

With Excelsior, You Are Always Sharp!



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*With Excelsior ,
You Are Always Sharp !*

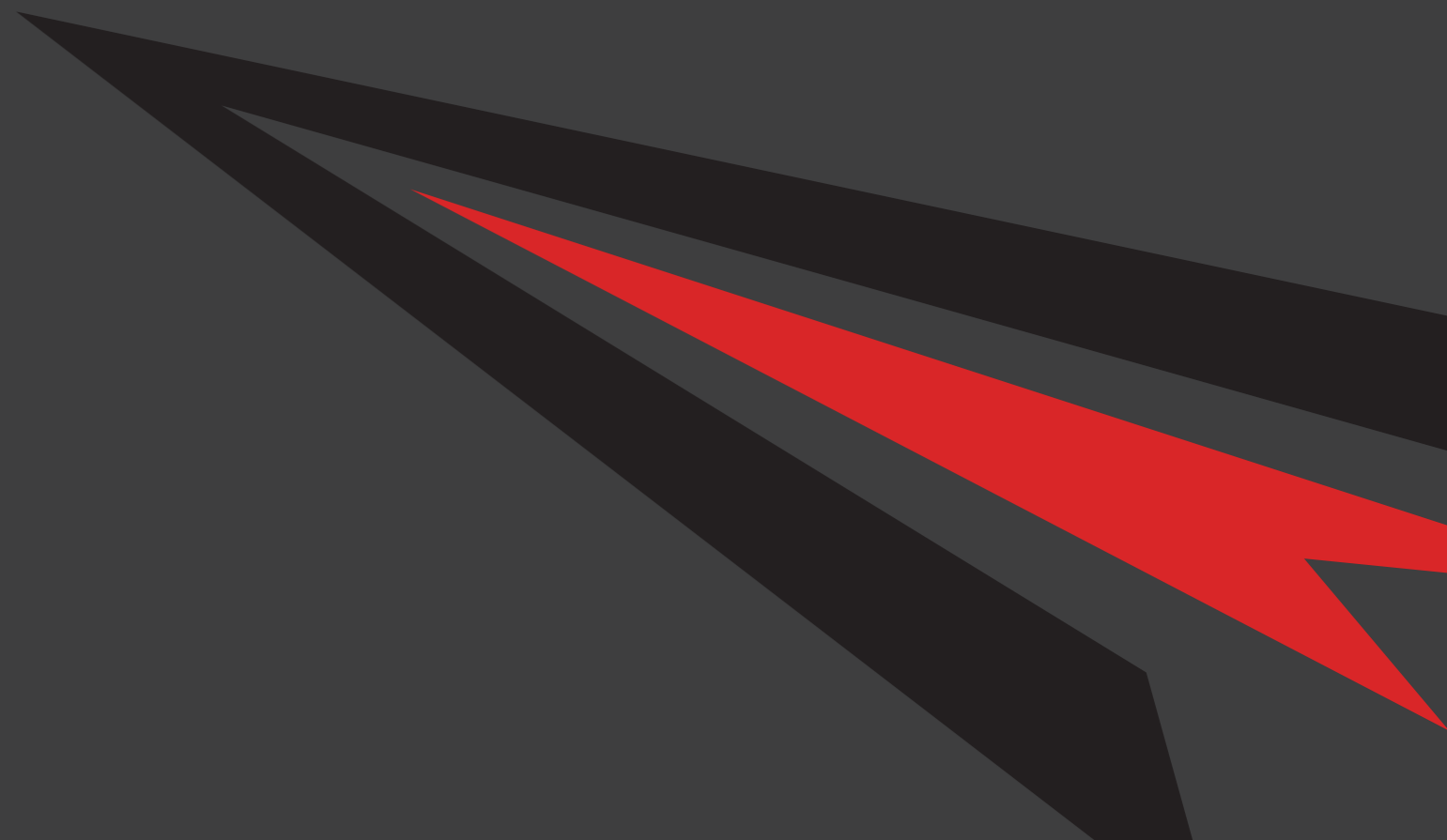


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E&S Company Overview



E&S Group is a global manufacturer of saw chains, guide bars, and chainsaw accessories. Our products are used daily in forestry, lawn, garden, farm, and agriculture scenes around the world.

Quality. Many companies claim to produce quality products but very few back up their claims with results. Our goal is nothing less than to become the global standard of quality. Today we make the best saw chain products in China, tomorrow we will make the best saw chain products in the world. As a company, we understand that our success will be determined by our reputation. As a result, all of our products are manufactured under strict quality control standards. This firm commitment to pursue higher quality through innovation and technology application is what sets E&S apart from other manufacturers. Our products hold numerous quality and production certifications such as ISO9001, UL, CE, RoHS and Reach.

Value. In addition to quality, we knew that end users of our products focus on value even more. E&S has combined quality and value to strive for the lowest cost-per-cut ratio in the industry. E&S has partnered with leading academic institutions across China and the Globe, to develop more efficient production techniques and more advanced products. Our collaboration with Shanghai University, Zhejiang University, and the Research Laboratory of the Chinese Academy of Science has resulted in countless innovative production processes and awards of over 140 patents.

Capacity. Our production facilities are currently located in Hangzhou E&S, Hangzhou Leishen, Hangzhou Qisen, and Wuhu E&S, China. With over 95,000 square meters (around 1,000,000 square feet) of production space, E&S now produces over 68,000,000 feet of saw chains, 8,000,000 guide bars and 1,200,000 sprockets per year. Our production capacity will continue to increase, and subsidiaries have been incorporated in both Europe and the United States. We anticipate the opening of the subsidiary production facility in the United States by the end of 2023.

Growth. E&S company was founded in 2003 with only 10 employees, we now employ over 500 people around the world. Our current distribution network reaches 35 countries and we are consistently looking for more partners to expand the market coverage of our products. The establishment of our US subsidiary: E&S America, continues our commitment to reach all global markets. E&S is a truly international brand dedicated to a reputation for quality, value, innovation, and reliability.

Don't just take our words for it. Talk to the hard-working timber men who use our products in the toughest forests across the world. Then choose E&S for your next project.





E&S SAW CHAIN

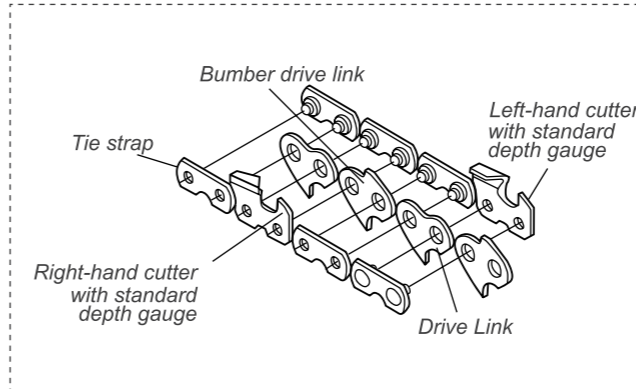
No matter you are a professional logger or an occasional home user, choose a super high-quality saw chain is the most crucial thing while you're facing heavy logging projects or home yard tackling chores, you are going to need the best chainsaw chain to get the job done. However, if you are using an inferior quality saw chain, not only will the work be arduous, but it will continue forever. You will also run the risk of chain binding and experiencing dangerous kickbacks. E&S saw chain is made of customized German special steel,

and equipped with heat-treated hard chromed cutters which can achieve the optimum wood bite, faster sharpening, and amazing durability. With the specialized design of the chain, lean production, excellent performance, and durability, It can meet the high standard requirements for coverage of professional forestry workers and Arborist in different working conditions and various chainsaw models. For such an excellent product, we can't recommend it highly enough.

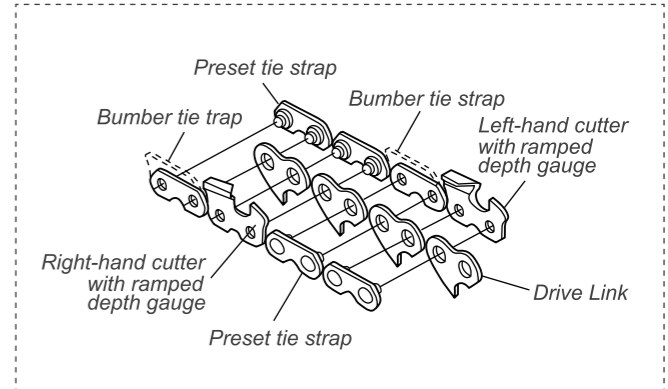
To help you understand the saw chain, a brief review of the components is necessary. Please use this page to refer to the terminology used in this book.

E&S Saw Chain Exploded View

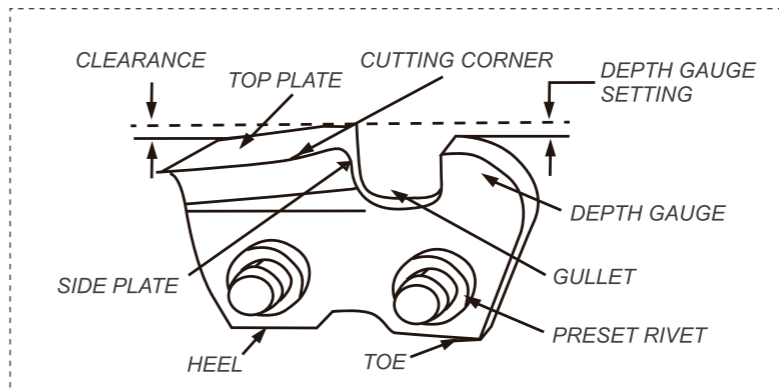
• Bumper Drive Link Chain



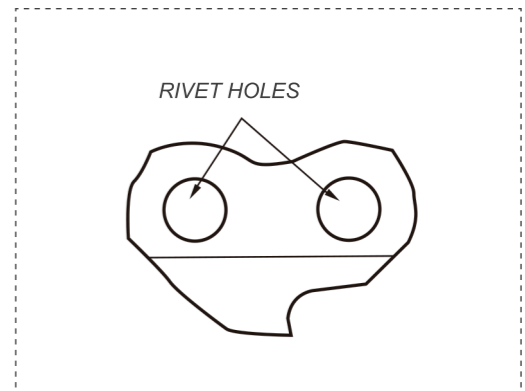
• Bumper Tie Strap Chain



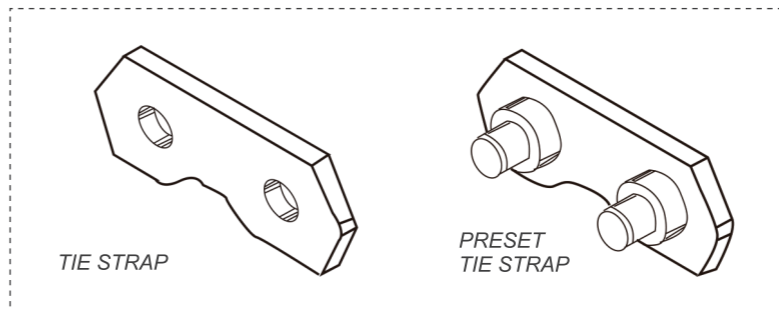
Cutter



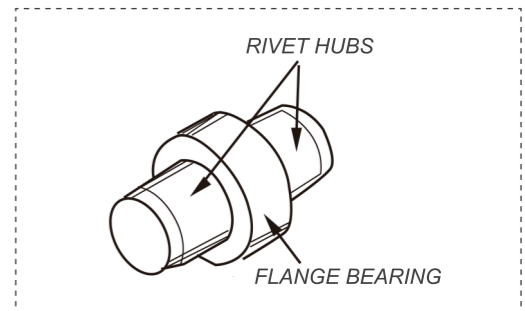
Drive Link



Tie Strap



Rivet



Bumper Drive Link



Bumper Tie Strap



High Top-plate Tail Location



Ramped Depth Gauge

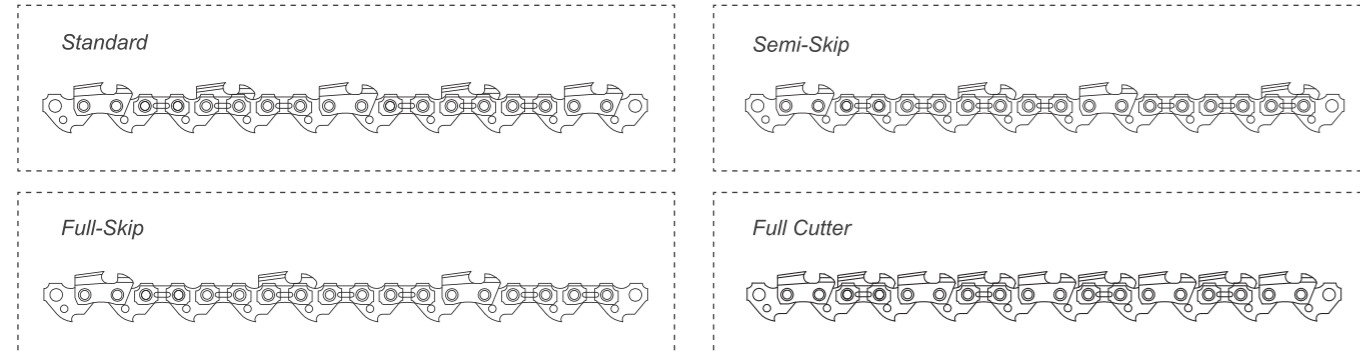
💡 E&S Technical Tip

Saw chain parts may look similar, but they are not interchangeable! Do not install used parts or mix parts from different manufacturers when repairing or assembling loop chains. Always use the same manufacturer's replacement parts.

