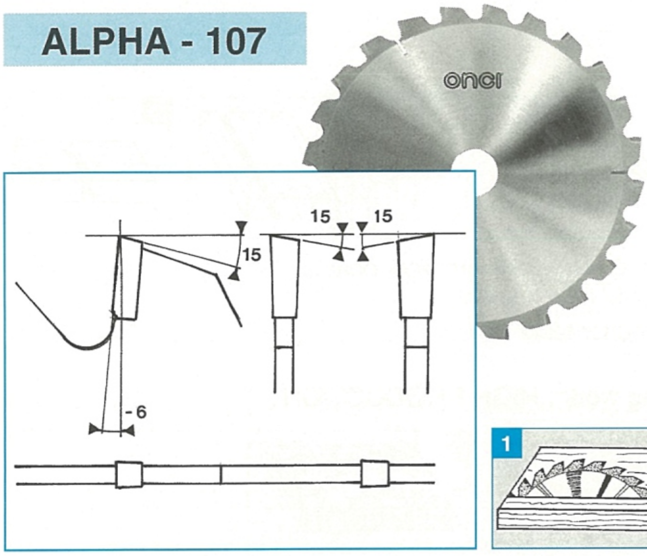
OMEGA - 128

Ø D	T	t	Z	Ø d		Slots	o ◯ o			MACHINES	CODE
216	2.8	1.8	48	30		4				ELU	128 216 30
250	3.2	2.2	60	30		6					128 250 30
300	3.2	2.2	72	30		6					128 300 30



T.C.T.
CIRCULAR SAW BLADES

D 30 NB
ALPHA - 107

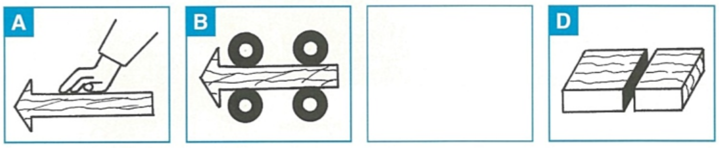


DESIGNATION :

T.C.T. CIRCULAR SAW BLADES FOR MITER SAWS AND RADIAL SAWS

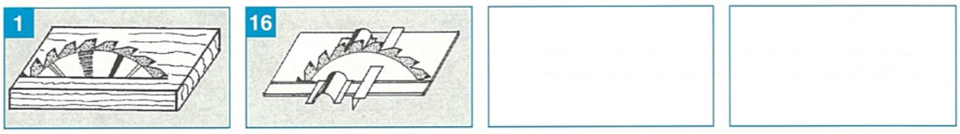
NEGATIVE RAKE ANGLE ALTERNATIVE TOP BEVEL TEETH

USE :



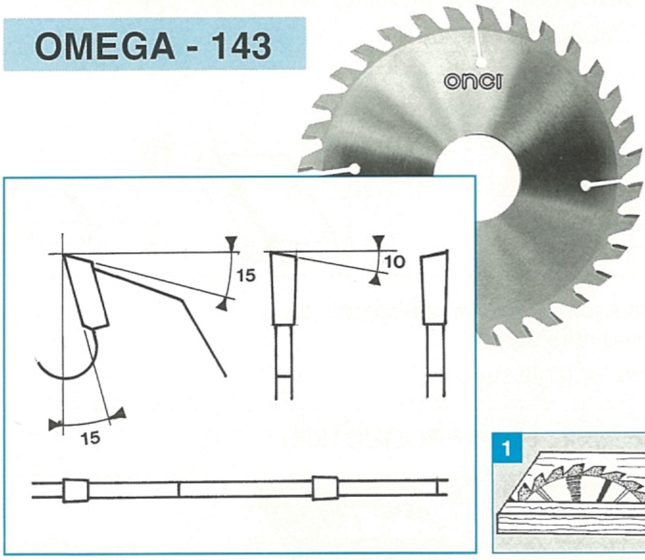
Cross-cutting hard wood

Sawing work : HIGH PRODUCTION



Ø D	T	t	Z	Ø d		Slots	o◯o			MACHINES	CODE
216	2.8	1.8	24	30		4				ELU	107 216 30
400	4.4	2.8	48	30		4					107 400 30
450	4.4	2.8	54	30		6	DUO				107 450 30
500	4.4	2.8	60	30		6	DUO				107 500 30
550	4.8	3.2	72	30		6	DUO				107 550 30

TOUPIE
OMEGA - 143

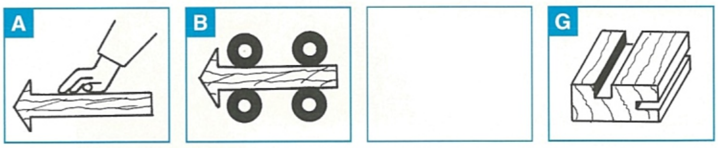


DESIGNATION :

T.C.T CIRCULAR SAW BLADES FOR GROOVING AND CROSS CUTTING ON SPINDLE MOULDING MACHINE

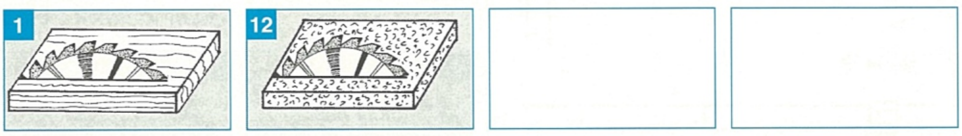
ALTERNATIVE TOP BEVEL TEETH

USE :

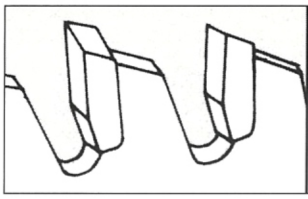


To obtain glass fixing lath.
To integrate in tools set.
For grooving.

Sawing work : FINISHING



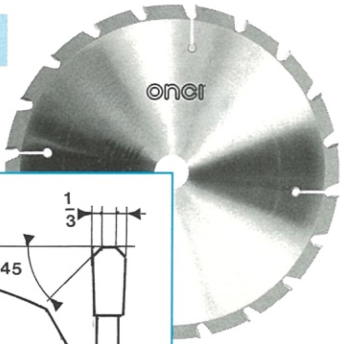
Ø D	T	t	Z	Ø d		Slots					CODE
150	3.0	1.8	24	50		4					143 150 50
160	3.0	1.8	24	50		4					143 160 50
180	3.0	1.8	24	50		4					143 180 50
180	3.0	1.8	30	50		4					143 180 51
200	3.0	2.0	24	50		4					143 200 50
200	3.0	2.0	32	50		4					143 200 51

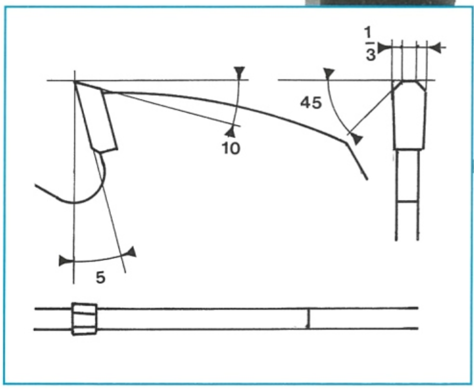


T.C.T.
CIRCULAR SAW BLADES

CHAN 45 T

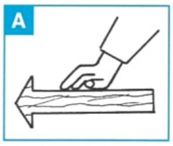
ALPHA - 129

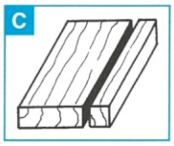


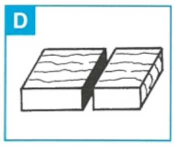


DESIGNATION :
T.C.T. CIRCULAR SAW BLADES WITH CHIP LIMITORS
TRAPEZOÏDAL TEETH

USE :

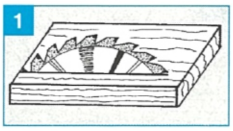


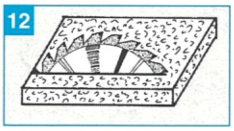


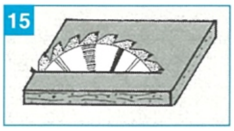


Hard and soft wood, formwork boards.
Cemented fibre boards.
Required for table saws.

Sawing work : HIGH PRODUCTION



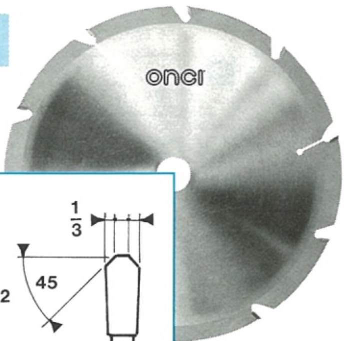


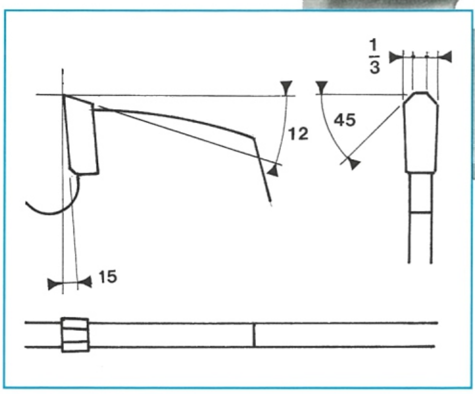


Ø D	T	t	Z	Ø d	Slots	o ◯ o	CODE
300	3.4	2.2	20	30	4	DUO	129 300 31
315	3.4	2.2	20	30	4	DUO	129 315 31
350	3.6	2.5	24	30	4	DUO	129 350 31
400	3.6	2.5	28	30	4	DUO	129 400 31
450	4.0	2.8	32	30	4		129 450 31
500	4.0	2.8	36	30	4		129 500 31

SUPER +

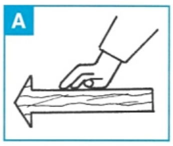
ALPHA - 101

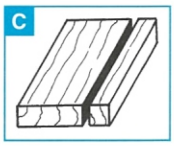


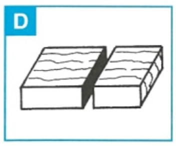


DESIGNATION :
T.C.T. CIRCULAR SAW BLADES WITH CHIP LIMITORS
TRAPEZOÏDAL TEETH

USE :

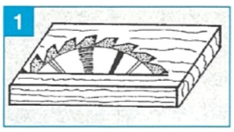


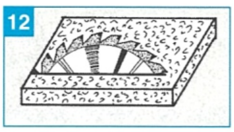


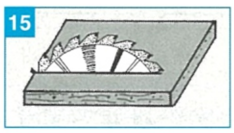


Hard and soft wood, particleboards raw.
Cemented fibre boards.
Required for table saws.

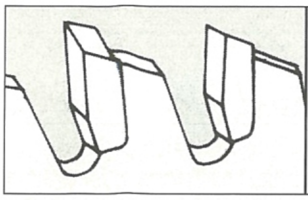
Sawing work : HIGH PRODUCTION







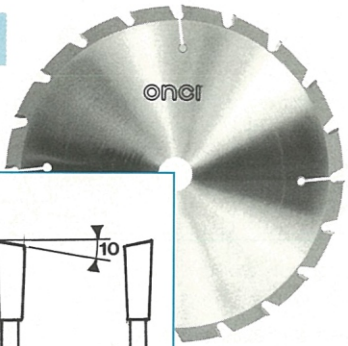
Ø D	T	t	Z	Ø d	Slots	o ◯ o	CODE
300	3.6	2.5	10	30	3	DUO	101 300 30
350	3.6	2.5	12	30	4	DUO	101 350 30
400	3.6	2.5	14	30	4	DUO	101 400 30
450	4.0	2.8	16	30	4		101 450 30

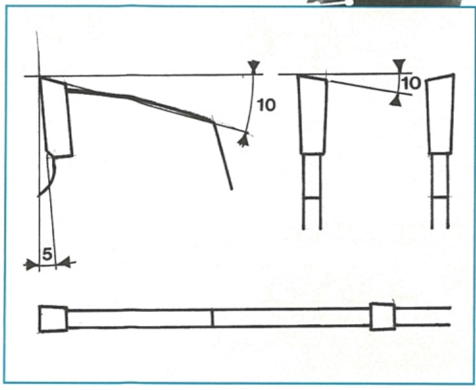


T.C.T.
CIRCULAR SAW BLADES

CHAN 45 B

ALPHA - 129



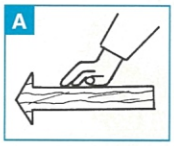


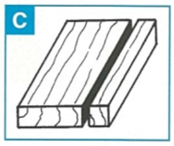
DESIGNATION :

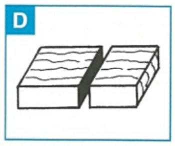
T.C.T. CIRCULAR SAW BLADES WITH CHIP LIMITORS

ALTERNATIVE TOP BEVEL TEETH

USE :

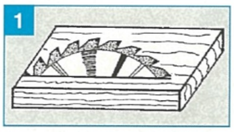


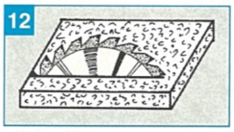




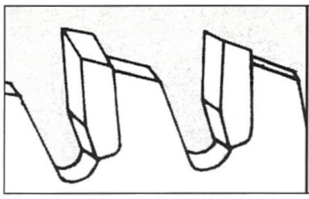
Hard and soft wood.
Particleboards raw.
Required for table saws.

Sawing work : HIGH PRODUCTION





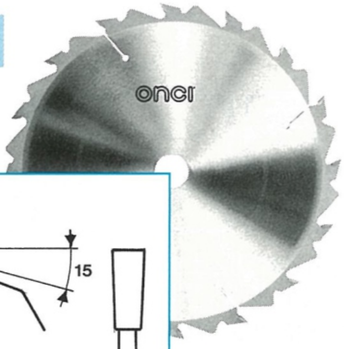
Ø D	T	t	Z	Ø d		Slots					CODE
300	3.4	2.2	20	30		4	DUO				129 300 30
315	3.4	2.2	20	30		4	DUO				129 315 30
350	3.6	2.5	24	30		4	DUO				129 350 30
400	3.6	2.5	28	30		4	DUO				129 400 30
450	4.0	2.8	32	30		4					129 450 30
500	4.0	2.8	36	30		4					129 500 30

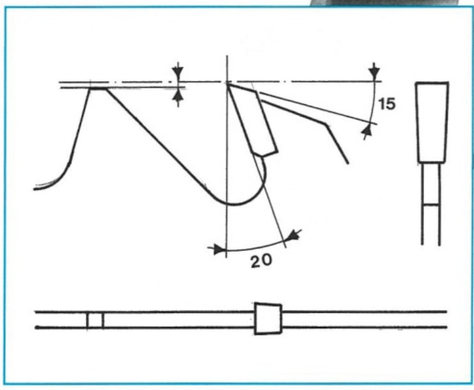


T.C.T.
CIRCULAR SAW BLADES

D 63 LP

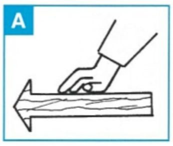
ALPHA - 102

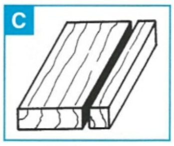


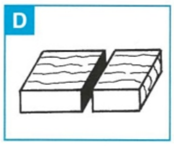


DESIGNATION :
T.C.T. CIRCULAR SAW BLADES WITH CHIP LIMITATION
FLAT TEETH

USE :

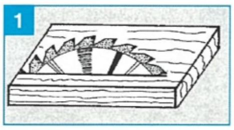


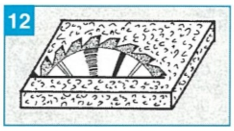


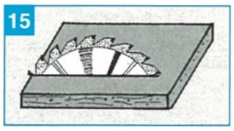


Hard and soft wood.
Fiberboard, rawboard.
Required for table saws.

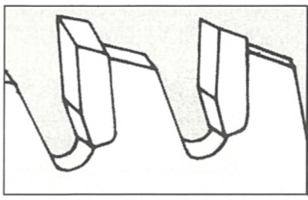
Sawing work : HIGH PRODUCTION







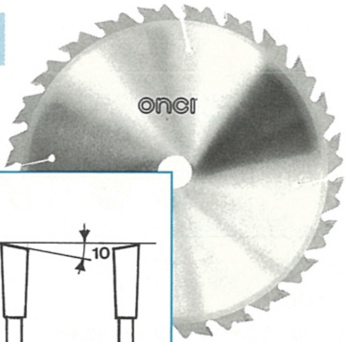
Ø D	T	t	Z	Ø d	Slots		CODE
250	3.2	2.2	12	30	4		102 250 30
300	3.2	2.2	16	30	4	DUO	102 300 30
350	3.6	2.5	16	30	4	DUO	102 350 30
400	3.6	2.5	20	30	4	DUO	102 400 30
450	4.0	2.8	24	30	4		102 450 30
500	4.0	2.8	24	30	4		102 500 30
550	4.5	3.5	28	30	4		102 550 30
600	4.5	3.5	32	30	4		102 600 30

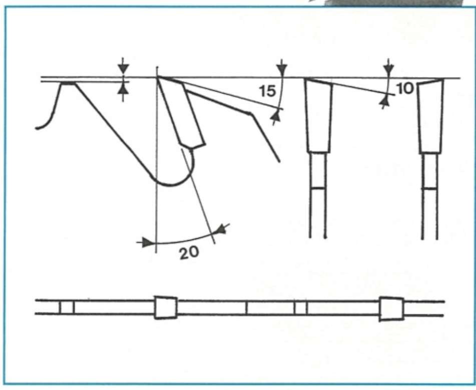


T.C.T.
CIRCULAR SAW BLADES

D 40 LB

ALPHA - 103



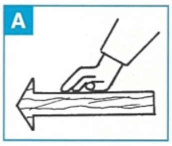


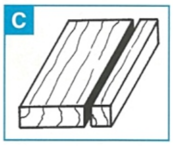
DESIGNATION :

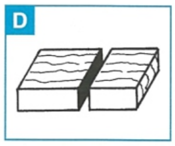
T.C.T. CIRCULAR SAW BLADES WITH CHIP LIMITATION

ALTERNATIVE TOP BEVEL TEETH

USE :



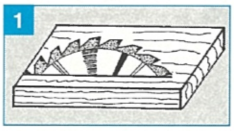


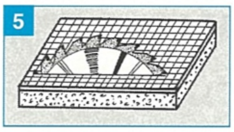


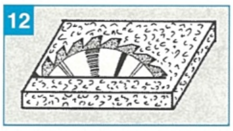
Solid, hard, soft and exotic wood.
Particleboards.

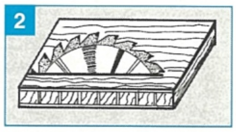
Required for table saws.

Sawing work : HIGH PRODUCTION

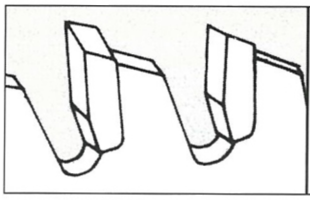






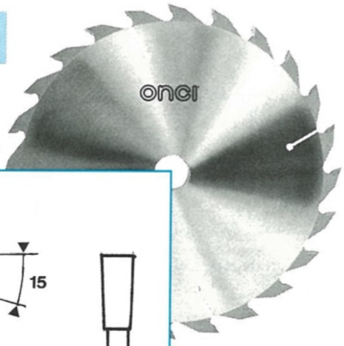


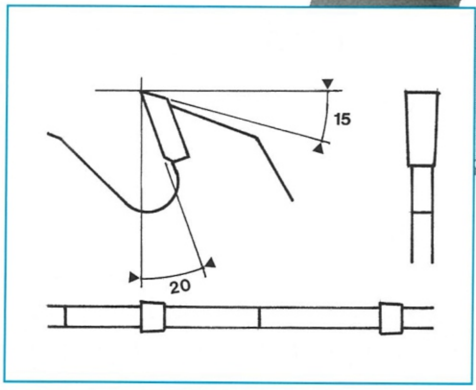
Ø D	T	t	Z	Ø d		Slots	o ◯ o			MACHINES	CODE
250	3.2	2.2	24	30		4	DUO				103 250 30
300	3.2	2.2	28	30		4	DUO				103 300 30
315	3.2	2.2	28	30		4	DUO			MAFELL, METABO	103 315 30
335	3.6	2.5	28	25		4				MAKITA	103 335 25
335	3.6	2.5	28	30		4	DUO			HITACHI	103 335 30
350	3.6	2.5	32	30		4	DUO				103 350 30
380	3.6	2.5	32	25		4				MAKITA	103 380 25
400	3.6	2.5	36	30		4	DUO				103 400 30
415	3.6	2.5	36	25		4				MAKITA	103 415 25
450	4.0	2.8	36	30		4					103 450 30
500	4.0	2.8	40	30		4					103 500 30



T.C.T.
CIRCULAR SAW BLADES

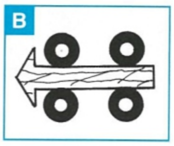
D 40 P
OMEGA - 104

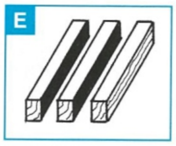




DESIGNATION :
T.C.T. RIPPING SAW BLADES FOR HIGH PRODUCTION
FLAT TEETH

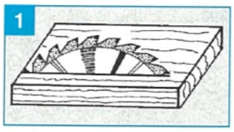
USE :

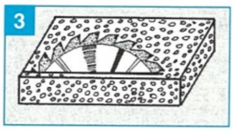


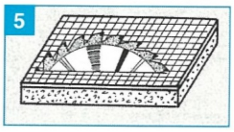


Hard, solid and soft wood.
Exotic wood.
Required for multi-rip saw blades.

