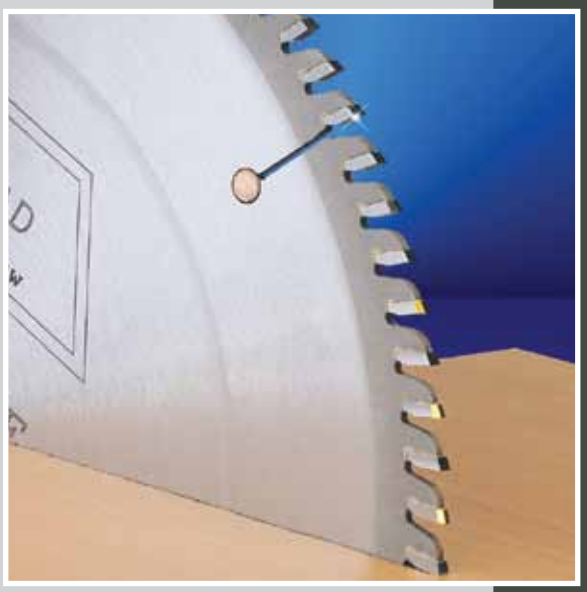
Saws for cutting wood, aluminum metal and plastics

ISHAD saw blades are manufactured with the best raw materials available today.



THE SAW PLATE

STEEL BODY: The high quality steel plate is manufactured with special emphasis on even thickness and absolute accuracy in centering the middle bore.

TENSION RING: A tension ring adds to the working stability resisting further side force, thus ensuring excellent accuracy and performance.

THE SAW BLADE

BALANCING AND LEVELING: Each saw is carefully balanced to avoid vibration ensuring side force is reduced, providing clean chip free cuts.

NOISE REDUCTION: The combination of the lazer cut expansion grooves and hairline lazer cuts further prevents vibration and reduces noise significantly.

CARBIDE TEETH

SUPER HIGH-DENSITY CARBIDE TEETH: Super high-density carbide teeth coupled with a new Nano-Grain unique bond will result in clean cuts for a longer time.

OUR TECHNOLOGY

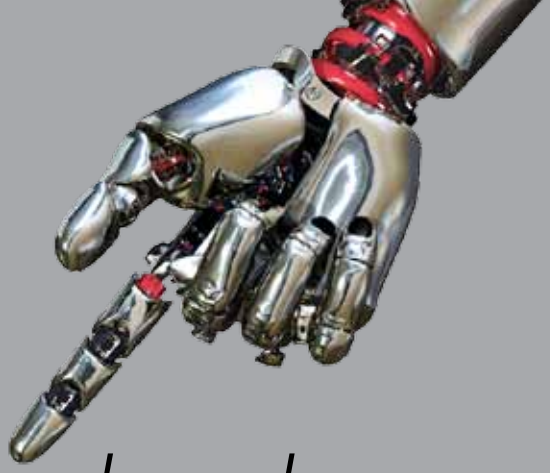
INNOVATIVE PRECISION CARBIDE TEETH GRINDING: Our R&D team has developed special tooling to reach a ground breaking form of grinding of the carbide teeth. The unique new profile, cleans debris faster from the tip, delivering better chip-free cuts, time after time, for a longer working life.

QUALITY CONTROL

ISHAD's Quality Control is carried out using the most advanced machinery, sophisticated computerized equipment and flexible job lot management to attain the high standards required by customers around the world.

4X Optimus

ISHAD introduces their latest inn



ovation in saw blade technology.

The New Generation of Saw Blades

4X Cutting Power

The ground-breaking grinding technique of the carbide tipped saw blade is now available with the introduction of the 4X OPTIMUS.

The NEW saw blade has proved to have significant longer life, resulting in improved production and increased profitability. In tests conducted at a leading furniture manufacturer in Israel, the following results were achieved:

PARAMETER/SAW	STANDARD SAW (hard teeth)	**4X OPTIMUS** (ISHAD)
SAW	300-96T-3.2 - 3.0	300-96T-3.2-3.0 TCG
FEED RATIO	Manual	
CUTTING MATERIAL	Melamine , coated Formica	
WORK FORM	without scoring	without scoring
CUTTING LIFE	1 day	**4 days**

PARAMETER/SAW	STANDARD SAW (hard teeth)	**4X OPTIMUS** (ISHAD)
SAW	300-96T-3.2 - 3.0TCG	300-96T-3.2-3.0 TCG
FEED RATIO	Manual	
CUTTING MATERIAL	Melamine, coated Formica, various MDF	
WORK FORM	with scoring	with scoring
CUTTING LIFE	3 days	**9 days**

PARAMETER/SAW	STANDARD SAW (hard teeth)	**4X OPTIMUS** (ISHAD)
SAW	350-72T-4.4-60 TCG	350-72T-4.4-60 TCG
MACHINE	(Bridge Saw)	
FEED RATIO	Automatic	
CUTTING MATERIAL	Melamine, Formica, MDF, Hardboard	
WORK FORM	with scoring	with scoring
CUTTING LIFE	2 days	**4 days**

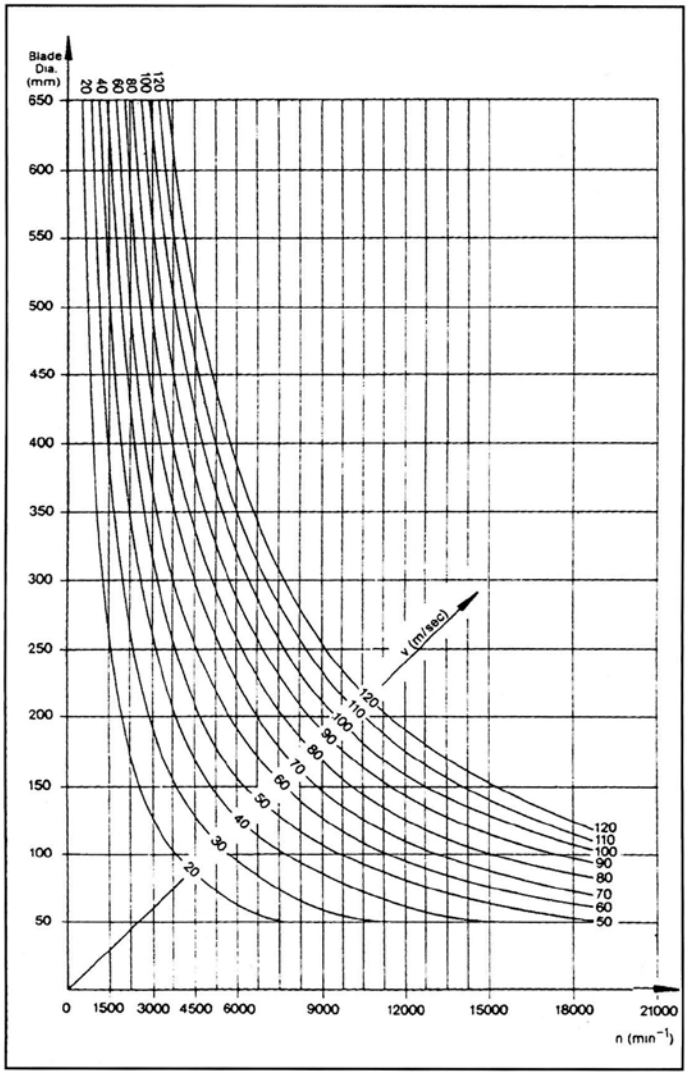
ISHAD Quality Saws

Contents:

