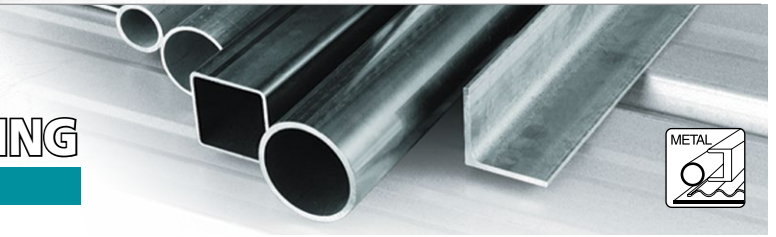


Metal Cutting

SPECIALIZED FOR COLD METAL CUTTING **MOBILE METAL CUTTING SAWS**



Makita's range of steel cutting saw blades are designed to cut faster and cleaner.

Specially formulated carbide, combined with a special tip design, resists breakage on impact and lasts longer when cutting mild steel, sheetmetal, pipe, channel and threaded rod. Cutting quicker and cleaner, Makita metal cutting blades will outlast traditional abrasive discs up to 30 times.















- “ Specially formulated carbide tips, precision ground for fast clean cutting
- “ Low sparking and minimal dust production
- “ Cool cuts with burr free edges
- “ Reduced cost per cut



Part No.	Description	Kerf (mm)	Rake (Deg°)	Max RPM	Tooth Shape	Barcode
MOBILE METAL CUTTING SAWS						
B-15724	136 x 20 x 30T	1.5	0°	4500	MTCG	0088381363877
B-15730	136 x 20 x 50T	1.4	-15°		ATB	0088381363884
B-47117	150 x 20 x 32T	1.5	0°	4680	MTCG	0088381454247
B-47117-2	150 x 20 x 32T	TWIN PACK				9317340150595
B-68292	150 x 20 x 32T	1.1	0°	4680	MTCG	0088381545235
B-47123	150 x 20 x 52T	1.4	-15°		ATB	0088381454254
B-47123-2	150 x 20 x 52T	TWIN PACK				9317340150601
B-15746	160 x 20 x 46T	1.6	0°	4770	MTCG	0088381363891
B-15752	160 x 20 x 56T		-15°		ATB	0088381363907

MOBILE COLD METAL CUTTING BLADE CHART

 APPLICATIONS ◎ : EXCELLENT ○ : GOOD												
		STEEL PIPE Ø25 T=1.2mm	ANGLE IRON 30x30 T=3.0mm	METAL TUBE 30x30 T=3-12mm	METAL SHEET 30x30 T=3-10mm	CHANNEL 40x45 T=1.6mm	CORRUGATED SHEET T=0.1-0.9mm	METAL STUD T=0.56mm 25Ga	STAINLESS TUBING 30x30 T=1.5mm	STAINLESS ANGLE IRON 30x30 T=3.0mm	STAINLESS CHANNEL 40x45 T=1.6mm	STAINLESS SHEET T=1.5mm
136 x 20 x 30T General Purpose	B-15724	◎	◎			◎						
136 x 20 x 50T Thin Metal	B-15730						◎	◎				
136 x 20 x 56T Cermet Tip 304 Grade S/Steel	B-23092	◎	○			◎			◎	○	◎	◎
150 x 20 x 32T General Purpose	B-47117	◎	◎			◎						
150 x 20 x 32T Cermet Tip 3-12mm Metal	B-68292			◎	◎	◎						
150 x 20 x 52T Thin Sheet Metal	B-47123						◎	◎				
150 x 20 x 60T Cermet Tip 304 Grade S/Steel	B-47139	◎	○			◎			◎	○	◎	◎
160 x 20 x 46T General Purpose	B-15746	○	◎			◎	○	○				
160 x 20 x 56T Thin Metal	B-15752	◎				○	◎	◎				

Metal Cutting



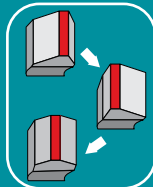
- 1.1mm Kerf - Less Resistance
- 50% More Cuts (Per Charge)
- 60% Faster Cutting Speed
- Cermet Tip - Longer Life



Part No.	Description	Capacity	Kerf (mm)	Rake (Deg°)	Max RPM	Tooth Shape	Barcode
B-69347	136 x 20 x 30T	1 - 5mm	1.1	0°	4500	MTCG	0088381548168
B-69353	136 x 20 x 45T	Under 2mm	1.1	0°	4500	MTCG	0088381548175
B-69369	150 x 20 x 33T	1 - 5mm	1.1	0°	4680	MTCG	0088381548182
B-69375	150 x 20 x 48T	Under 2mm	1.1	0°	4680	MTCG	0088381548199