E&S Saw Chain Brief Review

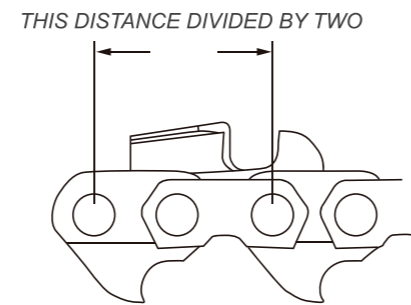
Chromed-plated cutters are manufactured under strict quality, strength and durability standards, with longer life and sharper cutting edges designed for precision, balance and low vibration. UL-certified chains meet all ANSI low-kickback chain standards.

CHAIN CUTTER SEQUENCE TERMINOLOGY



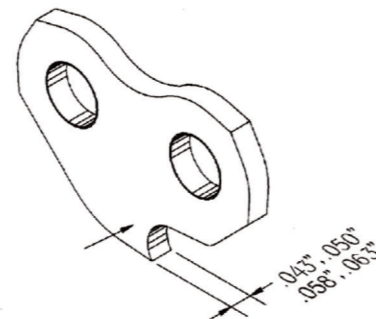
Saw Chain Pitch

The actual meaning of the word "pitch" is the size (measured in thousandths of an inch). The larger the pitch, the larger the size of the saw chain. Saw chain pitch is the distance between any three consecutive rivets, divided by two. For instance, a 3/8"(.375") pitch saw chain measures 3/4 of an inch (.750") between two center lines.



Saw Chain Gauge

Saw chain gauge is the drive link's thickness where it fits into the guide bar groove, also measured in thousandths of an inch. There are four industry standard gauges for handheld chainsaw chain: .043"(1.1mm), .050"(1.3mm), .058"(1.5mm), and .063"(1.6mm). It is important that the saw chain's gauge matches with the guide bar gauge.

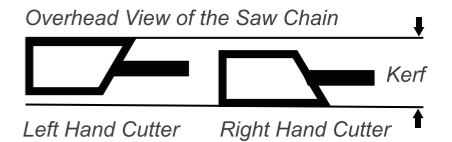


E&S Technical Tip

1. The pitch of the saw chain must match the pitch of the tip of the guide bar gear and drive sprocket.
2. The gauge of the saw chain must match the gauge of the guide bar. Any mismatch in the items listed above will result in install failure or damage to the chainsaw.

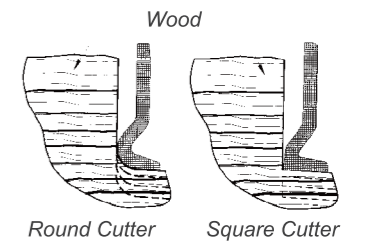
Kerf

Kerf is the total width of the saw chain cuts in the wood. Technically, kerf is determined by the outside of the left and right hand cutters.

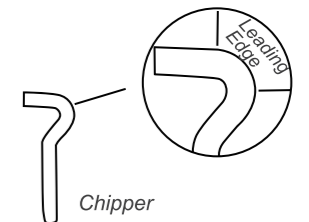


Chipper, Semi-Chisel and Chisel Cutters

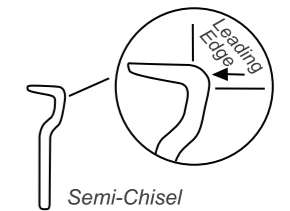
The size, shape, and "leading edge" of the teeth determine the efficiency and durability of the saw chain and provide history lessons for saw chain design. Most of the power of the saw is consumed in cutting the horizontal grain of the wood.



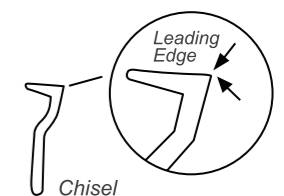
The first modern cutter design was called Chipper. It has a thick top and side plates and a large radius to the leading edge. This kind of chain is very durable but requires a lot of power.



Semi-Chisel chain is essentially a streamlined chipper design. It has a tapered top plate, a pressure-reducing side plate, and a smaller leading-edge radius. This greatly improves cutting efficiency without sacrificing too much durability.



Chisel cutter is designed to achieve all chisel performance by making the leading edge a sharp square corner. The graphic on the right shows that the square cutter of the full chisel chain can also cut faster by cutting all the wood fibers in the kerf at one time. The actual leading edge of the "point" has undergone most of the cut and is easily damaged in abrasive conditions. Therefore, the full chisel chain is most suitable for clean and standing wood.

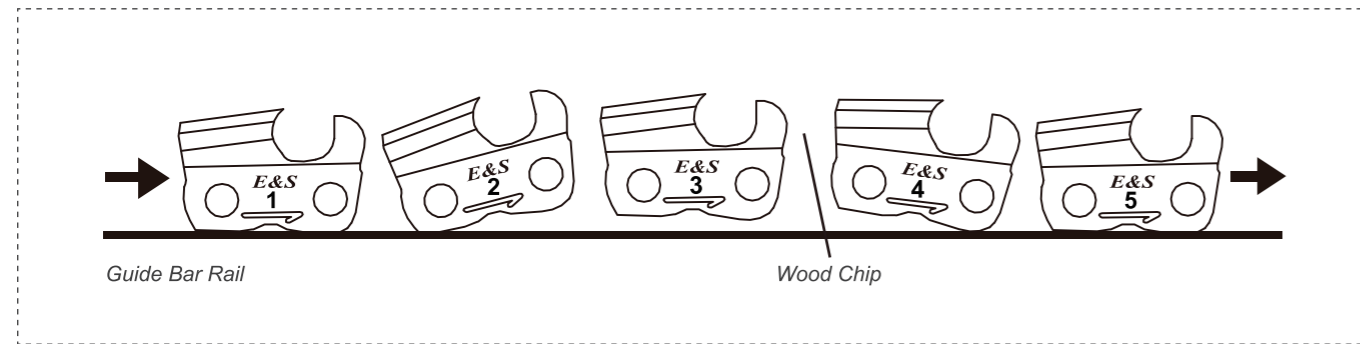


E&S Technical Tip

It is best to select a suitable saw chain according to the cutting conditions. Chipper chains are the most durable under abrasive conditions. Full chisel chains are popular, the leading edge "point" on the full chisel chains allows it to cut faster by sacrificing durability. But once the point is damaged, the chain cannot cut well at all. This makes full chisel chains a poor choice under abrasive conditions. For most applications, the Semi-Chisel chain is the best compromise for speed and durability. The leading edge is larger, rounder, and therefore more durable.

How Does The Saw Chain Work

To help you properly maintain your E&S Saw Chain, avoiding problems caused by improper maintenance, and identify the wear patterns that can cause saw chain and guide bar failure, it is essential to first understand how the saw chain cuts wood with your chainsaw. You may be surprised to find that a cutter tooth must leave the guide bar to cut the wood efficiently.



All saw chains are cutting in a rocking motion. If cut properly, the saw chain is like a dolphin swimming in the ocean. When the tooth enters the wood, the "leading edge" begins to bite (#1), causing the cutter to swing back to the range allowed by the depth gauge (#2), it is now in the "attacking position". The cutter jumps off the guide bar rail and its tooth enters the wood (#3). The chain tension and power of the saw pull the cutter out of the wood, and the severed wood chip is withdrawn from the underside of the cutter (#4). Then the cutter returns to its original position (#5). Anything that disrupts this smooth and effective rocking motion will impair the durability, performance, and cutting efficiency of any saw chain.

• Depth Gauge

The depth gauge is often called "raker", because some people think it "rakes out" cut chips, just like raking leaves. The actual function of the depth gauge is to determine the distance the cutter retreats at position #2 and the size of the final bit of the cutter. In addition, as shown in positions #2 and #3, it is normal for the depth gauge to sink into the wood under certain conditions.

• Clearance Angle

The "clearance angle" of the cutter on page 3 is why the saw chain can swing efficiently for cutting. As you can see, the height of the back of the top plate is lower than the front, which allows it to lean forward like position #4 and leave the wood cleanly. If there is no "clearance angle", the cutter cannot be shaken out of the wood. Finally, this "clearance angle" on the top plate of the cutter complicates the maintenance process of the depth gauge.

ES POWERSAVCUT™

- Maintenance area**
- Chainsaw size**
- User experience / Hours usage**
- Size of wood being cut**

ES EASYCUT™

- Maintenance area**
- Chainsaw size**
- User experience / Days usage**
- Size of wood being cut**

ES EFFICIENCUT™

- Maintenance area**
- Chainsaw size**
- User experience / Days usage**
- Size of wood being cut**

ES POWERPROCUT™

- Maintenance area**
- Chainsaw size**
- User experience / Days usage**
- Size of wood being cut**

E&S Saw Chain Models Numbering System



ES

91

YOG

-1

MODEL NUMBER

PART MODEL NUMBER

CHAIN COLOR NUMBER

Pitch	Gauge Specification	E&S Model No.
1/4"	.043"	40
	.050"	41
	.050" Full cutters	41A
.30"	.043"	30
3/8"LP	.043"	90
	.050"	91
.325"	.043"	94
	.050"	20
	.058"	21
	.063"	22
3/8"	.050"	72
	.058"	73
	.063"	75
.404"	.063"	59AC
	.063"	59L
	.063"	59B
	.063"	27
	Ripping	27R
.404" Harvester	.080"	80HV
3/4" Harvester	.122"	11BHV

E&S Saw Chain Parts Numbering System

Specification of the Drive Link, Cutter, Tie Strap		
Parts Name	Parts Type	Parts Model Name & Image
Drive Link	Dots Drive Link	M
	Oil Hole Drive Link	Y
	Bumper Drive Link	P
	E&S Logo Drive Link	E
Cutter	Durable Cutter	N
	Ordinary Cutter	O
	Full Chisel Cutter	L
	Ripping 75° Cutter	R
	Battery Chain Cutter	X
	Premium Full Chisel Cutter	T
	Skip (5 Tie Straps)	K (SKIP)
	Semi-Skip (4 Tie Straps)	SK (SEMI-SKIP)
	Skip 5 Cutters (15 Tie Straps)	FK (FULL-SKIP)
	Tie Strap	Bumper Tie Strap
Standard Tie Strap		S