ISHAD Quality Saws

Recommended Cutting Speed

Material	speed in m/sec.
Soft wood	60-100
Hard wood	60-100
Exotic wood	50-85
Veneers	70-100
Densified laminated wood	40-65
Compressed wood	40-65
Core and blockboard	50-90
Board veneered on both sides	60-90
Plywood panels	50-80
Raw chipboard	50-80
Hard board	50-80
Softboard	60-100
Plastic-laminated chipboard	60-100
Particle board	60-80
Laminate-covered chipboard	60-80
Solid thermoplastic panels	30-70
Solid duropplastic panels	15-50
Resin-bonded paper fabrics, laminates	50-80
Plastic sections or fillers	30-70
Gypsum wallboard	40-65
Sandwich-type plaster board	40-65
Rockwool board	2-90
Cemented board	40-80
Pure aluminium	70-90
Al-Mg-Cu	50-70



AT-1001

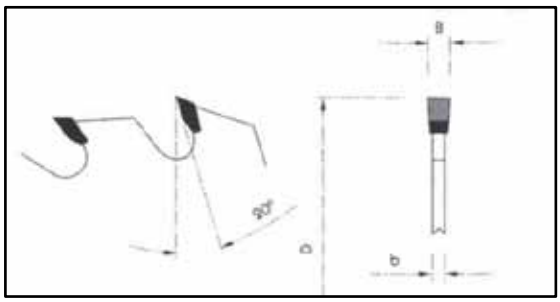
Rip Saw Blade

Grind Tooth:

- Flat teeth.
- Wide radius gullet for easy chip removal.

Material:

- Along the grain of soft and hard wood.
- Soft fiber and stone fiber boards.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
410	200	14	30	20°	2.0	3.0
411	250	20	30	20°	2.2	3.2
412	250	24	30	20°	2.2	3.2
413	300	24	30	20°	3.2	3.2
414	300	30	30	20°	2.2	3.2
415	350	28	30	20°	2.5	3.5
416	400	32	30	20°	2.5	3.5
417	450	32	30	20°	2.8	4.0
418	500	36	30	20°	3.0	4.4

ISHAD Quality Saws

Heavy Duty
Rip Saw Blade

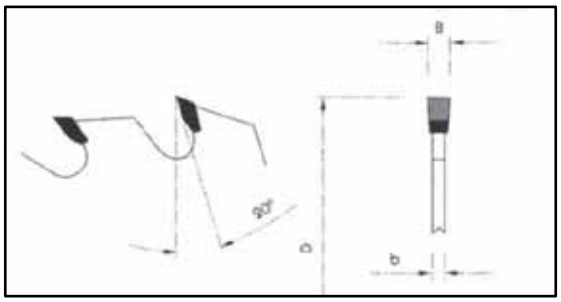
AT-1001-1

Grind Tooth:

- Flat teeth.
- Wide radius gullet for easy chip removal.

Material:

- Along the grain of soft and hard wood.
- Soft fiber and stone fiber boards.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
410-1	300	24	30	20°	2.8	4.0
411-1	300	24	30	20°	2.8	4.4
412-1	350	28	30	20°	2.8	4.0
413-1	350	28	30	20°	2.8	4.4
414-1	400	32	30	20°	3.0	4.0
415-1	400	32	30	20°	3.0	4.4

ISHAD Quality Saws

AT-1001-2

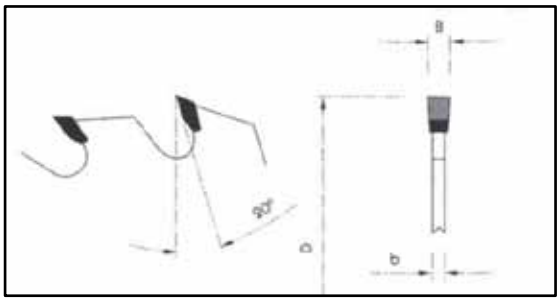
Heavy Duty
Rip Saw Blade

Grind Tooth:

- Flat teeth.
- Wide radius gullet for easy chip removal.
- With carbide chip clearance rakes.

Material:

- Along the grain of soft and hard wood.
- Soft fiber and stone fiber boards.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
437	250	18 (2+2)	30	20°	2.2	3.2
438	300	20 (2+2)	30	20°	2.2	3.2
439	350	24 (2+2)	30	20°	2.5	3.5

ISHAD Quality Saws

Heavy Duty
Rip Saw Blade

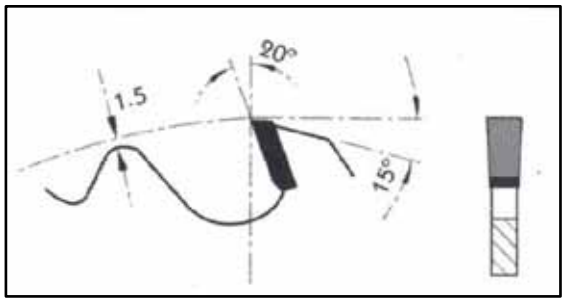
AT-1006

Grind Tooth:

- Flat teeth.
- Wide radius gullet for easy chip removal.
- Cooling slots in the saw body prevent excessive heat build up.

Material:

- Along the grain of soft and hard wood.
- Solid, soft and hard wood, with knots



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
419	250	20	30	20°	2.2	3.2
420	250	24	30	20°	2.2	3.2
421	300	14	30	20°	2.2	3.2
422	300	24	30	20°	2.2	3.2
423	300	28	30	20°	2.2	3.2
424	350	16	30	20°	2.5	3.5
425	350	28	30	20°	2.5	3.5
426	350	32	30	20°	2.5	3.5
427	400	18	30	20°	2.5	3.5
428	400	28	30	20°	2.5	3.5
429	450	40	30	20°	2.8	4.0
430	500	44	30	20°	3.0	4.4

ISHAD Quality Saws

AT-1006-1

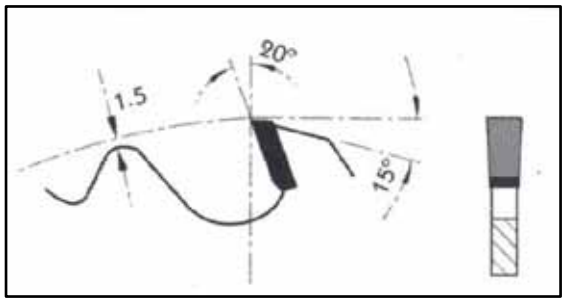
Heavy Duty
Rip Saw Blade

Grind Tooth:

- Flat teeth.
- Wide radius gullet for easy chip removal.
- Cooling slots in the saw body prevent excessive heat build up.

Material:

- Along the grain of soft and hard wood.
- Soft fiber and stone fiber boards.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
431	300	24	30	20°	2.8	3.8
432	300	24	30	20°	2.8	4.4
433	350	28	30	20°	3.0	4.0
434	350	28	30	20°	3.0	4.4
435	400	32	30	20°	3.0	4.0
436	400	32	30	20°	3.0	4.4

ISHAD Quality Saws

Heavy Duty
Rip Saw Blade

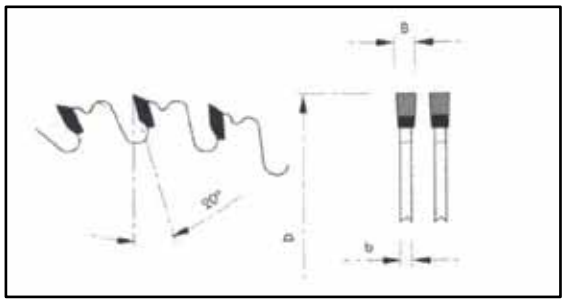
AT-1006-2

Grind Tooth:

- Flat teeth.
- Wide radius gullet for easy chip removal.

