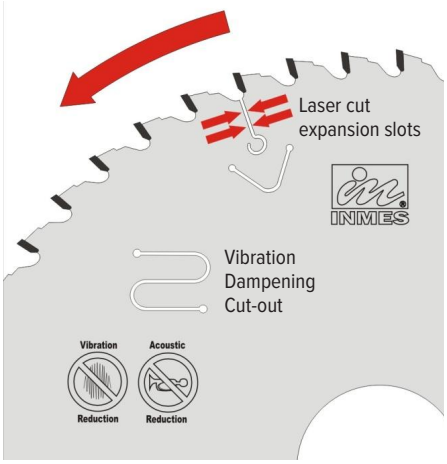
PUB 042 12/15

INMES Circular Saw Blades -
for superior cuts on Wood, Polymer and Aluminium mouldings

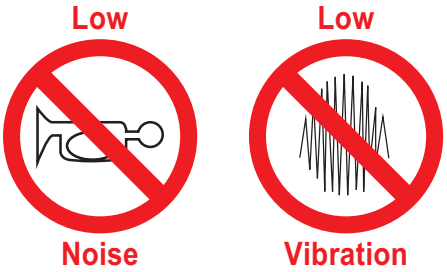
Blade plates: Precision laser cut from high grade hardened carbon steel, tensioned to remain straight and true as the blade comes up to speed.

High grade steel: Achieves a thinner kerf without compromising on vibration absorption, delivering smooth, quiet cutting. A thinner kerf demands less power from the saw, minimising friction and associated heat build-up, which can cause distortion of the blade.

Laser-cut 30mm bore: The blade fits precisely onto the arbor, so the teeth maintain a consistent path through the moulding.

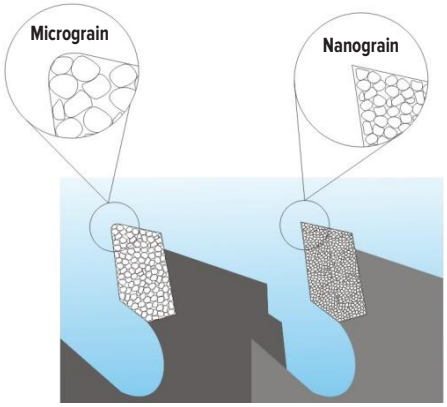


Laser-cut expansion slots: around the edge stops blades warping and losing tension as heat builds up.



Vibration & Acoustic reduction: Computer designed by Inmes, many blades have laser cut vibration dampening cut-outs.

These interrupt the spread of vibration, delivering a fine quality cut and 40% less noise.

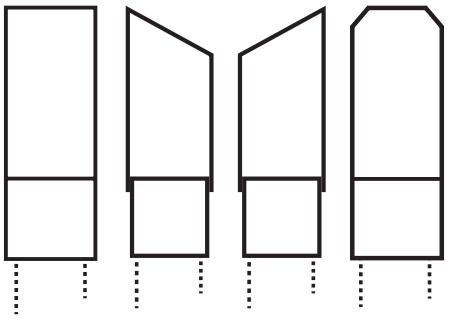


Highly durable Nanograin carbide teeth: The nano size TCT particles give an edge which is sharper and needs re-grinding less frequently.

Must be sharpened with a very fine particle diamond grinding wheel for a clean and accurate cut.

Tooth configurations: These are specifically tailored to wood, polymer or aluminium.

The rake on blades for aluminium is negative, to inhibit overly fast cutting rate and the tendency to grab and climb the material.



Flat / Planer | *Left Hand Bevel* | *Right Hand Bevel* | *Trapezoidal*

INMES

Why is the reduction in blade vibration important?

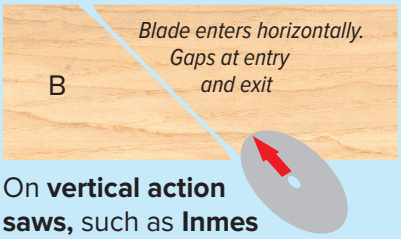
Excessive vibration causes the cut to be wider than the kerf of the teeth, but not uniformly so.

The effects are most noticeable at the start and end of the cut, when the material itself cannot 'guide' the blade. See A.

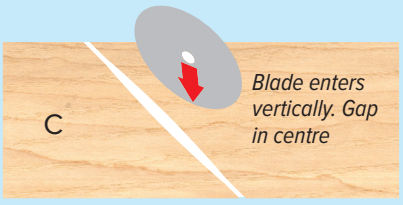
Low vibration - cut is true to kerf

High vibration - cut is wider than kerf

On **horizontal action saws,** such as some Cassese and Brevetti models, vibration can cause slightly larger gaps at the entry and exit of the blade. These will show up when the moulding is joined. See B.

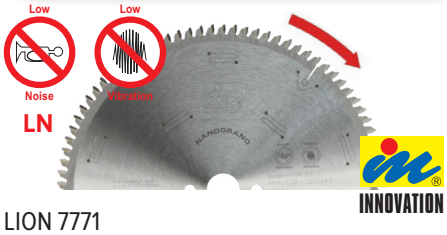


On **vertical action saws,** such as **Inmes IM-30** and **IM-300,** vibration can create a gap in the centre of the mitre. This may be most obvious on contemporary wide, flat mouldings, where there is no high point to 'grip' the blade as it enters the moulding. See C.



