



**Because all types of cutting are not the same, the same chain shouldn't be used in all applications. Carlton has prepared this guide to help you in selecting the right chain for the job.**

Chain for use in falling, limbing and bucking in a clean environment.	<b>Chisel Chains</b>	
	Pitch	Part Numbers
	.325"	K1L, K2L, K3L, K1L-BL, K2L-BL, K3L-BL
	3/8"	A1LM, A2LM, A3LM, A1LM-BL, A2LM-BL, A3LM-BL, A1LM-GL, A2LM-GL, A3LM-GL
	.404"	B2LM, B3LM

Chain for use in cutting in dirty or abrasive conditions.	<b>Semi-Chisel Chains</b>	
	Pitch	Part Numbers
	.325"	K1C, K2C, K3C, K1C-BL, K2C-BL, K3C-BL
	3/8"	A1EP, A2EP, A3EP, A1EP-BL, A2EP-BL, A3EP-BL, A1EP-GL, A2EP-GL, A3EP-GL
	.404"	B2EP, B3EP

Used in very abrasive situations such as burned timber, railroad sleepers, wood in river beds, etc. (G7S harvester chain is not intended for hand held use.)	<b>Chipper Chains</b>	
	Pitch	Part Numbers
	3/8"	A1S, A2S, A3S
	.404"	B2S, B3S
	.750"	G7S

Professional use chains. Used in saw mills and harvesters. Harvester chain is not intended for hand held use.	<b>Harvester (Semi-Chisel) Chains</b>	
	Pitch	Part Numbers
	.404"	B3H, B3M, B5M

Professional use chain. Makes a smooth, fast cut with larger chainsaws.	<b>MICROCUT® Chains</b>	
	Pitch	Part Numbers
	.404"	B3RM-35

Tree trimming from a bucket, arborist work or used as a climbing saw.	<b>Semi-Chisel Chains</b>	
	Pitch	Part Numbers
	3/8"	N1C, N1C-BL
	Low Profile	N4C, N4C-BL (Narrow Kerf .043" gauge)

For ripping cuts, making planks and boards from large timbers.	<b>Ripping (Semi-Chisel) Chains</b>	
	Pitch	Part Numbers
	.404"	B3H-RP

For smoother ripping cuts, making planks and dimensional boards cutting parallel to the grain.	<b>MICROCUT® Chains</b>	
	Pitch	Part Numbers
	.404"	B3RM-10

Narrow kerf chain for smaller saws, tree trimming, arborist work, pole pruners.	<b>Narrow Kerf (Semi-Chisel) Chains</b>	
	Pitch	Part Numbers
	.325"	K1NK, K1NK-BL

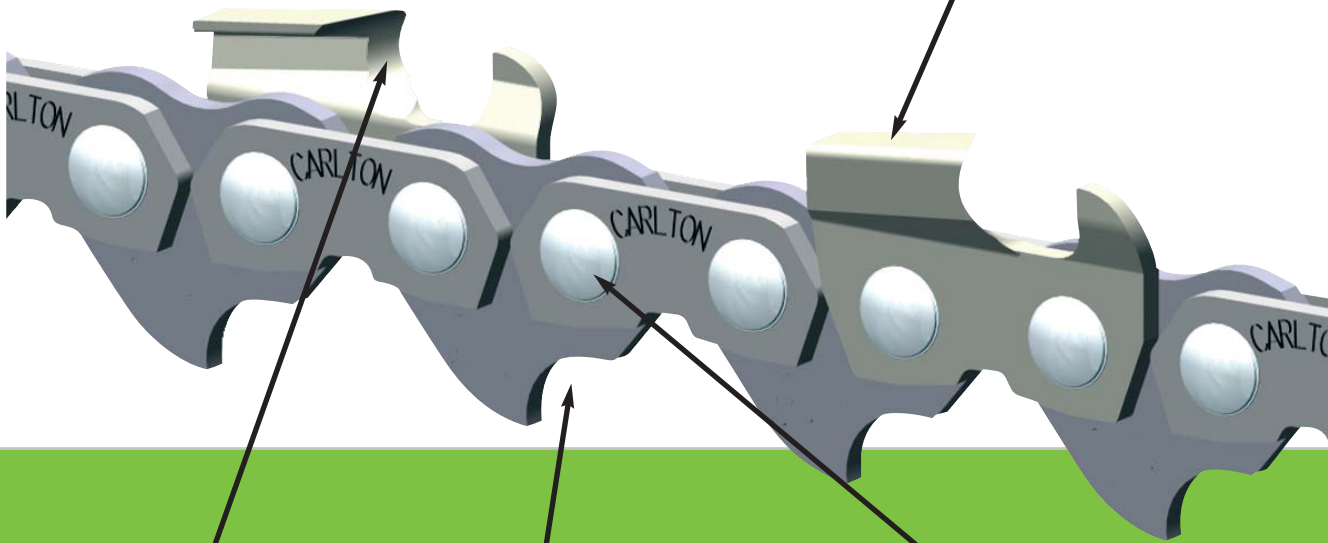
## Every Carlton Saw Chain is built with these important features...