Material:

- Along the grain of soft and hard wood.
- Soft fiber and stone fiber boards.
- With carbide chip clearance rakes.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
440	300	20 (2+2)	30	20°	2.4	3.8
441	350	24 (2+2)	30	20°	2.5	3.5

ISHAD Quality Saws

ATB-2001

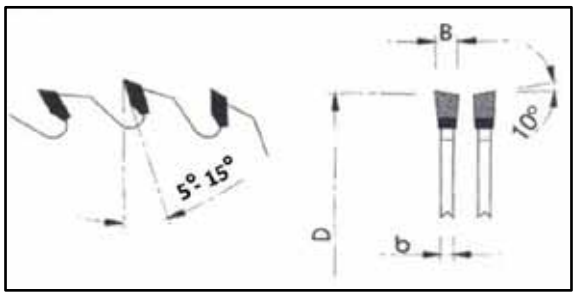
Trimming & Cross cut
Saw Blade

Grind Tooth:

- Alternate top bevel teeth.

Material:

- Soft, hard and exotic wood- along and crosscut the grain.
- Veneers, plywood and boards veneered on both sides, hard boards, MDF, chipboard with plastic laminate on one side.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)`
444	125	24	30	15°	2.0	3.0
449	140	24	30	15°	2.0	3.0
452	150	24	30	15°	2.0	3.0
456	160	24	30	15°	1.8	2.6
459	165	18	30	15°	1.8	2.8
500	170	24	30	15°	1.8	2.6
504	180	30	30	15°	1.8	2.8
507	190	24	30	15°	1.8	2.8
508	190	36	30	15°	1.8	2.8
511	200	34	30	15°	2.0	3.0
514	210	24	30	15°	1.8	2.8
515	210	34	30	15°	1.8	2.8
518	216	24	30	15°	1.8	2.8
521	220	24	30	15°	2.0	3.0
522	220	34	30	15°	2.0	3.0
526	230	40	30	15°	2.0	3.0
527	230	48	30	10°	2.0	3.0
529	235	24	30	15°	2.0	3.0
530	235	40	30	15°	2.0	3.0
533	240	24	30	15°	2.0	3.0
534	240	48	30	10°	2.0	3.0
537	250	40	30	15°	2.2	3.2
538	250	48	30	10°	2.2	3.2
542	300	48	30	15°	2.2	3.2
547	350	54	30	15°	2.5	3.5
751	400	60	30	15°	2.5	3.5
755	450	66	30	15°	2.8	4.0
759	500	72	30	10°	3.0	4.4

ISHAD Quality Saws

Trimming & Cross cut
Saw Blade

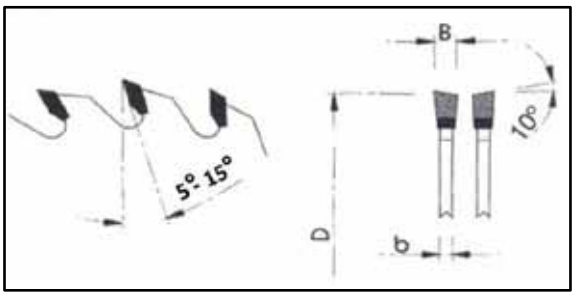
ATB-3001

Grind Tooth:

- Alternate top bevel teeth.

Material:

- Soft, hard and exotic wood- along and crosscut the grain.
- Veneers, plywood and boards veneered on both sides, hard boards, MDF, chipboard with plastic laminate on one side.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)`
446	125	40	30	10°	2.0	3.0
451	140	48	30	10°	2.0	3.0
455	150	48	30	5°	2.0	3.0
458	160	48	30	10°	1.8	2.8
502	170	48	30	10°	1.8	2.8
506	180	58	30	5°	2.0	3.0
513	200	64	30	5°	2.0	3.0
517	210	64	30	5°	2.0	3.0
520	216	60	30	5°	2.0	3.0
524	220	64	30	10°	2.0	3.0
528	230	60	30	10°	2.0	3.0
532	235	60	30	10°	2.0	3.0
535	240	64	30	10°	2.0	3.0
540	250	80	30	15°	2.2	3.2
545	300	96	30	10°	2.2	3.2
550	350	108	30	5°	2.5	3.5
753	400	120	30	5°	2.5	3.5
757	450	132	30	5°	2.8	4.0
760	500	120	30	5°	3.0	4.4

ISHAD Quality Saws

ATB-4000

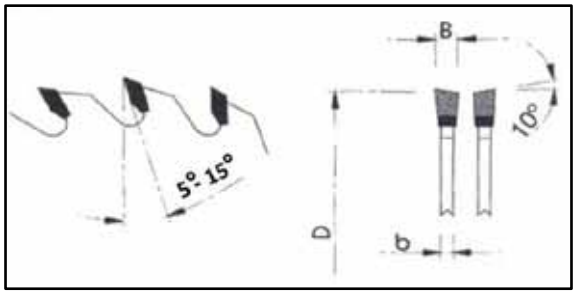
Trimming & Cross cut
Saw Blade

Grind Tooth:

- Alternate top bevel teeth.

Material:

- Soft, hard and exotic wood- along and crosscut the grain.
- Veneers, plywood and boards veneered on both sides, hard boards, MDF, chipboard with plastic laminate on one side.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)`
503	180	24	30	15°	2.0	3.0
505	180	42	30	10°	2.0	3.0
510	200	24	30	15°	2.0	3.0
525	230	24	30	15°	2.0	3.0
536	250	30	30	15°	2.2	3.2
541	300	36	30	15°	2.2	3.2
546	350	42	30	15°	2.5	3.5
750	400	48	30	15°	2.5	3.5
754	450	54	30	15°	2.8	4.0
758	500	60	30	15°	3.0	4.4

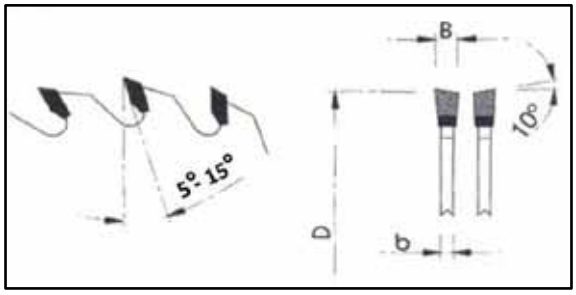
ISHAD Quality Saws

Trimming & Cross cut
Saw Blade

ATB-4001

Grind Tooth:

• Alternate top bevel teeth.



Material:

• Soft, hard and exotic wood- along and crosscut the grain.
• Veneers, plywood and boards veneered on both sides, hard boards, MDF, chipboard with plastic laminate on one side.

SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)`
445	125	30	30	10°	2.0	3.0
450	140	30	30	10°	2.0	3.0
453	150	30	30	15°	2.0	3.0
454	150	36	30	10°	2.0	3.0
457	160	36	30	10°	1.8	2.8
501	170	36	30	10°	1.8	2.8
509	190	48	30	10°	1.8	2.8
512	200	48	30	10°	2.0	3.0
516	210	48	30	10°	2.0	3.0
519	216	48	30	10°	2.0	3.0
523	220	48	30	10°	2.0	3.0
531	235	48	30	10°	2.0	3.0
539	250	60	30	10°	2.2	3.2
543	300	60	30	10°	2.2	3.2
544	300	72	30	10°	2.2	3.2
548	350	72	30	10°	2.5	3.5
549	350	84	30	10°	2.5	3.5
752	400	96	30	10°	2.5	3.5

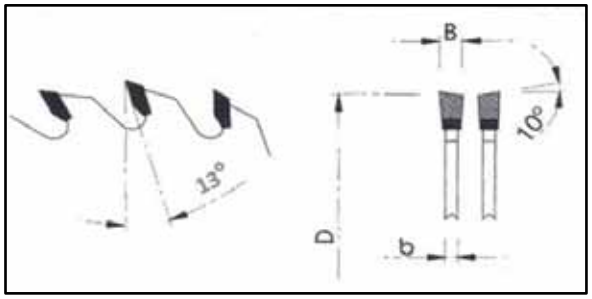
ISHAD Quality Saws

ATB-2006

Trimming & Cross cut
Saw Blade

Grind Tooth:

• Alternate top bevel teeth.