Sawing work : HIGH PRODUCTION

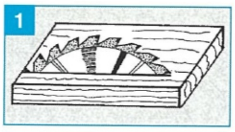


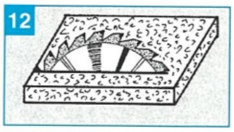




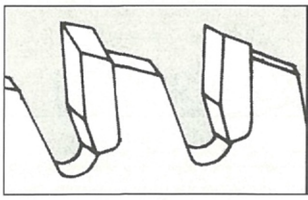
Ø D	T	t	Z	Ø d	Slots			CODE
250	3.2	2.2	20	30	4			104 250 30
250	3.2	2.2	20	70	4		2/20/5	104 250 70
280	3.2	2.2	24	30	4			104 280 30
280	3.2	2.2	24	70	4		2/20/5	104 280 70
300	3.2	2.2	24	30	4			104 300 30
300	3.2	2.2	24	70	4		2/20/5	104 300 70
300	3.2	2.2	24	80	4	2/13/100	2/20/5	104 300 80
350	3.6	2.5	28	30	4			104 350 30
350	3.6	2.5	28	70	4		2/20/5	104 350 70
400	3.6	2.5	32	30	4			104 400 30
450	4.0	2.8	36	30	4			104 450 30
500	4.0	2.8	40	30	4			104 500 30
600	4.5	3.5	48	30	6			104 600 30
710	5.5	4.0	56	30	6			104 710 30
800	6.0	4.5	64	30	6			104 800 30

D 40 FP
OMEGA - 105



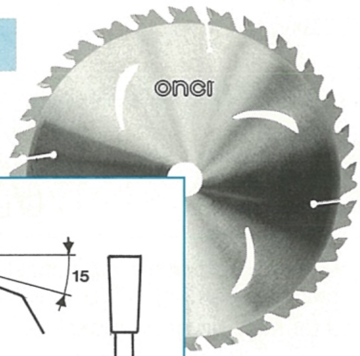


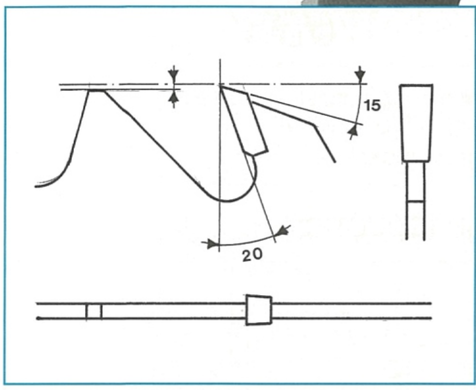
250	4.0	2.5	20	30	4		105 250 30
250	4.0	2.5	20	70	4	2/20/5	105 250 70
300	4.0	2.5	24	30	4		105 300 30
300	4.0	2.5	24	70	4	2/20/5	105 300 70
350	4.4	2.8	28	30	4		105 350 30
350	4.4	2.8	28	70	4	2/20/5	105 350 70
400	4.4	2.8	32	30	4		105 400 30
450	4.4	2.8	36	30	4		105 450 30
500	4.4	2.8	40	30	4		105 500 30



D 40 LP

OMEGA - 108



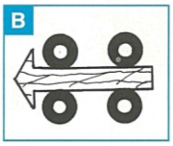


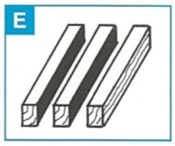
DESIGNATION :

T.C.T. CIRCULAR SAW BLADES WITH CHIP LIMITORS AND COOLING SLOTS

FLAT TEETH

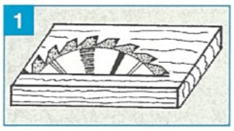
USE :

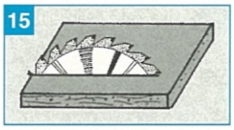


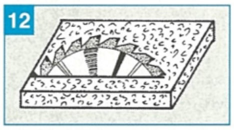


Solid hard and soft wood.
Exotic wood.

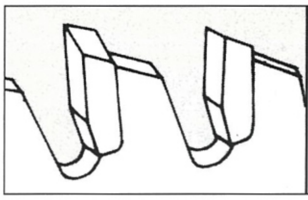
Sawing work : HIGH PRODUCTION







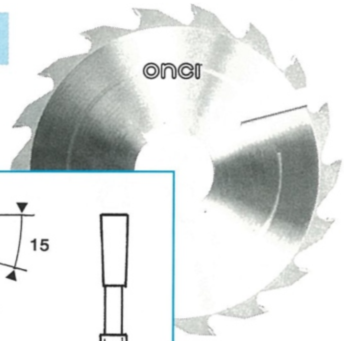
Ø D	T	t	Z	Ø d		Slots					CODE
250	3.4	2.2	20	30		4	DUO				108 250 30
250	3.4	2.2	20	70		4		2/20/5			108 250 70
300	3.4	2.2	24	30		4	DUO		4		108 300 30
300	3.4	2.2	24	70		4		2/20/5	4		108 300 70
350	3.6	2.5	28	30		4	DUO		4		108 350 30
350	3.6	2.5	28	70		4		2/20/5	4		108 350 70
400	3.6	2.5	32	30		4	DUO		4		108 400 30

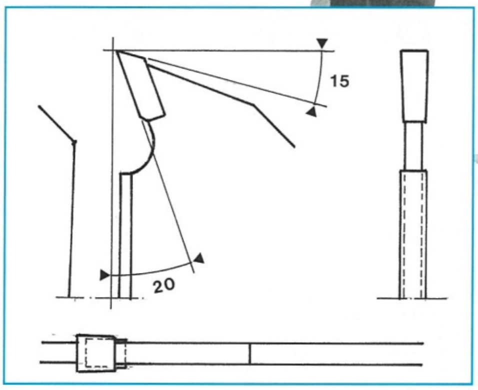


T.C.T.
CIRCULAR SAW BLADES

D 50 GR

OMEGA - 135



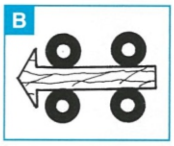


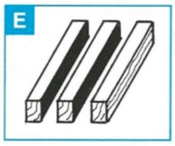
DESIGNATION :

T.C.T. CIRCULAR RIPPING SAW BLADES WITH OUTER WIPER SLOTS

FLAT TEETH

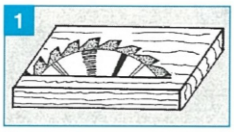
USE :





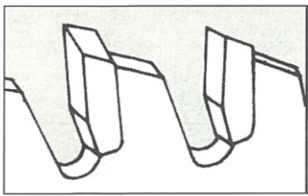
Green wood or wood with a high moisture content.
Limited height according to the flange Ø .
Required for multi-rip saw blades.

Sawing work : HIGH PRODUCTION



Ø D	T	t	Z	GR	Ø d			MACHINES	CODE
250	3.4	2.2	16	2	80		2/13x5	COSTA - STORTI	135 250 80
250	3.0	2.1	16	2	80		2/13x5	STORTI - COSTA	135 250 81
280	3.4	2.2	16	2	80		2/13x5		135 280 80
280	3.8	2.5	16	2	80		2/13x5		135 280 81
300	3.4	2.2	18	2	80		2/13x5		135 300 80
300	3.4	2.2	18	2	50		1/10.5x6		135 300 50

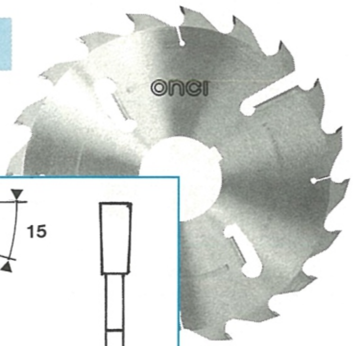
BLADES WITH "STELLITE" TIPS ON REQUEST

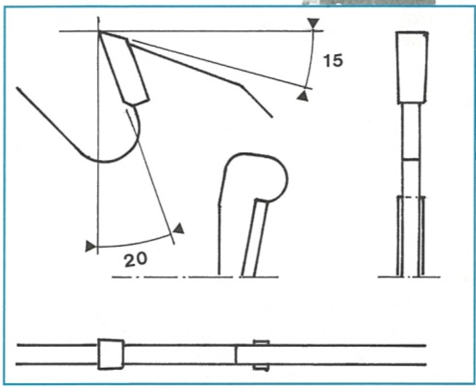


T.C.T.
CIRCULAR SAW BLADES

D 50 PR

OMEGA - 136



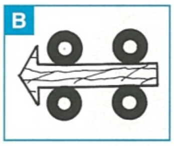


DESIGNATION :

T.C.T. CIRCULAR RIPPING SAW BLADES WITH INNER AND OUTER WIPER SLOTS

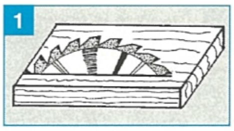
FLAT TEETH

USE :



Green wood or wood with a high moisture content.
Limited height according to the flange Ø .
Required for multi-rip saw blades.

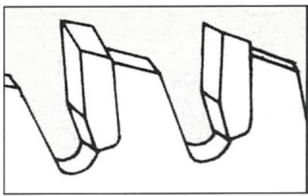
Sawing work : HIGH PRODUCTION



Ø D	T	t	Z	PR	Ø d			MACHINES	CODE
300	3.4	2.2	20	4	80	2	2/20x5	RAIMANN	136 300 80
300	3.4	2.2	20	4	70		2/20x5	OGAM	136 300 70
320	3.4	2.2	20	4	80		2/20x5	OGAM	136 320 80
350	3.6	2.4	20	4	70		2/20x5	OGAM	136 350 70
350	4.2	2.8	20	4	70		2/20x5	OGAM	136 350 71
350	4.2	2.8	20	4	85		2/20x9	SOCOLEST	136 350 85
380	4.2	2.8	20	4	85		2/20x9	SOCOLEST	136 380 85
450	4.0	2.6	36	3	110	6	2/17x7	MEM	136 450 11
450	3.8	2.6	24	4	110	6	2/17x7	MEM	136 450 12
450	3.8	2.6	24	4	130	6	1/20x8	LBL	136 450 13
460	4.2	3.0	20	4	120	6	2/19x10	REMONNAY	136 460 12
500	4.0	2.8	20	4	110	6	2/17x7	MEM	136 500 11
500	4.2	3.0	20	4	140	8	2/19x10	REMONNAY	136 500 14
520	4.2	3.0	24	6	110	6	2/17x7	MEM	136 520 11
520	4.2	3.0	24	6	120	6	2/17x7	MEM	136 520 12
530	4.6	3.2	24	4	130	6	1/20x8	LBL	136 530 13
570	4.6	3.2	24	6	140	8	2/19x10	REMONNAY	136 570 14
760	5.4	3.6	32	8	160	8	2/17x7	MEM	136 760 16

For all sort of machines :
COSTA - ESTERER - GILLET - LBL - LINCK
MEM - OGAM - RAIMANN - REMONNAY
SOCOLEST - STORTI etc...

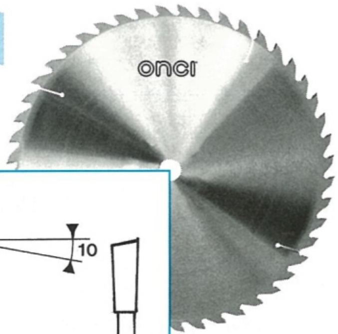
STELLITE® TIPS BLADES ON REQUEST

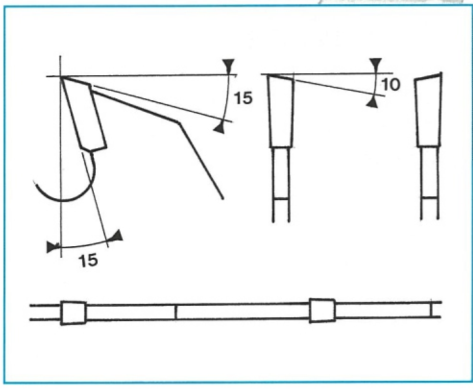


T.C.T.
CIRCULAR SAW BLADES

D 30 B

OMEGA - 106



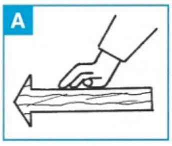


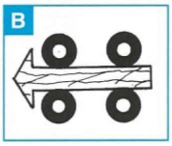
DESIGNATION :

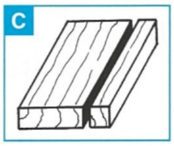
T.C.T. CIRCULAR SAW BLADES FOR HIGH PRODUCTION

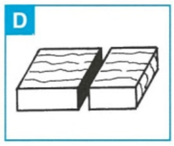
ALTERNATIVE TOP BEVEL TEETH

USE :



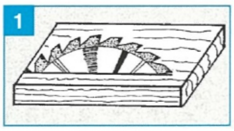


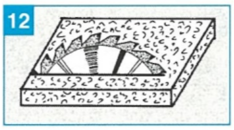


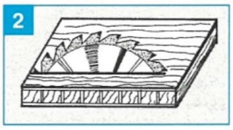


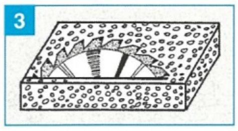
Solid, hard and soft wood.
Particleboards, blockboards and plaster panels.

Sawing work : HIGH PRODUCTION

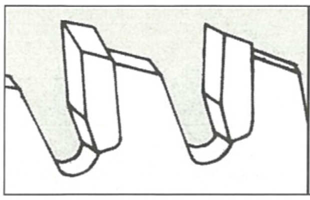








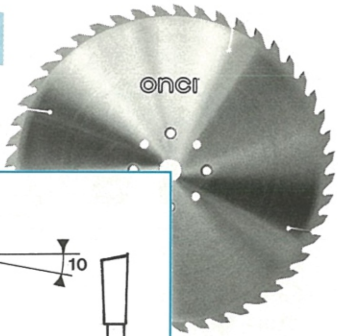
Ø D	T	t	Z	Ø d		Slots	o◯o			MACHINES	CODE
250	3.2	2.2	24	30		4	DUO				106 250 30
260	3.2	2.2	28	19		4				SKIL	106 260 19
260	3.2	2.2	28	25		4				MAKITA	106 260 25
260	3.2	2.2	28	30		4	DUO			SKIL	106 260 30
266	3.2	2.2	28	25		4				MAKITA	106 266 25
300	3.2	2.2	32	30		4	DUO				106 300 30
320	3.2	2.2	32	30		4	DUO			MAFELL-HAFFNER	106 320 30
350	3.2	2.2	36	30		4	DUO				106 350 30
400	3.6	2.5	40	30		4	DUO				106 400 30
450	4.0	2.8	48	30		4					106 450 30
500	4.0	2.8	56	30		4					106 500 30
550	4.5	3.5	56	30		4					106 550 30
600	4.5	3.5	64	30		6					106 600 30
710	5.5	4.0	72	30		6					106 710 30
800	6.0	4.5	80	30		6					106 800 30

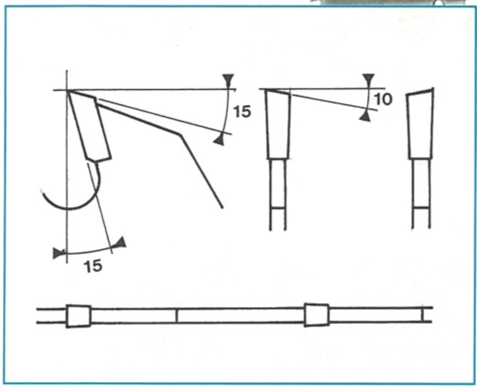


T.C.T.
CIRCULAR SAW BLADES

DE 30 PAUW

OMEGA - 109



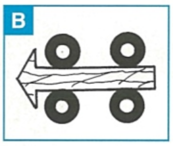


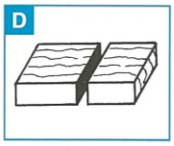
DESIGNATION :

T.C.T. CIRCULAR SAW BLADES FOR DE PAUW AND WILSON MACHINES

ALTERNATIVE TOP BEVEL TEETH

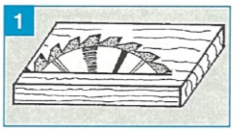
USE :





Blades for carpentry.

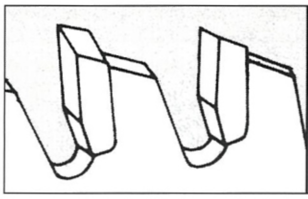
Sawing work : HIGH PRODUCTION



Ø D	T	t	Z	Ø d		Slots	o ◯ o			MACHINES	CODE
400	4.4	2.8	40	30		4	8/9/100 A			DE PAUW	109 400 30
450	4.4	2.8	48	30		4	8/9/100 A			"	109 450 30
500	4.4	2.8	56	30		4	8/9/100 A			"	109 500 30
550	4.5	3.5	56	30		4	8/9/100 A			"	109 550 30
710	5.5	4.0	72	50		6	12/9/150 B			"	109 710 50
800	6.0	4.5	64	50		6	12/9/150 B			"	109 800 50
800	6.0	4.5	80	50		6	12/9/150 B			"	109 800 51

A - 8 Countersink holes : 4 on the right side and 4 on the left side - for M 8 screw
B - 8 Countersink holes : 6 on the right side and 6 on the left side - for M 8 screw

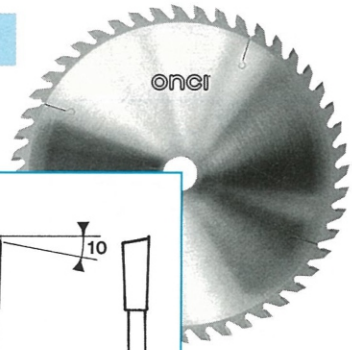
For blades with M 6 screw - Special manufacturing

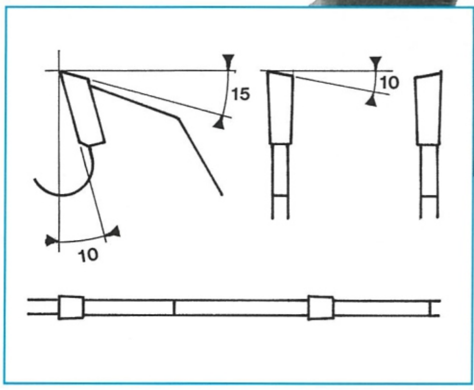


T.C.T.
CIRCULAR SAW BLADES

F 20 B

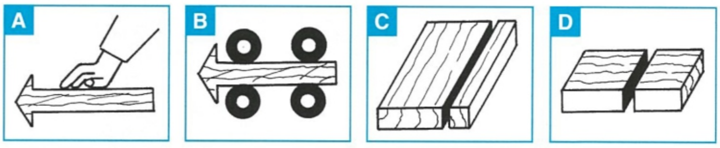
OMEGA - 110





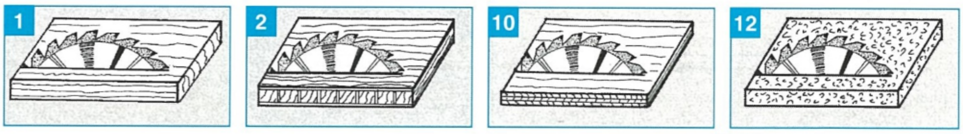
DESIGNATION :
PANEL SIZING SAW BLADES
ALTERNATIVE TOP BEVEL TEETH

USE :

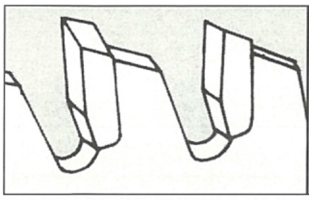


Hard and soft wood.
Blockboards and plywood.
Particleboards - MDF.

Sawing work : FINISHING



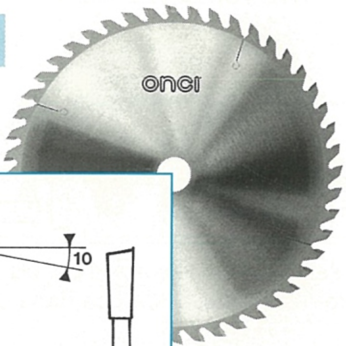
Ø D	T	t	Z	Ø d		Slots	o◯o			MACHINES	CODE
250	3.2	2.2	40	30		4	DUO				110 250 30
260	3.2	2.2	40	25		4				MAKITA	110 260 25
260	3.2	2.2	40	30		4	DUO			SKIL	110 260 30
280	3.2	2.2	48	30		4	DUO			MAFELL	110 280 30
300	3.2	2.2	48	30		4	DUO				110 300 30
335	3.2	2.2	54	25		6				MAKITA	110 335 25
350	3.2	2.2	54	30		6	DUO				110 350 30
350	3.6	2.5	54	30		6	DUO				110 350 31
400	3.6	2.5	60	30		6	DUO				110 400 30
450	4.0	2.8	66	30		6					110 450 30
500	4.0	2.8	72	30		6					110 500 30
600	4.5	3.5	96	30		6					110 600 30

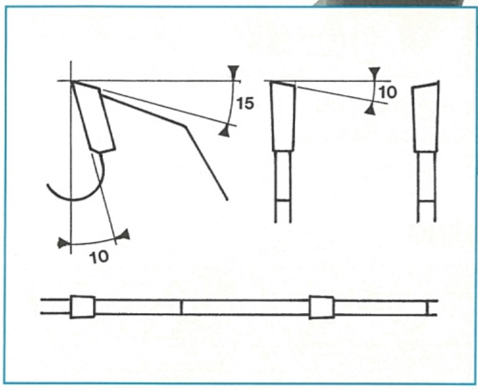


T.C.T.
CIRCULAR SAW BLADES

F 15 B

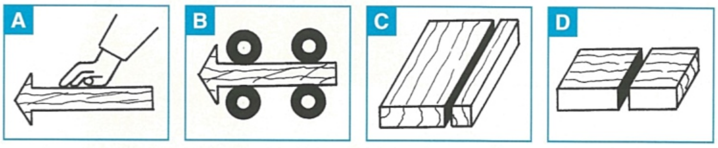
OMEGA - 111





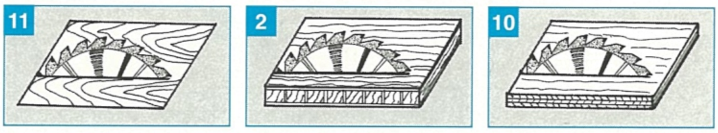
DESIGNATION :
PANEL SIZING SAW BLADES
ALTERNATIVE TOP BEVEL TEETH

USE :

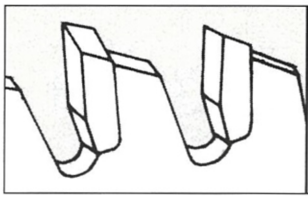


Veneer in packs, blockboards, plywood.
Particleboards.

Sawing work : FINISHING



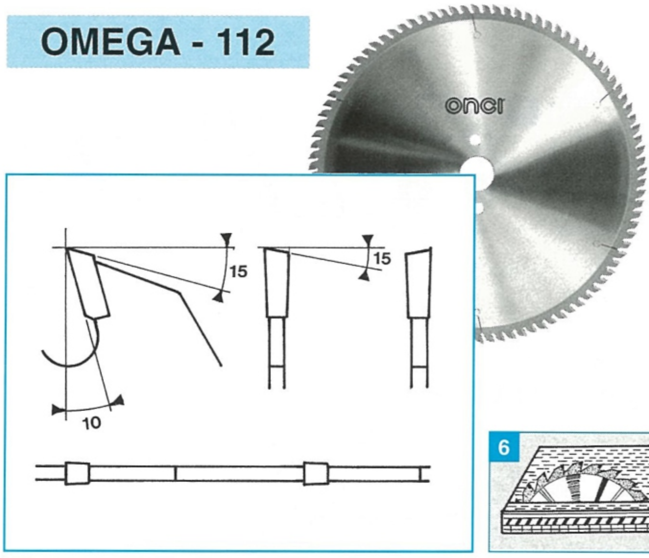
Ø D	T	t	Z	Ø d		Slots	o◯o				CODE
250	3.2	2.2	48	30		4	DUO				111 250 30
300	3.2	2.2	60	30		6	DUO				111 300 30
350	3.2	2.2	72	30		6	DUO				111 350 30
350	3.6	2.5	72	30		6	DUO				111 350 31
400	3.6	2.5	84	30		6	DUO				111 400 30
450	4.0	2.8	96	30		6					111 450 30
500	4.0	2.8	108	30		6					111 500 30



T.C.T.
CIRCULAR SAW BLADES

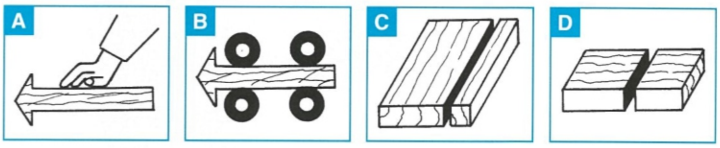
F 12 B

OMEGA - 112



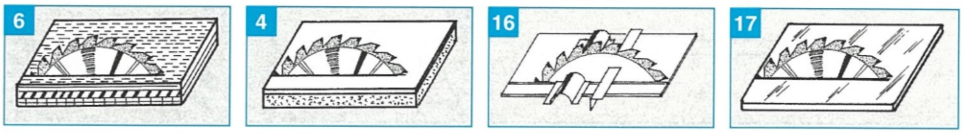
DESIGNATION :
PANEL SIZING SAW BLADES
ALTERNATIVE TOP BEVEL TEETH

USE :

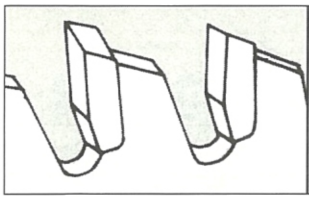


Laminated stacks, melamined panels.
Thin profiles in plastics and cardboard.