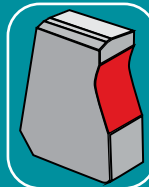
1.1MM KERF

- Less Resistance
- Less Waste
- Cermet Tip
- Longer Life



NEW EFFICUT

- Teeth Design
- Longer Runtime
- Faster Cutting



SILENCER DESIGN

- Laser Etched
- Resin Filled
- Quieter Cutting



MOBILE EFFICUT COLD METAL CUTTING BLADE SELECTION CHART

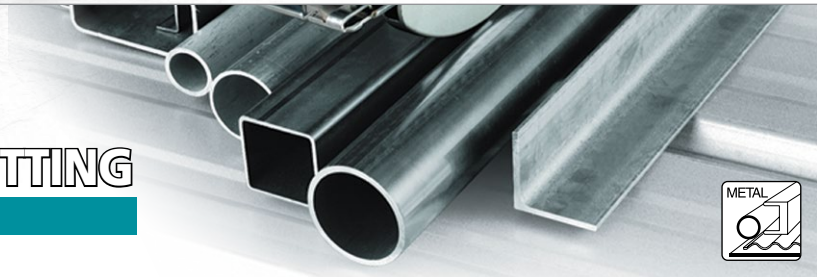
		Mild Steel / Iron						304 Grade S/Steel			
APPLICATIONS											
		STEEL PIPE 1-5mm Well Thick	ANGLE IRON 1-5mm Thick	CHAN- NEL 40x40 1-5mm Thick	MILD STEEL PLATE 1-5mm Thick	ROOF SHEET 0.1-2mm	METAL STUD 0.5mm 25Ga	S/STEEL 30x30 TUBE 1.5mm	S/STEEL ANGLE IRON 2mm	S/STEEL CHAN- NEL 40x40 1.6mm	S/STEEL SHEET 1.5mm
136 x 20 x 30T General Purpose	B-69347	⊙	⊙	⊙	⊙						
136 x 20 x 45T Thin Metal	B-69353					⊙	⊙	○	○	○	○
150 x 20 x 33T General Purpose	B-69369	⊙	⊙	⊙	⊙						
150 x 20 x 48T Thin Metal	B-69375					⊙	⊙	○	○	○	○

⊙ : EXCELLENT

○ : GOOD

Metal Cutting

SPECIALIZED FOR COLD METAL CUTTING METAL CUTTING 240V COLD SAWS




Makita's range of steel cutting saw blades are designed to cut faster and cleaner.

Specially formulated carbide, combined with a special tip design, resists breakage on impact and lasts longer when cutting mild steel, sheet, pipe, channel and threaded rod. Cutting quicker and cleaner, Makita metal cutting blades will outlast traditional abrasive discs up to 30 times.

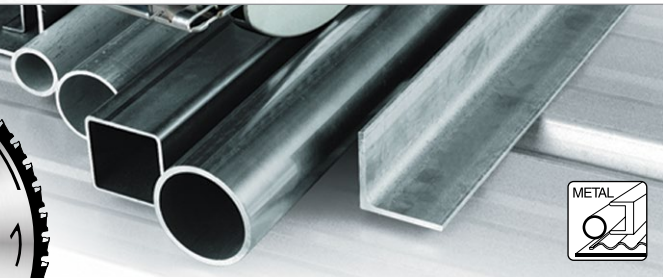
- “ Specially formulated carbide tips, precision ground for fast clean cutting
- “ Low sparking and minimal dust production
- “ Cool cuts with burr free edges
- “ Reduced cost per cut



Part No.	Description	Kerf (mm)	Rake (Deg°)	Max RPM	Tooth Shape	Barcode
METAL CUTTING 240V COLD SAWS						
B-15774	185 x 20 x 38T	2.0	0°	5800	MTCG	0088381363921
E-14308	185 x 20 x 38T	1.4			TCG	0088381593656
B-15780	185 x 20 x 48T	2.0			MTCG	0088381363938
B-15796	185 x 20 x 70T	1.7	-10°	5800	FTG	0088381363945
B-15796-2	185 x 20 x 70T	TWIN PACK				9317340150625
METAL CUTTING 240V COLD SAWS – <i>CERMET BLADES</i>						
B-15768	185 x 20 x 36T	1.9	0°	5800	ATB	0088381363914
B-15768-2	185 x 20 x 36T	TWIN PACK				9317340150618
B-23335	185 x 20 x 48T	1.85	0°	5800	SMTCG	0088381407519
B-23379	185 x 20 x 56T					0088381407557