Material:

• Panel material with plastic lamination or not, hardboard, chipboard and plywood.

SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)`
607	305	60	30	13°	3.2	4.4
608	320	60	65	13°	3.2	4.4
609	355	54	75	13°	3.2	4.4
610	355	72	30	13°	3.2	4.4
611	355	72	75	13°	3.2	4.4
611-1	355	72	75	13°	3.2	4.25
612	355	72	80 (4/19/100+ 2/14/110)	13°	3.2	4.4
613	380	72	60 (2/14/100)	13°	3.2	4.4
613-1	380	72	80 (4/19/120+ 2/9/130)	13°	3.2	4.4
614	400	60	75	13°	3.2	4.4
615	400	72	30	13°	3.2	4.4
616	400	72	60 (2/14/100)	13°	3.2	4.4

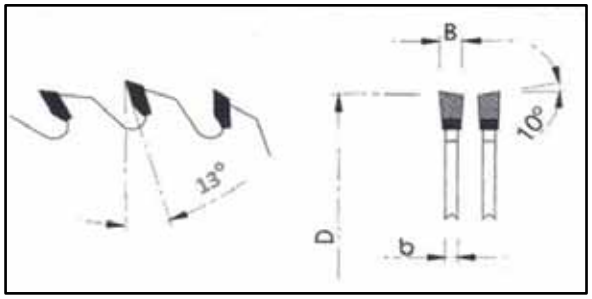
ISHAD Quality Saws

Trimming & Cross cut
Saw Blade

ATB-2006

Grind Tooth:

• Alternate top bevel teeth.



Material:

• Panel material with plastic lamination or not, hardboard, chipboard and plywood.

SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)`
617	400	72	80 (4/9/100)	13°	3.2	4.4
618	420	72	60 +2/14/125) (2/10/80	13°	3.2	4.4
619	430	72	75 (4/15/105)	13°	3.2	4.4
620	450	72	30	13°	3.4	4.8
621	450	72	80 +4/19/120) (2/9/130	13°	3.4	4.8
622	500	60	60 (2/11/115)	13°	3.4	4.8
623	500	72	30	13°	3.4	4.8
624	520	72	60 +2/11/115) (2/19/120	13°	3.4	4.8
625	600	72	60 +2/9/120) (2/11/115	13°	3.4	4.8

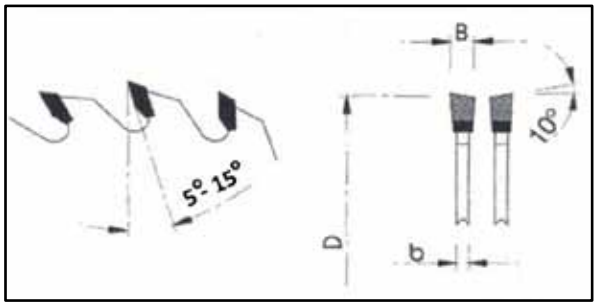
ISHAD Quality Saws

ATB-3006

Trimming & Cross cut
Thin Kerf

Grind Tooth:

- Alternate top bevel teeth.
- Thin kerf.



Material:

- soft, hard and exotic wood- along and crosscut the grain.
- Veneers, plywood and boards veneered on both sides, hard boards, MDF, chipboard with plastic laminate on one side.

SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)`
583	150	24	30	15°	1.6	2.3
584	150	48	30	5°	1.6	2.3
586	180	30	30	15°	1.6	2.3
587	180	58	30	5°	1.6	2.3
589	200	34	30	15°	1.6	2.3
590	200	64	30	10°	1.6	2.3
592	230	34	30	15°	1.6	2.3
593	250	40	30	15°	1.6	2.3
594	250	80	30	10°	1.6	2.3
595	250	100	30	5°	1.6	2.3
598	300	48	30	15°	1.6	2.3
599	300	96	30	10°	1.6	2.3
601	350	54	30	15°	1.6	2.3
602	350	108	30	5°	1.6	2.3
605	380	110	30	5°	2.0	2.7

Trimming & Sizing
Saw Blade

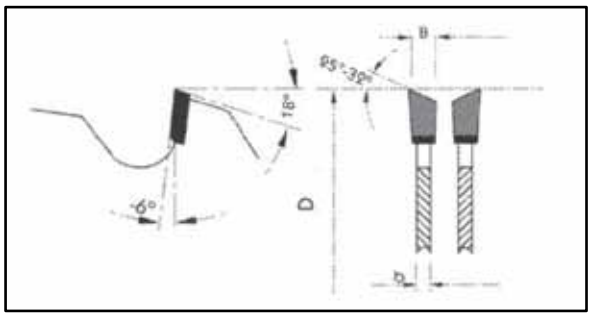
ATBN-3000

Grind Tooth:

- Alternate top bevel teeth 25º- 32º.
- Negative hook.

Material:

- Specially designed for particle boards with plastic lamination on both sides.
- Extra fine cut.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)`
676	200	48	30	-6º	2.2	3
676-1	200	64	30	-6º	2.2	3
677	220	64	30	-6º	2.2	3
678	250	80	30	-6º	2.4	3.2
679	300	96	30	-6º	2.6	3.2
679-1	300	96	30	-6º	2.6	3.4
680	330	102	30	-6º	2.6	3.4
681	350	108	30	-6º	2.6	3.3
682	400	120	30	-6º	2.6	3.3

ISHAD Quality Saws

ATBN-4001/1

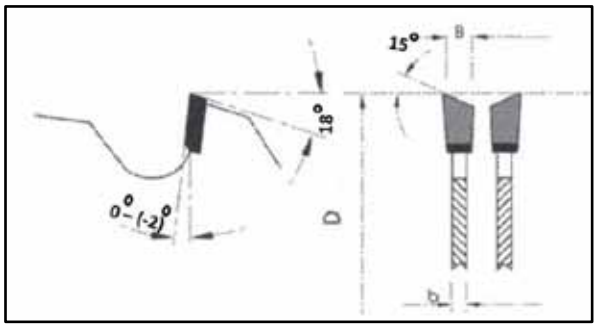
Cross cut
Saw Blade

Grind Tooth:

- Alternate top bevel teeth 25º- 32º.
- Negative hook.

Material:

- Soft and hard wood, particle boards.
- Without grabbing!
- Using for overarm machines.



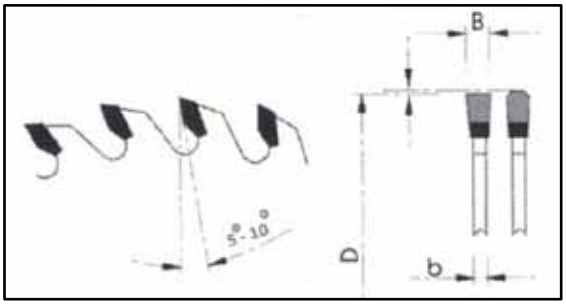
SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)`
683-1	220	60	30	0º	2.0	3.0
684	250	24	30	-2º	2.4	3.4
684-1	250	72	30	0º	2.4	3.2
685	300	36	30	-2º	2.8	3.8
686	350	42	30	-2º	2.8	4.2
687	400	48	30	-2º	3.0	4.2
687-1	500	54	30	-2º	3.0	4.2

Trimming & Sizing
Saw Blade

TCG-3002

Grind Tooth:

• Triple chip grind teeth.