### Nickel Alloy Steel

All Carlton drive links, tie straps, guard links, and cutters are fabricated from special alloy steel. This specially engineered steel adds toughness, abrasive resistance and ductility in all kinds of climates, from the heat of the tropics to the freezing cold winter.

### Industrial Chrome Plating

All Carlton Saw Chain cutters are plated with hard industrial chrome. This process yields superior edge-holding qualities to other types of plating. In the field, Carlton Saw Chain stays sharper longer.



### Exclusive Honed Sharp Cutters

Another Carlton exclusive. Unlike the competition, every Carlton Saw Chain is sharpened after assembly to cut fast out of the box. You can feel the difference. There's no need to touch up a new Carlton Saw Chain.

### Roto Blasting

All Carlton Saw Chain cutters, drive links and bumper links are shot peened for increased tensile strength. A similar process is used on automotive leaf springs. Roto blasting makes Carlton parts tougher.

### Hypodermic Lubrication

All Carlton Saw Chain is injected at the rivet bearings with a hypoid lubricant to reduce bearing wear during "break-in". Only Carlton pre-lubes each bearing during assembly for longer chain life in the field.



### Carlton Quality Auditing

Carlton's Quality Auditors are as tough as the chains we build. They inspect all phases of the manufacturing process to some of the tightest tolerances in the industry - OUR OWN.



## A CARLTON SAW CHAIN...

While there are several styles of Carlton Saw Chain available to fit most chain saws, Carlton Company recommends that you select the cutter style that is best suited for your cutting conditions. For many applications, semi-chisel chain is the best compromise of speed and durability. Chisel chain generally cuts faster and performs better in cleaner cutting conditions.

## CHAIN LOOPS AVAILABLE UPON REQUEST

JAK MAX will make up your chains if required. When ordering please use the chain prefix part number, followed by the drive link count.

**Example: A2EP x 72 = 1 x A2EP - 3/8" - .058" CHAIN, 72 DRIVE LINKS LONG**

## THE CARLTON SAW CHAIN NUMBERING SYSTEM

Example	A	2	LM	60	E
A2LM-60E	3/8" Pitch	.058" Gauge	Magna Chisel	60 Drive Link	Endless Loop

First Letter Denotes Pitch
<b>A</b> 3/8"
<b>B</b> .404"
<b>E</b> 1/4"
<b>G</b> .750"
<b>K</b> .325"
<b>N</b> 3/8" Lo Pro

First Numer Denotes Gauge
<b>1</b> .050" (1.3mm)
<b>2</b> .058" (1,5mm)
<b>3</b> .063" (1.6mm)
<b>4</b> .043" (1.1mm)
<b>5</b> .080" (2.0mm)
<b>7</b> .122" (3.1mm)

Second Letter(s) Denotes Cutter Type
<b>C</b> Champion (semi chisel)
<b>EP</b> Type "E" Prof. (semi chisel)
<b>L</b> Chisel
<b>LM</b> Magna Chisel
<b>M</b> Harvester Machine
<b>MC</b> Micro Chisel
<b>RM</b> Microcut (chamfer chisel)
<b>RP</b> Ripping
<b>S</b> "S" Style (chipper)

Suffix Denotes Specialty Chain and Sequencing
<b>E</b> Endless Loop
<b>GL</b> Guard Link
<b>BL</b> Bumper Link
<b>SK</b> Skip Sequence
<b>SG</b> Square Ground

Last numbers denote roll length
<b>-25R</b> = 25 foot roll
<b>-100R</b> = 100 foot roll

Part No.	Pitch	Gauge		
<b>1/4" Pitch &amp; 3/8" Low Profile</b>				
<b>E1MC</b>	1/4"	.050" (1.3 mm)		
<b>N1C</b>	3/8" Lo Pro	.050" (1.3 mm)		

<b>1/4" Pitch &amp; 3/8" Low Profile - Bumper Link</b>				
<b>E1MC-BL</b>	1/4"	.050" (1.3 mm)		
<b>N1C-BL</b>	3/8" Lo Pro	.050" (1.3 mm)		

\*N1C-BL meet the ANSI low kickback requirements.