Sawing work : FINISHING

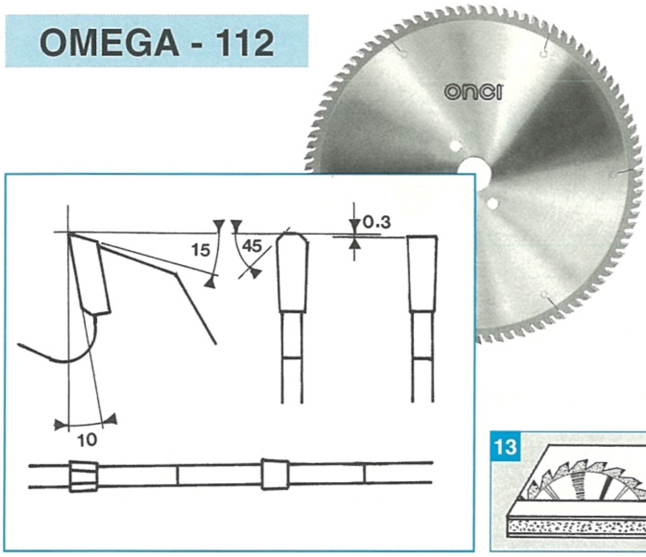


Ø D	T	t	Z	Ø d	Slots		CODE
250	3.2	2.2	60	30	6	DUO	112 250 30
300	3.2	2.2	72	30	6	DUO	112 300 30
350	3.2	2.2	84	30	6	DUO	112 350 30
400	3.6	2.5	96	30	6	DUO	112 400 30



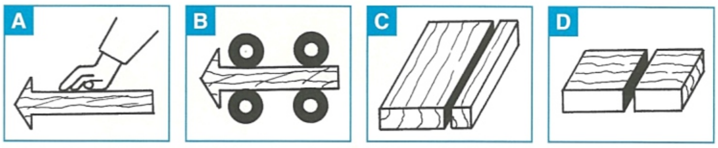
T.C.T.
CIRCULAR SAW BLADES

F 12 TP
OMEGA - 112



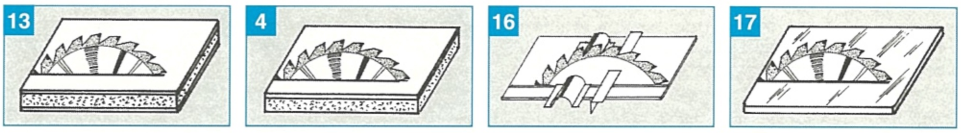
DESIGNATION :
PANEL SIZING SAW BLADES
POSITIVE RAKE ANGLE, 1 TRAPEZOÏDAL TOOTH, 1 FLAT TOOTH

USE :



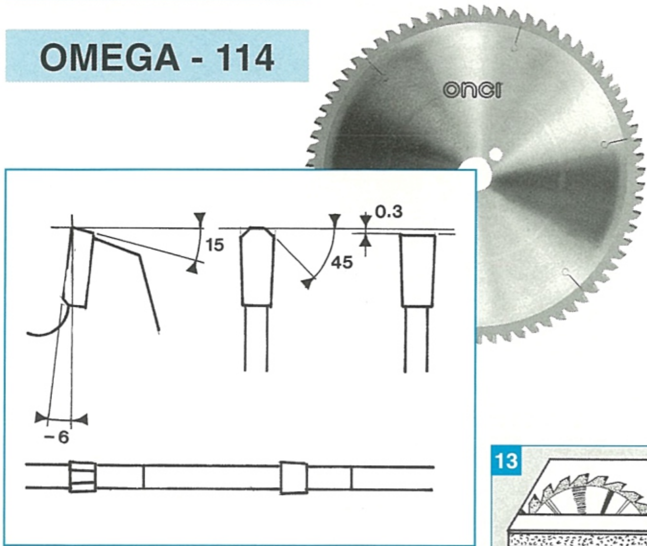
For cutting veneered, covered, laminated boards on one or both sides.
Plastics, hard cardboard.
Required for vertical panel sizing saw blades.

Sawing work : FINISHING



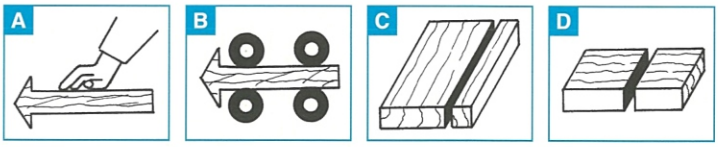
Ø D	T	t	Z	Ø d		Slots	o◯o				CODE
250	3.2	2.2	60	30		6	DUO				112 250 31
300	3.2	2.2	72	30		6	DUO				112 300 31
350	3.2	2.2	84	30		6	DUO				112 350 31
400	3.6	2.5	96	30		6	DUO				112 400 31

F 12 NTP
OMEGA - 114



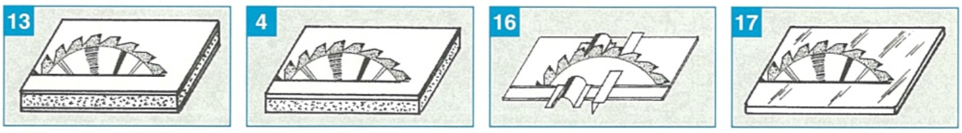
DESIGNATION :
PANEL SIZING SAW BLADES
NEGATIVE RAKE ANGLE, 1 TRAPEZOÏDAL TOOTH, 1 FLAT TOOTH

USE :

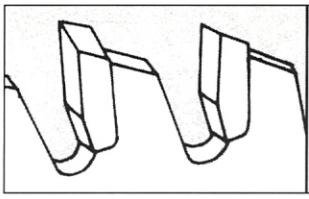


For cutting veneered, covered, laminated boards on one or both sides.
Plastics, hard cardboard.
Required for vertical panel sizing saw blades.

Sawing work : FINISHING



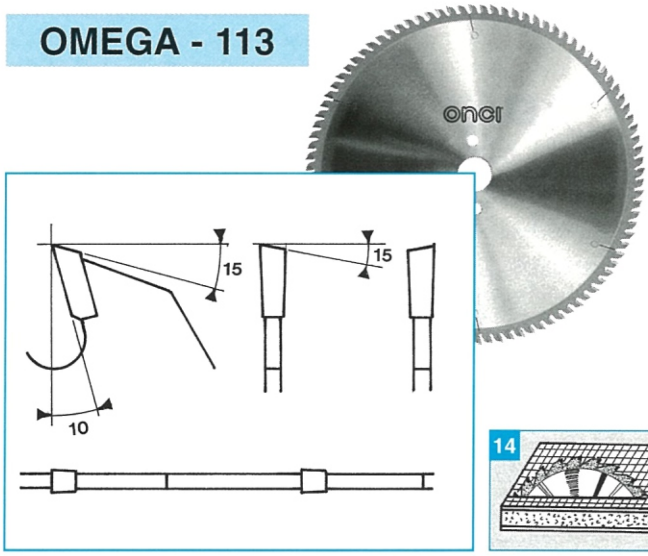
Ø D	T	t	Z	Ø d		Slots	o◯o				CODE
220	3.2	2.2	56	30		6	DUO				114 220 30
250	3.2	2.2	60	30		6	DUO				114 250 30
300	3.2	2.2	72	30		6	DUO				114 300 30



T.C.T.
CIRCULAR SAW BLADES

F 10 B

OMEGA - 113

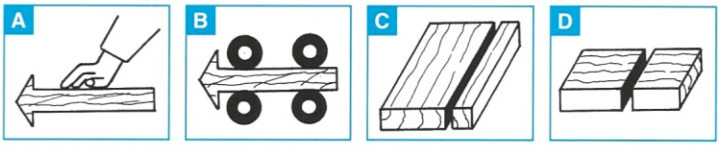


DESIGNATION :

PANEL SIZING SAW BLADES

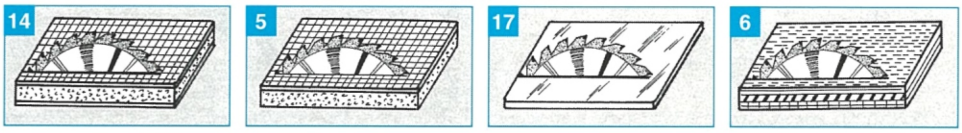
ALTERNATIVE TOP BEVEL TEETH

USE :

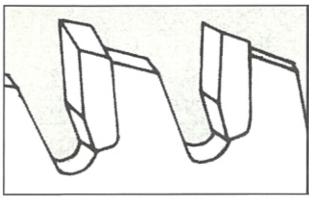


Particleboards veneered on one and both sides.
Laminated boards, plastics, plexiglass.
Required for vertical panel sizing saw blades.

Sawing work : FINISHING

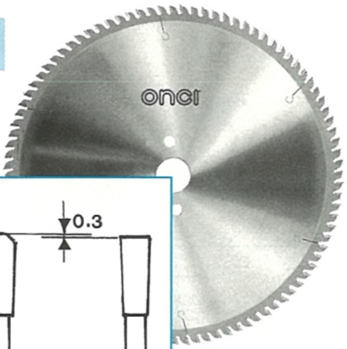


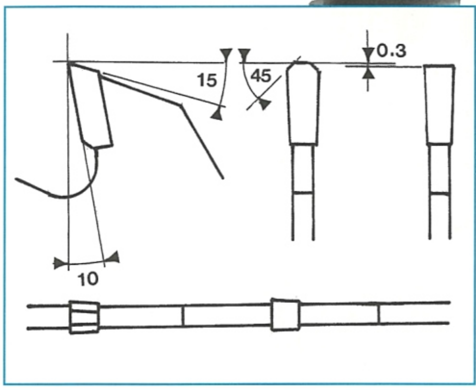
Ø D	T	t	Z	Ø d	Slots		CODE
220	3.2	2.2	64	30	4	DUO	113 220 30
250	3.2	2.2	80	30	4	DUO	113 250 30
300	3.2	2.2	96	30	6	DUO	113 300 30
350	3.2	2.2	108	30	6	DUO	113 350 30
400	3.6	2.5	120	30	6	DUO	113 400 30
450	4.0	2.8	132	30	6		113 450 30
500	4.0	2.8	144	30	6		113 500 30



T.C.T.
CIRCULAR SAW BLADES

F 10 TP
OMEGA - 113

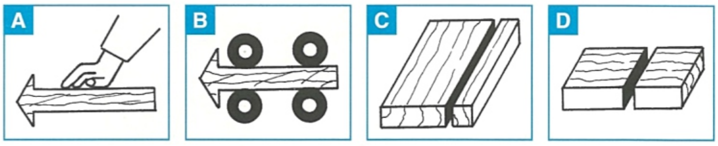




DESIGNATION :
PANEL SIZING SAW BLADES

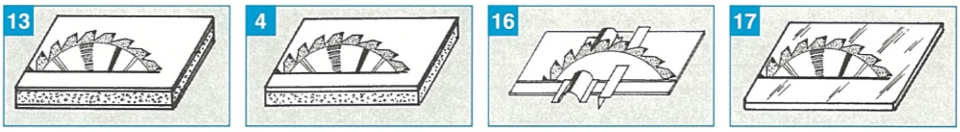
1 TRAPEZOÏDAL TOOTH, 1 FLAT TOOTH

USE :

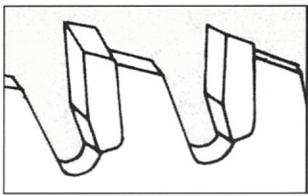


Particleboards melamine faced on one and both sides.
Thin profiles, plastics.
Duroplastic sheets, plexiglas, altuglass.
Required for vertical panel sizing saw blades.

Sawing work : FINISHING

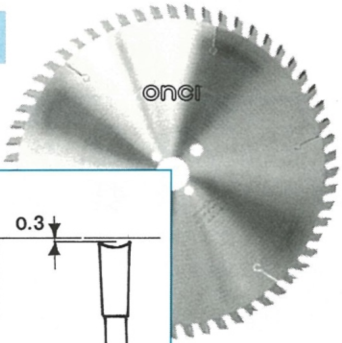


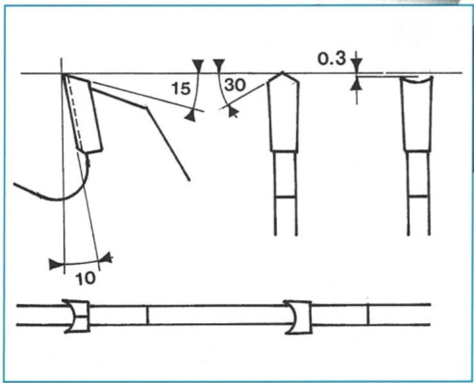
Ø D	T	t	Z	Ø d		Slots	o◯o				CODE
160	2.8	1.8	48	20		4	2/6/32				113 160 21
180	2.8	1.8	56	16		4					113 180 17
180	2.8	1.8	56	30		4	DUO				113 180 31
200	3.0	2.0	64	30		4	DUO				113 200 31
220	3.2	2.2	64	30		4	DUO				113 220 31
230	3.2	2.2	64	30		4	DUO				113 230 31
250	3.2	2.2	80	30		4	DUO				113 250 31
300	3.2	2.2	96	30		6	DUO				113 300 31
300	3.6	2.5	96	30		6	DUO				113 300 32
350	3.2	2.2	108	30		6	DUO				113 350 31
400	3.6	2.5	120	30		6					113 400 31
450	4.0	2.8	132	30		6					113 450 31
500	4.0	2.8	144	30		6					113 500 31



T.C.T.
CIRCULAR SAW BLADES

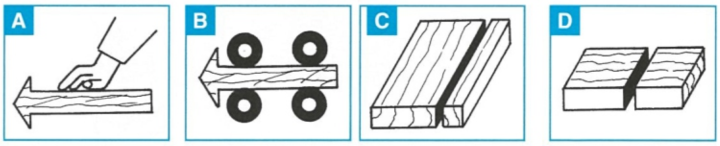
F 15 GC
OMEGA - 116





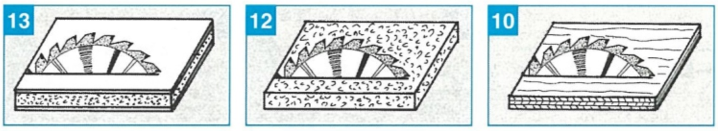
DESIGNATION :
PANEL SIZING SAW BLADES
1 HOLLOW TOOTH AND 1 INVERTED-V-TOOTH

USE :



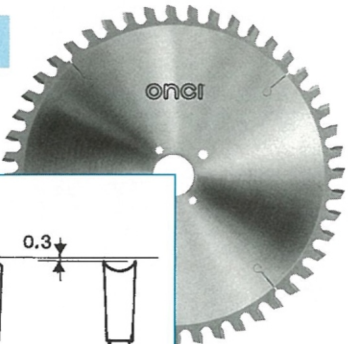
Particleboards melamine faced on both sides.
MDF panels and plywood.
Required for vertical panel sizing saw blades.

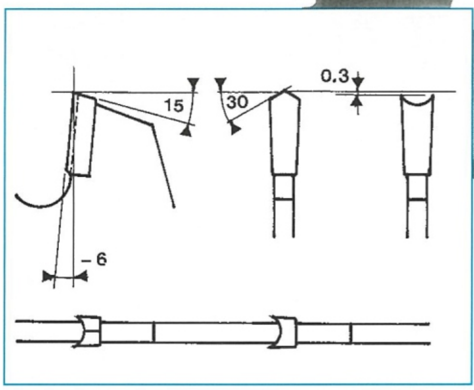
Sawing work : FINISHING



Ø D	T	t	Z	Ø d	Slots	○◯○	CODE
220	3.2	2.2	42	30	3	DUO	116 220 30
250	3.2	2.2	48	30	4	DUO	116 250 30
300	3.2	2.2	60	30	6	DUO	116 300 30
303	3.2	2.2	60	30	6	DUO	116 303 30
350	3.2	2.2	72	30	6	DUO	116 350 30

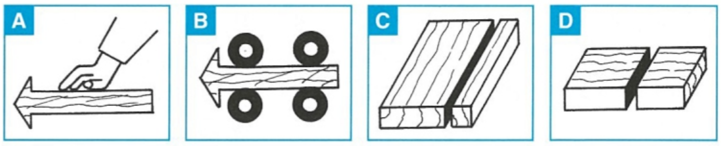
F 15 NGC
OMEGA - 117





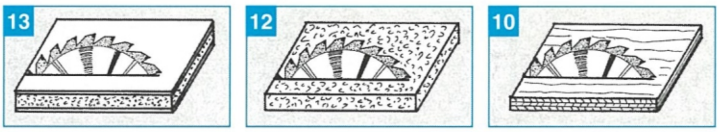
DESIGNATION :
PANEL SIZING SAW BLADES
HOLLOW TOOTH BEVELED ON BOTH SIDE

USE :

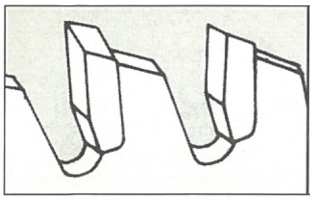


Particleboards melamine faced on both sides.
MDF panels and plywood.
Required for vertical panel sizing saw blades.

Sawing work : FINISHING



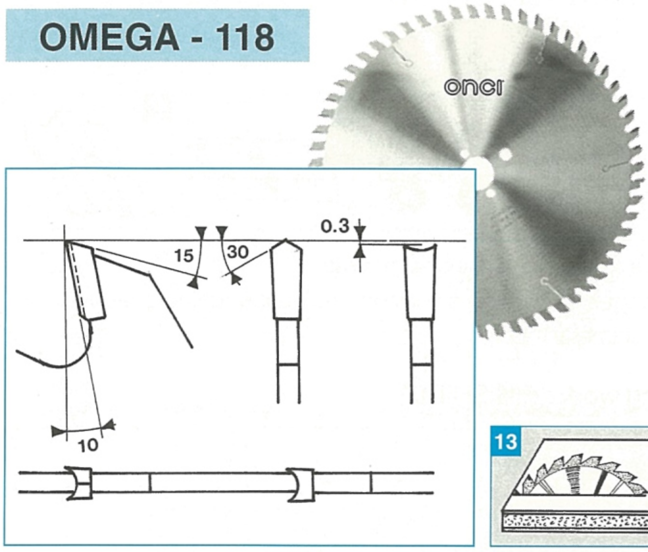
Ø D	T	t	Z	Ø d	Slots	○◯○	CODE
220	3.2	2.2	42	30	3	DUO	117 220 30
250	3.2	2.2	48	30	4	DUO	117 250 30
303	3.2	2.2	60	30	6	DUO	117 303 30
350	3.2	2.2	72	30	6	DUO	117 350 30



T.C.T.
CIRCULAR SAW BLADES

F 12 GC

OMEGA - 118

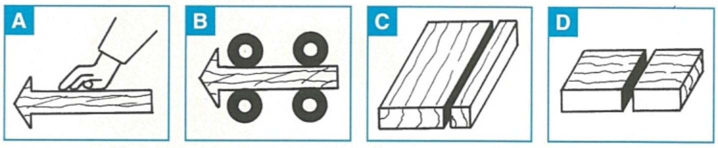


DESIGNATION :

PANEL SIZING SAW BLADES

POSITIVE RAKE ANGLE 1 HOLLOW TOOTH AND
1 INVERTED-V-TOOTH

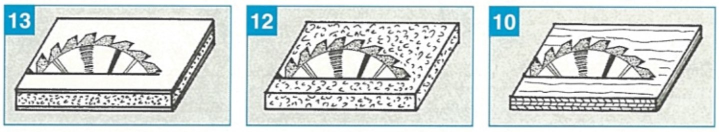
USE :



Particleboards melamine faced on both sides.
MDF panels and plywood.

Required for vertical panel sizing saw blades.

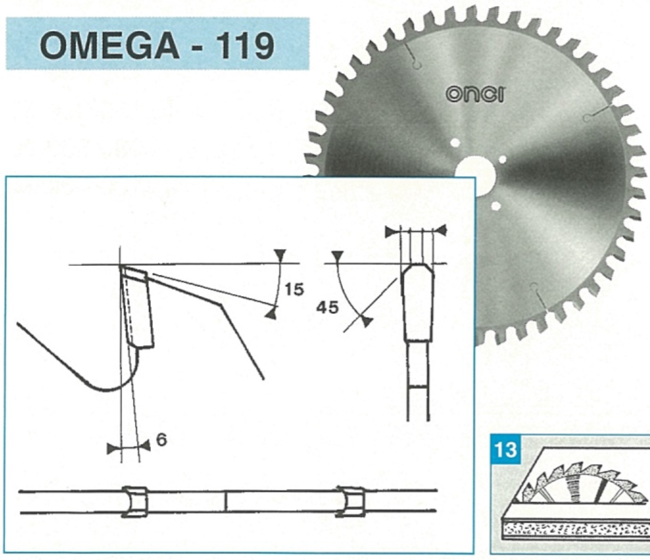
Sawing work : FINISHING



Ø D	T	t	Z	Ø d		Slots	o◯o				CODE
220	3.2	2.2	48	30		4	DUO				118 220 30
250	3.2	2.2	60	30		4	DUO				118 250 30
300	3.2	2.2	72	30		6	DUO				118 300 30

F 12 GT

OMEGA - 119

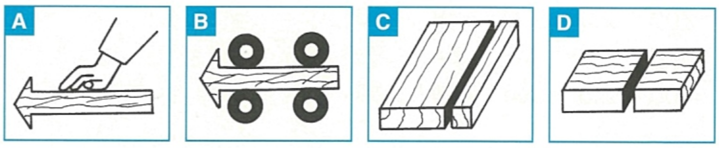


DESIGNATION :

PANEL SIZING SAW BLADES

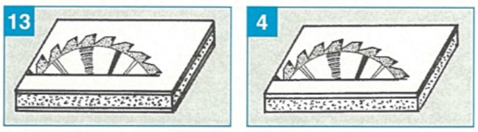
NEGATIVE RAKE ANGLE 1 HOLLOW TOOTH AND
1 INVERTED-V-TOOTH

USE :

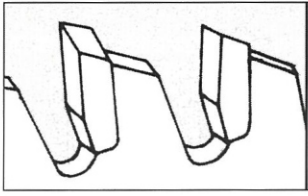


Veneered boards with synthetic resin.
Thermoplastic or duroplastics sheets, polyester...