COLD METAL CUT TCT SAW BLADE CHART															
 APPLICATIONS ◎ : EXCELLENT ○ : GOOD △ : FAIR		METAL SHEET		C-STUD		ANGLE-STUD		METAL STUD		REBAR	PIPE		CORRUGATED SHEET		
		T=1.5	S/STEEL T=3.0	50x100 T=1.6	S/STEEL 45x90 T=3.2	50x50 T=4	S/STEEL 50x50 T=6	T=0.56 25Ga	T=1.6 16Ga	ø20	SQUARE PIPE 50x100 T=3.2	CONDUIT PIPE ø25 T=1.2	S/STEEL ø60 T=3.8	T=0-0.9	T=1.0 -2.0
Size (mm)	Part No.														
185 x 38T	B-15774	△	○	△	○	○	◎		△	○	○	◎	○		
185 x 38T	E-14308					◎				◎	◎	△			
185 x 48T	B-15780	○	○	○	○	△	○		◎	△	○	◎	△		△
185 x 70T	B-15796	◎	△					◎						◎	△
185 x 36T Cermet Tip Type	B-15768		◎		◎	◎	◎			◎	◎	△	◎		
185 x 48T Cermet Long Life	B-23335	○	◎	◎	◎	○	◎	◎	◎	○	◎	◎	◎		◎
185 x 56T Cermet Long Life	B-23379	◎	○	◎	△	◎	△	◎	◎	△	△	◎	△	△	◎
185 x 64T Cermet Tip Type 304 Grade S/Steel	B-31675	◎	○	◎	△	◎	△	◎	◎	△	△	◎	△	△	◎









Metal Cutting



- 50% More Cuts (Per Charge)
- 60% Faster Cutting Speed
- Cermet Tip - Longer Life



Part No.	Description	Kerf (mm)	Rake (Deg°)	Max RPM	Tooth Shape	Barcode
METAL CUTTING 240V COLD SAWS						
E-12871	185 x 20 x 45T	1.4	0°	5800	SMT CG	0088381589895
E-12887	136 x 20 x 60T	1.4	0°	5800	SMT CG	0088381589901

		ELECTRIC COLD METAL CUTTING SAW BLADE CHART													
 APPLICATIONS 🟢: EXCELLENT 🟡: GOOD 🟠: FAIR		METAL SHEET		C-STUD		ANGLE-STUD		METAL STUD		REBAR	PIPE		CORRUGATED SHEET		
															
Size (mm)	Part No.	T=1.5	S/STEEL T=3.0	50x100 T=1.6	S/STEEL 45x90 T=3.2	50x50 T=4	S/STEEL 50x50 T=6	T=0.56 25Ga	T=1.6 16Ga	ø20	SQUARE PIPE 50x100 T=3.2	CONDUIT PIPE ø25 T=1.2	S/STEEL ø60 T=3.8	T=0-0.9	T=1.0 -2.0
185 x 45T Efficut Metal	E-12871	🟡	🟢	🟢	🟢	🟡	🟢	🟢	🟢	🟡	🟢	🟢	🟢		🟢
185 x 60T Efficut Metal	E-12887	🟢	🟡	🟢	🟠	🟢	🟠	🟢	🟢	🟠	🟠	🟢	🟠	🟠	🟢

THIN KERF

- Less Resistance
- Less Waste
- Cermet Tip
- Longer Life

NEW EFFICUT










- Teeth Design
- Longer Runtime
- Faster Cutting

SILENCER DESIGN

- Laser Etched
- Resin Filled
- Quieter Cutting



Part No.	Description	Kerf (mm)	Rake (Deg°)	Max RPM	Tooth Shape	Barcode
METAL CUTTING BENCH MOUNTED COLD SAWS						
E-12061	305 x 25.4 x 63T	2.0	0°	2000	SMT CG	0088381585279