E&S Saw Chain Models Numbering Index

Pitch	NO.	Name	Specification	Saw Chain Configuration
1/4"	1	40OP	1/4" .043"	Bumper drive link without oil hole
	2	41OP	1/4" .050"	Bumper drive link without oil hole
	3	41A	1/4" .050"	Standard drive link, full cutters
	4	40TP	1/4" .043"	Bumper drive link without oil hole, premium semi-chisel cutter
.30"	1	30TP	.30" .043"	Standard drive link without oil hole, bumper tie strap, ordinary cutter
3/8"LP	1	90OG	3/8" LP .043"	Standard drive link without oil hole, bumper tie strap, ordinary cutter
	2	90OS	3/8" LP .043"	Standard drive link without oil hole, ordinary cutter
	3	90YOG	3/8" LP .043"	Standard drive link with oil hole, bumper tie strap, ordinary cutter
	4	90YOS	3/8" LP .043"	Standard drive link with oil hole, ordinary cutter
	5	90YNG	3/8" LP .043"	Standard drive link with oil hole, bumper tie strap, durable cutter
	6	90YNS	3/8" LP .043"	Standard drive link with oil hole, durable cutter
	7	90X	3/8"LP .043"	Standard drive link with oil hole, ordinary cutter, 0.8mm thickness of tie strap and cutter
	8	90YL	3/8"LP .043"	Standard drive link with oil hole, full chisel cutter
	9	91OG	3/8"LP .050"	Standard drive link without oil hole, bumper tie strap, ordinary cutter
	10	91OS	3/8"LP .050"	Standard drive link without oil hole, ordinary cutter
	11	91YOG	3/8"LP .050"	Standard drive link with oil hole, bumper tie strap, ordinary cutter
	12	91YOS	3/8"LP .050"	Standard drive link with oil hole, ordinary cutter
	13	91MOG	3/8"LP .050"	Standard drive link with dots and oil hole, bumper tie strap, ordinary cutter
	14	91MOS	3/8"LP .050"	Standard drive link with dots and oil hole, ordinary cutter
	15	91NG	3/8"LP .050"	Standard drive link without oil hole, bumper tie strap, durable cutter
	16	91NS	3/8"LP .050"	Standard drive link without oil hole, durable cutter
	17	91YNG	3/8"LP .050"	Standard drive link with oil hole, bumper tie strap, durable cutter
	18	91YNS	3/8"LP .050"	Standard drive link with oil hole, durable cutter
	19	91MNG	3/8"LP .050"	Standard drive link with dots and oil hole, bumper tie strap, durable cutter
	20	91MNS	3/8"LP .050"	Standard drive link with dots and oil hole, durable cutter
	21	91NP	3/8"LP .050"	Standard drive link without oil hole, bumper drive link, durable cutter
	22	91OP	3/8"LP .050"	Standard drive link without oil hole, bumper drive link, ordinary cutter
	23	91YLS	3/8"LP .050"	Standard drive link with oil hole, full chisel cutter
	24	91MLS	3/8"LP .050"	Standard drive link with dots and oil hole, full chisel cutter
	25	91YNP	3/8"LP .050"	Standard drive link with oil hole, bumper drive link, durable cutter
	26	91EOG	3/8"LP .050"	Standard drive link with E&S logo, bumper tie strap, ordinary cutter
	27	91EL	3/8"LP .050"	Standard drive link with E&S Logo, full chisel cutter

Pitch	No.	Name	Specification	Saw Chain Configuration
.325"	1	20NP	.325" .050"	Standard drive link without oil hole, bumper drive link, durable cutter
		21NP	.325" .058"	
		22NP	.325" .063"	
	2	20OP	.325" .050"	Standard drive link without oil hole, bumper drive link, ordinary cutter
		21OP	.325" .058"	
		22OP	.325" .063"	
		20LP	.325" .050"	
	21LP	.325" .058"		
	22LP	.325" .063"		
	4	20YNP	.325" .050"	Standard drive link with oil hole, bumper drive link without oil hole, durable cutter
		21YNP	.325" .058"	Standard drive link with oil hole, bumper drive link with oil hole, durable cutter
	5	20YOP	.325" .050"	Standard drive link with oil hole, bumper drive link without oil hole, ordinary cutter
		21YOP	.325" .058"	Standard drive link with oil hole, bumper drive link with oil hole, ordinary cutter
	6	20YLP	.325" .050"	Standard drive link with oil hole, bumper drive link without oil hole, full chisel cutter
		21YLP	.325" .058"	Standard drive link with oil hole, bumper drive link with oil hole, full chisel cutter
	7	20L	.325" .050"	Standard drive link without oil hole, full chisel cutter
		21L	.325" .058"	
22L		.325" .063"		
8	20YL	.325" .050"	Standard drive link with oil hole, full chisel cutter	
	21YL	.325" .058"		
9	20ML	.325" .050"	Standard drive link with dots, full chisel cutter	
	21ML	.325" .058"	Standard drive link with dots, oil hole, and oil reservoir, full chisel cutter	
10	20N	.325" .050"	Standard drive link without oil hole, durable cutter	
	21N	.325" .058"		
	22N	.325" .063"		
11	20YN	.325" .050"	Standard drive link with oil hole, durable cutter	
	21YN	.325" .058"		
12	20MN	.325" .050"	Standard drive link with dots, durable cutter	
	21MN	.325" .058"	Standard drive link with dots, oil hole, and oil reservoir, durable cutter	
13	20O	.325" .050"	Standard drive link without oil hole, ordinary cutter	
	21O	.325" .058"		
	22O	.325" .063"		
14	20YO	.325" .050"	Standard drive link with oil hole, ordinary cutter	
	21YO	.325" .058"		
15	20MO	.325" .050"	Standard drive link with dots, ordinary cutter	
	21MO	.325" .058"	Standard drive link with dots, oil hole, and oil reservoir, ordinary cutter	
	22MO	.325" .063"	Standard drive link with dots and oil hole, ordinary cutter	
16	21MT	.325" .058"	Standard drive link with dots, oil hole, and oil reservoir, premium full chisel cutter	
	21ET	.325" .058"	Standard drive link with E&S logo, premium full chisel cutter	
	21EL	.325" .058"	Standard drive link with E&S logo, ordinary cutter	
17	94X	.325" .043"	Standard drive link with oil hole, 1.1mm thickness, ordinary cutter	

Pitch	NO.	Name	Specification	Saw Chain Configuration
3/8"	1	72LP	3/8" .050"	Standard drive link without oil hole, bumper drive link, full chisel cutter
		73LP	3/8" .058"	
		75LP	3/8" .063"	
	2	72OP	3/8" .050"	Standard drive link without oil hole, bumper drive link, ordinary cutter
		73OP	3/8" .058"	
		75OP	3/8" .063"	
	3	72L	3/8" .050"	Standard drive link without oil hole, full chisel cutter
		73L	3/8" .058"	
		75L	3/8" .063"	
	4	72O	3/8" .050"	Standard drive link without oil hole, ordinary cutter
		73O	3/8" .058"	
		75O	3/8" .063"	
	5	72R	3/8" .050"	Standard drive link without oil hole, ripping 75° cutter
		73R	3/8" .058"	
		75R	3/8" .063"	
	6	72YL	3/8" .050"	Standard drive link with oil hole, full chisel cutter
		73YL	3/8" .058"	
	7	72YO	3/8" .050"	Standard drive link with oil hole, ordinary cutter
		73YO	3/8" .058"	
	8	73ML	3/8" .058"	Standard drive link with dots, oil hole, and oil reservoir, full chisel cutter
		75ML	3/8" .063"	Standard drive link with dots, oil hole, and oil reservoir, full chisel cutter
	9	73MO	3/8" .058"	Standard drive link with dots, oil hole, and oil reservoir, ordinary cutter
	10	72MT	3/8" .050"	Standard drive link with dots, oil hole, and oil reservoir, premium full chisel cutter
		73MT	3/8" .058"	
75MT		3/8" .063"		
11	73ET	3/8" .058"	Standard drive link with E&S logo, premium full chisel cutter	
12	73EL	3/8" .058"	Standard drive link with E&S logo, full chisel cutter	
.404"	1	59AC	.404" .063"	1.7mm thickness standard drive link, chipper cutter
	2	59B	.404" .063"	1.6mm thickness standard drive link, chipper cutter
	3	27	.404" .063"	1.7mm thickness standard drive link, semi-chisel 35° cutter
	4	27R	.404" .063"	1.7mm thickness standard drive link, ripping 75° cutter
	5	59L	.404" .063"	Standard drive link with oil reservoir, full chisel cutter
Harvester	1	80HV	.404" .080"	Standard drive link without stamp, chipper cutter
	2	11BHV	3/4" .122"	Standard drive link without stamp, chipper cutter

E&S Saw Chain Color Assortments Numbering System

	Color Assortment No. & Image	Drive Link	Tie Strap	Cutter	Rivet
1		Yellow	Yellow	Silver	Silver
2		Black	Black	Silver	Silver
3		Black	Black	Blue	Silver
4		Silver	Black	Silver	Silver
5		Silver	Black	Blue	Silver
6		Silver	Blue	Blue	Silver
7		Yellow	Yellow	Blue	Silver
8		Silver	Blue	Silver	Silver
9		Black	Black	Yellow	Silver
10		Silver	Silver	Silver	Silver
11		Silver	Silver	Blue	Silver
12		Black	Blue	Blue	Silver
13		Yellow	Blue	Blue	Silver
14		Black	Black	Blue	Black
15		Black	Black	Black	Black

E&S Reel Saw Chain Configuration

Type Specification	Total Drive Link Counts	Extra Preset Tie Strap Counts	Extra Loop Chain Boxes per Reel
1/4" 100' Reel	2392	30 PAIRS	30
3/8"LP 100' Reel	1640	30 PAIRS	30
.325" 100' Reel	1848	30 PAIRS	30
3/8" 100' Reel	1640	30 PAIRS	30
.404" 100' Reel	1484	30 PAIRS	30
1/4" 25' Reel	598	8 PAIRS	8
3/8"LP 25' Reel	410	8 PAIRS	8
.325" 25' Reel	462	8 PAIRS	8
3/8" 25' Reel	410	8 PAIRS	8
.404" 25' Reel	372	8 PAIRS	8

E&S Skip Reel Saw Chain Configuration

Type Specification	Total Drive Link Counts	Extra Preset Tie Strap Counts	Extra Loop Chain Boxes per Reel
.325" Skip 100' Reel	1848	30 PAIRS	30
3/8"LP & 3/8" Skip 100' Reel	1640	30 PAIRS	30
.404" Skip 100' Reel	1484	30 PAIRS	30
.325" Skip 25' Reel	462	8 PAIRS	8
3/8"LP & 3/8" Skip 25' Reel	410	8 PAIRS	8
.404" Skip 25' Reel	372	8 PAIRS	8
.404" 5 teeth Skip 100' Reel	1484	30 PAIRS	30

NEW

ES PLATINUM SAW CHAIN



Durability+

Nickel-plated parts + double chrome-plated cutters improve the appearance and more durable experience.

Speed+

All series of Chisel cutter applied + Unique E&S arrow shape oil reservoir greatly increase the cutting speed and smooth.

Efficiency+

Excellent durability combined with faster speed results in at least 15% cutting efficiency compared to ordinary chains.



PLATINUM CUTTER

Double chrome-plated chisel cutters are both extremely sharp and durable.

PLATINUM RIVET

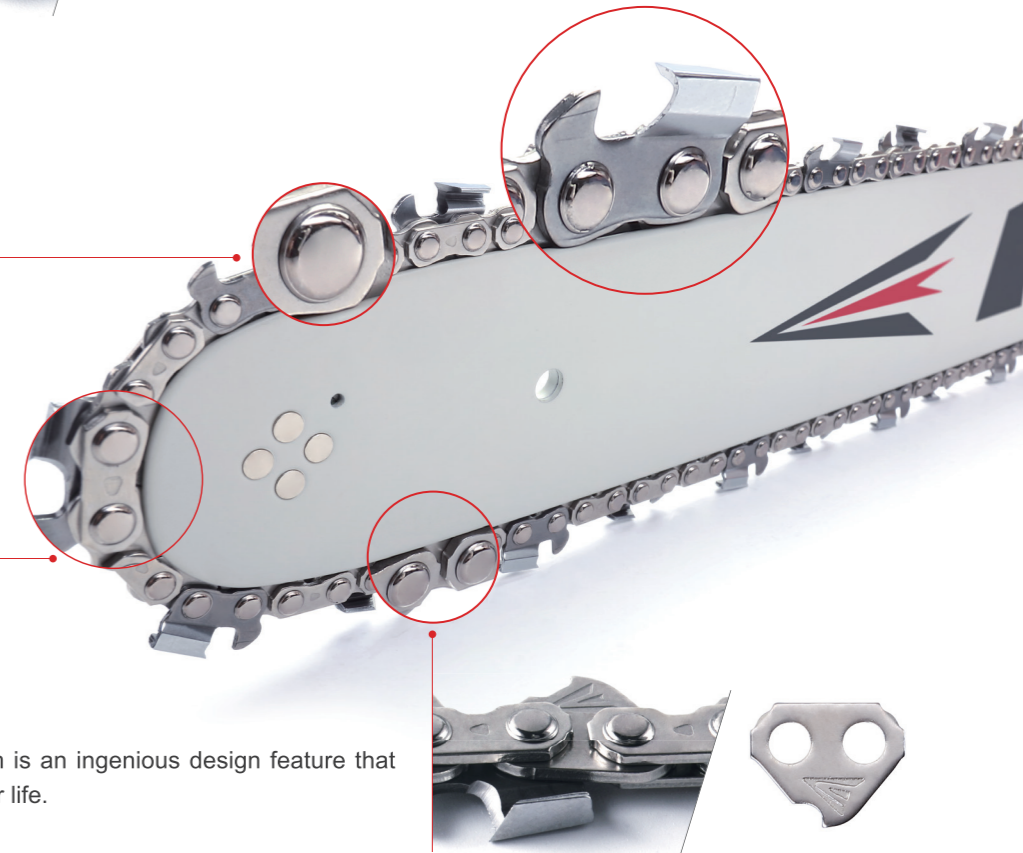
Nickel-plated and hardened rivets reduce wear and chain stretch.