Sawing work : FINISHING



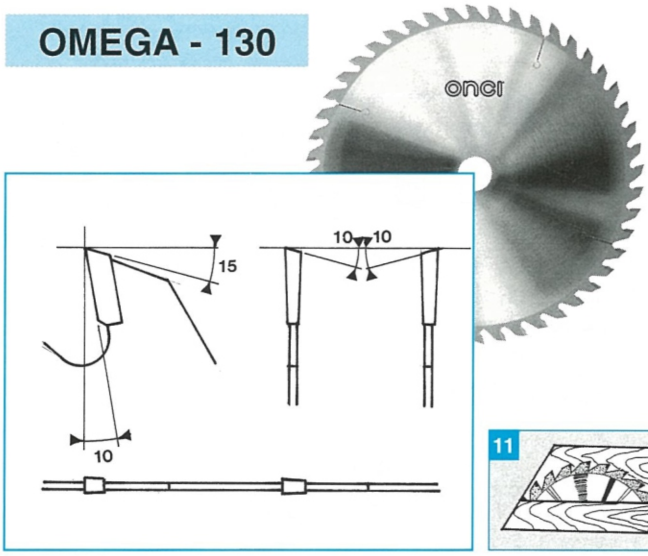
Ø D	T	t	Z	Ø d		Slots	o◯o				CODE
220	3.2	2.2	48	30		4	DUO				119 220 30
250	3.2	2.2	60	30		4	DUO				119 250 30
300	3.2	2.2	72	30		6	DUO				119 300 30
350	3.2	2.2	84	30		6					119 350 30
400	3.6	2.5	96	30		6					119 400 30



T.C.T.
CIRCULAR SAW BLADES

F 20 MB

OMEGA - 130

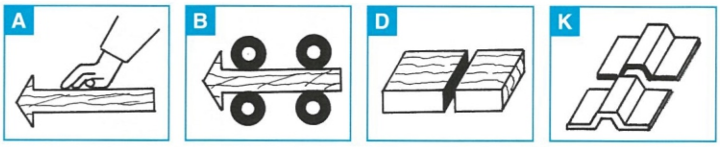


DESIGNATION :

T.C.T. CIRCULAR SAW BLADE FOR THIN KERF

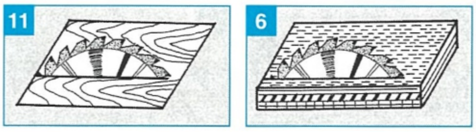
ALTERNATIVE TOP BEVEL TEETH

USE :

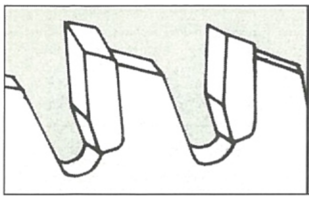


Laminated panels, veneered boards.
The flanges must have a diameter at least equal to one-third the blade diameter

Sawing work : FINISHING



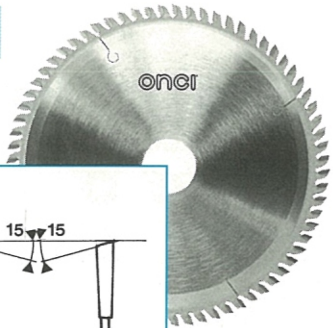
Ø D	T	t	Z	Ø d		Slots					CODE
150	2.0	1.2	24	30		3					130 150 30
150	2.0	1.2	24	50		3					130 150 50
160	2.0	1.2	24	30		3					130 160 30
160	2.0	1.2	24	50		3					130 160 50
180	2.0	1.2	30	30		3					130 180 30
180	2.0	1.2	30	50		3					130 180 50
200	2.0	1.2	32	30		4					130 200 30
200	2.0	1.2	32	50		4					130 200 50
250	2.0	1.2	40	30		4					130 250 30
300	2.5	1.6	48	30		4					130 300 30
350	2.5	1.6	54	30		6					130 350 30
400	2.5	1.6	60	30		6					130 400 30

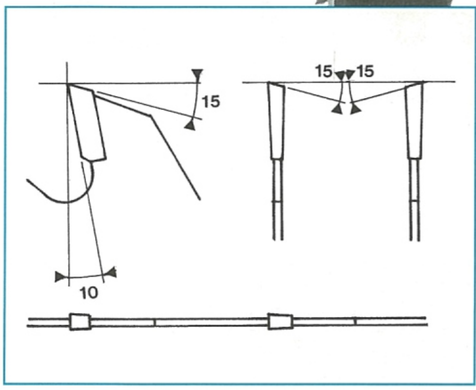


T.C.T.
CIRCULAR SAW BLADES

F 10 MB

OMEGA - 131



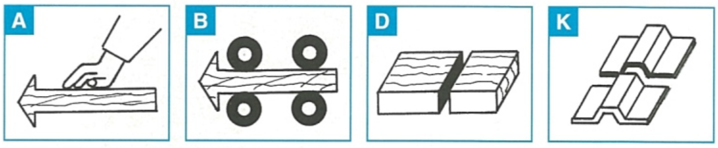


DESIGNATION :

T.C.T. CIRCULAR SAW BLADES FOR THIN KERF

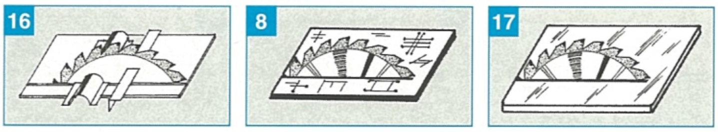
ALTERNATIVE TOP BEVEL TEETH

USE :



For extrusions with thin cross-sectional areas.
(Plexiglass, altuglass panels, cardboard, plastics).
The flanges must have a diameter at least equal to one-third the blade diameter.

Sawing work : FINISHING



Ø D	T	t	Z	Ø d	Slots	CODE
150	2.0	1.2	48	30	4	131 150 30
150	2.0	1.2	48	50	4	131 150 50
160	2.0	1.2	48	30	4	131 160 30
160	2.0	1.2	48	50	4	131 160 50
180	2.0	1.2	56	30	4	131 180 30
180	2.0	1.2	56	50	4	131 180 50
200	2.0	1.2	64	30	4	131 200 30
200	2.0	1.2	64	50	4	131 200 50
250	2.0	1.2	80	30	4	131 250 30
300	2.5	1.6	96	30	4	131 300 30
350	2.5	1.6	108	30	6	131 350 30
400	2.5	1.6	120	30	6	131 400 30

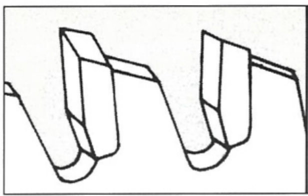
F 8 MB

OMEGA - 132

USE :

For extrusions with very thin cross-sectional areas.
Copper-plated boards. Plexiglass, plastics.
The flanges must have a diameter at least equal to one-third the blade diameter.

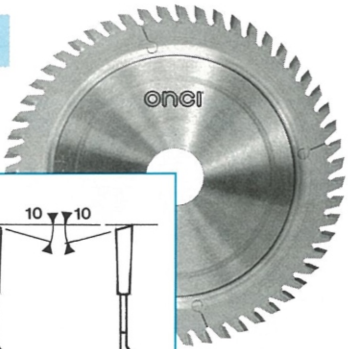
160	2.2	1.6	60	30	4	132 160 30
180	2.2	1.6	72	30	4	132 180 30
200	2.2	1.6	80	30	4	132 200 30
250	2.2	1.6	100	30	4	132 250 30
300	2.2	1.6	120	30	5	132 300 30

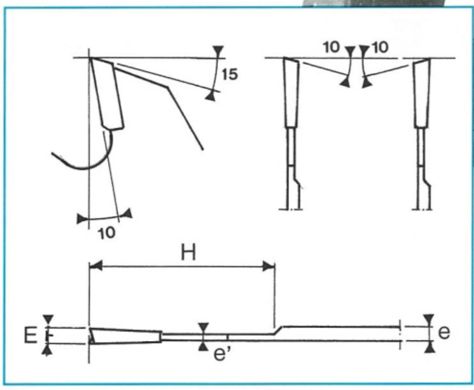


T.C.T.
CIRCULAR SAW BLADES

F 20 EMB

OMEGA - 133



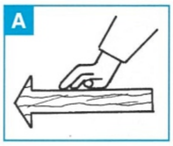


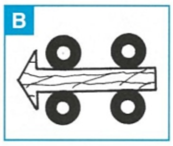
DESIGNATION :

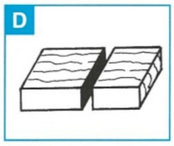
T.C.T. CIRCULAR SAW BLADE FOR EXTRA THIN KERF

ALTERNATIVE TOP BEVEL TEETH

USE :

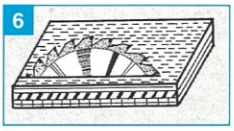


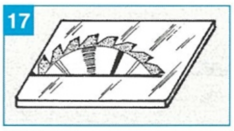




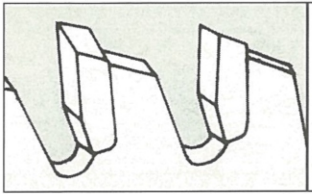
For decorative boards, laminated boards or plastic materials.

Sawing work : FINISHING





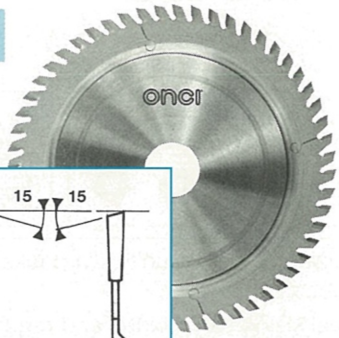
Ø D	T	t'	t	Z	Ø d	Slots	o◯o	H			CODE
150	1.5	0.9	2.0	24	30	3		25			133 150 30
160	1.5	0.9	2.0	24	30	3		25			133 160 30
180	1.5	0.9	2.0	30	30	3		26			133 180 30
200	1.5	0.9	2.0	32	30	4		30			133 200 30
250	1.5	0.9	2.2	40	30	4		37			133 250 30
300	1.5	0.9	2.2	48	30	4		45			133 300 30
350	1.8	1.2	2.2	54	30	6		52			133 350 30
400	1.8	1.2	2.5	60	30	6		60			133 400 30

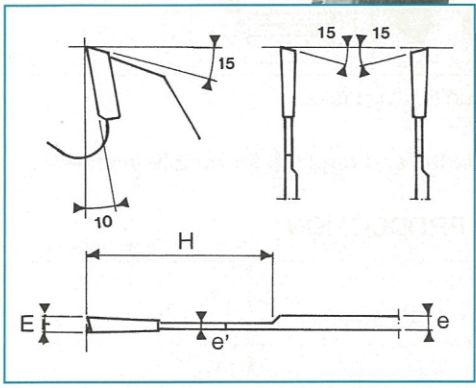


T.C.T.
CIRCULAR SAW BLADES

F 10 EMB

OMEGA - 134



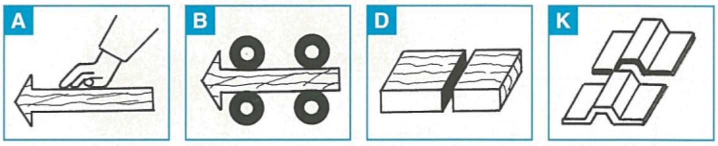


DESIGNATION :

T.C.T. CIRCULAR SAW BLADE FOR EXTRA THIN KERF

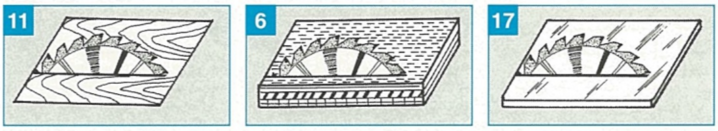
ALTERNATIVE TOP BEVEL TEETH

USE :

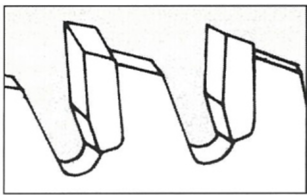


For decorative boards, laminated boards or plastic materials.

Sawing work : FINISHING



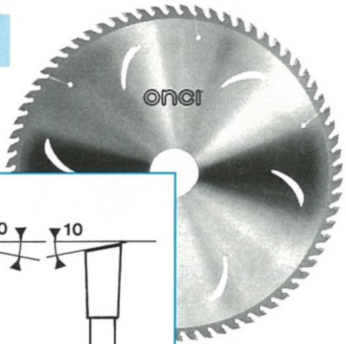
Ø D	T	t'	t	Z	Ø d	Slots	o ◯ o	H			CODE
150	1.5	0.9	2.0	48	30	3		25			134 150 30
160	1.5	0.9	2.0	48	30	3		25			134 160 30
180	1.5	0.9	2.0	56	30	4		26			134 180 30
200	1.5	0.9	2.0	64	30	4		30			134 200 30
250	1.5	0.9	2.2	80	30	4		37			134 250 30
300	1.5	0.9	2.2	96	30	6		45			134 300 30
350	1.8	1.2	2.2	108	30	6		52			134 350 30
400	1.8	1.2	2.5	120	30	6		60			134 400 30

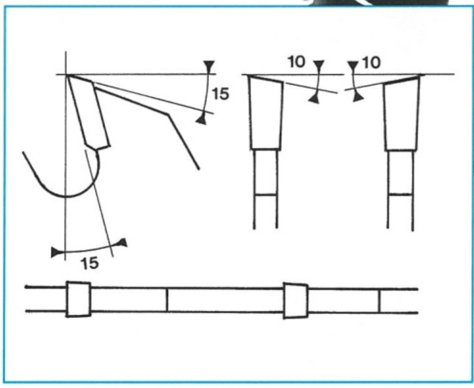


T.C.T.
CIRCULAR SAW BLADES

F 40 MFB

OMEGA - 120



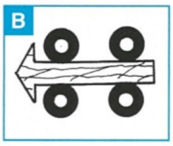


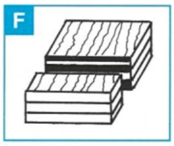
DESIGNATION :

T.C.T. PANEL SIZING SAW BLADES

ALTERNATIVE TOP BEVEL

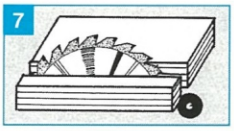
USE :

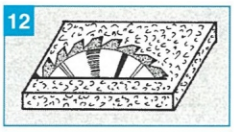




Panel sizing cutting in unit or in packs.
Particleboards raw..
For panel sizing saw blades and required for double tenoners.

Sawing work : HIGH PRODUCTION

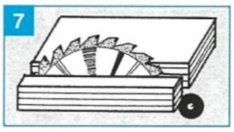


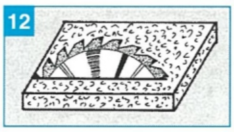


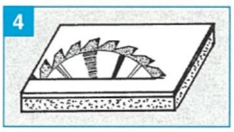
Ø D	T	t	Z	Ø d		Slots	o◯o			MACHINES	CODE
550	5.0	3.5	48	30		6		6			120 550 30
550	5.0	3.5	48	80		6		6		TEUTOMATIC	120 550 80
630	6.2	4.0	48	40		6		6		SCHELLING	120 630 40
650	6.2	4.0	48	40		6		6		SCHELLING	120 650 40

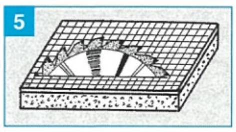
F 30 MFB

OMEGA - 121

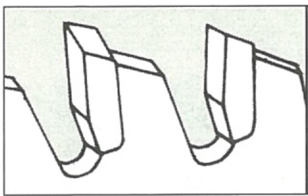








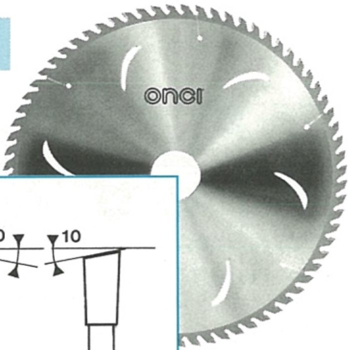
Ø D	T	t	Z	Ø d		Slots	o◯o			MACHINES	CODE
430	4.4	3.0	54	80		6				SMA	121 430 80
450	4.4	3.0	54	30		6		6			121 450 30
500	4.4	3.0	60	30		6		6		SCHELLING	121 500 30
500	4.4	3.0	60	80		6		6		TEUTOMATIC	121 500 80
550	5.0	3.5	60	30		6		6			121 550 30
550	5.0	3.5	60	80		6		6		TEUTOMATIC - SCHWABEDISSEN	121 550 80
600	6.2	4.0	60	80		6		6		SMA	121 600 80

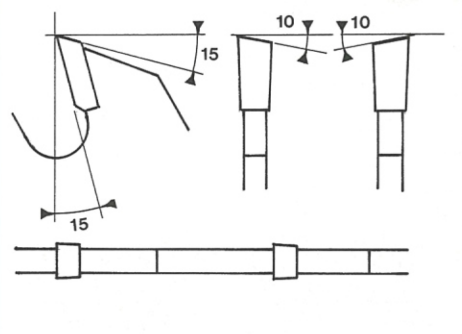


T.C.T.
CIRCULAR SAW BLADES

F 20 MFB

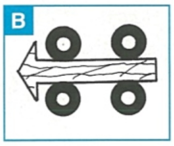
OMEGA - 122

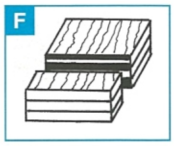




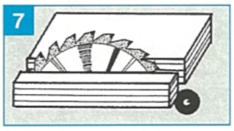
DESIGNATION :
T.C.T. PANEL SIZING SAW BLADES
ALTERNATIVE TOP BEVEL

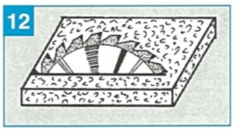
USE :

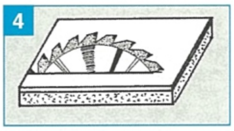


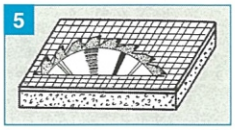


Panel sizing cutting in unit or in packs.
Particleboards raw.
Particleboards veneered on one side
For panel sizing saw blades and required for double tenoners.
Sawing work : HIGH PRODUCTION







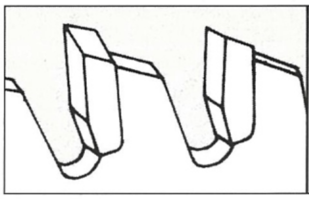


Ø D	T	t	Z	Ø d		Slots				MACHINES	CODE
305	4.4	3.0	48	30		4				PANHANS	122 305 30
350	4.4	3.0	54	30		6				SCM - PANHANS	122 350 30
355	4.4	3.0	54	30		6					122 355 30
355	4.4	3.0	54	80		6				SMA - SMID	122 355 80
400	4.4	3.0	60	30		6				SCHELLING-TEUTOMATIC-JRION	122 400 30
400	4.4	3.0	60	80		6				SMA - STETON	122 400 80
420	4.4	3.0	72	30		6					122 420 30
430	4.4	3.0	72	30		6					122 430 30
430	4.4	3.0	72	80		6				SCHWABEDISSEN - SMA	122 430 80
450	4.4	3.0	72	30		6		6			122 450 30
450	4.4	3.0	72	80		6		6		SMA - JRION	122 450 80
500	4.4	3.0	72	30		6		6			122 500 30

F 15 MFB

OMEGA - 123

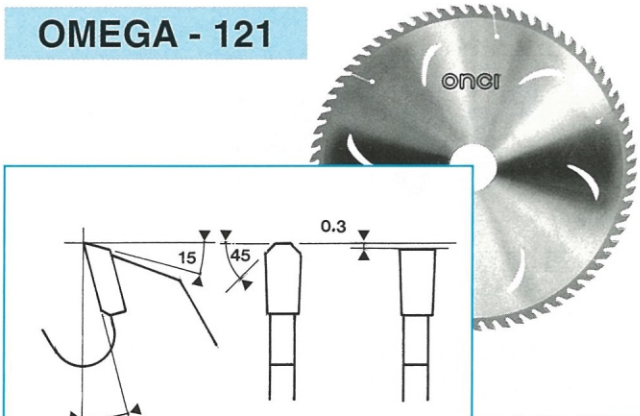
Ø D	T	t	Z	Ø d		Slots				MACHINES	CODE
250	4.4	2.8	48	30		4					123 250 30
300	4.4	3.0	60	30		4					123 300 30
350	4.4	3.0	72	30		6					123 350 30
350	4.4	3.0	72	80		6					123 350 80
355	4.4	3.0	72	30		6				SCHELLING	123 355 30
355	4.4	3.0	72	80		6					123 355 80
400	4.4	3.0	72	30		6				SCHELLING - TEUTOMATIC	123 400 30
400	4.4	3.0	72	80		6				SMA - SCHWABEDISSEN	123 400 80



T.C.T.
CIRCULAR SAW BLADES

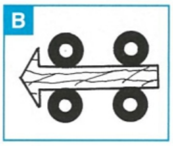
F 30 MFTP

OMEGA - 121



DESIGNATION :
T.C.T. PANEL SIZING SAW BLADES
1 TRAPEZOÏDAL TOOTH, 1 FLAT TOOTH

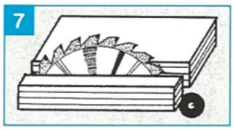
USE :

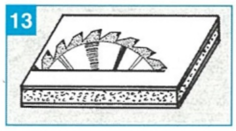


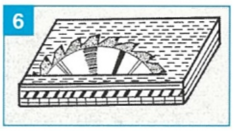
Panel sizing cutting in unit or in packs. Particleboards melamine faced on both sides. Treated and compressed panels, cement compound board.

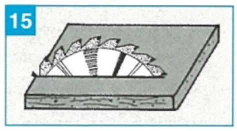
For panel sizing saw blades and required for double tenoners.