<b>Narrow Kerf</b>				
<b>K1NK</b>	.325"	.050" (1.3 mm)		
<b>N4C</b>	3/8" Lo Pro	.043" (1.1 mm)		

<b>Narrow Kerf - Bumper Link</b>				
<b>K1NK-BL</b>	.325"	.050" (1.3 mm)		
<b>N4C-BL</b>	3/8" Lo Pro	.043" (1.1 mm)		

\*K1NK-BL, N4C-BL meet ANSI low kickback requirements.

Chisel	Semi Chisel	Micro Chisel	"S" Style	Bumper Link	Narrow Kerf	Guard Link	Filing Angle



Part No.	Pitch	Gauge	
			<b>Semi-Chisel</b>
<b>K1C</b>	.325"	.050" (1.3 mm)	
<b>K2C</b>	.325"	.058" (1.5 mm)	
<b>K3C</b>	.325"	.063" (1.6 mm)	
<b>A1EP</b>	3/8"	.050" (1.3 mm)	
<b>A2EP</b>	3/8"	.058" (1.5 mm)	
<b>A3EP</b>	3/8"	.063" (1.6 mm)	
<b>B2EP</b>	.404"	.058" (1.5 mm)	
<b>B3EP</b>	.404"	.063" (1.6 mm)	

			<b>Semi-Chisel - Bumper Link</b>
<b>K1C-BL</b>	.325"	.050" (1.3 mm)	
<b>K2C-BL</b>	.325"	.058" (1.5 mm)	
<b>K3C-BL</b>	.325"	.063" (1.6 mm)	
*K1C-BL, K2C-BL and K3C-BL meet the ANSI low kickback requirements.			
<b>A1EP-BL</b>	3/8"	.050" (1.3 mm)	
<b>A2EP-BL</b>	3/8"	.058" (1.5 mm)	
<b>A3EP-BL</b>	3/8"	.063" (1.6 mm)	

			<b>Semi-Chisel - Guard Link</b>
<b>A1EP-GL</b>	3/8"	.050" (1.3 mm)	
<b>A2EP-GL</b>	3/8"	.058" (1.5 mm)	
<b>A3EP-GL</b>	3/8"	.063" (1.6 mm)	
*A1EP-GL, A2EP-GL, A3EP-GL meet the ANSI low kickback requirements.			

Chisel	Semi Chisel	Micro Chisel	"S" Style	Bumper Link	Narrow Kerf	Guard Link	Filing Angle