PLATINUM TIE STRAP





Nickel-plated tie straps give high-quality resistance to corrosion and wear.

PLATINUM DRIVE LINK

Unique E&S arrow shape oiling system is an ingenious design feature that makes saw chain less friction and longer life.



ES Platinum Saw Chain Model

 Pitch	 Gauge	 E&S Model	 Availability
1/4"	.043"	40	×
	.050"	41	×
	.050" Full cutters	41A	×
3/8"LP	.043"	90	×
	.050"	91	√
.325"	.050"	20	×
	.058"	21	√
	.063"	22	×
3/8"	.050"	72	×
	.058"	73	√
	.063"	75	×
.404"	.063"	59	×
	.080"	80	×
HARVESTER	.122"	11	×



ES POWERSAVCUT™ Advantages

Taking the specific power range of lithium electric saws into consideration, E&S engineers designed specialized chains for electric saws using high-strength imported German steel. It has thinner tie straps and minimum sized cutters, combined with ES ultra-thin guide bars together, ES POWERSAVCUT chain ES90X can greatly reduce the width of the kerf, improve the cutting speed, efficiency, and save up to 30% of the battery power consumption.



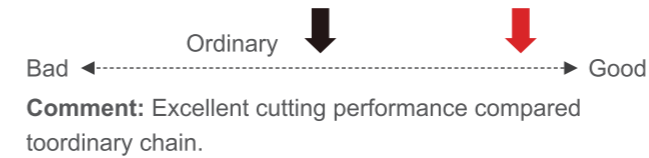
• Cutting Performance

ES POWERSAVCUT chain ES90X has shown outstanding cutting speed, lower noise, ultra-narrow kerf, smoother cutting plane in hundreds of comparison tests, which brings more cutting efficiency and longer battery life.

Comparison Test Results

Test Site	Wood Type	Chain Type	Chainsaw Type
Japan	Japanese Cedar, Cypress	ES90X (3/8"LP .043") in red	20V

• Cutting speed



• Maneuverability



• Smoothness



• Durability



Productivity Comparison

Better cutting performance = Increased productivity.



Results:

Logged volume.....	12 m ³ /day
Production increase by 8%.....	1.0 m ³ /day
Working days.....	120 days
Total production increase.....	120 m ³

ES POWERSAVCUT™ Advantages

E&S POWERSAVCUT chain was designed with maximum efficiency in mind from the beginning, aims to optimize saw performance to meet the needs of unique tree care professionals in the market. E&S POWERSAVCUT chain ES94X is the first ever .325"LP cutting system. By adjusting the size of the chain to better match the specific power range of battery-powered and compact petrol-powered chainsaws, we have maximized the efficiency of the chain to improve its performance.



• INCREASED CUTTING SPEED

New patented shape narrow cutter is designed to maximize cutting speed, enabling compact chainsaws to take on large projects. E&S factory-grinding creates razor-sharp edges, providing excellent cutting performance out of the box.

• LONGER LIFE

The unique design of ES POWERSAVCUT ES94X model increases the cutting efficiency by 15%. Therefore, you can spend more time working and less time charging or refueling.

• SMOOTH CUT

With a clean entrance, ES94X can pass through the incision effortlessly eliminating cutting chatter, and cutters remain sharp under harsh conditions while providing the precision surface quality that professionals expect. It is designed for the specific power range of battery and compact chainsaws, you won't be stalled in cutting.

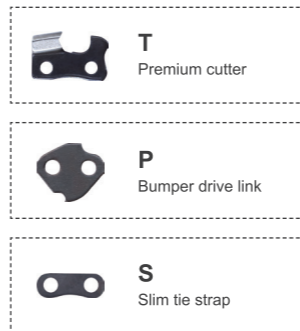
• PRECAUTION

E&S battery saw chain must be used with corresponding ultra-thin guide bar and sprocket (ES15TP&30TP), It's not compatible with other existing cutting systems.

ES15TP

1/5" .043"

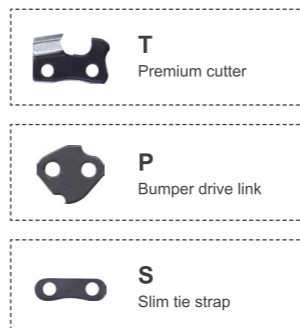
Battery Saw Chain



ES30TP

0.30" .043"

Battery Saw Chain



Description:

ES15TP(Patented) is the world-first pitch 1/5" size chain designed by E&S engineers and introduced to the battery saw chain family. It symbolizes the continuous efforts made by E&S company to explore the possibilities of new saw chain products.

Details:

- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain.

Keywords:

Minimum size body Ultra-thin kerf Battery save



Recommend battery chainsaw size only

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES15TP	1/5"	.043"	Semi-Chisel	up to 6"	/	/

Description:

ES30TP(Patented) is the world-first pitch 0.30" size chain designed by E&S engineers and introduced to the battery saw chain family. It symbolizes the continuous efforts made by E&S company to explore the possibilities of new saw chain products.

Details:

- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain.

Keywords:

Minimum size body Ultra-thin kerf Battery save



Recommend battery chainsaw size only

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES30TP	0.30"	.043"	Semi-Chisel	up to 12"	/	/

ES40TP

1/4" .043"

Battery Saw Chain



Description:

This lightweight and precise chain is specially designed for trimming, provides low vibration and low kickback functions.

Details:

- ✓ Lubrication: The oil reservoir/oil dots (ES40ETP/40MTP) on the drive link gives the chain less friction and longer lasting time features.
- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain.

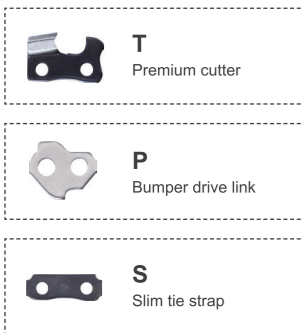
Keywords:

Minimum size body Ultra-thin kerf Battery save



Recommend battery chainsaw size only

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES40TP	1/4"	.043"	Semi-Chisel	up to 16"	5/32"	1/8"



ES90XP

3/8"LP .043"

Battery Saw Chain



Description:

ES90XP chain is specially designed for occasional users, arborists, orchardists. It has a thinner chain body than other 3/8"LP chains, which can provide more efficiency and precision to improve its performance. Its lightweight is perfect for users to maneuver and also extends the battery life.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain.

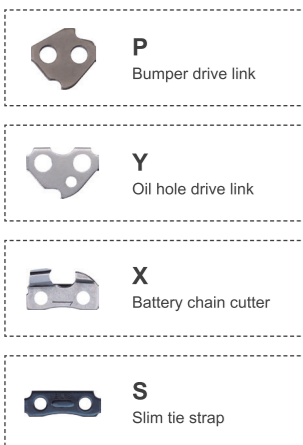
Keywords:

Minimum size body Ultra-thin kerf Battery save



Recommend battery chainsaw size only

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES90XP	3/8"LP	.043"	Semi-Chisel	up to 18"	4.5 mm	1/8"



ES90X

3/8"LP .043"

Battery Saw Chain



Description:

ES90X chain is specially designed for occasional users, arborists, orchardists. It has a thinner chain body than other 3/8"LP chains, which can provide more efficiency and precision to improve its performance. Its lightweight is perfect for users to maneuver and also extends the battery life.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.

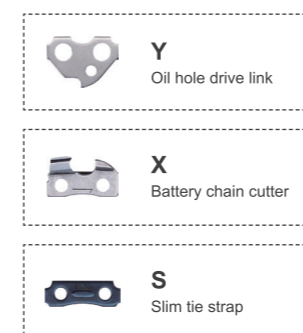
Keywords:

Minimum size body Ultra-thin kerf Battery save



Recommend battery chainsaw size only

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES90X	3/8"LP	.043"	Semi-Chisel	up to 18"	4.5 mm	1/8"



ES94X

.325" .043"

Battery Saw Chain



Description:

.325" chains are made for professional users, and ES94X chain is specially designed for professional electric chainsaws. It has been optimized to work perfectly under the most demanding cutting conditions.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Square edge design gives ES94X outstanding cutting speed.
- ✓ Higher performance, easily maneuver and highly precise.

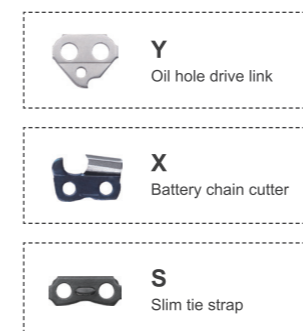
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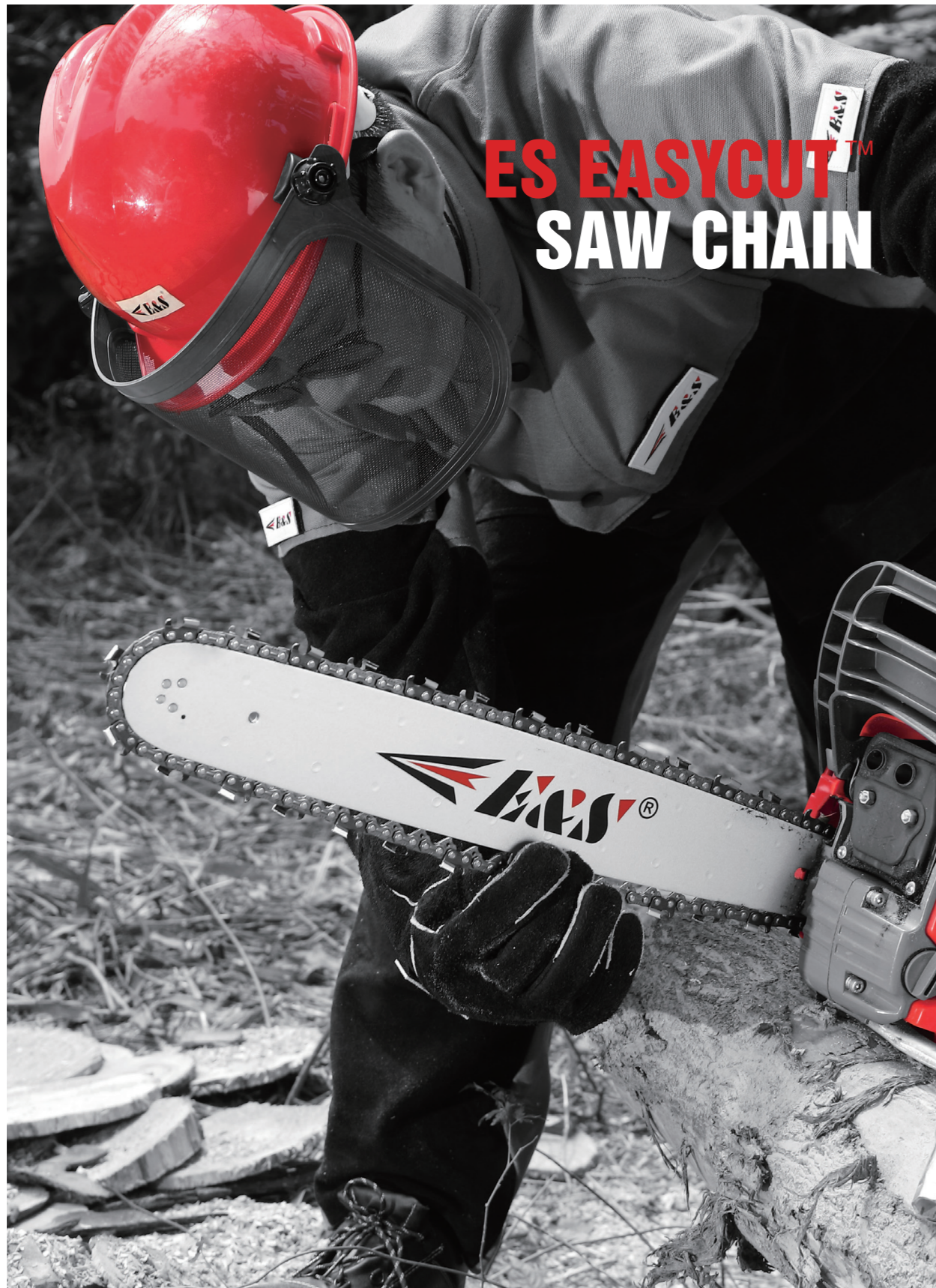
Minimum size body Ultra-thin kerf Battery save