Sawing work : FINISHING

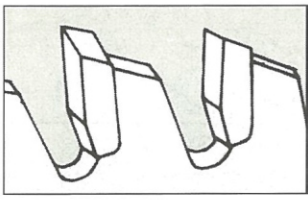








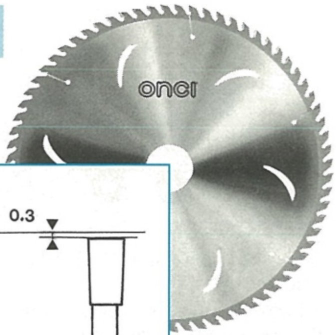
Ø D	T	t	Z	Ø d		Slots	o◯o			MACHINES	CODE
450	4.4	3.0	54	30		6		6			121 450 31
500	4.4	3.0	60	30		6		6		SCHELLING	121 500 31
500	4.4	3.0	60	75		6		6		GIBEN	121 500 76
500	4.4	3.0	60	80		6		6		TEUTOMATIC	121 500 81
500	4.8	3.5	60	60		6		6		HOLZMA - ANTHON	121 500 61
520	4.8	3.5	60	60		6		6		HOLZMA	121 520 61
530	5.0	3.5	60	30		6		6		SCHELLING	121 530 31
550	5.0	3.5	60	80		6		6		TEUTOMATIC	121 550 81
570	4.8	3.5	60	60		6		6		HOLZMA	121 570 61
630	6.2	4.0	60	40		6		6		SCHELLING	121 630 41
650	6.2	4.0	60	40		6		6		SCHELLING	121 650 41
670	5.8	4.0	60	60		6		6		HOLZMA	121 670 61
700	6.2	4.4	60	80		6	1/17/110	6		ANTHON	121 700 81

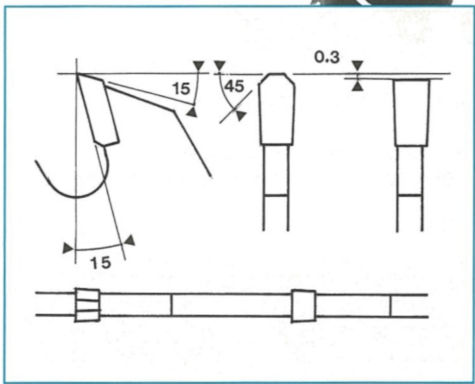


T.C.T.
CIRCULAR SAW BLADES

F 20 MFTP

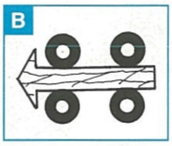
OMEGA - 122

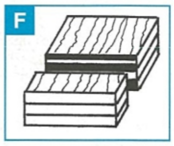




DESIGNATION :
T.C.T. PANEL SIZING SAW BLADES
1 TRAPEZOÏDAL TOOTH, 1 FLAT TOOTH

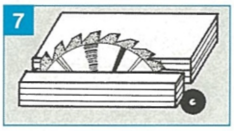
USE :

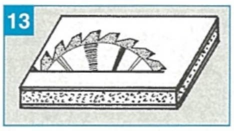


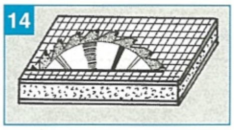


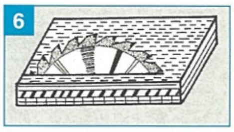
Panel sizing cutting in unit or in packs. Particleboards melamine faced on both sides.
Laminated stacks. Treated and compressed panels.
For panel sizing saw blades and required for double tenoners.

Sawing work : FINISHING

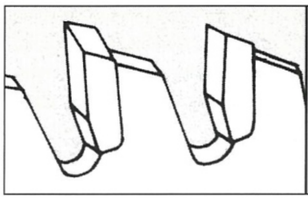








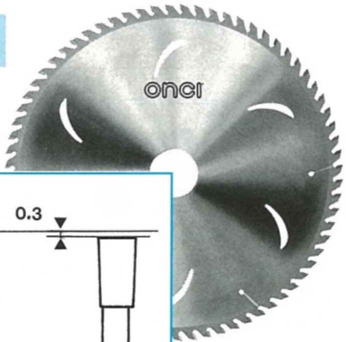
Ø D	T	t	Z	Ø d		Slots	o ○ o			MACHINES	CODE
350	4.4	3.0	54	30		6					122 350 31
355	4.4	3.0	54	30		6					122 355 31
355	4.4	3.0	54	75		6				GIBEN	122 355 76
400	4.4	3.0	60	30		6				SCHELLING	122 400 31
400	4.4	3.0	60	80		6	4/9/100 + 2/7/110			GABBIANI	122 400 81
420	4.4	3.0	72	30		6					122 420 31
420	4.8	3.5	72	60		6				HOLZMA	122 420 61
430	4.4	3.0	72	30		6					122 430 31
430	4.4	3.0	72	60		6	2/11/85			ANTHON	122 430 61
430	4.4	3.0	72	80		6	2/9/130			SELCO	122 430 81
450	4.4	3.0	72	30		6		6		PANHANS	122 450 31
450	4.4	3.0	72	80		6	2/9/130	6		SELCO - SMA	122 450 81
450	4.8	3.5	72	60		6		6		HOLZMA	122 450 32
500	4.4	3.0	72	30		6		6			122 500 31
500	4.4	3.0	72	80		6		6		TEUTOMATIC - SMA	122 500 81
500	4.8	3.5	72	60		6		6		ANTHON	122 500 61
550	5.0	3.5	72	100		6		6		GIBEN	122 550 11

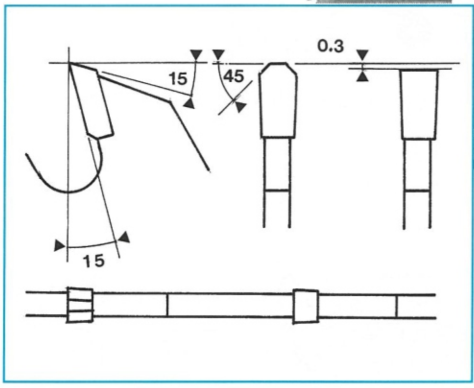


T.C.T.
CIRCULAR SAW BLADES

F 15 MFTP

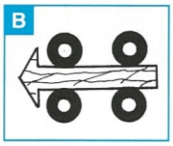
OMEGA - 123

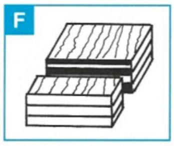




DESIGNATION :
T.C.T. PANEL SIZING SAW BLADES
1 TRAPEZOÏDAL TOOTH, 1 FLAT TOOTH.

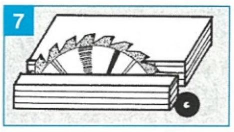
USE :

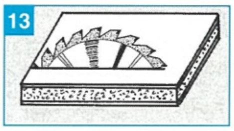


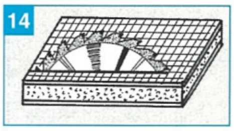


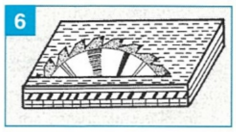
Panel sizing cutting in unit or in packs. Particleboards melamine faced on both sides.
Laminated stacks. Treated and compressed panels.
For panel sizing saw blades and required for double tenoners.

Sawing work : FINISHING





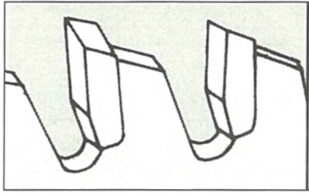




Ø D	T	t	Z	Ø d		Slots	o◯o			MACHINES	CODE
250	4.4	2.8	48	30		4					123 250 31
305	4.4	3.0	60	30		4				MAYER - PANHANS	123 305 31
350	4.4	3.0	72	30		6				SCM - PANHANS	123 350 31
350	4.4	3.0	72	75		6				EUROMAC	123 350 76
355	4.4	3.0	72	30		6					123 355 31
355	4.4	3.0	72	75		6				GIBEN	123 355 76
355	4.4	3.0	72	80		6				GABBIANI	123 355 81
380	4.8	3.5	72	60		6				HOLZMA	123 380 61
400	4.25	3.0	72	30		6				SCHEER	123 400 31
400	4.4	3.0	72	30		6				SCHEER	123 400 32
400	4.4	3.0	72	60		6	2/11/85			ANTHON	123 400 61
400	4.4	3.0	72	75		6	4/15/105			GIBEN	123 400 76
400	4.4	3.0	72	80		6	2/9/130			SELCO - SMA	123 400 81
400	4.4	3.0	72	80		6	4/9/100 + 2/7/110			GABBIANI	123 400 82
430	4.4	3.0	96	75		6				GIBEN	123 430 76
470	4.4	3.0	96	75		6	4/15/105	6		GIBEN PRISMATIC	123 470 76

FOR SCHEER MACHINE

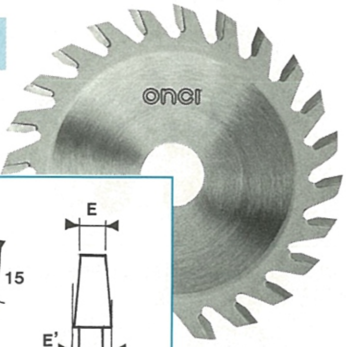
Ø D	T	t	Z	Ø d		Slots	o◯o			MACHINES	CODE
400	4.25	3.0	72	30		6				SCHEER	123 400 31
400	4.4	3.0	72	30		6				SCHEER	123 400 32

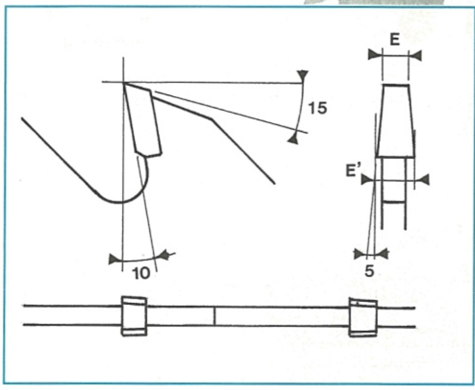


T.C.T.
CIRCULAR SAW BLADES

ICP

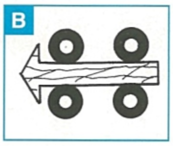
OMEGA - 124

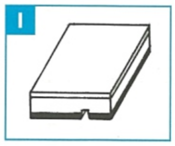




DESIGNATION :
T.C.T. SCORING SAW BLADES
FLAT CONICAL TEETH

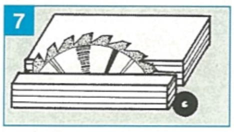
USE :

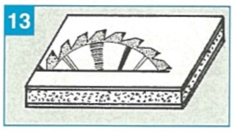


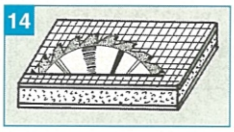


Scoring saw blades will have to fit the type of machine and MFB or MFTP saw blades.

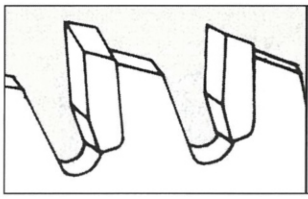
Sawing work : FINISHING







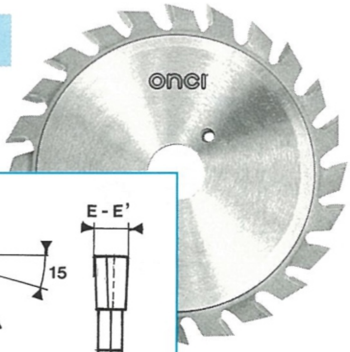
Ø D	T	T'	t	Z	Ø d		o◯o			MACHINES	CODE
80	3.2	5.0	2.2	12	20					CASADEI	124 080 20
100	3.2	5.0	2.2	20	20					SCHELLING	124 100 20
120	3.2	5.0	2.2	24	20						124 120 20
120	3.2	5.0	2.2	24	22						124 120 22
125	3.2	5.0	2.2	24	20						124 125 20
125	3.2	5.0	2.2	24	22						124 125 22
125	4.4	6.2	3.0	24	20					PANHANS	124 125 21
125	4.4	6.2	3.0	24	22					MARTIN	124 125 23
125	4.4	6.2	3.0	24	45					EUROMAC (EXACTA) - GIBEN	124 125 45
127	4.4	6.2	3.0	24	45					GIBEN	124 125 47
140	4.4	6.2	3.0	24	45					EUROMAC (VIVA)	124 140 45
140	3.2	5.0	2.2	32	16		2/7.5/31.5			SCHEER	124 140 16
150	4.4	6.2	3.0	24	20					SCHELLING	124 150 20
150	4.4	6.2	3.0	24	30					SCM	124 150 30
160	4.4	6.2	3.0	28	45		3/11/70			GIBEN	124 160 45
160	4.4	6.2	3.0	36	55		3/7/66			GABBIANI	124 160 55
175	4.8	6.6	3.5	28	45					HOLZMA	124 175 45
180	3.2	5.0	2.2	42	16		2/7.5/31.5			SCHEER	124 180 16
180	4.4	6.2	3.0	28	20					ANTHON - SCHELLING	124 180 20
180	6.2	8.0	4.4	28	20					ANTHON	124 180 21
180	5.2	7.0	3.5	28	55					GIBEN MATIC	124 180 55
200	4.4	6.2	3.0	36	20					SCHELLING	124 200 20
200	4.4	6.2	3.0	36	30					PANHANS-SCHEER-SMA	124 200 30
200	4.4	6.2	3.0	36	65		2/9/110			SELCO	124 200 65
200	4.8	6.6	3.5	36	45					HOLZMA	124 200 45
200	5.0	6.8	3.5	36	20					SCHELLING	124 200 20
200	5.8	7.6	4.0	36	45					HOLZMA	124 200 46
200	6.2	8.0	4.0	36	20					SCHELLING	124 200 20
215	4.4	6.2	3.0	42	50		3/15/80			GIBEN PRISMATIC	124 215 50
300	4.4	6.2	3.0	48	50		3/15/80			GIBEN PRISMATIC	124 300 50

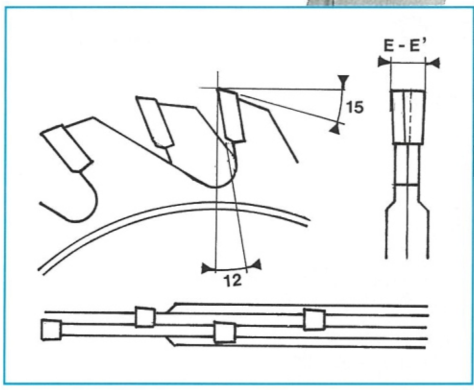


T.C.T.
CIRCULAR SAW BLADES

I 2 P

OMEGA - 125



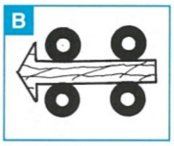


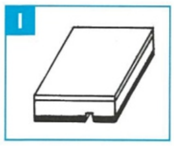
DESIGNATION :

ADJUSTABLE T.C.T. SCORING SAW BLADES

FLAT CONICAL TEETH

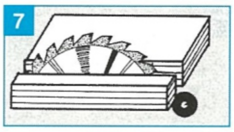
USE :

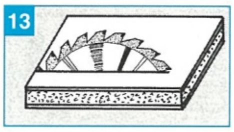


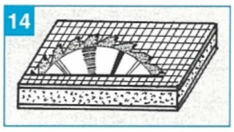


T.C.T. Scoring saw blades will have to fit the type of machine and MFB or MFTP saw blades.

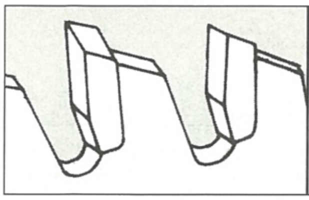
Sawing work : FINISHING







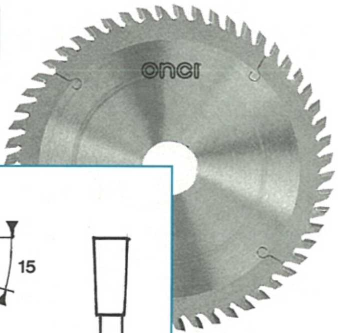
Ø D	T	T'	t	Z	Ø d		o◯o			MACHINES	CODE
80	2.8	3.6	2.0	2x10	20					CASADEI	125 080 20
86	2.8	3.6	2.0	2x12	20					LUREM	125 086 20
100	2.8	3.8	2.0	2x12	20					MARTIN - SCHELLING	125 100 20
100	2.8	3.8	2.0	2x12	22					ALTENDORF-PANHANS	125 100 22
120	2.8	3.8	2.0	2x12	20					HOLZHER - SCM	125 120 20
120	2.8	3.8	2.0	2x12	22					ALTENDORF-MARTIN	125 120 22
160	2.8	3.8	2.0	2x16	20						125 160 20
160	2.8	3.8	2.0	2x16	30					BAUERLE	125 160 30
180	2.8	3.8	2.0	2x18	30					KOELLE	125 180 30
180	4.4	5.6		2x20	45					HOLZMA	125 180 45
290	4.4	5.6		2x24	45					HOLZMA	125 290 45
320	4.4	5.6		2x24	45					HOLZMA	125 320 45
340	4.4	5.6		2x24	45					HOLZMA	125 340 45

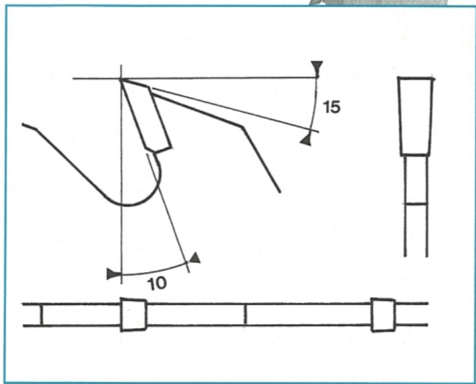


T.C.T.
CIRCULAR SAW BLADES

I P P

OMEGA - 126



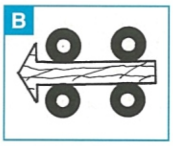


DESIGNATION :

T.C.T. SCORING SAW BLADES

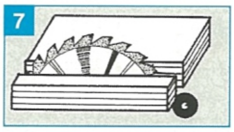
FLAT TEETH

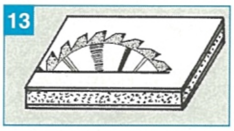
USE :

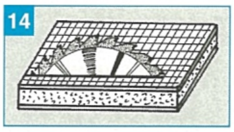


To score MDF laminated and melamine boards

Sawing work : FINISHING

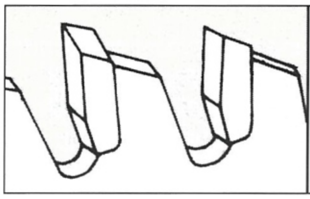






Ø D	T	t	Z	Ø d		Slots					CODE
150	3.2	2.2	30	40		3					126 150 40
150	3.6	2.5	30	50		3		1/8.5 x 8.5			126 150 50
150	3.2	2.2	36	30		4					126 150 30
150	3.2	2.2	36	55		4					126 150 55
150	3.2	2.2	48*	30		4					126 150 31
150	3.2	2.2	48	40		4					126 150 41
150	3.2	2.2	48	55		4					126 150 56
180	3.2	2.2	36	30		4					126 180 30
180	3.2	2.2	48	30		4					126 180 31
180	3.2	2.2	54*	30		6					126 180 32
200	3.2	2.2	42	30		6					126 200 30
200	3.2	2.2	64*	30		4					126 200 31
200	3.2	2.2	64	30		4					126 200 32
200	3.2	2.2	64	60		4					126 200 60

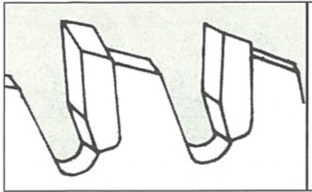
* ALTERNATIVE TOP BEVEL TEETH



T.C.T.
CIRCULAR SAW BLADES

Panel sizing saw blades ⟶ Table with main blade and scoring saw blades corresponding

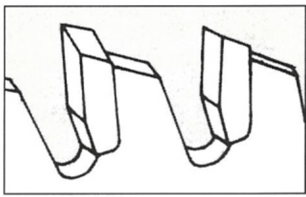
Machine type	Main blade						Scoring saw blade corresponding						
	Type	Ø D	T	Z	Ø d	Code	Type	Ø D	T	T'	Z	Ø d	Code
	F15 MFTP	400	4.4	72	60 E	123 400 61	ICP	180	4.4	6.2	28	20	124 180 20
ANTHON	F20 MFTP	430	4.4	72	60 E	122 430 61	ICP	180	4.4	6.2	28	20	124 180 20
	F30 MFTP	700	6.2	60	80 E	121 700 81	ICP	180	6.2	8.0	28	20	124 180 21
GABBIANI	F20 MFTP	400	4.4	60	80 E	122 400 81	ICP	160	4.4	6.2	36	55 E	124 160 55
	F15 MFTP	355	4.4	72	75	123 355 76	ICP	125	4.4	6.2	24	45	124 125 45
	F20 MFTP	355	4.4	54	75	122 355 76	ICP	125	4.4	6.2	24	45	124 125 45
	F15 MFTP	400	4.4	72	75 E	123 400 76	ICP	160	4.4	6.2	28	45 E	124 160 45
	F15 MFTP	430	4.4	96	75	123 430 75	ICP	215	4.4	6.2	42	50 E	124 215 50
GIBEN							ICP	300	4.4	6.2	48	50 E	124 300 50
	F15 MFTP	470	4.4	96	75 E	123 470 76	ICP	215	4.4	6.2	42	50 E	125 215 50
							ICP	300	4.4	6.2	48	50 E	124 300 50
	F30 MFTP	500	4.4	60	75	121 500 76	ICP	125	4.4	6.2	24	45	124 125 45
	F20 MFTP	550	5.0	72	100	122 550 11	ICP	180	5.2	7.0	28	55	124 180 55
	F15 MFTP	380	4.8	72	60	123 380 61	ICP	200	4.8	6.6	36	45	124 200 45
							I2P	340	4.4	5.6	2x24	45	125 340 45
	F20 MFTP	420	4.8	72	60	122 420 61	ICP	200	4.8	6.6	36	45	124 200 45
							I2P	340	4.4	5.6	2x24	45	125 340 45
	F20 MFTP	450	4.8	72	60	122 450 32	ICP	200	4.8	6.6	36	45	124 200 45
							I2P	340	4.4	5.6	2x24	45	125 340 45
HOLZMA	F30 MFTP	500	4.8	60	60	121 500 61	ICP	200	4.8	6.6	36	45	124 200 45
							I2P	340	4.4	5.6	2x24	45	125 340 45
	F30 MFTP	520	4.8	60	60	121 520 61	ICP	200	4.8	6.6	36	45	124 200 45
							I2P	340	4.4	5.6	2x24	45	125 340 45
	F30 MFTP	570	4.8	60	60	121 570 61	ICP	200	4.8	6.6	36	45	124 200 45
							I2P	340	4.4	5.6	2x24	45	125 340 45
	F30 MFTP	670	5.8	60	60	121 670 61	ICP	200	5.8	7.6	36	45	124 200 46
S.C.M. - PANHANS	F15 MFTP	350	4.4	72	30	123 350 31	ICP	125	4.4	6.2	24	20	124 125 21
	F15 MFB	355	4.4	72	30	123 355 30	ICP	150	4.4	6.2	24	20	124 150 20
SCHELLING	F20 MFB	400	4.4	60	30	122 400 30	ICP	150	4.4	6.2	24	20	124 150 20
	F20 MFTP	400	4.4	60	30	122 400 31	ICP	150	4.4	6.2	24	20	124 150 20
	F15 MFB	400	4.4	72	30	123 400 30	ICP	150	4.4	6.2	24	20	124 150 20



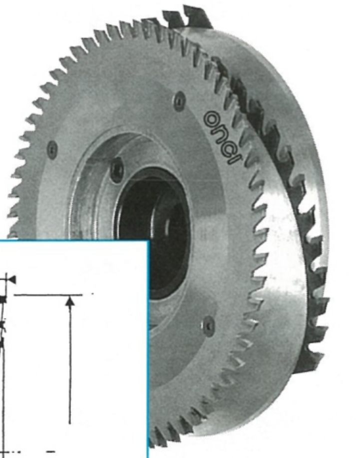
T.C.T.
CIRCULAR SAW BLADES

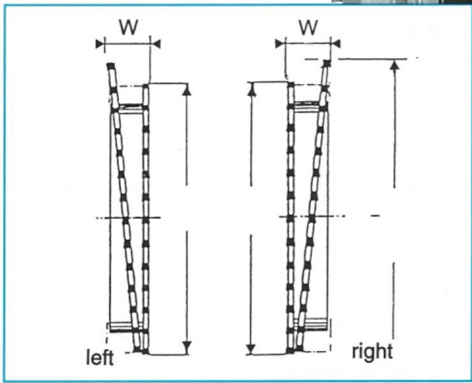
Panel sizing saw blades ⟶ Table with main blade and scoring saw blades corresponding

Machine Tyoe	Main blade						Scoring saw blades corresponding						
	Type	Ø D	T	Z	Ø d	Code	Type	Ø D	T	T'	Z	Ø d	Code
SCHELLING	F30 MFB	500	4.4	60	30	121 500 30	ICP	180	4.4	6.2	28	20	124 180 20
	F30 MFTP	500	4.4	60	30	121 500 31	ICP	180	4.4	6.2	28	20	124 180 20
	F30 MFTP	530	5.0	60	30	121 530 31	ICP	200	5.0	6.8	36	20	124 200 20
	F30 MFTP	630	6.2	60	40	121 630 41	ICP	200	6.2	8.0	36	20	124 200 21
	F40 MFB	630	6.2	48	40	120 630 40	ICP	200	6.2	8.0	36	20	124 200 21
	F30 MFTP	650	6.2	60	40	121 650 41	ICP	200	6.2	8.0	36	20	124 200 21
	F40 MFB	650	6.2	48	40	120 650 40	ICP	200	6.2	8.0	36	20	124 200 21
SELCO	F15 MFTP	400	4.4	72	80 E	123 400 81	ICP	200	4.4	6.2	36	65 E	124 200 65
	F20 MFTP	430	4.4	72	80 E	122 430 81	ICP	200	4.4	6.2	36	65 E	124 200 65
	F20 MFTP	450	4.4	72	80 E	122 450 81	ICP	200	4.4	6.2	36	65 E	124 200 65

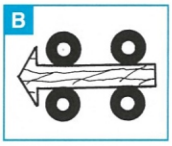


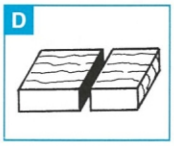
CARBIDE
SEGMENTS HOGGING SET

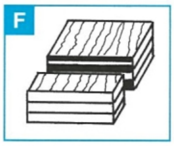




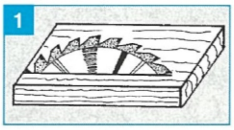
DESIGNATION :
CARBIDE SEGMENTS HOGGING SET
LOW-ALLOYED BODY
HOGGING SET TOOL CONSISTS OF : T.C.T. SAW BLADE WITH HOGGING SET ASSEMBLED
USE :

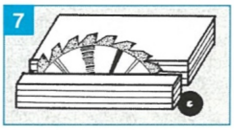






Use (Unit or double) for hogging veneered or without wood panels, laminated or melamine boards.
For the accross cutting solid wood.