Material:

• Soft and hard wood, along and across the gain.
• Plywood, veneer, laminate panels, boards.
• Specially smooth finishing in boards laminate **on both sides**.

SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
762	125	40	30	10°	2.0	3.0
763	140	48	30	5°	2.0	3.0
765	150	48	30	5°	2.0	3.0
767	160	48	30	5°	1.8	2.6
769	170	48	30	10°	1.8	2.6
771	180	58	30	5°	2.0	3.0
774	200	64	30	5°	2.0	3.0
775	210	64	30	5°	1.8	2.8
777	216	60	30	10°	1.8	2.8
780	220	64	30	5°	2.0	3.0
782	230	60	30	10°	2.0	3.0
561	235	60	30	10°	2.0	3.0
563	240	64	30	5°	2.0	3.0
566	250	80	30	5°	2.2	3.2
570	300	96	30	10°	2.2	3.2
574	350	108	30	5°	2.5	3.5
577	400	120	30	10°	2.5	3.5
580	450	132	30	5°	3.0	4.0

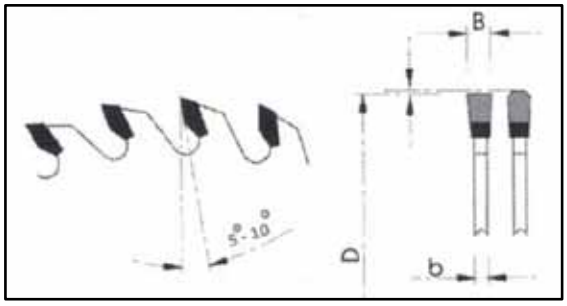
ISHAD Quality Saws

TCG-4003

Trimming & Sizing
Saw Blade

Grind Tooth:

• Triple chip grind teeth.



Material:

• Soft and hard wood, along and across the gain.
• Plywood, veneer, laminate panels, boards.

SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
761	125	30	30	10°	2.0	3.0
764	150	30	30	10°	2.0	3.0
766	160	36	30	10°	1.8	2.6
768	170	36	30	10°	1.8	2.6
770	180	40	30	10°	2.0	3.0
772	190	48	30	10°	1.8	2.8
773	200	48	30	10°	2.0	3.0
776	216	48	30	10°	1.8	2.8
560	235	48	30	10°	2.0	3.0
562	240	48	30	10°	2.0	3.0
565	250	60	30	10°	2.2	3.2
568	300	60	30	10°	2.2	3.2
569	300	72	30	10°	2.2	3.2
572	350	72	30	10°	2.5	3.5
573	350	84	30	10°	2.5	3.5
576	400	96	30	10°	2.5	3.5
579	450	108	30	5°	3.0	4.0
582	500	120	30	5°	3.0	4.4

Trimming & Sizing
Saw Blade

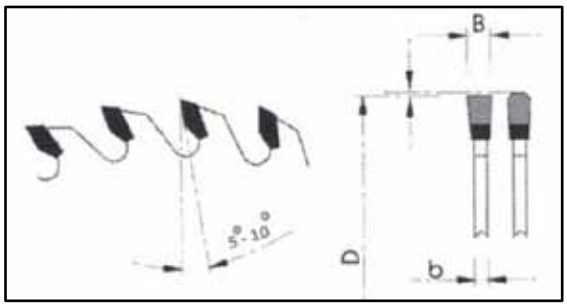
TGC-4003-4

Grind Tooth:

• Triple chip grind teeth.

Material:

• Soft and hard wood, along and across the gain.
• Plywood, veneer, laminate panels, boards.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
778	220	34	30	10°	2.0	3.0
781	230	40	30	10°	2.0	3.0
783	235	40	30	10°	2.0	3.0
564	250	40	30	10°	2.2	3.2
567	300	48	30	10°	2.2	3.2
571	350	54	30	10°	2.5	3.5
575	400	60	30	10°	2.5	3.5
578	450	66	30	10°	3.0	4.0
581	500	72	30	10°	3.0	4.4

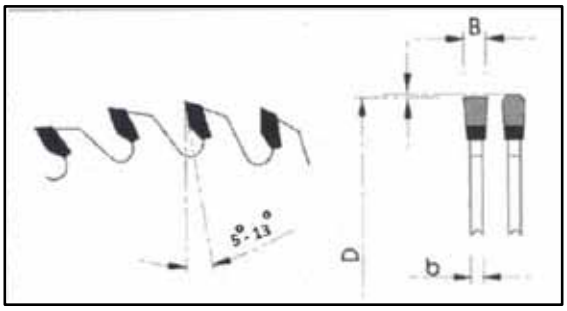
ISHAD Quality Saws

TCG-4004

Panel Sizing
Saw Blade

Grind Tooth:

- Triple chip grind teeth.



Material:

- Panel material with plastic lamination on both sides or not, chipboard, plywood and all other boards.
- Used for panel sizing and diving.

SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
633	305	60	65	13°	3.2	4.4
633-1	320	60	30	13°	3.2	4.4
634	355	54	30	13°	3.2	4.4
635	355	54	75	13°	3.2	4.4
635-1	355	72	75	13°	3.2	4.25
636	355	72	30	13°	3.2	4.4
637	355	72	75	75°	3.2	4.4
638	355	72	80 +4/19/100) (2/14/110	13°	3.2	4.4
639	380	72	60 (2/14/100)	13°	3.4	4.8
639-1	380	72	80 +4/19/120) (2/9/130	13°	3.4	4.8
640	400	72	30	13°	3.2	4.4
641	400	72	60 (2/14/100)	13°	3.2	4.4
642	400	60	75	13°	3.2	4.4
643	400	72	(4/9/100) 80	13°	3.2	4.4

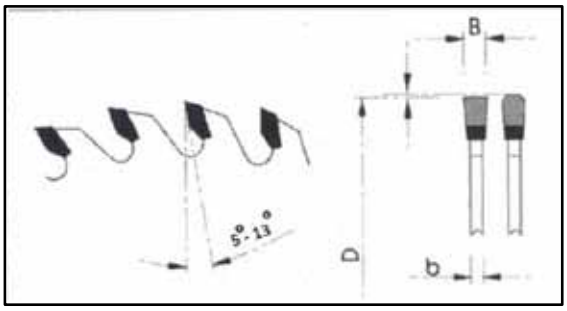
ISHAD Quality Saws

Panel Sizing
Saw Blade

TGC-4004

Grind Tooth:

- Triple chip grind teeth.



Material:

- Panel material with plastic lamination on both sides or not, chipboard, plywood and all other boards.
- Used for panel sizing and diving.

SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
644	420	72	60 +2/14/125) (2/10/80	13°	3.4	4.4
645	430	72	75 (4/15/105)	13°	3.2	4.4
646	450	72	30	13°	3.4	4.8
647	450	72	80 +4/19/120) (2/9/130	13°	3.4	4.8
648	500	60	60 (2/11/115)	13°	3.4	4.8
649	500	72	30	13°	3.4	4.8
650	500	72	60 +2/11/115) (2/19/120	13°	3.4	4.8
651	600	72	60 +2/9/120) (2/11/115	13°	3.4	4.8

ISHAD Quality Saws

TCG-3007

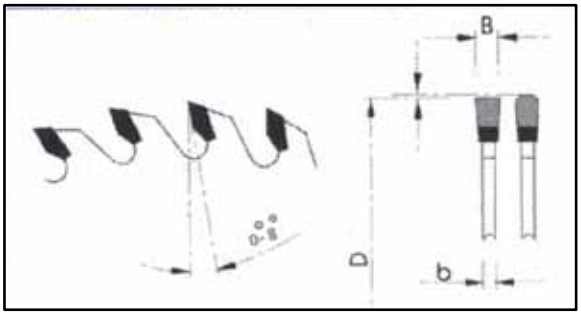
Trimming & Cross cut
Thin Kerf

Grind Tooth:

- Triple chip grind teeth.
- Thin kerf.