Recommend battery chainsaw and compact petrol chainsaw

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES94X	.325"	.043"	Full Chisel	13" to 20"	3/16"	3/16"








ES90OG/91OG

3/8"LP .043"/.050"

Semi-Chisel

-  **O**
Ordinary cutter
-  **G**
Bumper tie strap
-  **S**
Standard tie strap



Description:

This chain is precisely made to meet arborists, orchardists, and occasional users' needs, with a delicate bumper tie strap design to lower down the potential kickback hazard.

Details:

- ✓ *Bumper: Reduce kickback from the chainsaw.*
- ✓ *The indicator on the depth gauge makes the filing easier and accurate.*
- ✓ *Low vibration and low kickback saw chain.*

Keywords:

High performance Easy manipulation Kickback prevention







Recommend chainsaw size up to 42cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES90OG	3/8"LP	.043"	Semi-Chisel	up to 18"	5/32"	1/8"
ES91OG		.050"				

ES90YNG/91YNG

3/8"LP .043"/.050"

Semi-Chisel

-  **Y**
Oil hole drive link
-  **N**
Durable cutter
-  **G**
Bumper tie strap
-  **S**
Standard tie strap



Description:

This chain is precisely made to meet arborists, orchardists, and occasional users' needs, with a delicate bumper tie strap design to lower down the potential kickback hazard.

Details:

- ✓ *Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.*
- ✓ *Bumper: Reduce kickback from the chainsaw.*
- ✓ *The indicator on the depth gauge makes the filing easier and accurate.*
- ✓ *Low vibration and low kickback saw chain.*

Keywords:

High performance Easy manipulation Kickback prevention



Recommend chainsaw size up to 42cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES90YNG	3/8"LP	.043"	Semi-Chisel	up to 18"	5/32"	1/8"
ES91YNG		.050"				

ES90YOG/91YOG

3/8"LP .043"/.050"

Semi-Chisel



Description:

This chain is precisely made to meet arborists, orchardists, and occasional users' needs, with a delicate bumper tie strap design to lower down the potential kickback hazard.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain.

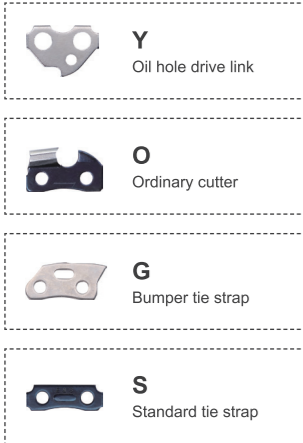
Keywords:

High performance Easy manipulation Kickback prevention



Recommend chainsaw size up to 42cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES90YOG	3/8"LP	.043"	Semi-Chisel	up to 18"	5/32"	1/8"
ES91YOG		.050"				



ES91MNG

3/8"LP .050"

Semi-Chisel



Description:

This chain is precisely made to meet arborists, orchardists, and occasional users' needs, with a delicate bumper tie strap design to lower down the potential kickback hazard.

Details:

- ✓ Lubrication: The oil hole & dots on the drive link gives the chain less friction and longer lasting time features.
- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain.

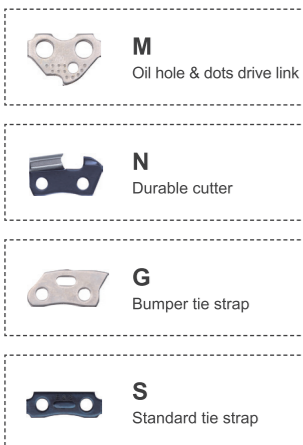
Keywords:

High performance Easy manipulation Kickback prevention



Recommend chainsaw size up to 42cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES91MNG	3/8"LP	.050"	Semi-Chise	up to 18"	5/32"	1/8"



ES91MOG

3/8"LP .050"

Semi-Chisel



Description:

This chain is precisely made to meet arborists, orchardists, and occasional users' needs, with a delicate bumper tie strap design to lower down the potential kickback hazard.

Details:

- ✓ Lubrication: The oil hole & dots on the drive link gives the chain less friction and longer lasting time features.
- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain.

Keywords:

High performance Easy manipulation Kickback prevention



Recommend chainsaw size up to 42cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES91MOG	3/8"LP	.050"	Semi-Chise	up to 18"	5/32"	1/8"



ES91NG

3/8"LP .050"

Semi-Chisel



Description:

This chain is precisely made to meet arborists, orchardists, and occasional users' needs, with a delicate bumper tie strap design to lower down the potential kickback hazard.

Details:

- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain.

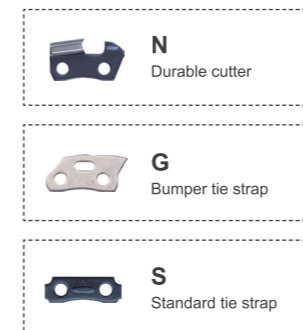
Keywords:

High performance Easy manipulation Kickback prevention



Recommend chainsaw size up to 42cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES91NG	3/8"LP	.050"	Semi-Chise	up to 18"	5/32"	1/8"



ES91NP

3/8"LP .050"

Semi-Chisel



Description:

This chain is precisely made to meet arborists, orchardists, and occasional users' needs, with a delicate bumper tie strap design to lower down the potential kickback hazard.

Details:

- ✓ *Bumper: Reduce kickback from the chainsaw.*
- ✓ *The indicator on the depth gauge makes the filing easier and accurate.*
- ✓ *Low vibration and low kickback saw chain.*

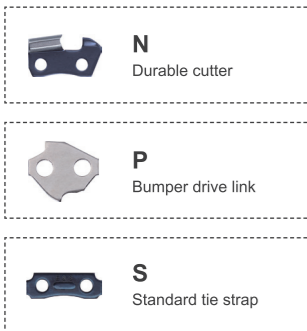
Keywords:

High performance Easy manipulation Kickback prevention



Recommend chainsaw size up to 42cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES91NP	3/8"LP	.050"	Semi-Chisel	up to 18"	5/32"	1/8"



ES91OP

3/8"LP .050"

Semi-Chisel



Description:

This chain is precisely made to meet arborists, orchardists, and occasional users' needs, with a delicate bumper tie strap design to lower down the potential kickback hazard.

Details:

- ✓ *Bumper: Reduce kickback from the chainsaw.*
- ✓ *The indicator on the depth gauge makes the filing easier and accurate.*
- ✓ *Low vibration and low kickback saw chain.*

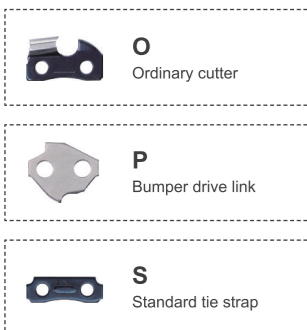
Keywords:

High performance Easy manipulation Kickback prevention



Recommend chainsaw size up to 42cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES91OP	3/8"LP	.050"	Semi-Chisel	up to 18"	5/32"	1/8"



ES91YNP

3/8"LP .050"

Semi-Chisel



Description:

This chain is precisely made to meet arborists, orchardists, and occasional users' needs, with a delicate bumper tie strap design to lower down the potential kickback hazard.

Details:

- ✓ *Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.*
- ✓ *Bumper: Reduce kickback from the chainsaw.*
- ✓ *The indicator on the depth gauge makes the filing easier and accurate.*
- ✓ *Low vibration and low kickback saw chain.*

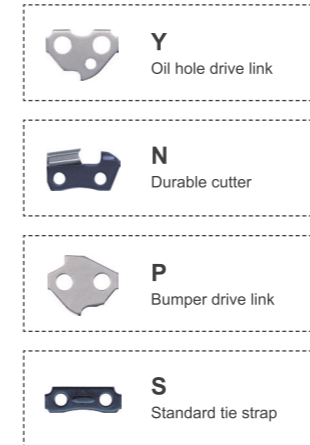
Keywords:

High performance Easy manipulation Kickback prevention



Recommend chainsaw size up to 42cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES91YNP	3/8"LP	.050"	Semi-Chisel	up to 18"	5/32"	1/8"



ES20NP

.325" .050"

Semi-Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users, with a delicate bumper drive link design to lower down the potential kickback hazard.

Details:

- ✓ *Bumper: Reduce kickback from the chainsaw.*
- ✓ *The indicator on the depth gauge makes the filing easier and accurate.*
- ✓ *Low vibration and low kickback saw chain.*

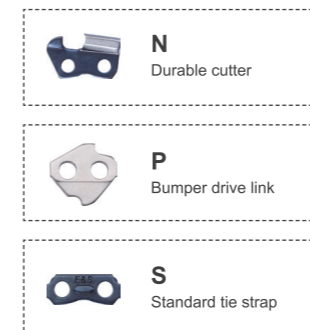
Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES20NP	.325"	.050"	Semi-Chisel	13" to 20"	3/16"	3/16"



ES20OP

.325" .050"

Semi-Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users, with a delicate bumper drive link design to lower down the potential kickback hazard.

Details:

- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain.

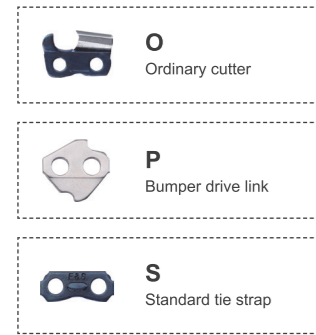
Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES20OP	.325"	.050"	Semi-Chisel	13" to 20"	3/16"	3/16"



ES20YNP

.325" .050"

Semi-Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users, with a delicate bumper drive link design to lower down the potential kickback hazard.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain.

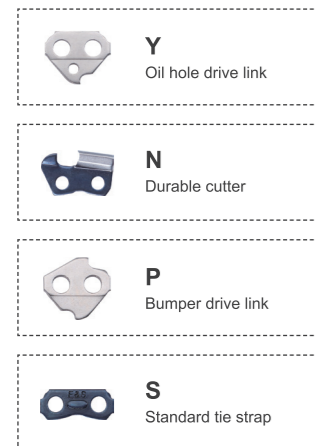
Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES20YNP	.325"	.050"	Semi-Chisel	13" to 20"	3/16"	3/16"



ES20YOP

.325" .050"

Semi-Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users, with a delicate bumper drive link design to lower down the potential kickback hazard.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain.

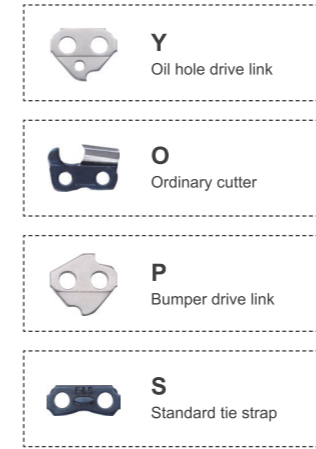
Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES20YOP	.325"	.050"	Semi-Chisel	13" to 20"	3/16"	3/16"



ES21OP/22OP

.325" .058"/.063"

Semi-Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users, with a delicate bumper drive link design to lower down the potential kickback hazard.