A TOTAL HOGGING SET TOOL CONSISTS OF :

1 Right hogging set - 1 Left hogging set

EVERY HOGGING SET TOOL CONSISTS OF :

1 Ripping circular saw blades - 1 Low-alloyed body set with segments to hog.
Segments set in steps for Ø 250 - 300 - 350 - Width : 30 - 50
Segments set in a circular way for Ø 200 - 250 - Width : 30 - 56 - 80 - 100.
Sometimes set with a clamping sleeve according to the machine type and to the hogging width.

TYPE A

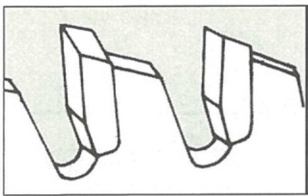
OMEGA - 150

WIDTH 30 - Segments in steps

HOGGER						+ RIPPING SAW BLADES			CODE
Ø D MINI	Ø D MAXI	W	Nb of segments	Z per segment	Ø d	Ø D	T	Z	
250	260	30	4	7	60	255	4	60-4	150 250 60
250	260	30	4	7	80	255	4	60-4	150 250 80
250	260	30	4	7	60	255	4	80-4	150 250 61
250	260	30	4	7	80	255	4	80-4	150 250 81
300	310	30	6	7	60	305	4	48	150 300 60
300	310	30	6	7	80	305	4	48	150 300 80
300	310	30	6	7	60	305	4	72-6	150 300 61
300	310	30	6	7	80	305	4	72-6	150 300 81
350	360	30	8	7	60	350	4	56	150 350 60
350	360	30	8	7	80	350	4	56	150 350 80
350	360	30	8	7	60	350	4	80-8	150 350 61
350	360	30	8	7	80	350	4	80-8	150 350 81

HOGGERS WITH A BORE : 80 CAN BE SET ON CLAMPING SLEEVES WITH BORES : 35 AND 40.

OTHER DIMENSIONS ON REQUEST



CARBIDE
SEGMENTS HOGGING SET

TYPE B

WIDTH 50 - Segments in steps

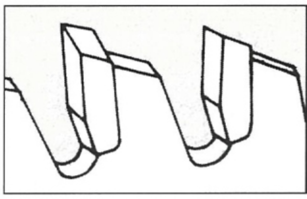
OMEGA - 151

HOGGER						+ RIPPING SAW BLADES			CODE
Ø D MINI	Ø D MAXI	L	Nb of segments	Z per segment	Ø d	Ø D	T	Z	
250	275	50	3	13	60	255	4	40	151 250 60
250	275	50	3	13	80	255	4	40	151 250 80
250	275	50	3	13	60	255	4	60	151 250 61
250	275	50	3	13	80	255	4	60	151 250 81
250	275	50	3	13	60	255	4	80	151 250 62
250	275	50	3	13	80	255	4	80	151 250 82
300	325	50	4	13	60	305	4	48	151 300 60
300	325	50	4	13	80	305	4	48	151 300 80
300	325	50	4	13	60	305	4	72	151 300 61
300	325	50	4	13	80	305	4	72	151 300 81
350	375	50	4	12	60	350	4	56	151 350 60
350	375	50	4	12	80	350	4	56	151 350 80
350	375	50	4	12	60	350	4	80	151 350 61
350	375	50	4	12	80	350	4	80	151 350 81

SEGMENTS

OMEGA - 153

Ø D	T	Nb of holes	Z	FOR HOGGERS	CODE
200	4	3	7	Type C	153 200 73
250	4	2	7	Type A and C	153 250 72
250	4	3	7	Type A B C	153 250 73
250	4	3	13	Type B	153 250 13
300	4	2	7	Type A and C	153 300 72
300	4	3	7	Type A B C	153 300 73
300	4	3	13	Type B	153 300 13
350	4	2	7	Type A C	153 350 72
350	4	3	7	Type A B C	153 350 73
350	4	3	12	Type B	153 350 12

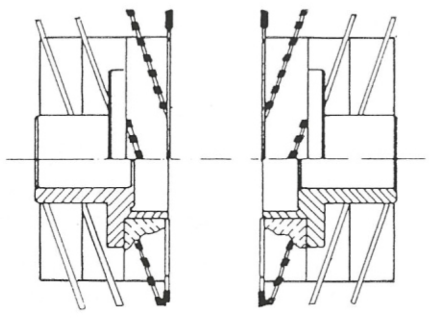


CARBIDE
SEGMENTS HOGGING SET

TYPE C

OMEGA - 152

WIDTH 30 - 56 - 80 - 100 - Segments in circular way



DESIGNATION :

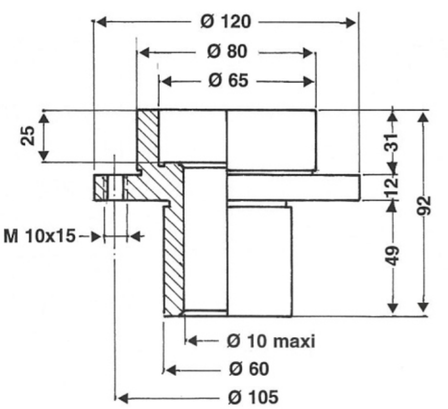
CARBIDE SEGMENTS HOGGING SET MADE UP ONE OR SEVERAL ITEMS ACCORDING TO THE HOGGING WIDTH.

LOW-ALLOYED COMPONENTS ARE SET UP WITH SEGMENTS IN CIRCULAR WAY.

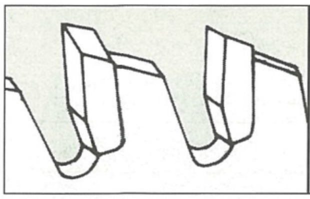
THE COMPONENTS AND THE RIPPING SAW BLADES ARE SET UP ON CLAMPING SLEEVES BORE 35 C OR 40 C.

HOGGER						+ RIPPING SAW BLADES			CODE
Ø D	L	Nb of components	Nb of segments	Z per segment	Ø d	Ø D	T	Z	
200	30	1	3	7	35 C	200	4	48	152 200 35
200	30	1	3	7	40 C	200	4	48	152 200 40
200	30	1	3	7	35 C	200	4	60	152 200 36
200	30	1	3	7	40 C	200	4	60	152 200 41
200	56	2	3 + 3	7	35 C	200	4	48	152 200 37
200	56	2	3 + 3	7	40 C	200	4	48	152 200 42
200	56	2	3 + 3	7	35 C	200	4	60	152 200 38
200	56	2	3 + 3	7	40 C	200	4	60	152 200 43
250	80	2	3 + 4	13 - 7	35 C	255	4	60-4	152 250 35
250	80	2	3 + 4	13 - 7	40 C	255	4	60-4	152 250 40
250	100	2	3 + 3	13	35 C	255	4	60	152 250 36
250	100	2	3 + 3	13	40 C	255	4	60	152 250 41

FLANGED REDUCING SLEEVES



Machine brand	Bore = mm	Key ways = mm	CODE
Homag	35	2 cl 10x4	007 416 35
Bimag - Böttcher & Gessner - Torwegge	35	2 cl 10x4	007 416 35
Wilmsmeyer	35	2 cl 10x4	007 416 35
Celaschi - Hüllhorst	35	1 cl 10x4	007 416 35
Torwegge	40	2 cl 12x4	007 416 40
Harbs	40	2 cl 12x4	007 416 40
Bäuerle - Schwabedissen	40	1 cl 12x5	007 416 40
Wadkin	30	1 cl 8x5,2	007 416 30
Gabbiani	40	1 cl 10x5	007 416 40
Dankaert - Spanevello - STDM	35	1 cl 10x5	007 416 35
Dimter	28	1 cl 8x3,5	007 416 28
Sauter	30	1 cl 8x3,5	007 416 30



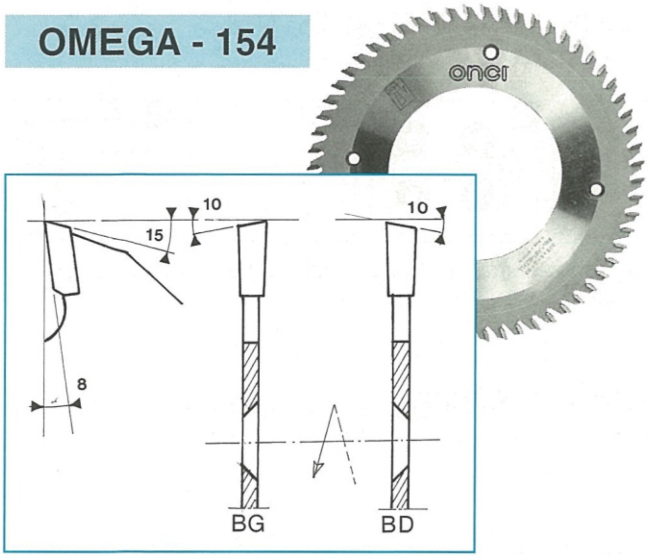
CARBIDE
SEGMENTS HOGGING SET

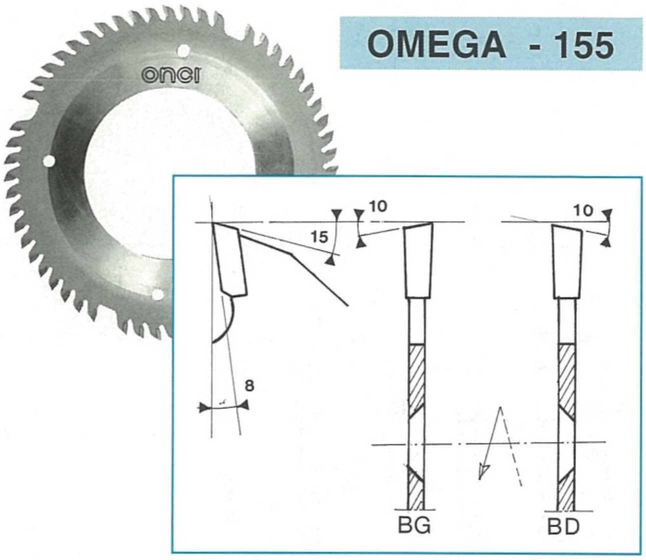
RIPPING SAW BLADES

OMEGA - 154

RIPPING SAW BLADES

OMEGA - 155



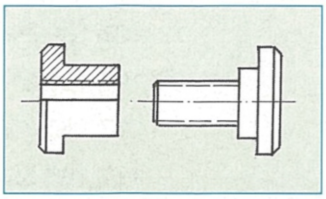


Ø D	T	t	Z	Ø d			◎ ○ ◎			For Hoggers	CODE
200	4.0		48	80			3			Type C	154 200 80
200	4.0		60	80			3			Type C	154 200 81
255	4.0		40	130			4			Types B and C	154 255 13
255	4.0		60	130			4			Types B and C	154 255 14
255	4.0		80	130			4			Types B and C	154 255 15
305	4.0		48	155			6			Types B and C	154 305 15
305	4.0		72	155			6			Types B and C	154 305 16
350	4.0		56	155			8			Types B and C	154 350 15
350	4.0		80	155			8				154 350 16

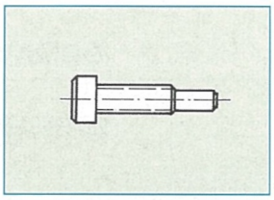
OMEGA - 155

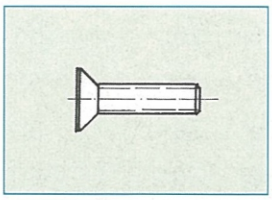
Ø D	T	t	Z	Ø d			◎ ○ ◎			For Hoggers	CODE
255	4.0		60-4	130			4			Types A and C	155 255 13
255	4.0		80-4	130			4			Types A and C	155 255 14
305	4.0		72-6	155			6			Types A and C	155 305 15
355	4.0		80-8	155			6			Types A and C	155 350 15

SCREW



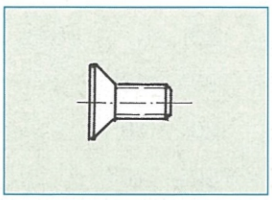
Segments centring
TYPE B
Code 007 234 20



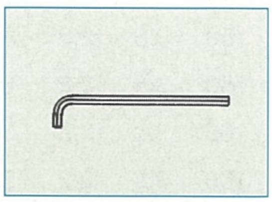


Screw to fit segments
TYPE B
Code 007 236 05

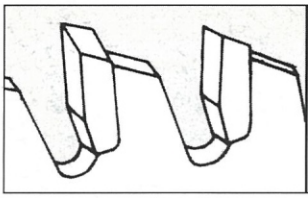
TYPES A et C
Code 007 232 06



Screw to fit blades
TYPES A-B-C
Code 007 238 06



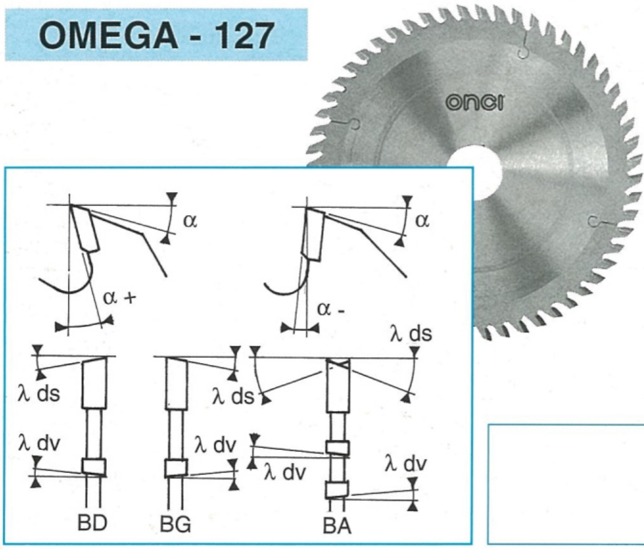
Wrench
Code 007 406 06



T.C.T.
CIRCULAR SAW BLADES

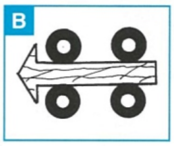
P. C

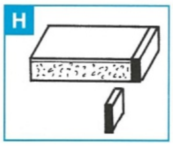
OMEGA - 127



DESIGNATION :
EDGE TRIMMING SAW BLADES
NEGATIVE AND POSITIVE RAKE ANGLES
BEVEL TEETH : RIGHT - LEFT - ALTERNATIVE

USE :

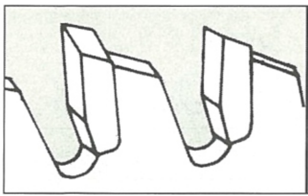




To cut wood veneered boards or plastic veneered boards on edge banding machines.

Sawing work : FINISHING

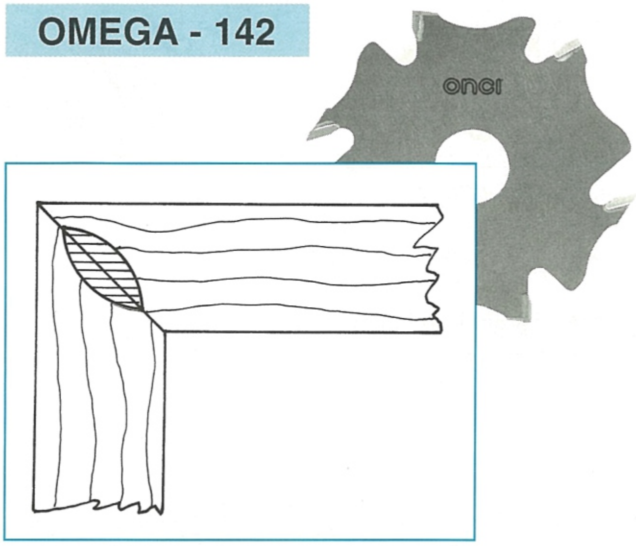
Ø D	T	t	Z	Ø d	α +	α -	BD λ ds	BG λ ds	BA λ ds	λ dv	MACHINES	CODE
100	3.0	2.2	20	32	8°		30°	30°		5°		127 100 32
100	3.2	2.2	20	32		6°	30°	30°		5°		127 100 33
100	3.6	2.2	30	32	10°				30°	5°	**WILMSMEYER**	127 100 34
150	3.2	2.2	48	32	10°				10°	5°		127 150 32
150	3.2	2.2	30	32	12°		15°	15°		5°		127 150 33
150	3.5	2.2	30	22		6°	15°	15°		5°	**IMA**	127 150 22
150	3.2	2.2	48	22	10°				10°	5°		127 150 23
100	3.2	2.2	20	16		6°	30°	30°		5°		127 100 16
140	3.2	2.2	36	16	10°				15°	5°	**OTT**	127 100 17
150	3.5	2.2	30	30		6°	15°	15°		5°		127 150 30
150	3.0	2.2	36	20	10°		30°	30°		5°	**BRANDT**	127 150 20
100	3.2	2.2	20	32		6°	30°	30°		5°		127 100 33
100	3.6	2.2	20	32	10°				30°	5°	**HOMAG**	127 100 34
120	3.2	2.2	20	32	10°				20°			127 120 32
160	3.2	2.2	24	20	10°				10°		**REICH**	127 160 20
160	3.2	2.2	48	20	10°				10°			127 160 21
150	3.5	2.2	30	20		6°	15°	15°		5°	**OCMAC**	127 150 20
150	3.5	2.2	30	20	10°		15°	15°		5°		127 150 21
150	3.0	2.2	36	20	10°		30°	30°		5°	**STEFANI**	127 150 30
100	3.2	2.2	20	32	10°		30°	30°		5°		127 100 35
100	3.2	2.2	20	32		6°	30°	30°		5°	**RAIMANN**	127 100 33
150	3.5	2.2	30	32	10°		15°	15°		5°		127 150 34
150	3.2	2.2	30	30	12°		15°	15°		5°	**IDM**	127 150 35



T.C.T.
CIRCULAR SAW BLADES

LAMELLO-DOUBLO

OMEGA - 141
OMEGA - 142

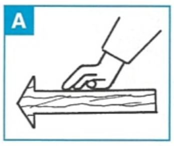


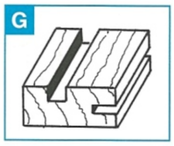
DESIGNATION :

T.C.T. GROOVING SAW BLADES

FLAT TEETH

USE :





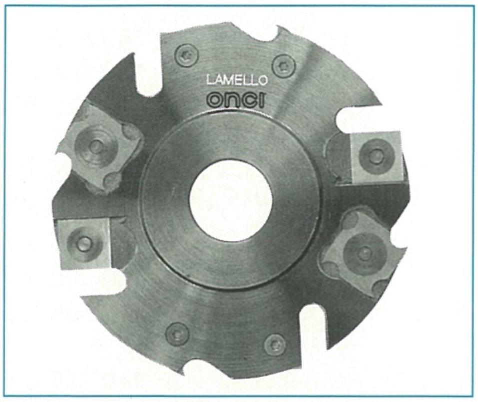
Grooves without splinters to assemble lamello

Sawing work : FINISHING

Ø D	T	t	Z	Ø d	MACHINES	CODE
100	3.97	3.0	4 + 2	22	LAMELLO	141 100 22
100	3.97	3.0	12	22	ELU-DOUBLO	142 100 22
105	3.97	3.0	12	20		142 105 20

LAMELLO-DOUBLO

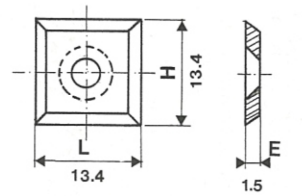
E - 101



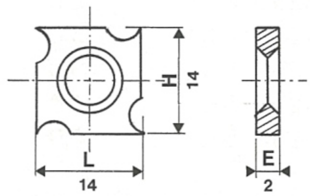
DESIGNATION :

CUTTERHEAD IN TURNBLADE DESIGN

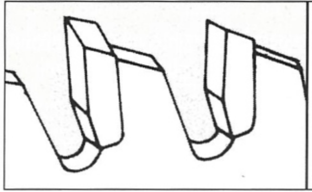
SCORERS : 4



RAKER : 4



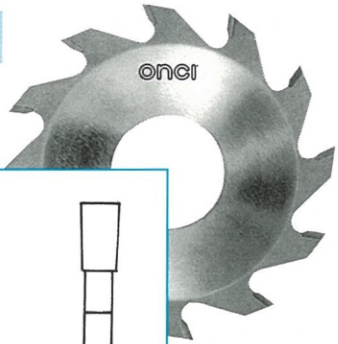
Ø D	T	t	Z	Ø d	MACHINES	CODE
100	3.97		8 (2+2+2+2)	22	ELU-DOUBLO	E 101 100

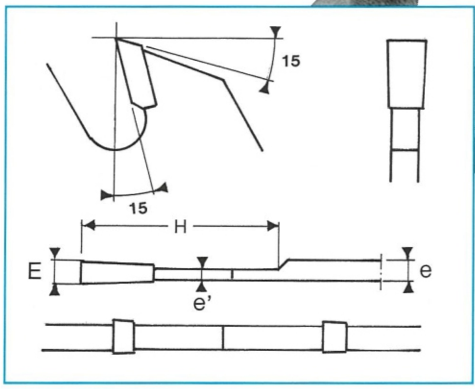


T.C.T.
CIRCULAR SAW BLADES

DRPS

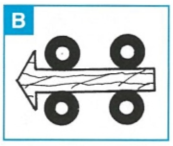
OMEGA - 140

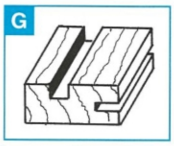




DESIGNATION :
T.C.T. GROOVING SAW BLADES
FLAT TEETH

USE :

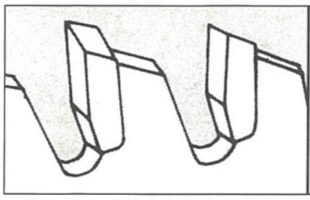




Groove making per unit or per group.
For all sort of material.
Ø 100 : grooving saw blades for plastic.