Material:

- soft, hard and exotic wood- along and crosscut the grain.
- Plywood, hard boards and boards with plastic or veneer laminations on both side along and across.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
585	150	48	30	8°	1.6	2.3
588	180	58	30	8°	1.6	2.3
591	200	64	30	8°	1.6	2.3
596	250	80	30	8°	1.6	2.3
597	250	100	30	5°	1.6	2.3
600	300	96	30	8°	1.6	2.3
603	350	108	30	8°	1.6	2.3
606	380	100	30	8°	2.0	2.7

Trimming & Cross cut
Thin Kerf

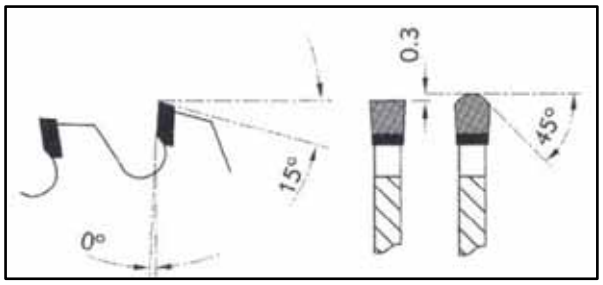
TGCN-3003

Grind Tooth:

- Triple chip grind teeth.
- Negative hook.

Material:

- Soft and hard wood, particle boards laminate on both sides.
- Without grabbing!
- Using for overarm machines.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
689	250	72	30	0°	2.4	3.2
690	300	84	30	0°	2.4	3.2
691	350	96	30	0°	2.6	3.4
692	400	108	30	0°	2.8	3.6

ISHAD Quality Saws

TCGP-3001

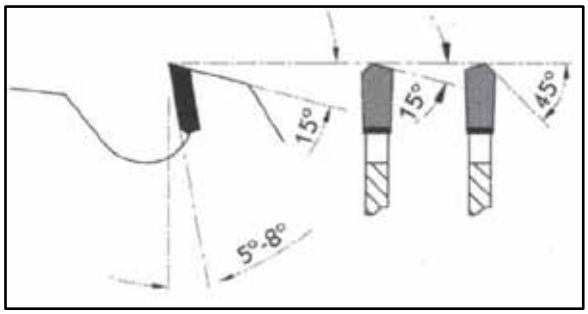
Trimming & Cross cut
Thin Kerf

Grind Tooth:

- Alternate top bevel teeth.
- 45° edge brake grind teeth.

Material:

- Soft and hard wood.
- Particle boards laminate on both sides.
- **For extra fine cut**.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
830	200	64	30	5°	2.9	2.2
831	250	80	5	5°	2.9	2.2
832	300	96	30	8°	2.9	2.2
833	330	102	30	8°	3.2	2.6
834	350	108	30	5°	3.2	2.6

ISHAD Quality Saws

Plastic Trimming & Sizing
Saw Blade

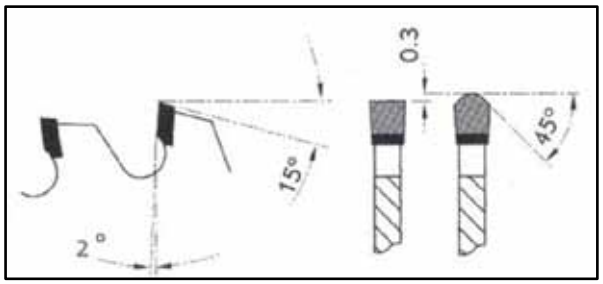
TCGN-3008

Grind Tooth:

- Triple chip grind teeth.
- Negative hook.

Material:

- Specially for plastic and profiles, without melting or chipping.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
693	250	80	30	-2°	1.8	2.5
694	300	96	30	-2°	2.6	3.3
695	350	108	30	-2°	3.0	3.7

ISHAD Quality Saws

HGP-4010

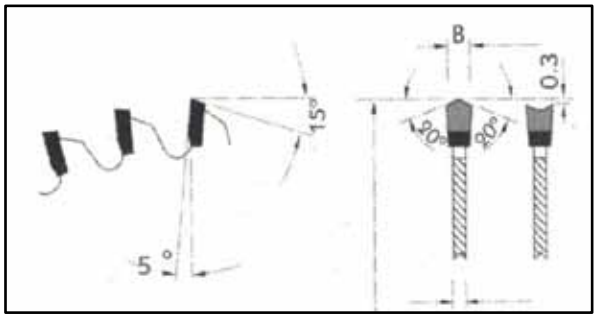
Trimming & Sizing
Saw Blade

Grind Tooth:

- Hollow-ground and reversed V-ground teeth .

Material:

- For panel materials with veneer or plastic lamination on both sides or not.
- Used in saw benches where the scoring unit is NOT in used, or vertical panel sizing saws.
- **Extra fine finish in laminates**.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
673	220	42	30	5°	2.2	3.2
674	253	48	30	5°	2.2	3.2
675	303	60	30	5°	2.2	3.2

ISHAD Quality Saws

Trimming & Sizing
Saw Blade

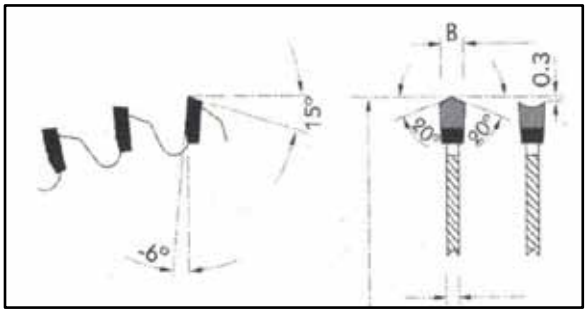
HGN-4010/1

Grind Tooth:

- Hollow-ground and reversed V-ground teeth .

Material:

- For panel materials with veneer or plastic lamination on both sides or not.
- Used in saw benches where the scoring unit is NOT in used, or vertical panel sizing saws.
- **Extra fine finish in laminates**.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
673-1	220	42	30	-6°	2.2	3.2
674-1	253	48	30	-6°	2.2	3.2
675-1	303	60	30	-6°	2.2	3.2

ISHAD Quality Saws

COM-4011

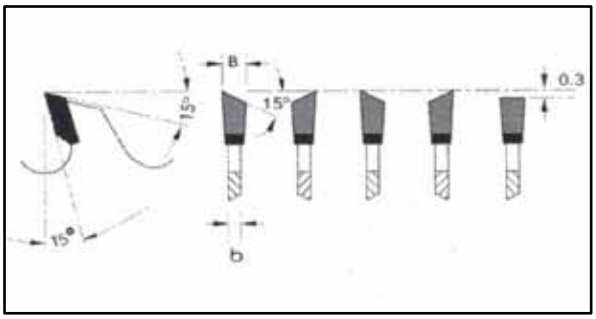
Combination Cut
Saw Blade

Grind Tooth:

- Alternate top bevel teeth with Raker.
- 4 alternate with 1 Raker.