Details:

- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain.

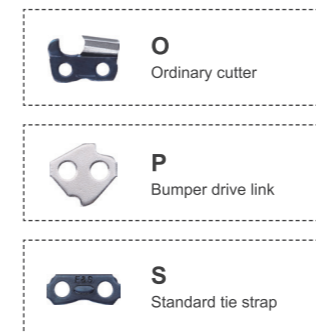
Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES21OP	.325"	.058"	Semi-Chisel	13" to 20"	3/16"	3/16"
ES22OP		.063"				







ES21YNP

.325" .058"

Semi-Chisel



-  **Y**
Oil hole drive link
-  **N**
Durable cutter
-  **P**
Bumper drive link
-  **S**
Standard tie strap

Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users, with a delicate bumper drive link design to lower down the potential kickback hazard.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain

Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc





Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES21YNP	.325"	.058"	Semi-Chisel	13" to 20"	3/16"	3/16"

ES21YOP

.325" .058"

Semi-Chisel



-  **Y**
Oil hole drive link
-  **O**
Ordinary cutter
-  **P**
Bumper drive link
-  **S**
Standard tie strap

Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users, with a delicate bumper drive link design to lower down the potential kickback hazard.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain

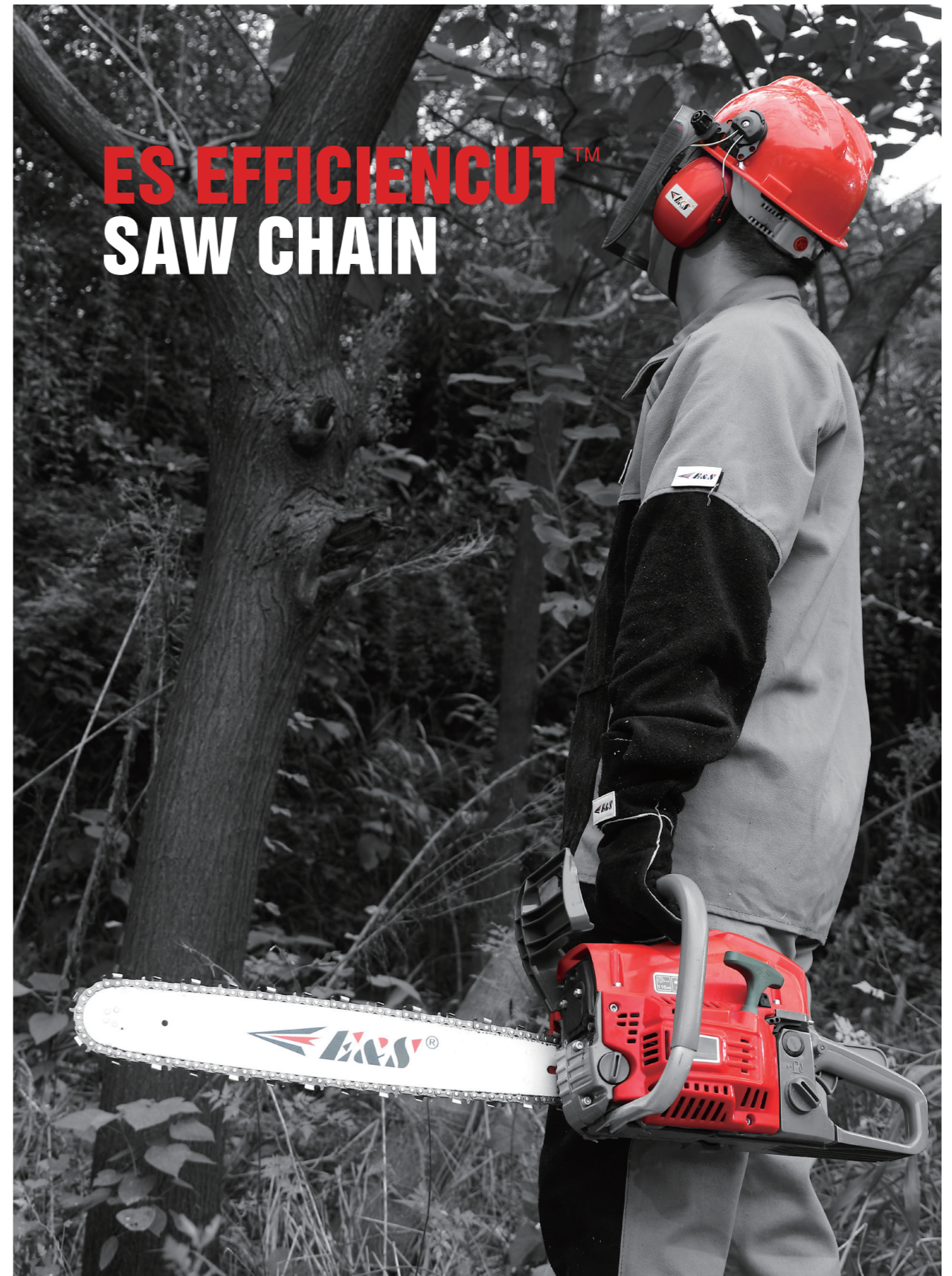
Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES21YOP	.325"	.058"	Semi-Chisel	13" to 20"	3/16"	3/16"



ES400P/410P

1/4" .043"/.050"

Semi-Chisel



Description:

This lightweight and precise chain is specially designed for trimming, provides low vibration and low kickback functions.

Details:

- ✓ *Bumper:* Reduce kickback from the chainsaw.
- ✓ *The indicator on the depth gauge makes the filing easier and accurate.*
- ✓ *Low vibration and low kickback saw chain.*

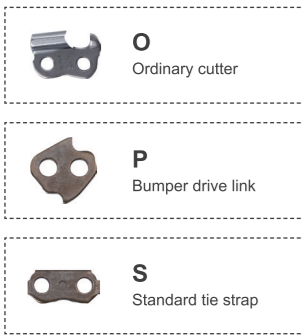
Keywords:

Smooth & fast cutting Easy manipulation Kickback prevention



Recommend chainsaw size up to 38cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES400P	1/4"	.043"	Semi-Chisel	up to 16"	5/32"	1/8"
ES410P		.050"				



ES41A

1/4" .050"

Full Cutters



Description:

This lightweight and precise chain is specially designed for sculpture & bamboo cutting, super fast cutting speed, low stretchability and extremely strong.

Details:

- ✓ *The indicator on the depth gauge makes the filing easier and accurate.*
- ✓ *Full cutters feature gives excellent cutting performance and clean cutting plane.*
- ✓ *Easy to maneuver during the sculpturing.*

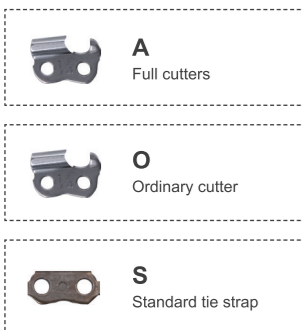
Keywords:

Extremely fast cutting Easy manipulation Super precision



Recommend chainsaw size up to 38cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES41A	1/4"	.050"	Semi-Chisel	up to 16"	5/32"	1/8"



ES900S/910S

3/8"LP .043"/.050"

Semi-Chisel



Description:

This chain is precisely made to meet arborists, orchardists, and occasional users' needs.

Details:

- ✓ *The indicator on the depth gauge makes the filing easier and accurate.*
- ✓ *Low vibration saw chain.*

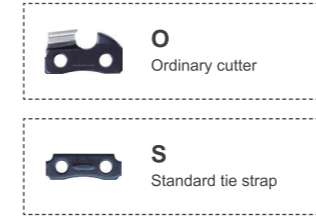
Keywords:

High performance Easy manipulation Super precision



Recommend chainsaw size up to 42cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES900S	3/8"LP	.043"	Semi-Chisel	up to 18"	5/32"	1/8"
ES910S		.050"				



ES90YL/91YL

3/8"LP .043"/.050"

Full Chisel



Description:

This chain is precisely made to meet arborists, orchardists, and occasional users' needs.

Details:

- ✓ *Lubrication:* The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ *The indicator on the depth gauge makes the filing easier and accurate.*
- ✓ *Low vibration saw chain.*
- ✓ *Square edge design gives outstanding cutting speed.*

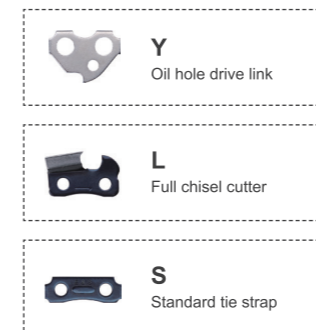
Keywords:

High performance Easy manipulation Super precision



Recommend chainsaw size up to 42cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES90YL	3/8"LP	.043"	Full Chisel	up to 18"	5/32"	1/8"
ES91YL		.050"				



ES90YNS/91YNS

3/8"LP .043"/.050"

Semi-Chisel



Description:

This chain is precisely made to meet arborists, orchardists, and occasional users' needs.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.

Keywords:

High performance Easy manipulation Super precision



Recommend chainsaw size up to 42cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES90YNS	3/8"LP	.043"	Semi-Chisel	up to 18"	5/32"	1/8"
ES91YNS		.050"				

Y
Oil hole drive link

N
Durable cutter

S
Standard tie strap

ES90YOS/91YOS

3/8"LP .043"/.050"

Semi-Chisel



Description:

This chain is precisely made to meet arborists, orchardists, and occasional users' needs.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.

Keywords:

High performance Easy manipulation Super precision



Recommend chainsaw size up to 42cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES90YOS	3/8"LP	.043"	Semi-Chisel	up to 18"	5/32"	1/8"
ES91YOS		.050"				

Y
Oil hole drive link

O
Ordinary cutter

S
Standard tie strap

ES91EL

3/8"LP .050"

Full Chisel



Description:

This chain is precisely made to meet arborists, orchardists, and occasional users' needs.

Details:

- ✓ Lubrication: The ES arrow shape oil reservoir on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Square edge design gives outstanding cutting speed.

Keywords:

High performance Easy manipulation Super precision



Recommend chainsaw size up to 42cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES91EL	3/8"LP	.050"	Full Chisel	up to 18"	5/32"	1/8"

E
E&S logo drive link

L
Full chisel cutter

S
Standard tie strap

ES91ML

3/8"LP .050"

Full Chisel



Description:

This chain is precisely made to meet arborists, orchardists, and occasional users' needs.

Details:

- ✓ Lubrication: The ES arrow shape oil reservoir on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Square edge design gives outstanding cutting speed.

Keywords:

High performance Easy manipulation Super precision



Recommend chainsaw size up to 42cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES91ML	3/8"LP	.050"	Full Chisel	up to 18"	5/32"	1/8"

M
Oil hole & dots drive link

L
Full chisel cutter

S
Standard tie strap

ES91MNS

3/8"LP .050"

Semi-Chisel



Description:

This chain is precisely made to meet arborists, orchardists, and occasional users' needs.

Details:

- ✓ Lubrication: The oil hole & dots on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.


Keywords:


High performance Easy manipulation Super precision




Recommend chainsaw size up to 42cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES91MNS	3/8"LP	.050"	Semi-Chisel	up to 18"	5/32"	1/8"

 **M**
Oil hole & dots drive link

 **N**
Durable cutter

 **S**
Standard tie strap

ES91MOS

3/8"LP .050"

Semi-Chisel



Description:

This chain is precisely made to meet arborists, orchardists, and occasional users' needs.

Details:

- ✓ Lubrication: The oil hole & dots on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.


Keywords:


High performance Easy manipulation Super precision




Recommend chainsaw size up to 42cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES91MOS	3/8"LP	.050"	Semi-Chisel	up to 18"	5/32"	1/8"

 **M**
Oil hole & dots drive link

 **O**
Ordinary cutter

 **S**
Standard tie strap

ES91NS

3/8"LP .050"

Semi-Chisel



Description:

This chain is precisely made to meet arborists, orchardists, and occasional users' needs.

Details:

- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.


Keywords:


High performance Easy manipulation Super precision



Recommend chainsaw size up to 42cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES91NS	3/8"LP	.050"	Semi-Chisel	up to 18"	5/32"	1/8"

 **N**
Durable cutter

 **S**
Standard tie strap

ES20L

.325" .050"

Full Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users.