Sawing work : HIGH PRODUCTION

Ø D	T	t'	t	Z	H	Ø d	CODE
100	1.3	0.7	2.5	6	14	50	140 100 50
100	1.3		0.9	6		50	140 100 51
100	1.5	0.7	2.5	6	14	50	140 100 52
100	1.5		0.9	6		50	140 100 53
100	1.8		1.2	6		50	140 100 54
100	2.0		1.2	6		50	140 100 55
125	1.5		0.8	12		30	140 125 30
125	1.5		0.8	12		50	140 125 50
125	1.8		1.0	12		30	140 125 31
125	1.8		1.0	12		50	140 125 51
125	2.0		1.2	12		30	140 125 32
125	2.0		1.2	12		50	140 125 52
125	2.2		1.2	12		30	140 125 33
125	2.2		1.2	12		50	140 125 53
125	2.5		1.5	12		30	140 125 34
125	2.5		1.5	12		50	140 125 54
125	3.0		2.0	12		30	140 125 35
125	3.0		2.0	12		50	140 125 55
125	3.5		2.5	12		30	140 125 36
125	3.5		2.5	12		50	140 125 56
125	4.0		3.0	12		30	140 125 37
125	4.0		3.0	12		50	140 125 57
125	5.0		4.0	12		30	140 125 38
125	5.0		4.0	12		50	140 125 58
150	1.5	0.9	1.5	12	25	30	140 150 30
150	1.5	0.9	1.5	12	25	50	140 150 50
150	1.8		1.5	12		30	140 150 31
150	1.8		1.5	12		50	140 150 51
150	2.0		1.5	12		30	140 150 32
150	2.0		1.5	12		50	140 150 52
150	2.5		1.5	12		30	140 150 33



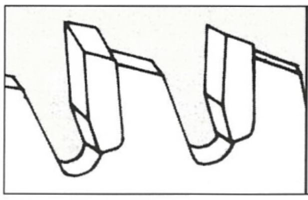
T.C.T.
CIRCULAR SAW BLADES

DRPS

OMEGA - 140

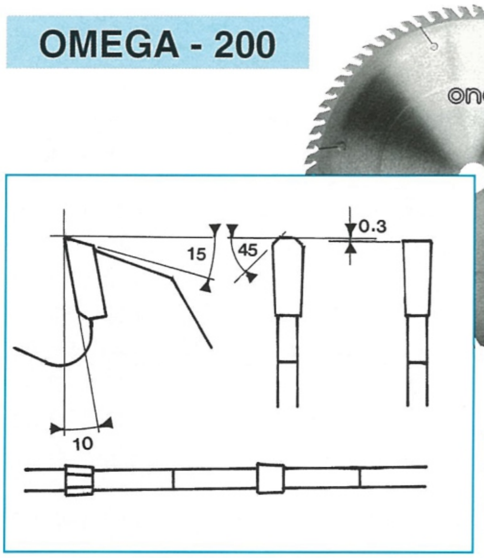
DESIGNATION :
T.C.T. GROOVING SAW BLADES
FLAT TEETH

ØD	T	t'	t	Z	H	Ød					CODE
150	2.5		1.5	12		50					140 150 53
150	3.0		2.0	12		30					140 150 34
150	3.0		2.0	12		50					140 150 54
150	3.5		2.5	12		30					140 150 35
150	3.5		2.5	12		50					140 150 55
150	4.0		3.0	12		30					140 150 36
150	4.0		3.0	12		50					140 150 56
150	5.0		4.0	12		30					140 150 37
150	5.0		4.0	12		50					140 150 57
150	6.0		5.0	12		30					140 150 38
150	6.0		5.0	12		50					140 150 58
150	8.0		6.0	12		30					140 150 39
150	8.0		6.0	12		50					140 150 59
150	10.0		8.0	12		30					140 150 40
150	10.0		8.0	12		50					140 150 60
180	3.0		2.0	12		30					140 180 30
180	3.0		2.0	12		50					140 180 50
180	3.5		2.5	12		30					140 180 31
180	3.5		2.5	12		50					140 180 51
180	4.0		3.0	12		30					140 180 32
180	4.0		3.0	12		50					140 180 52
180	5.0		4.0	12		30					140 180 33
180	5.0		4.0	12		50					140 180 53
180	6.0		5.0	12		30					140 180 34
180	6.0		5.0	12		50					140 180 54
180	7.0		6.0	12		30					140 180 35
180	7.0		6.0	12		50					140 180 55
180	8.0		6.0	12		30					140 180 36
180	8.0		6.0	12		50					140 180 56
180	10.0		8.0	12		30					140 180 37
180	10.0		8.0	12		50					140 180 57
200	4.0		3.0	16		30					140 200 30
200	4.0		3.0	16		50					140 200 50
200	5.0		4.0	16		30					140 200 31
200	5.0		4.0	16		50					140 200 51
200	6.0		5.0	16		30					140 200 32
200	6.0		5.0	16		50					140 200 52
200	8.0		6.0	16		30					140 200 33
200	8.0		6.0	16		50					140 200 53



T.C.T.
CIRCULAR SAW BLADES

C 30 P
OMEGA - 200

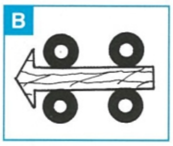


DESIGNATION :

T.C.T. CIRCULAR SAW BLADES FOR NON FERROUS METALS AND PLASTICS

1 TRAPEZOÏDAL TOOTH, 1 FLAT TOOTH (HELLER)
POSITIVE RAKE ANGLE

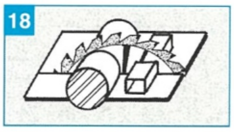
USE :

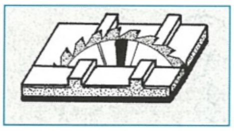


To cut aluminium.
Sandwich panels aluminium surfaced.

For stationary machine with automatic feed.

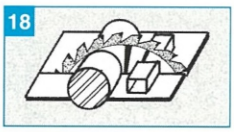
Sawing work : HIGH PRODUCTION

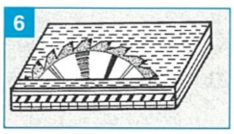




Ø D	T	t	Z	Ø d	Slots	o◯o	MACHINES	CODE
500	4.5	3.5	60	30	6			200 500 30
500	4.5	3.5	60	80	6		SMID	200 500 80
600	5.0	4.0	72	30	6			200 600 30
600	5.0	4.0	72	80	6			200 600 80

C 20 P
OMEGA - 201

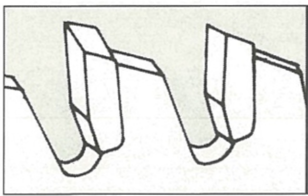




Recommended for cutting aluminium, plastics, synthetic and acryllic resin base materials.

Bulky wood.

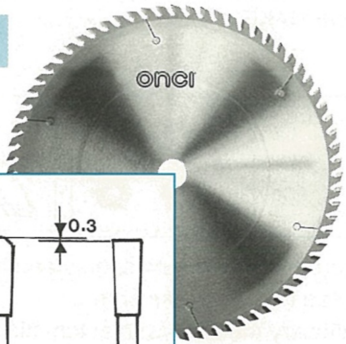
Ø D	T	t	Z	Ø d	Slots	o◯o	MACHINES	CODE
250	3.2	2.6	40	30	4			201 250 30
300	3.2	2.6	48	30	4			201 300 30
350	3.2	2.6	54	30	6			201 350 30
350	3.2	2.6	54	40	6	2/9/55 + 4/12/64	EISELE	201 350 40
400	3.8	3.2	60	30	6		RAPID	201 400 30
420	3.8	3.2	60	30	6			201 420 30
450	4.4	3.8	72	30	6			201 450 30
500	4.4	3.8	72	30	6	2/8/42		201 500 30
500	4.2	3.8	84	80	6	6/7/100	WEGOMA	201 500 80
600	5.0	4.0	96	30	6			201 600 30
600	5.0	4.0	96	40	6			201 600 40

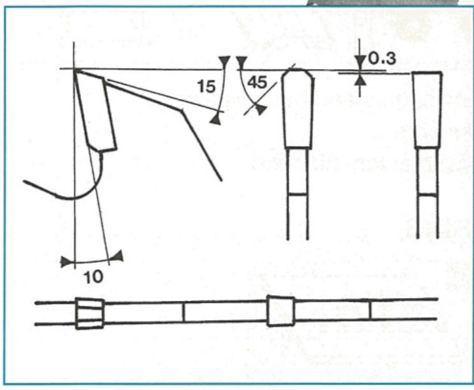


T.C.T.
CIRCULAR SAW BLADES

C 15 P

OMEGA - 202



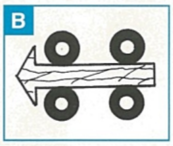


DESIGNATION :

T.C.T. CIRCULAR SAW BLADES FOR NON FERROUS METALS

1 TRAPEZOÏDAL TOOTH, 1 FLAT TOOTH (HELLER)
POSITIVE RAKE ANGLE

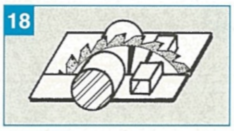
USE :

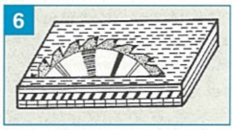


To cut non-ferrous metals.
Sandwich panels aluminium surfaced.
For acryllic resin and bulky woods.

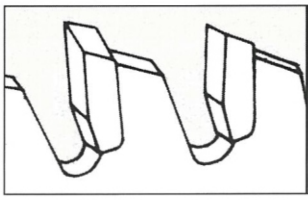
For stationary machine with automatic feed.

Sawing work : HIGH PRODUCTION



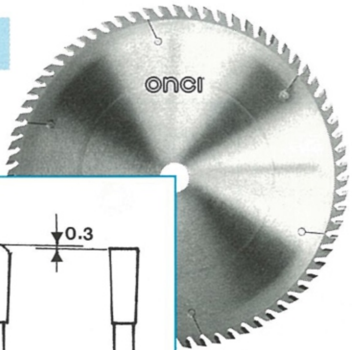


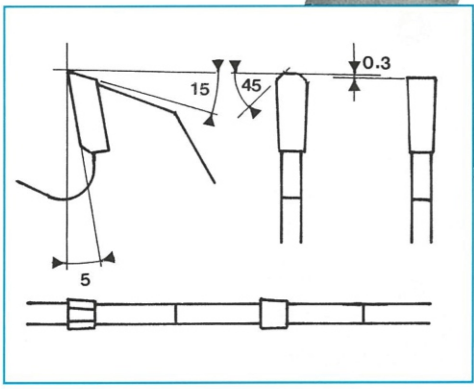
Ø D	T	t	Z	Ø d		Slots				MACHINES	CODE
250	3.2	2.6	48	30		4					202 250 30
300	3.2	2.6	60	30		6					202 300 30
350	3.2	2.6	72	30		6					202 350 30
400	3.8	3.2	84	30		6					202 400 30
450	4.4	3.8	96	30		6					202 450 30
500	4.2	3.8	100	80		6	6/7/100			WEGOMA	202 500 80
500	4.4	3.8	100	30		6					202 500 30
550	4.6	4.0	120	30		6					202 550 30



T.C.T.
CIRCULAR SAW BLADES

C 12 P
OMEGA - 203



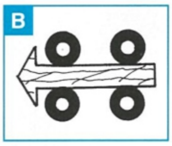


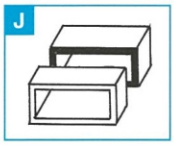
DESIGNATION :

T.C.T. CIRCULAR SAW BLADES FOR NON FERROUS METALS

1 TRAPEZOÏDAL TOOTH, 1 FLAT TOOTH (HELLER)
POSITIVE RAKE ANGLE

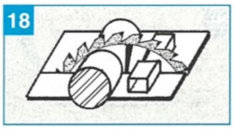
USE :

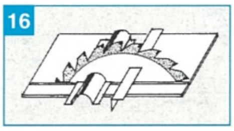


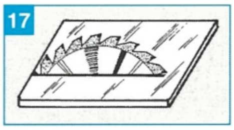


To cut profiles, aluminium sheets and hard plastics.
Laminated boards, glass fibre.
For stationary machine with automatic feed.

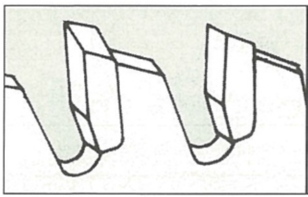
Sawing work : FINISHING







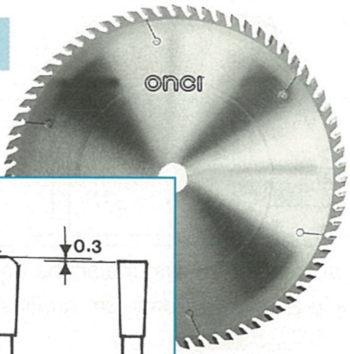
Ø D	T	t	Z	Ø d	Slots	o◯o	MACHINES	CODE
180	3.0	2.2	42	20	3			203 180 20
200	3.0	2.2	48	20	3			203 200 20
200	3.0	2.2	48	30	3		EISELE	203 200 30
250	3.2	2.6	60	30	4			203 250 30
250	3.2	2.6	60	32	4			203 250 32
250	3.2	2.6	60	40	4	2/9/55 + 4/12/64	EISELE	203 250 40
275	3.2	2.6	72	40	6	2/9/55 + 4/12/64	EISELE	203 275 40
300	3.2	2.6	72	30	6	DUO		203 300 30
300	3.2	2.6	72	40	6	2/9/55 + 4/12/64	EISELE	203 300 40
320	3.2	2.6	84	30	6		RAPID	203 320 30
350	3.2	2.6	84	30	6			203 350 30
350	3.2	2.6	84	32	6			203 350 32
350	3.2	2.6	84	40	6	2/9/55 + 4/12/64	EISELE - GRAULE	203 350 40
370	3.6	3.0	96	30	6			203 370 30
370	3.6	3.0	96	50	6	4/15/80	KALTENBACH	203 370 50
400	3.8	3.2	96	30	6			203 400 30
400	3.8	3.2	96	40	6	2/15/80 + 4/12/64	EISELE	203 400 40
400	3.8	3.2	96	50	6	4/15/80	KALTENBACH	203 400 50
420	3.8	3.2	96	30	6		ELU - RAPID	203 420 30
430	3.8	3.2	96	30	6		RAPID	203 430 30
450	4.4	3.8	108	30	6			203 450 30
450	4.4	3.8	108	32	6			203 450 32
450	4.4	3.8	108	40	6	2/12/80 + 4/12/64	EISELE	203 450 40
500	4.4	3.8	120	25.4	6		OLIVER	203 500 25
500	4.4	3.8	120	30	6			203 500 30
600	5.0	4.0	140	30	6			203 600 30

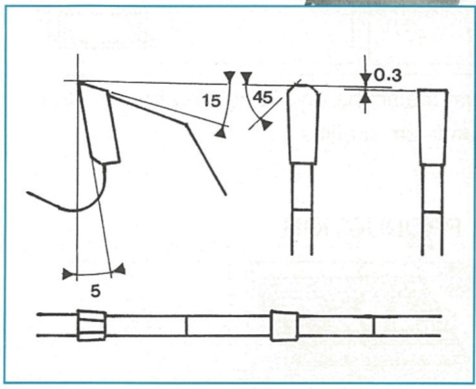


T.C.T.
CIRCULAR SAW BLADES

C 10 P

OMEGA - 204



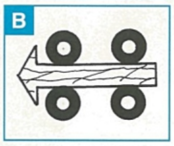


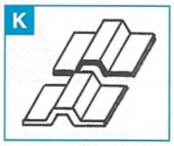
DESIGNATION :

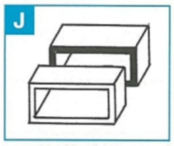
T.C.T. CIRCULAR SAW BLADES FOR NON FERROUS METALS AND PLASTICS

1 TRAPEZOÏDAL TOOTH, 1 FLAT TOOTH (HELLER)
POSITIVE RAKE ANGLE

USE :

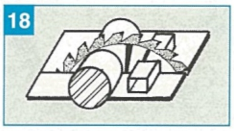


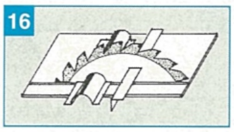


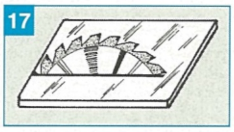


To cut thin aluminium profiles, plastics, thermoplastic sheets, acryllic resin and bulky woods.
For stationary machine with automatic feed.

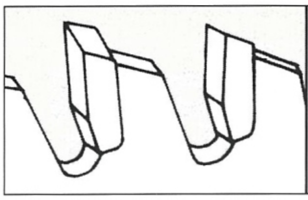
Sawing work : FINISHING





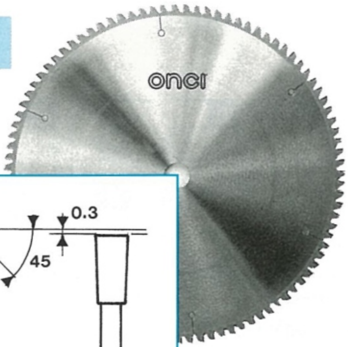


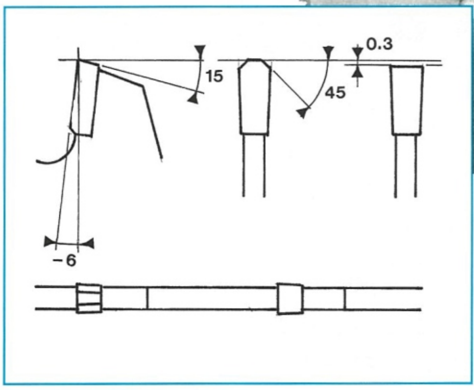
Ø D	T	t	Z	Ø d		Slots	o ◯ o			MACHINES	CODE
160	3.0	2.2	48	20		3					204 160 20
170	3.0	2.2	52	30		4				ELU-HOLZHER-HAFFNER	204 170 30
180	3.0	2.2	58	20		3					204 180 20
180	3.0	2.2	58	30		4					204 180 30
200	3.0	2.2	64	20		4					204 200 20
216	3.0	2.2	64	30		4					204 216 30
250	3.2	2.6	80	30		4					204 250 30
250	3.2	2.6	80	32		4					204 250 32
300	3.2	2.6	96	30		6					204 300 30
300	3.2	2.6	96	32		6					204 300 32
300	3.2	2.6	96	40		6	2/9/55 + 4/12/64				204 300 40
330	3.2	2.6	102	30		6					204 330 30
330	3.2	2.6	102	32		6					204 330 31
350	3.2	2.6	108	30		6					204 350 30



T.C.T.
CIRCULAR SAW BLADES

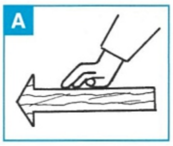
C 20 N
OMEGA - 205

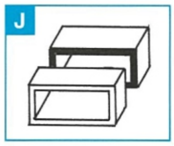




DESIGNATION :
T.C.T. CIRCULAR SAW BLADES FOR NON FERROUS METALS
1 TRAPEZOÏDAL TOOTH, 1 FLAT TOOTH (HELLER)
NEGATIVE RAKE ANGLE

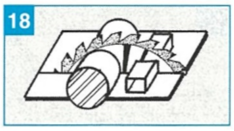
USE :

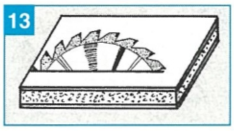


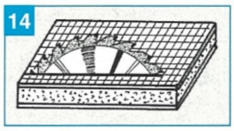


To cut aluminium panels, melamine and laminated boards, thermoplastic and thick aluminium profiles.

Sawing work : HIGH PRODUCTION

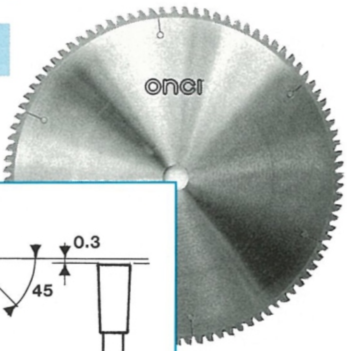


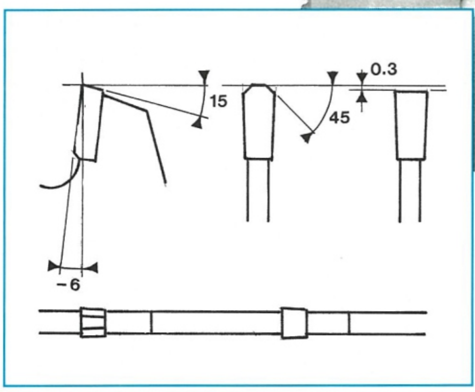




Ø D	T	t	Z	Ø d	Slots	o◯o	MACHINES	CODE
400	3.8	3.2	60	50	6	4/15/80	KALTENBACH	205 400 50
500	4.4	3.8	72	30	6			205 500 30
600	5.0	4.0	96	30	6			205 600 30

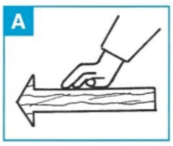
C 15 N
OMEGA - 206

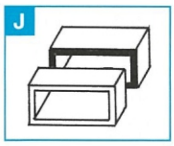




DESIGNATION :
T.C.T. CIRCULAR SAW BLADES FOR NON FERROUS METALS
1 TRAPEZOÏDAL TOOTH, 1 FLAT TOOTH (HELLER)
NEGATIVE RAKE ANGLE

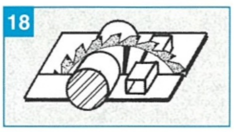
USE :

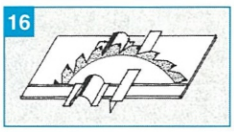


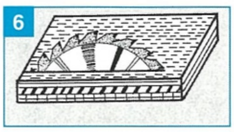


To cut aluminium profiles and sheets.
Laminated boards, treated and compressed wood.
A perfect clamping of the material is mandatory.
Recommended for T.C.T. circular saw blades for miter saws with manual feed.