Material:

- An excellent all around saw, ideally suite where one saw is used for all different types of cutting.
- For ripping or crosscutting solid, board, plywood or laminate.
- **Fine finish for all kind of wood**.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
659	200	40	30	15°	2.2	3.2
660	230	40	30	15°	2.2	3.2
661	250	40	30	15°	2.2	3.2
662	250	50	30	15°	2.2	3.2
663	300	60	30	15°	2.8	3.8
664	350	70	30	15°	2.8	3.8
665	400	80	30	15°	3.0	4.0

ISHAD Quality Saws

Scoring
Saw Blade

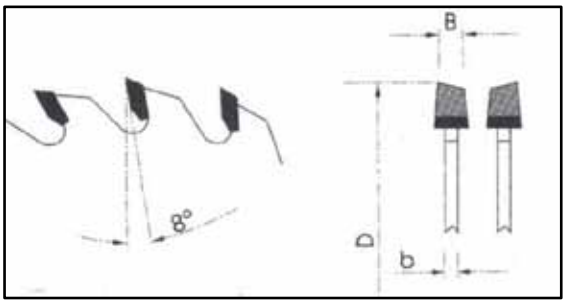
MCK-4012

Grind Tooth:

- Alternate top bevel teeth.
- Conical teeth.
- **Kerf**- Adjustable to the main circular saw blade.

Material:

- Depend on the main circular saw blade.
- Scoring with the feed.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
721	100	20	20/22	8°	2.8	3.0-4.0
722	100	20	20/22	8°	2.8	4.0-5.0
723	120	24	20/22	8°	2.8	2.8-3.6
724	120	24	20/22	8°	2.8	3.2-4.2
725	120	24	20/22	8°	2.8	3.5-4.5
726	120	24	20/22	8°	2.5	3.8-4.8
727	120	24	20/22	8°	3.0	4.0-5.0
728	120	24	20/22	8°	3.4	4.4-5.4
729	125	24	20	8°	3.2	4.4-5.4
730	125	24	45	8°	3.2	4.4-5.4

ISHAD Quality Saws

MCK-4012

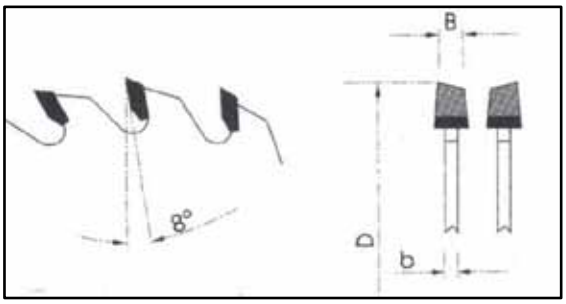
Scoring
Saw Blade

Grind Tooth:

- Alternate top bevel teeth.
- Conical teeth.
- **Kerf**- Adjustable to the main circular saw blade.

Material:

- Depend on the main circular saw blade.
- Scoring with the feed.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
731	150	24	20	8°	3.2	4.4-5.4
732	160	30	45 (3/11/70)	8°	3.2	4.4-5.4
733	160	30	55 (5/3/66)	8°	3.2	4.4-5.4
734	180	30	20	8°	3.2	4.4-5.4
735	180	30	45	8°	3.2	4.4-5.4
736	180	30	55	8°	3.4	4.8-5.8
737	200	36	20	8°	3.2	4.4-5.4
738	200	36	45	8°	3.2	4.4-5.4
739	200	36	65 (2/9/110)	8°	3.2	4.4-5.4
740	200	36	65 (2/9/110)	8°	3.4	4.8-5.8
741	216	36	50 (3/15/80)	8°	3.2	4.4-5.4
742	300	60	45	8°	3.2	4.4-5.4
743	340	72	45	8°	3.2	4.4-5.4

Scoring
Saw Blade

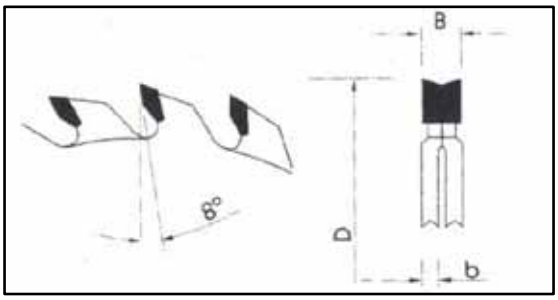
SC-4008

Grind Tooth:

- **Saw left**- Left top bevel teeth.
  Saw right- Right top bevel teeth.
- **Kerf**- Adjustable to the main circular saw blade by means of shims.

Material:

- Depend on the main circular saw blade.
- Scoring with the feed.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
749	100	24	22 / 20	8°	2.0	2.8-3.6
749-1	120	24	22 / 20	8°	2.0	2.8-3.6
749-2	125	24	22 / 20	8°	2.0	2.8-3.6

ISHAD Quality Saws

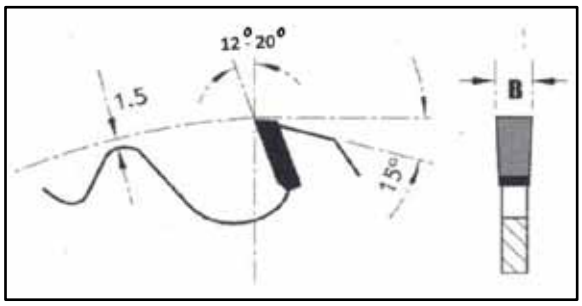
Cutter for Joining Plate

Grind Tooth:

- Flat teeth.
- The width of the cutter is suited to the original lamello joint plates.
- The size of the lamello joint plates determine the depth of the penetration.

Material:

- Soft and hard wood.
- Cutter for joining lamello.



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
840	100	6	20 or 22	20°	3.0	4.0
841	100	12	20 or 22	12°	3.0	4.0

Grooring Saw
3.0mm-13.0mm

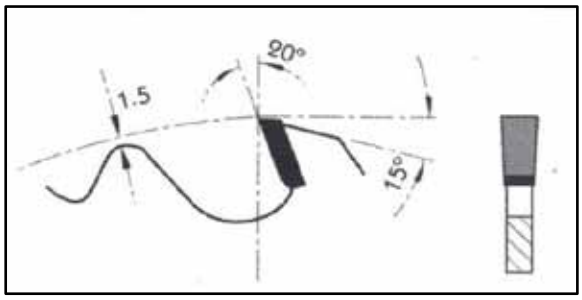
MTS-4014
CUSTOM SAW

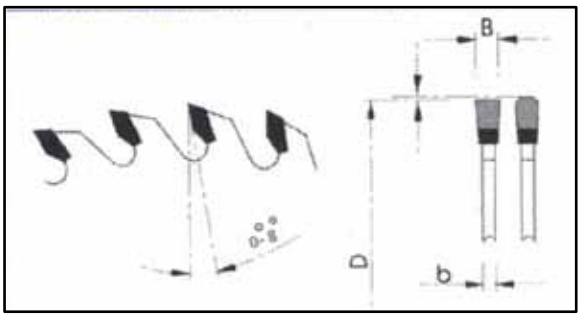
Grind Tooth:

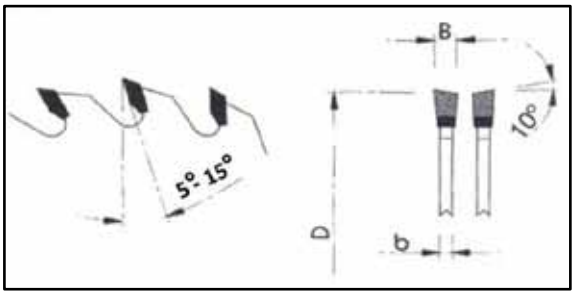
- Can be supplied with all king of grinding.
- Kerf- 3.0mm up to 13.0mm.
- Can be supplied with wide radius gullet for easy ship removal.