Details:

- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Square edge design gives outstanding cutting speed


Keywords:


Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES20L	.325"	.050"	Full Chisel	13" to 20"	3/16"	3/16"

 **L**
Full chisel cutter

 **S**
Standard tie strap

ES20LP

.325" .050"

Full Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users, with a delicate bumper drive link design to lower down the potential kickback hazard.

Details:

- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain.
- ✓ Square edge design gives outstanding cutting speed.

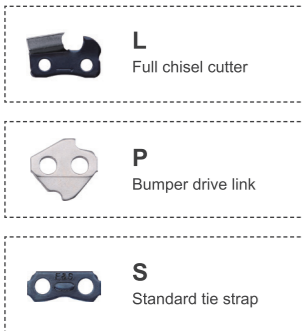
Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES20LP	.325"	.050"	Full Chisel	13" to 20"	3/16"	3/16"



ES20ML

.325" .050"

Full Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users.

Details:

- ✓ Lubrication: The oil hole & dots on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Square edge design gives outstanding cutting speed.

Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES20ML	.325"	.050"	Full Chisel	13" to 20"	3/16"	3/16"



ES20MN

.325" .050"

Semi-Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users.

Details:

- ✓ Lubrication: The oil hole & dots on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.

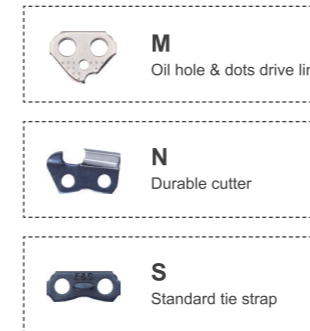
Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES20MN	.325"	.050"	Semi-Chisel	13" to 20"	3/16"	3/16"



ES20MO

.325" .050"

Semi-Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users.

Details:

- ✓ Lubrication: The oil hole & dots on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.

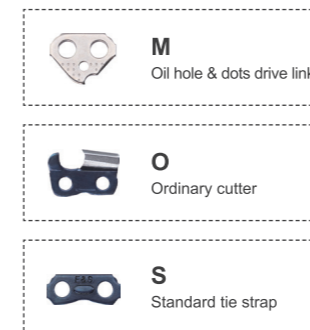
Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES20MO	.325"	.050"	Semi-Chisel	13" to 20"	3/16"	3/16"



ES20N

.325" .050"

Semi-Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users.

Details:

- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.

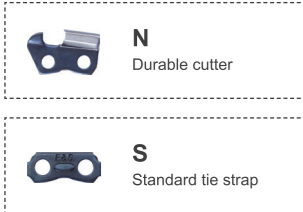
Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES20N	.325"	.050"	Semi-Chisel	13" to 20"	3/16"	3/16"



ES20YL

.325" .050"

Full Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Square edge design gives outstanding cutting speed.

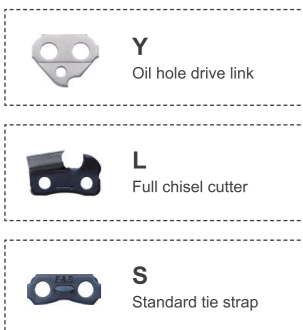
Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES20YL	.325"	.050"	Full Chisel	13" to 20"	3/16"	3/16"



ES20YLP

.325" .050"

Full Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users, with a delicate bumper drive link design to lower down the potential kickback hazard.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain.
- ✓ Square edge design gives outstanding cutting speed.

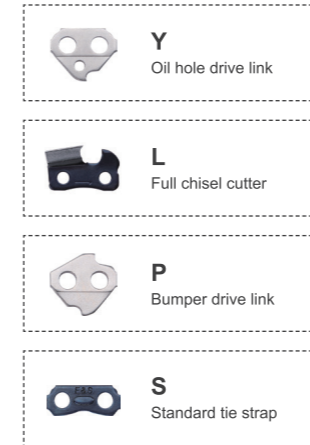
Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES20YLP	.325"	.050"	Full Chisel	13" to 20"	3/16"	3/16"



ES20YN

.325" .050"

Semi-Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.

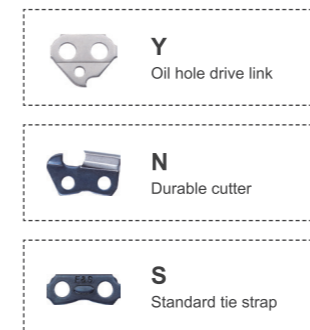
Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES20YN	.325"	.050"	Semi-Chisel	13" to 20"	3/16"	3/16"



ES20YO

.325" .050"

Semi-Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.

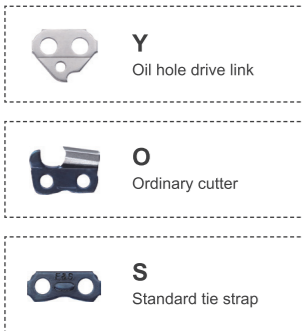
Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES20YO	.325"	.050"	Semi-Chisel	13" to 20"	3/16"	3/16"



ES21ET

.325" .058"

Full Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users.

Details:

- ✓ Lubrication: The ES arrow shape oil reservoir on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Premium full chisel cutter with square edge design gives the chain extra sharpness and outstanding cutting speed.

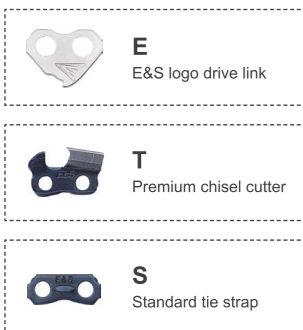
Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 50cc to 100cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES21ET	.325"	.058"	Full Chisel	13" to 20"	3/16"	3/16"



ES21L/22L

.325" .058"/.063"

Full Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users.

Details:

- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Square edge design gives outstanding cutting speed.

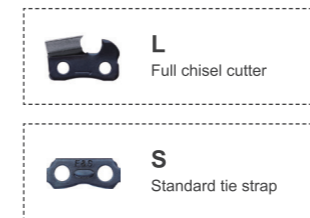
Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES21L	.325"	.058"	Full Chisel	13" to 20"	3/16"	3/16"
ES22L		.063"				



ES21LP/22LP

.325" .058"/.063"

Full Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users, with a delicate bumper drive link design to lower down the potential kickback hazard.

Details:

- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain.
- ✓ Square edge design gives outstanding cutting speed.

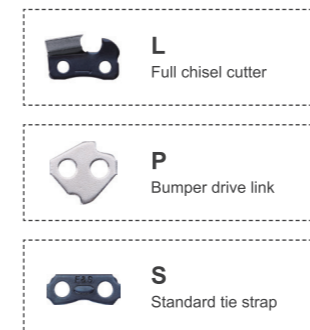
Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES21LP	.325"	.058"	Full Chisel	13" to 20"	3/16"	3/16"
ES22LP		.063"				



ES21ML/22ML

.325" .058"/.063"

Full Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users.

Details:

- ✓ Lubrication: The oil hole, dots, reservoir combination on the drive link gives the chain much less friction and extra longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Square edge design gives outstanding cutting speed.

Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES21ML	.325"	.058"	Full Chisel	13" to 20"	3/16"	3/16"
ES22ML		.063"				

M
Oil hole+dots+reservoir

L
Full chisel cutter

S
Standard tie strap

ES21MN

.325" .058"

Semi-Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users.

Details:

- ✓ Lubrication: The oil hole, dots, reservoir combination on the drive link gives the chain much less friction and extra longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.

Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES21MN	.325"	.058"	Semi-Chisel	13" to 20"	3/16"	3/16"

M
Oil hole+dots+reservoir

N
Durable cutter

S
Standard tie strap

ES21MO

.325" .058"

Semi-Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users.

Details:

- ✓ Lubrication: The oil hole, dots, reservoir combination on the drive link gives the chain much less friction and extra longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.

Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES21MO	.325"	.058"	Semi-Chisel	13" to 20"	3/16"	3/16"

M
Oil hole+dots+reservoir

O
Ordinary cutter

S
Standard tie strap

ES21MT

.325" .058"

Full Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users.

Details:

- ✓ Lubrication: The oil hole, dots, reservoir combination on the drive link gives the chain much less friction and extra longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Premium full chisel cutter with square edge design gives the chain extra sharpness and outstanding cutting speed.

Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES21MT	.325"	.058"	Full Chisel	13" to 20"	3/16"	3/16"

M
Oil hole+dots+reservoir

T
Premium chisel cutter

S
Standard tie strap

ES21N/22N

.325" .058"/.063"

Semi-Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users.

Details:

- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.


Keywords:

Excellent performance Smooth manipulation Super precision




Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES21N	.325"	.058"	Semi-Chisel	13" to 20"	3/16"	3/16"
ES22N		.063"				



N
Durable cutter



S
Standard tie strap

ES21YL

.325" .058"

Full Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Square edge design gives outstanding cutting speed


Keywords:

Excellent performance Smooth manipulation Super precision




Recommend chainsaw size 38cc to 62cc


Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES21YL	.325"	.058"	Full Chisel	13" to 20"	3/16"	3/16"



Y
Oil hole drive link



L
Full chisel cutter



S
Standard tie strap

ES21YLP

.325" .058"

Full Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users, with a delicate bumper drive link design to lower down the potential kickback hazard.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain.
- ✓ Square edge design gives outstanding cutting speed.

Keywords:

Excellent performance Smooth manipulation Super precision




Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES21YLP	.325"	.058"	Full Chisel	13" to 20"	3/16"	3/16"




Y
Oil hole drive link



L
Full chisel cutter



P
Bumper drive link



S
Standard tie strap

ES21YN

.325" .058"

Semi-Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.


Keywords:

Excellent performance Smooth manipulation Super precision




Recommend chainsaw size 38cc to 62cc


Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES21YN	.325"	.058"	Semi-Chisel	13" to 20"	3/16"	3/16"



Y
Oil hole drive link



N
Durable cutter



S
Standard tie strap

ES21YO

.325" .058"

Semi-Chisel



Description:

This chain is precisely made for the most demanding of professional timbermen and occasional users.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.

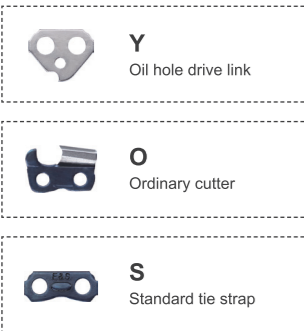
Keywords:

Excellent performance Smooth manipulation Super precision



Recommend chainsaw size 38cc to 62cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES21YO	.325"	.058"	Semi-Chisel	13" to 20"	3/16"	3/16"



ES72L

3/8" .050"

Full Chisel



Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. It is representing E&S highest production capability of making the most precise, powerful, and sharpest saw chains.

Details:

- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Square edge design gives outstanding cutting speed.

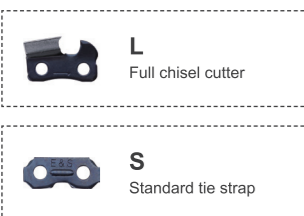
Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 50cc to 100cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES72L	3/8"	.050"	Full Chisel	16" to 36"	7/32"	3/16"



ES72LP

3/8" .050"

Full Chisel



Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. It is representing E&S highest production capability of making the most precise, powerful, and sharpest saw chains. It comes with a delicate bumper drive link design to lower down the potential kickback hazard.

Details:

- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain.
- ✓ Square edge design gives outstanding cutting speed.

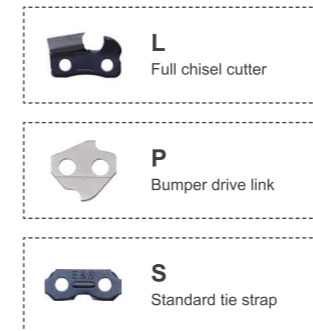
Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 50cc to 100cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES72LP	3/8"	.050"	Full Chisel	16" to 36"	7/32"	3/16"



ES72MT

3/8" .050"

Full Chisel



Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. It is representing E&S highest production capability of making the most precise, powerful, and sharpest saw chains.

Details:

- ✓ Lubrication: The oil hole, dots, reservoir combination on the drive link gives the chain much less friction and extra longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Premium full chisel cutter with square edge design gives the chain extra sharpness and outstanding cutting speed.