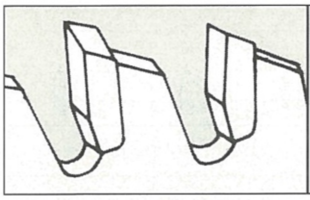
Sawing work : FINISHING







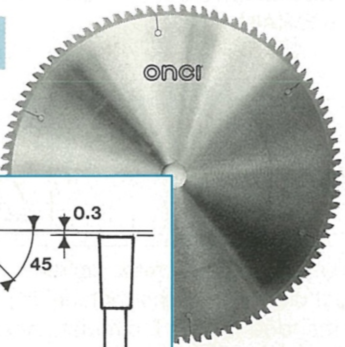
Ø D	T	t	Z	Ø d	Slots	o◯o	MACHINES	CODE
450	4.4	3.8	96	30	6			206 450 30
450	4.4	3.8	96	40	6	2/10/80 + 4/12/64	DEWALT - HAFFNER	206 450 40
500	4.4	3.8	100	25.4	5		OLIVER	206 500 25
500	4.4	3.8	100	30	5			206 500 30
550	4.6	4.0	120	30	6			206 550 30

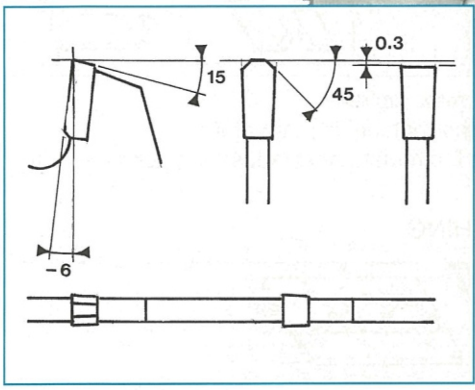


T.C.T.
CIRCULAR SAW BLADES

C 12 N

OMEGA - 207



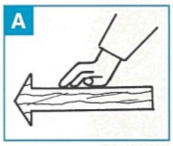


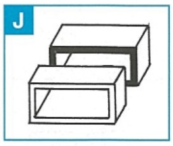
DESIGNATION :

T.C.T. CIRCULAR SAW BLADES FOR NON FERROUS METALS AND PLASTICS

1 TRAPEZOÏDAL TOOTH, 1 FLAT TOOTH (HELLER)
NEGATIVE RAKE ANGLE

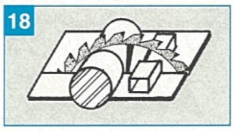
USE :

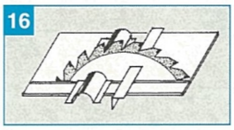


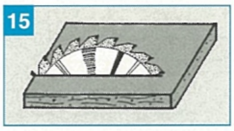


To cut aluminium and plastic profiles - Thin PVC and cemented fibreboards.
A perfect clamping of the material is mandatory.
Recommended for T.C.T. circular saw blades for miter saws with manual feed.

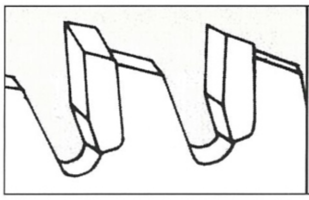
Sawing work : FINISHING







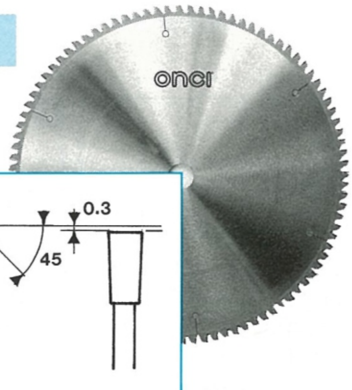
Ø D	T	t	Z	Ø d		Slots	o◯o			MACHINES	CODE
160	3.0	2.2	42	20		3					207 160 20
180	3.0	2.2	42	20		3					207 180 20
200	3.0	2.2	48	20		4					207 200 20
216	3.0	2.2	48	30		4				ELU	207 216 30
250	3.2	2.6	60	30		4					207 250 30
250	3.2	2.6	60	32		4					207 250 32
275	3.2	2.6	72	30		6					207 275 30
275	3.2	2.6	72	40		6	2/9/55 + 4/12/64			EISELE - TRENNJÄGER	207 275 40
300	3.2	2.6	72	30		6					207 300 30
330	3.2	2.6	84	30		6				ELU - HAFFNER	207 330 30
330	3.2	2.6	84	32		6					207 330 32
350	3.2	2.6	84	30		6					207 350 30
350	3.2	2.6	84	32		6					207 350 32
350	3.2	2.6	84	40		6	2/9/55 + 2/11/63				207 350 40
400	3.8	3.2	96	30		6				RAPID- WEGONA-HAFFNER	207 400 30
400	3.8	3.2	96	32		6	2/11/63				207 400 32
400	3.8	3.2	96	40		6	2/9/55 + 4/12/64			EISELE	207 400 40
400	3.8	3.2	96	50		6	4/15/80			KALTENBACH	207 400 50
420	3.8	3.2	96	30		6				RAPID - ELU	207 420 30
420	3.8	3.2	96	40		6				GRAULE	207 420 40
450	4.4	3.8	108	30		6					207 450 30
500	4.4	3.8	120	25.4		6				OLIVER	207 500 25
500	4.4	3.8	120	30		6				HAFFNER - PFEIFFER	207 500 30
600	5.0	4.0	140	25.4		6					207 600 25

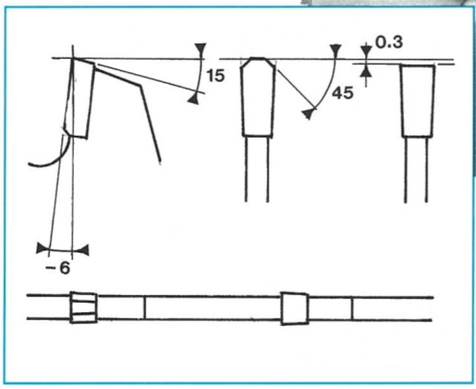


T.C.T.
CIRCULAR SAW BLADES

C 10 N

OMEGA - 208



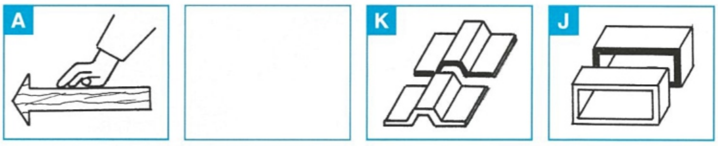


DESIGNATION :

T.C.T. CIRCULAR SAW BLADES FOR NON FERROUS METALS AND PLASTICS

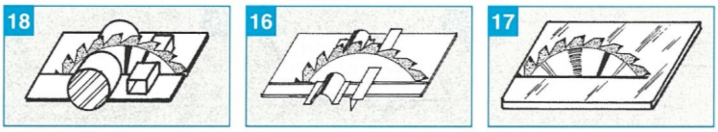
1 TRAPEZOÏDAL TOOTH, 1 FLAT TOOTH (HELLER)
NEGATIVE RAKE ANGLE

USE :

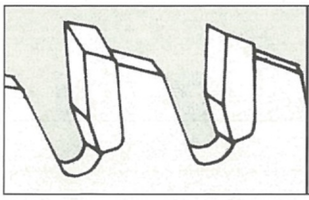


To cut aluminium and thin plastic profiles.
A perfect clamping of the material is mandatory.
Recommended for T.C.T. circular saw blades for miter saws with manual feed.

Sawing work : FINISHING



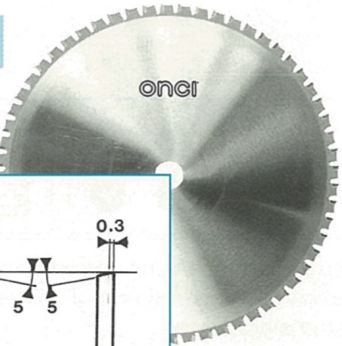
Ø D	T	t	Z	Ø d	Slots	o◯o	MACHINES	CODE
170	3.0	2.2	52	30	4			208 170 30
180	3.0	2.2	58	20	3			208 180 20
180	3.0	2.2	58	30	3			208 180 30
200	3.0	2.2	64	30	4			208 200 30
216	3.0	2.2	64	30	4		ELU	208 216 30
220	3.0	2.2	64	30	4			208 220 30
250	3.2	2.6	80	25	4			208 250 25
250	3.2	2.6	80	30	4			208 250 30
250	3.2	2.6	80	32	4			208 250 32
250	3.2	2.6	80	40	4			208 250 40
275	3.2	2.6	88	30	4			208 275 30
275	3.2	2.6	88	40	4	2/9/55 + 4/12/64	EISELE-GRAULE-TRENNJÄGER	208 275 40
300	3.2	2.6	96	30	6			208 300 30
300	3.2	2.6	96	32	6		DEWALT	208 300 32
330	3.2	2.6	102	20	6			208 330 20
330	3.2	2.6	102	30	6			208 330 30
330	3.2	2.6	102	32	6			208 330 32
350	3.2	2.6	108	30	6			208 350 30
350	3.2	2.6	108	32	6			208 350 32
370	3.6	3.0	108	30	6			208 370 30
380	3.6	3.0	108	32	6		ELUMATEC	208 380 32
400	3.8	3.2	120	30	6			208 400 30

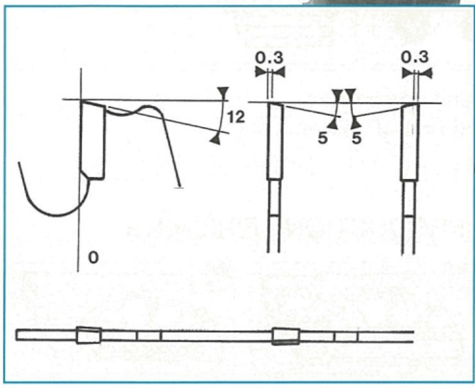


T.C.T.
CIRCULAR SAW BLADES

DRY - CUT

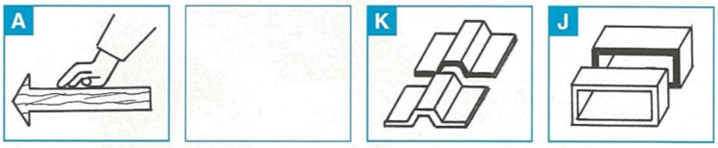
OMEGA - 209





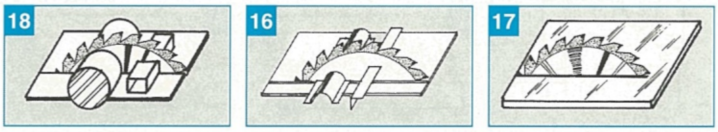
DESIGNATION :
T.C.T. CIRCULAR SAW BLADES FOR METALS
(SPECIAL TEETH)

USE :



Cutting speed : 25 m/s.
Steel and aluminium sheets.
PVC, plexiglas, aluminium, copper, steel pipes.

Sawing work : HIGH PRODUCTION

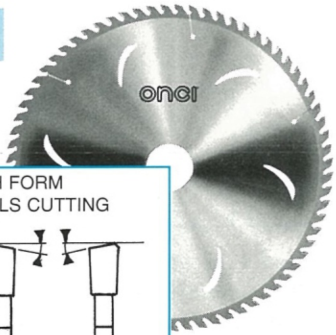


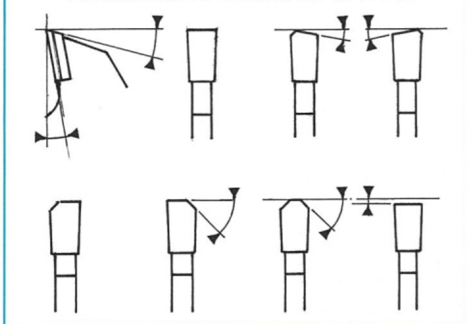
Ø D	T	t	Z	Ø d			o◯o			MACHINES	CODE
150	2.0	1.6	30	16							209 150 16
150	2.0	1.6	30	20							209 150 20
160	2.0	1.6	30	16							209 160 16
160	2.0	1.6	30	20							209 160 20
170	2.0	1.6	32	30			2/7/42				209 170 30
180	2.0	1.6	34	20			2/6/32				209 180 20
180	2.0	1.6	34	30							209 180 30
190	2.0	1.6	38	20							209 190 20
190	2.0	1.6	38	30							209 190 30
200	2.0	1.6	40	30			2/7/42				209 200 30
210	2.0	1.6	40	30			2/7/42				209 210 30
216	2.0	1.6	40	30							209 216 30
230	2.0	1.6	44	30			2/7/42				209 230 30
250	2.2	1.8	48	20							209 250 20
250	2.2	1.8	48	30			2/7/42				209 250 30
300	2.2	1.8	60	30							209 300 30
305	2.2	1.8	60	25.4						JEPSON-PROMAC-HITACHI-RYOBI	209 305 25
305	2.2	1.8	80	25.4						PROMAC	209 305 26
355	2.6	2.2	80	25.4							209 355 25

DIAMOND
CIRCULAR SAW BLADES

LAMES DIA

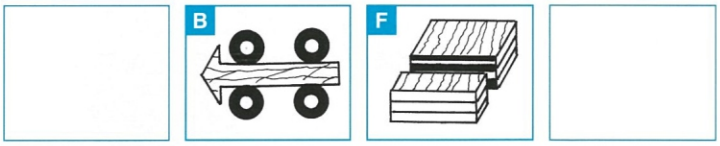
OMEGA - 160





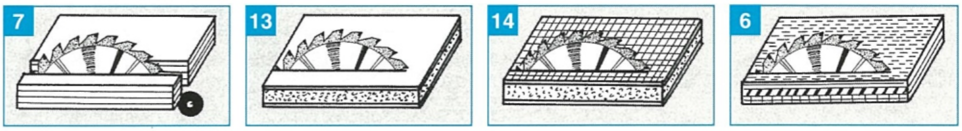
DESIGNATION :
DIAMOND TIPS PANEL SIZING SAW BLADES

USE :



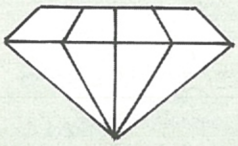
Panel sizing cutting in unit or in packs.
Particleboards veneered on both sides.
Laminated stacks.

Sawing work : HIGH PRODUCTION - FINISHING



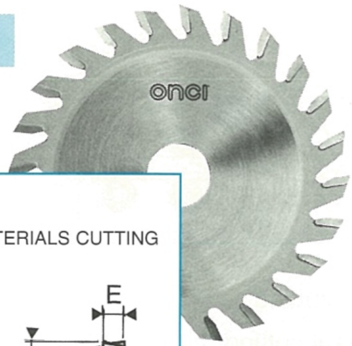
Ø D	T	t	Z	Ø d		Slots	o◯o			MACHINES	CODE
305	4.4	3.0	48	(1)		4					160 305 48
305	4.4	3.0	60	60		4				PANHANS-MEYER	160 305 60
305	4.4	3.0	72	(1)		4					160 305 72
350	4.4	3.0	48	(1)		6					160 350 48
350	4.4	3.0	60	(1)		6					160 350 60
350	4.4	3.0	72	(1)		6					160 350 72
355	4.4	3.0	48	(1)		6					160 355 48
355	4.4	3.0	60	(1)		6					160 355 60
355	4.4	3.0	72	75		6				GIBEN	160 355 72
380	4.4	3.0	48	(1)		6					160 380 48
380	4.4	3.0	60	(1)		6					160 380 60
380	4.4	3.0	72	60		6				HOLZMA	160 380 72
400	4.8	3.5	48	(1)		6					160 400 48
400	4.8	3.5	60	30		6				JRION-SCHELLING-MEYER	160 400 60
400	4.8	3.5	72	30		6				JRION-SCHELLING-SCHEER	160 400 72
430	4.8	3.5	48	(1)		6					160 430 48
430	4.8	3.5	60	60		6				ANTHON	160 430 60
430	4.8	3.5	60	75		6	4/15/105			GIBEN PRISMATIC 2	160 430 61
430	4.8	3.5	72	60		6				ANTHON	160 430 72
430	4.8	3.5	72	75		6	4/15/105			GIBEN PRISMATIC 2	160 430 73
450	4.8	3.5	48	(1)		6		6			160 450 48
450	4.8	3.5	60	30		6		6		PANHANS-JRION	160 450 60
450	4.8	3.5	60	60		6		6		HOLZMA	160 450 61
450	4.8	3.5	72	30		6		6		PANHANS-JRION	160 450 72
450	4.8	3.5	72	60		6		6		HOLZMA	160 450 73

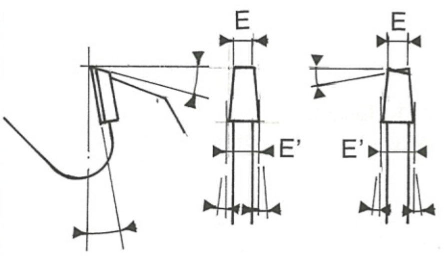
(1) on request



DIAMOND
CIRCULAR SAW BLADES

ICP - DIA
OMEGA - 161



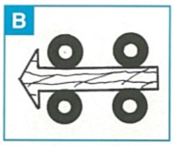


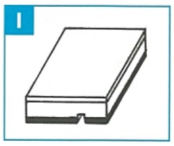
DESIGNATION :

DIAMOND SCORING SAW BLADES

FLAT CONICAL TEETH

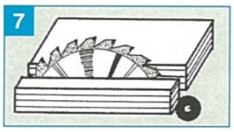
USE :

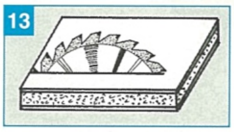


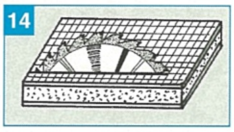


Scoring saw blades will have to be fit with diamond cutting saw blades.

Sawing work : FINISHING





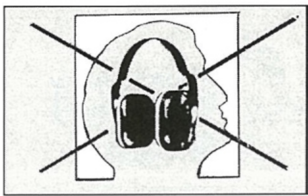


Ø D	T	T'	t	Z	Ø d				MACHINES	CODE
125	4.4	5.4	3.0	24	20				PANHANS	161 125 20
125	4.4	5.4	3.0	24	22				MARTIN	161 125 22
125	4.8	5.8	3.5	24	45				GIBEN	161 125 45
127	4.4	5.4	3.0	24	45				GIBEN	161 127 45
127	4.8	5.8	3.5	24	20				MEYER	161 127 20
150	4.4	5.4	3.0	24	20				SCHELLING	161 150 20
160	4.4	5.4	3.0	28	45	3/11/70			GIBEN	161 160 45
160	4.8	5.8	3.5	28	45	3/11/70			GIBEN PRISMATIC 1	161 160 46
175	4.8	5.8	3.5	28	45				HOLZMA	161 175 45
180	4.4	5.4	3.0	28	20				ANTHON - SCHELLING	161 180 20
180	4.8	5.8	3.5	28	20				ANTHON	161 180 21
180	4.8	5.8	3.5	28	30				PANHANS	161 180 30
180	5.2	6.2	3.5	28	55				GIBEN MATIC	161 180 55
180	6.2	7.2	4.4	28	20				ANTHON	161 180 22
200	4.4	5.4	3.0	36	30				PANHANS-SCHEER-SMA	161 200 30
200	4.4	5.4	3.0	36	65	2/9/110			SELCO	161 200 65
200	4.8	5.8	3.5	36	45				HOLZMA	161 200 45
200	5.0	6.0	3.5	36	20				SCHELLING	161 200 20
200	5.8	6.8	4.0	36	45				HOLZMA	161 200 46
200	6.2	7.2	4.0	36	20				SCHELLING	161 200 21
215	4.4	5.4	3.0	48	50	3/15/80			GIBEN PRISMATIC	161 215 50
300	4.4	5.4	3.0	48	50	3/15/80			GIBEN PRISMATIC	161 300 50

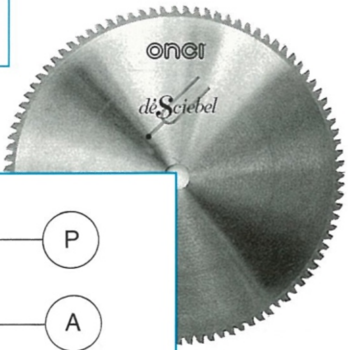
OTHER DIMENSIONS : PRICES ON REQUEST

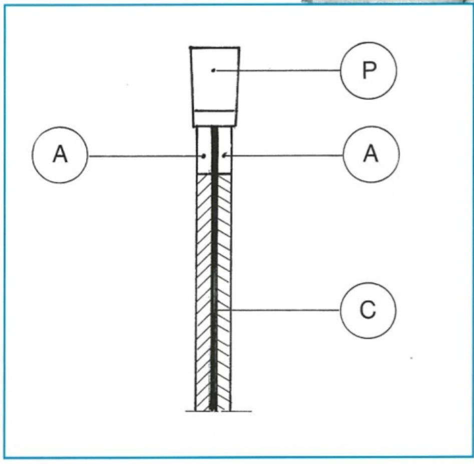
SCORING SAW BLADES IPP DIA : ON REQUEST

DIAMOND HOGGING SET : CARACTERISTICS AND QUOTATION ON REQUEST



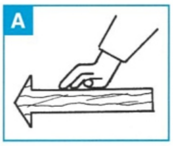
LOW NOISE
T.C.T. CIRCULAR SAW BLADES

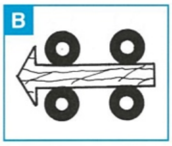




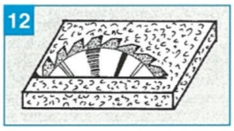
DESIGNATION :
LOW NOISE T.C.T. CIRCULAR SAW BLADES
TOOTH FORM ACCORDING TO MATERIALS CUTTING

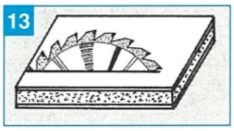
USE :

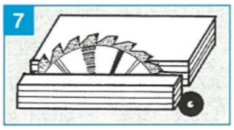


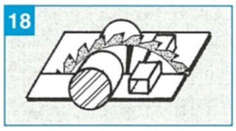


Panels cutting
Universal cutting
Non ferrous materials and plastics









Low noise circular saw blades *déSciébel*

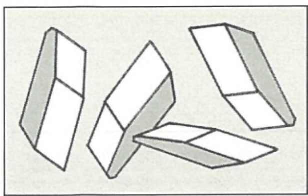
- 2 steel blades bodies - A
- inserted blade - C
- carbide tips - P

This "sandwich" decreases considerably the resonances.

The decrease in noise level depends on the material to cut and the tool diameter : 6 up to 9 dB

OUR RESEARCH DEPARTMENT STAY AT YOUR DISPOSAL TO ADAPT THIS NEW TYPE OF BLADE TO YOUR PROBLEM

THE *déSciébel* BLADE CONTRIBUTES TO THE IMPROVMENT OF WORKERS CONDITIONS



BRAZING FLUXES

SILVER BRAZING ALLOYS FOR TUNGSTEN CARBIDE

CARBIDE TIPS

CARBIDE TIPS READY TO BRAZE

DECAP (for blades cleaning)

LIGLISS (machines lubrification)

KERF COMPARATOR

CARDBOARDS FOR CIRCULAR SAW BLADES

• • •

RBD S.A

BP 103
231, rue La Fontaine
Le Téchnipôle - Bâtiment B
94123 FONTENAY SOUS BOIS - Cedex
FRANCE

Réf. 9703

IMP. PDI 01 34 32 34 00