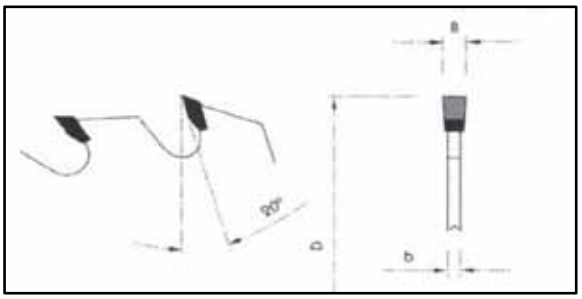
Material:

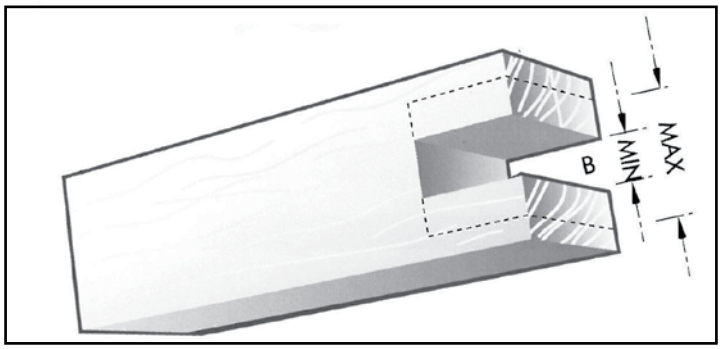
- For working along and across the grain.











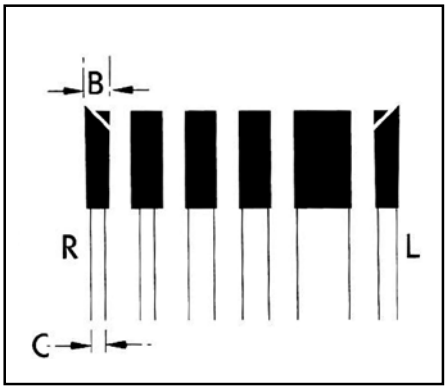
ISHAD
Quality Saws

DA-4015

Grooring
Saw Blade

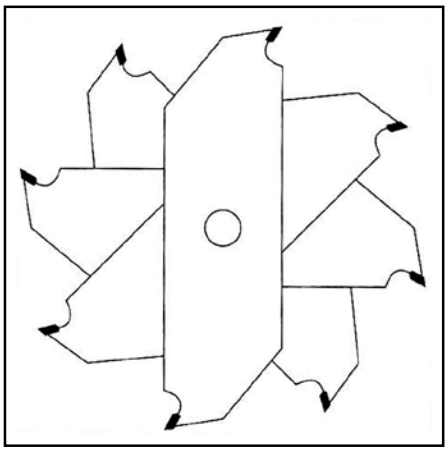
Grind Tooth:

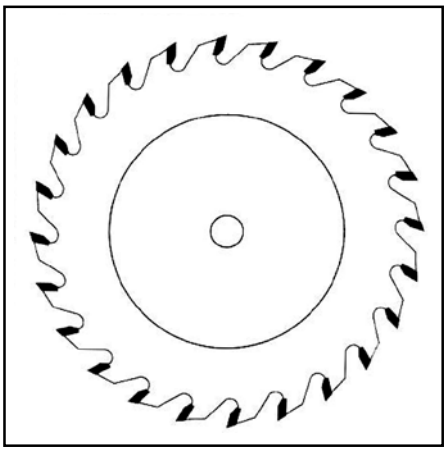
- **Saw**-1. 4 Left top bevel teeth, 1 flat teeth.
  2. 4 Right top bevel teeth, 1 flat teeth.
- **Chipper Blades**- Flat teeth.



Material:

- Can be used to cut either with or against grain.
- Recommended for plywood, melamine or where extra smooth cut is needed.





SAW NO.	DIAMETER	TEETH	BORE	HOOK	KERF (B)
820	"6	18	5/8”	15°	1/4"to 13-16"
821	"8	24	5/8”	0°	1/4"to 13-16"
822	"8	24	1”	0°	1/4"to 13-16"
823	"8	40	5/8”	-5°	1/4"to 13-16"
824	"8	40	1”	-5°	1/4"to 13-16"
825	"10	24	5/8”	15°	1/4"to 13-16"
826	"10	24	1”	15°	1/4"to 13-16"
827	"12	24	1”	15°	1/4"to 13-16"

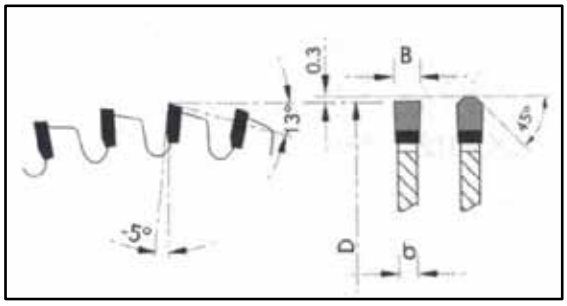
ISHAD Quality Saws

Non Ferrous Metal
Saw Blade

NF-4006

Grind Tooth:

- Triple chip grind teeth.
- Negative hook.



Material:

- For thin-walled profiles of aluminum.
- Suitable for sizing and miter cuts in ferrous metals such as aluminum and aluminum alloys.

SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
697	160	48	30	-5°	2.2	2.8
698	180	58	30	-5°	2.2	2.8
699	200	48	30	-5°	2.2	2.8
700	200	60	30	-5°	2.2	2.8
701	216	64	30	-5°	2.2	2.8
702	230	60	30	-5°	2.2	2.8
703	235	60	30	-5°	2.2	2.8
704	250	60	30	-5°	2.6	3.2
705	250	80	30/32	-5°	2.6	3.2
706	250	100	30	-5°	2.6	3.2
707	275	72	30	-5°	2.6	3.2
707-1	280	80	30	-5°	2.6	3.2
708	300	72	30	-5°	2.6	3.2
709	300	96	30/32	-5°	2.6	3.2
710	330	80	30	-5°	2.6	3.2
711	330	102	30/32	-5°	2.6	3.2
712	350	84	30/32	-5°	2.6	3.2
713	350	108	30/32	-5°	2.6	3.2
714	380	100	30	-5°	2.2	2.8
715	400	96	32/40	-5°	3.2	3.8
716	400	120	30/32/40	-5°	3.2	3.8
717	420	96	30	-5°	3.4	4.0
718	450	108	40/50	-5°	3.2	3.8
719	450	120	40/50	-5°	3.2	3.8
720	500	120	40/50	-5°	3.8	4.5
720-1	550	150	40/50	-5°	3.8	4.5

ISHAD Quality Saws

MFM-4007

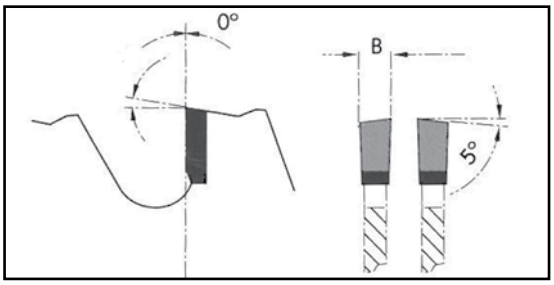
T.C.T Metal Saw

Grind Tooth:

- Special alternate bevel grind teeth.
- Using in dry cutting

Material:

- For steel pipes, profiles, bars aluminum profiles and PVC pipes.
- Fast cutting.
- No sparks!
- Clean surface (without burning).



SAW NO.	DIAMETER	TEETH	BORE	HOOK	PLATE (b)	KERF (B)
808	180	36	20	0º	1.8	2.2
809	180	48	"8 / 5	0º	1.8	2.2
809-1	203	40	"8 / 5	0º	1.8	2.2
810	255	50	"8 / 5	0º	1.8	2.2
811	305	60	"1	0º	1.8	2.2
812	305	80	"1	0º	1.8	2.2
813	355	72	"1	0º	2.0	2.2
813-1	355	90	"1	0º	2.0	2.2

ISHAD Quality Saws