In both cases excessive vibration may also chip the gesso along the cut line.

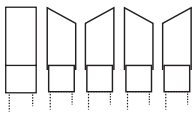
For Wood mouldings



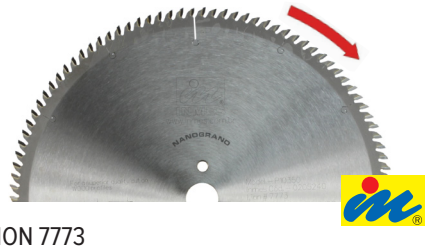
LION 7771

Blade Ø (mm)	Arbor Ø (mm)	Z	B (mm)	b (mm)	Rake
300	30	90	3.0	2.5	-5°

TCT, Combination.
Special innovative design by INMES engineers



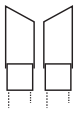
7771 300mm x 90th £ 62.93



LION 7773

Blade Ø (mm)	Arbor Ø (mm)	Z	B (mm)	b (mm)	Rake
350	30	108	3.5	2.5	+8°

TCT, Alternate Top Bevel.

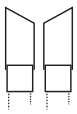


7773 350mm x 108th £ 66.10

LION 7777

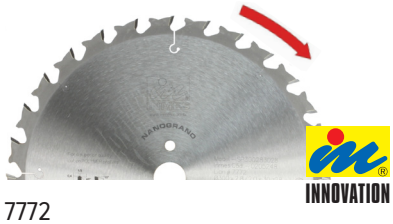
Blade Ø (mm)	Arbor Ø (mm)	Z	B (mm)	b (mm)	Rake
400	30	120	3.8	2.8	+8°

TCT, Alternate Top Bevel.



7777 400mm x 120th £ 93.64

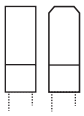
For Polymer mouldings



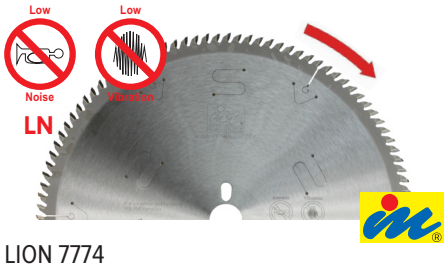
LION 7772

Blade Ø (mm)	Arbor Ø (mm)	Z	B (mm)	b (mm)	Rake
300	30	28	2.8	2	+15°

TCT, Triple Chip Grind.
Special innovative design by INMES engineers



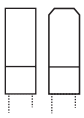
7772 300mm x 28th £ 58.75



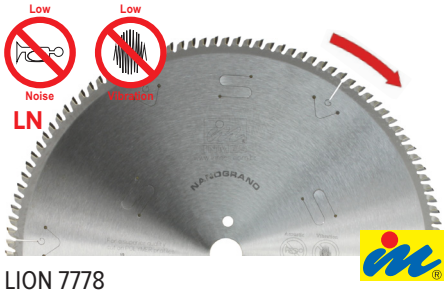
LION 7774

Blade Ø (mm)	Arbor Ø (mm)	Z	B (mm)	b (mm)	Rake
350	30	108	3.5	2.5	+8°

TCT, Triple Chip Grind.



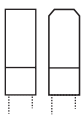
7774 350mm x 108th £ 74.41



LION 7778

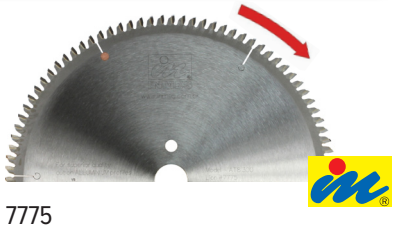
Blade Ø (mm)	Arbor Ø (mm)	Z	B (mm)	b (mm)	Rake
400	30	120	3.8	2.8	+8°

TCT, Triple Chip Grind.



7778 400mm x 120th £ 99.14

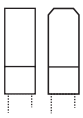
For Aluminium mouldings



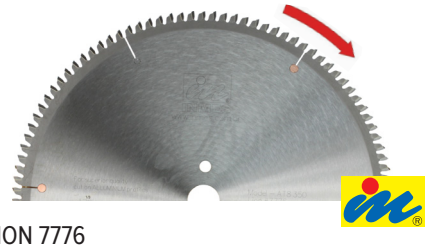
LION 7775

Blade Ø (mm)	Arbor Ø (mm)	Z	B (mm)	b (mm)	Rake
300	30	96	3.4	2.8	-5°

TCT, Triple Chip Grind.



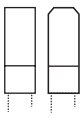
7775 300mm x 96th £ 76.30



LION 7776

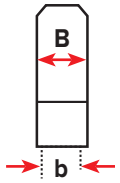
Blade Ø (mm)	Arbor Ø (mm)	Z	B (mm)	b (mm)	Rake
350	30	108	3.4	2.8	-5°

TCT, Triple Chip Grind.



7776 350mm x 108th £ 84.85

These high quality circular saw blades are manufacured in Italy for INMES.
They fit all popular saws from Inmes, Cassese, Alfamacchine, Brevitti and most others.



Key
Z = No. of teeth
B = Tooth width
b = Plate thickness

For current prices please check our website or speak to a member of our sales team.

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info@lionpic.co.uk

Any prices quoted are correct as at December 2015. Please check before ordering.