		BENCH MOUNTED METAL CUTTING SAW BLADE CHART								
APPLICATIONS										
◎: EXCELLENT ○: GOOD △: FAIR										
Size (mm)	Part No.	ANGLE (around 4mm)	ANGLE (around 6mm)	TUBING (around 3mm)	TUBING (around 4.5mm)	CHANNEL (around 2.3mm)	CHANNEL (around 3.2mm)	ROUND PIPE (around 3.8mm)	STAINLESS TUBING (around 1.5mm)	STAINLESS ANGLE (around 4mm)
305 x 63T Tip Thickness 2.0mm	E-12061	◎	◎	○	△		◎	◎		

Metal Cutting

SPECIALIZED FOR COLD METAL CUTTING METAL CUTTING BENCH MOUNTED COLD SAWS

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Specially formulated carbide, combined with a special tip design, resists breakage on impact and lasts longer when cutting mild steel, sheet, pipe, channel and threaded rod. Cutting quicker and cleaner, Makita metal cutting blades will outlast traditional abrasive discs up to 30 times.

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- “ Low sparking and minimal dust production
- “ Cool cuts with burr free edges
- “ Reduced cost per cut



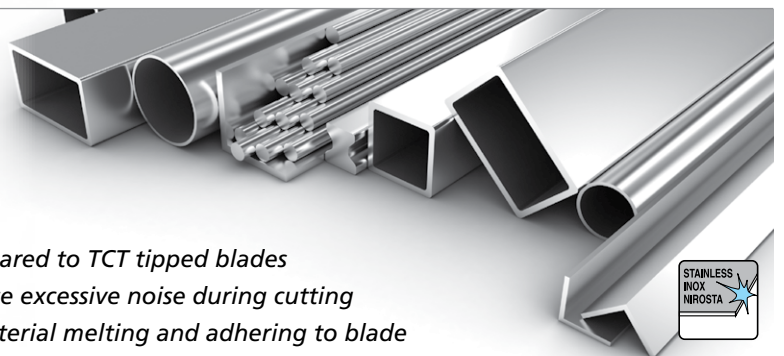
LC1230



Part No.	Description	Kerf (mm)	Rake (Deg°)	Max RPM	Tooth Shape	Barcode
METAL CUTTING BENCH MOUNTED COLD SAWS						
B-15805	305 x 25.4 x 60T	2.1	0°		TCG	0088381363952
B-15811	305 x 25.4 x 78T	2.3	-5°	2000	MTCG	0088381363969
B-15827**	305 x 25.4 x 60T	2.4	0°		TCG	0088381363976

CARBIDE-TIPPED METAL BLADES FOR MANY APPLICATIONS										
APPLICATIONS ● : EXCELLENT ○ : GOOD △ : FAIR										
Size (mm)	Part No.	ANGLE (around 4mm)	ANGLE (around 6mm)	TUBING (around 3mm)	TUBING (around 4.5mm)	CHANNEL (around 2.3mm)	CHANNEL (around 3.2mm)	ROUND PIPE (around 3.8mm)	STAINLESS TUBING (around 1.5mm)	STAINLESS ANGLE (around 4mm)
305 x 60T Tip Thickness 2.1mm	B-15805	●	●	○	△		●	●		
305 x 60T Tip Thickness 2.3mm	B-15811	●	●	●	○		●	●		
305 x 78T Lessened Noise 2.4mm	B-15827	△	△	△		○	△	△		
305 x 100T Cermet Tip Type 304 Grade S/Steel	B-23139	△	△			○		△	●	●

SPECIALIZED FOR STAINLESS STEEL 304 GRADE



- “ Cermet (Ceramic / Metal) Tip for longer life compared to TCT tipped blades
- “ Laser-etched and Resin-filled blade body to reduce excessive noise during cutting
- “ Unique tooth design to prevent chipping and material melting and adhering to blade

Part No.	Description	Kerf (mm)	Rake (Deg°)	Max RPM	Tooth Shape	Barcode
Note: Both stainless steel cutting blades are best suited for 304 grade stainless steel. Cutting higher grade stainless will reduce the cutting life of the blade.						
B-23092***	136 x 20 x 56T	1.1	0°	4500	SMT CG	0088381406246
B-47139***	150 x 20 x 60T	1.1	0°	4680		0088381454261
B-31675***	185 x 20 x 64T	1.6	0°	5800		0088381420075
B-23139***	305 x 25.4 x 100T	1.95	-3°	2000		0088381406284