## Saw Chain Conversion Chart

Carlton	Chain Type	Pitch	Gauge	ANSI	Oregon	Stihl	Windsor
<b>E1MC</b>	Micro Chisel Chain	1/4"	.050" (1.3 mm)	■	-	-	-
<b>E1MC-BL</b>	Micro Chisel Chain with Bumper Link	1/4"	.050" (1.3 mm)	■	25AP	-	-
<b>K1L</b>	Chisel Chain	.325"	.050" (1.3 mm)	■	33LG	23RS	50JL
<b>K2L</b>	Chisel Chain	.325"	.058" (1.5 mm)	■	34GL	25RS	58JL
<b>K3L</b>	Chisel Chain	.325"	.063" (1.6 mm)	■	35LG	26RS	63JL
<b>K1L-BL</b>	Chisel Chain with Bumper Link	.325"	.050" (1.3 mm)	■	20LP/33SL	23RM2	50JLG
<b>K2L-BL</b>	Chisel Chain with Bumper Link	.325"	.058" (1.5 mm)	■	21LP/34SL	25RM2	58JLG
<b>K3L-BL</b>	Chisel Chain with Bumper Link	.325"	.063" (1.6 mm)	■	22LP/35SL	26RM2	63JLG
<b>K1NK</b>	Narrow Kerf Semi Chisel Chain	.325"	.050" (1.3 mm)	■	-	-	-
<b>K1NK-BL</b>	NK Semi Chisel Chain with Bumper Link	.325"	.050" (1.3 mm)	■	95VP	23RM	-
<b>K1C</b>	Semi Chisel Chain	.325"	.050" (1.3 mm)	■	-	-	50J
<b>K2C</b>	Semi Chisel Chain	.325"	.058" (1.5 mm)	■	-	-	58J
<b>K3C</b>	Semi Chisel Chain	.325"	.063" (1.6 mm)	■	-	-	63J
<b>K1C-BL</b>	Semi-Chisel Chain with Bumper Link	.325"	.050" (1.3 mm)	■	20BP	23RM	50JG
<b>K2C-BL</b>	Semi-Chisel Chain with Bumper Link	.325"	.058" (1.5 mm)	■	21BP	25RM	58JG
<b>K3C-BL</b>	Semi Chisel Chain with Bumper Link	.325"	.063" (1.6 mm)	■	22BP	26RM	63JG
<b>N4C</b>	Narrow Kerf Semi Chisel Chain	3/8" LP	.043" (1.1 mm)	■	-	61PMN	-
<b>N4C-BL</b>	NK Semi Chisel Chain with Bumper Link	3/8" LP	.043" (1.1 mm)	■	90SG	61PMN1	-
<b>N1C</b>	Semi Chisel Chain	3/8" LP	.050" (1.3 mm)	■	91VS	63PM	50R
<b>N1C-BL</b>	Semi Chisel Chain with Bumper Link	3/8" LP	.050" (1.3 mm)	■	91VG	63PM1	50RG
<b>A1LM</b>	Chisel Chain	3/8"	.050" (1.3 mm)	■	72LG	33RS	50AL
<b>A2LM</b>	Chisel Chain	3/8"	.058" (1.5 mm)	■	73LG	35RS	58AL
<b>A3LM</b>	Chisel Chain	3/8"	.063" (1.6 mm)	■	75LG	36RS	63AL
<b>A1LM-BL</b>	Chisel Chain with Bumper Link	3/8"	.050" (1.3 mm)	■	72LP	33RS	50ALG
<b>A2LM-BL</b>	Chisel Chain with Bumper Link	3/8"	.058" (1.5 mm)	■	73LP	35RS	58ALG
<b>A3LM-BL</b>	Chisel Chain with Bumper Link	3/8"	.063" (1.6 mm)	■	75LP	36RS	63ALG
<b>A1LM-GL</b>	Chisel Chain with Guard Link	3/8"	.050" (1.3 mm)	■	-	-	-
<b>A2LM-GL</b>	Chisel Chain with Guard Link	3/8"	.058" (1.5 mm)	■	-	-	-
<b>A3LM-GL</b>	Chisel Chain with Guard Link	3/8"	.063" (1.6 mm)	■	-	-	-
<b>A1EP</b>	Semi Chisel Chain	3/8"	.050" (1.3 mm)	■	72DG	33RM	50A
<b>A2EP</b>	Semi Chisel Chain	3/8"	.058" (1.5 mm)	■	73DG	35RM	58A
<b>A3EP</b>	Semi Chisel Chain	3/8"	.063" (1.6 mm)	■	75DG	36RM	63A
<b>A1EP-BL</b>	Semi Chisel Chain with Bumper Link	3/8"	.050" (1.3 mm)	■	72DP	33RM	50AG
<b>A2EP-BL</b>	Semi Chisel Chain with Bumper Link	3/8"	.058" (1.5 mm)	■	73DP	35RM	58AG
<b>A3EP-BL</b>	Semi Chisel Chain with Bumper Link	3/8"	.063" (1.6 mm)	■	75DP	36RM	63AG
<b>A1EP-GL</b>	Semi Chisel Chain with Guard Link	3/8"	.050" (1.3 mm)	■	72SG	33RM2	-
<b>A2EP-GL</b>	Semi Chisel Chain with Guard Link	3/8"	.058" (1.5 mm)	■	73SG	35RM2	-
<b>A3EP-GL</b>	Semi Chisel Chain with Guard Link	3/8"	.063" (1.6 mm)	■	75SG	36RM2	-
<b>A1EP-RP</b>	Semi Chisel Ripping Chain	3/8"	.050" (1.3 mm)	■	72RD	-	-
<b>A2EP-RP</b>	Semi Chisel Ripping Chain	3/8"	.058" (1.5 mm)	■	73RD	-	-
<b>A3EP-RP</b>	Semi Chisel Ripping Chain	3/8"	.063" (1.6 mm)	■	75RD	-	-
<b>A1S</b>	Chipper Chain	3/8"	.050" (1.3 mm)	■	-	-	-
<b>A2S</b>	Chipper Chain	3/8"	.058" (1.5 mm)	■	-	-	-
<b>A3S</b>	Chipper Chain	3/8"	.063" (1.6 mm)	■	-	-	-
<b>A1S-BL</b>	Chipper Chain with Bumper Link	3/8"	.050" (1.3 mm)	■	-	-	-
<b>A2S-BL</b>	Chipper Chain with Bumper Link	3/8"	.058" (1.5 mm)	■	-	-	-
<b>A3S-BL</b>	Chipper Chain with Bumper Link	3/8"	.063" (1.6 mm)	■	-	-	-