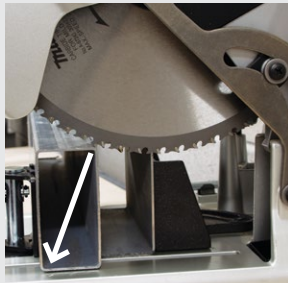


◆ Denotes Cermet Blade ***Lessened Noise Blade

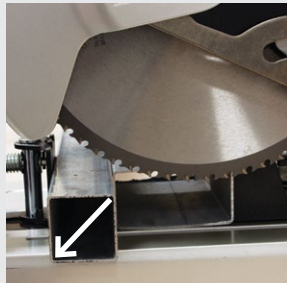
Metal Cutting

LC1230 - CORRECT MATERIAL SETUP FOR LONGER BLADE LIFE

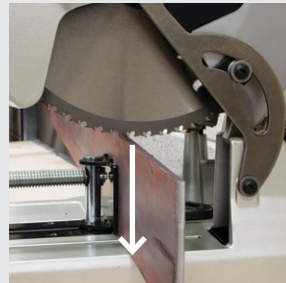
To make the most of the blade life on the LC1230, it is essential to set up the stock correctly. To keep the tungsten teeth cool ensures the teeth do not dull prematurely, less teeth involved in the cut at any one time helps to reduce metal fatigue and promotes longer blade life. By simply using material spacer blocks so the blade is progressively milling the metal out of the cut assists in a longer blade life.



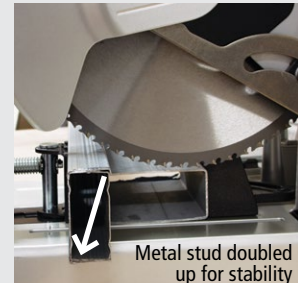
Correct RHS



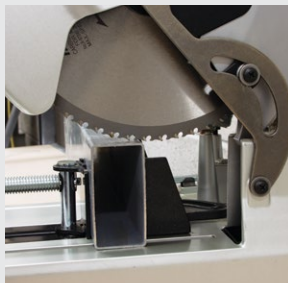
Correct SHS



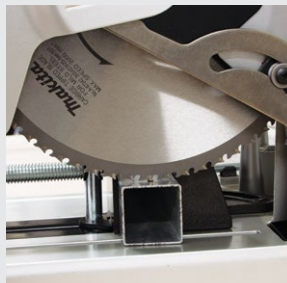
Correct flat bar



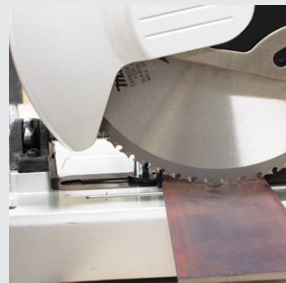
Correct metal stud



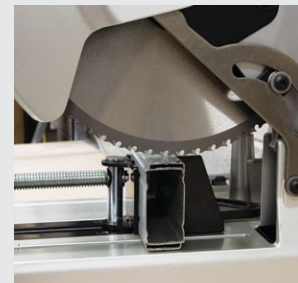
Incorrect RHS



Incorrect SHS

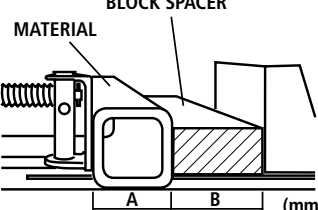


Incorrect flat bar



Incorrect metal stud

BLOCK SPACER REFERENCE CHART for LC1230

APPLICATIONS		SQUARE & RECTANGLE TUBING				ROUND PIPE		SQUARE & RECTANGLE TUBING		ROUND PIPE			
The height of material		90 DEGREE CUTTING	Up to 75mm		Up to 100mm		—		45 DEGREE CUTTING	Up to 85mm		—	
			A	B	A	B	A	B		A	B	A	B
			25	125	25	75	25	90		25	60	25	65
			50	100	50	50	50	65		50	35	50	40
			75	75	75	25	75	40		75	10	75	15
			100	50	100	0	100	15		85	0	90	
			125	25	—	—	115	0		—	—	—	
			*150	0	—	—	—	—		—	—	—	

*HINT: Block Spacer should be determined by subtracting the metal width from 150mm.

DSC250ZK / DSC251ZK - REBAR SAW BLADE



Note: Deforms threaded rod when cut.

SUITS
DSC250ZK
DSC251ZK

15% FASTER CUTS

90% LONGER LIFE

Compared to the previous
SC09003260 blade

Part No.	Description	Kerf (mm)	Rake	Max RPM	Tooth Shape	Barcode
E-11097	EFFICUT METAL 110 x 34 x 24T	1.5	0°	2200	SMTGC	0088381581752