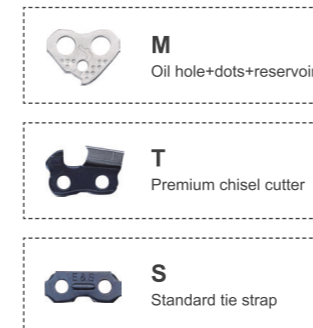
Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 50cc to 100cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES72MT	3/8"	.050"	Full Chisel	16" to 36"	7/32"	3/16"



ES72O

3/8" .050"
Semi-Chisel



Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. It is representing E&S highest production capability of making the most precise, powerful, and sharpest saw chains.

Details:

- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.

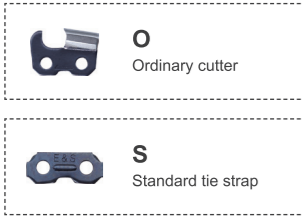
Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 50cc to 100cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES72O	3/8"	.050"	Semi-Chisel	16" to 36"	7/32"	3/16"



ES72YL

3/8" .050"
Full Chisel



Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. It is representing E&S highest production capability of making the most precise, powerful, and sharpest saw chains.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Square edge design gives outstanding cutting speed.

Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 50cc to 100cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES72YL	3/8"	.050"	Full Chisel	16" to 36"	7/32"	3/16"



ES72OP

3/8" .050"
Semi-Chisel



Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. It is representing E&S highest production capability of making the most precise, powerful, and sharpest saw chains. It comes with a delicate bumper drive link design to lower down the potential kickback hazard.

Details:

- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain.

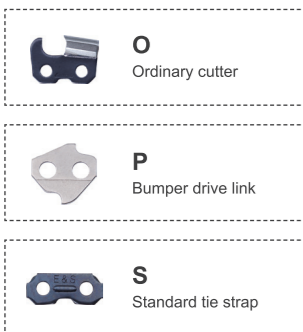
Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 50cc to 100cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES72OP	3/8"	.050"	Semi-Chisel	16" to 36"	7/32"	3/16"



ES72YO

3/8" .050"
Semi-Chisel



Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. It is representing E&S highest production capability of making the most precise, powerful, and sharpest saw chains.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.

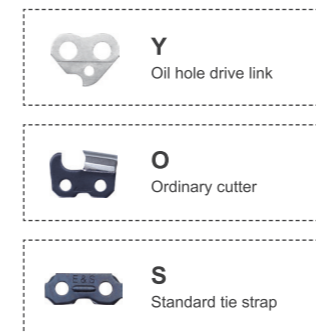
Keywords:

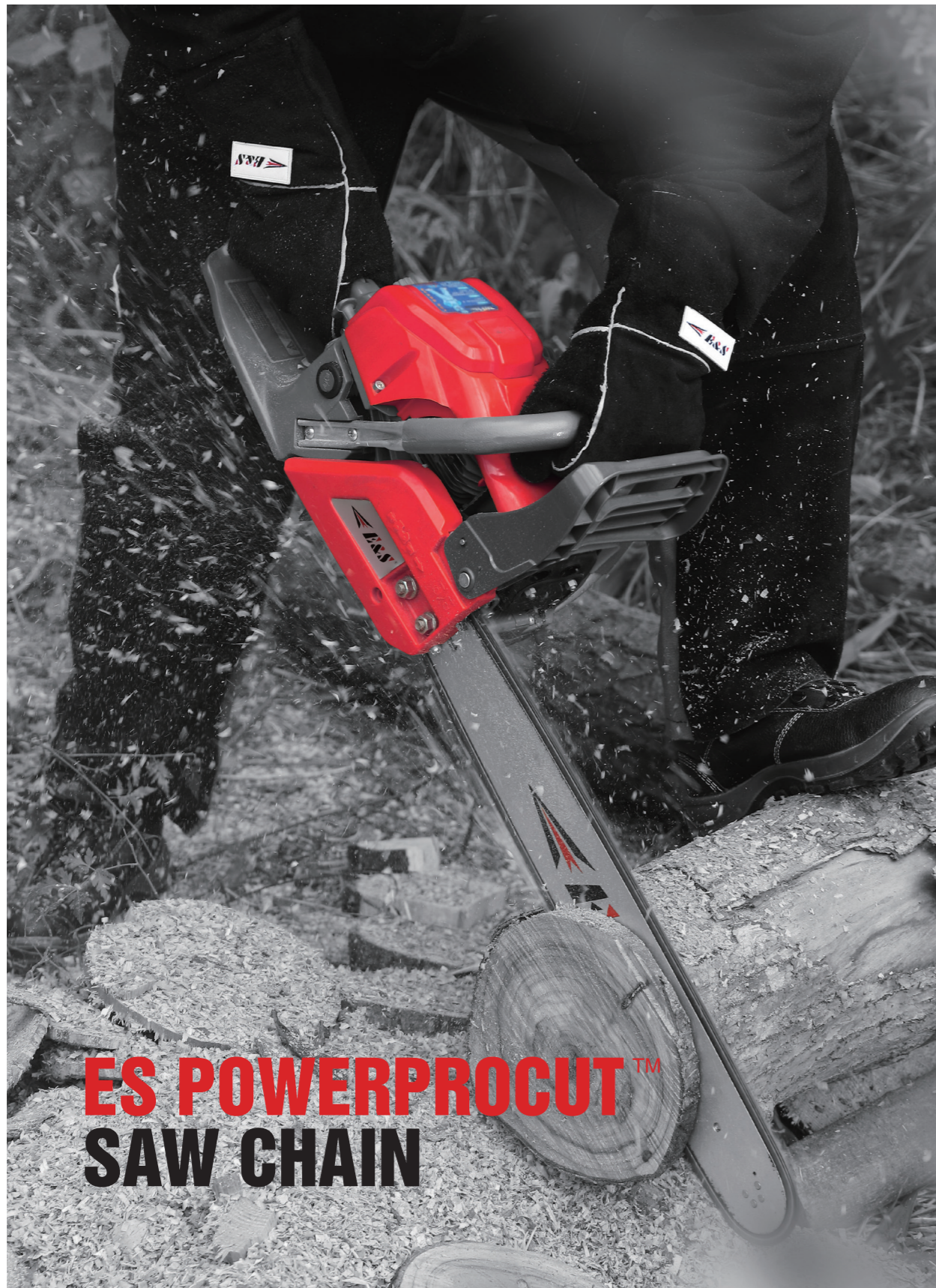
Powerful performance Long lasting life Super precision



Recommend chainsaw size 50cc to 100cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES72YO	3/8"	.050"	Semi-Chisel	16" to 36"	7/32"	3/16"





ES73ET

3/8" .058"



Full Chisel

- 
E
E&S logo drive link
- 
T
Premium chisel cutter
- 
S
Standard tie strap

ES73L/75L

3/8" .058"/.063"

Full Chisel

- 
L
Full chisel cutter
- 
S
Standard tie strap



Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. It is representing E&S highest production capability of making the most precise, powerful, and sharpest saw chains.

Details:

- ✓ Lubrication: The ES arrow shape oil reservoir on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Premium full chisel cutter with square edge design gives the chain extra sharpness and outstanding cutting speed.

Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 50cc to 100cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES73ET	3/8"	.058"	Full Chisel	16" to 36"	7/32"	3/16"

Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. It is representing E&S highest production capability of making the most precise, powerful, and sharpest saw chains.

Details:

- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Square edge design gives outstanding cutting speed.

Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 50cc to 100cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES73L	3/8"	.058"	Full Chisel	16" to 36"	7/32"	3/16"
ES75L		.063"				

ES73LP/75LP

3/8" .058"/.063"

Full Chisel



Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. It is representing E&S highest production capability of making the most precise, powerful, and sharpest saw chains. It comes with a delicate bumper drive link design to lower down the potential kickback hazard.

Details:

- ✓ *Bumper:* Reduce kickback from the chainsaw.
- ✓ *The indicator on the depth gauge makes the filing easier and accurate.*
- ✓ *Low vibration and low kickback saw chain.*
- ✓ *Square edge design gives outstanding cutting speed.*

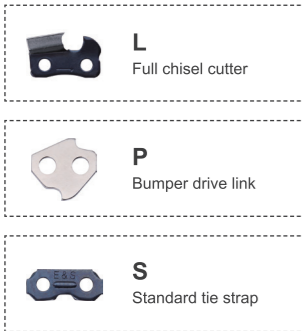
Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 50cc to 100cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES73LP	3/8"	.058"	Full Chisel	16" to 36"	7/32"	3/16"
ES75LP		.063"				



ES73ML/75ML

3/8" .058"/.063"

Full Chisel



Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. It is representing E&S highest production capability of making the most precise, powerful, and sharpest saw chains.

Details:

- ✓ *Lubrication:* The oil hole, dots, reservoir combination on the drive link gives the chain much less friction and extra longer lasting time features.
- ✓ *The indicator on the depth gauge makes the filing easier and accurate.*
- ✓ *Low vibration saw chain.*
- ✓ *Square edge design gives outstanding cutting speed.*

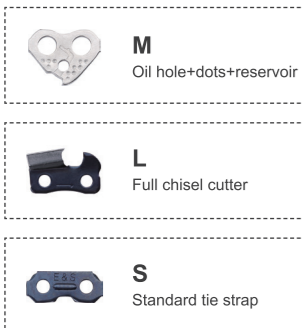
Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 50cc to 100cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES73ML	3/8"	.058"	Full Chisel	16" to 36"	7/32"	3/16"
ES75ML		.063"				



ES73MO/75MO

3/8" .058"/.063"

Semi-Chisel



Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. It is representing E&S highest production capability of making the most precise, powerful, and sharpest saw chains.

Details:

- ✓ *Lubrication:* The oil hole, dots, reservoir combination on the drive link gives the chain much less friction and extra longer lasting time features.
- ✓ *The indicator on the depth gauge makes the filing easier and accurate.*
- ✓ *Low vibration saw chain.*

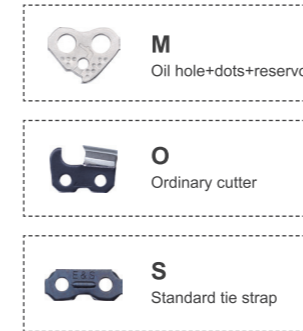
Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 50cc to 100cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES73MO	3/8"	.058"	Semi-Chisel	16" to 36"	7/32"	3/16"
ES75MO		.063"				



ES73MT/75MT

3/8" .058"/.063"

Full Chisel



Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. It is representing E&S highest production capability of making the most precise, powerful, and sharpest saw chains.

Details:

- ✓ *Lubrication:* The oil hole, dots, reservoir combination on the drive link gives the chain much less friction and extra longer lasting time features.
- ✓ *The indicator on the depth gauge makes the filing easier and accurate.*
- ✓ *Low vibration saw chain.*
- ✓ *Premium full chisel cutter with square edge design gives the chain extra sharpness and outstanding cutting speed.*

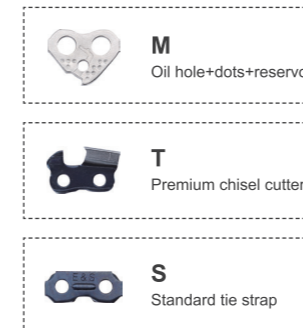
Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 50cc to 100cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES73MT	3/8"	.058"	Full Chisel	16" to 36"	7/32"	3/16"
ES75MT		.063"				



ES73O/75O

3/8" .058"/.063"

Semi-Chisel



Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. It is representing E&S highest production capability of making the most precise, powerful, and sharpest saw chains.

Details:

- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.

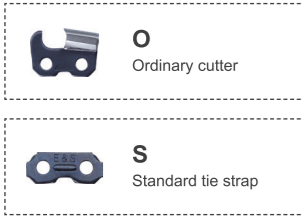
Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 50cc to 100cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES73O	3/8"	.058"	Semi-Chisel	16" to 36"	7/32"	3/16"
ES75O		.063"				



ES73OP/75OP

3/8" .058"/.063"

Semi-Chisel



Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. It is representing E&S highest production capability of making the most precise, powerful, and sharpest saw chains. It comes with a delicate bumper drive link design to lower down the potential kickback hazard.

Details:

- ✓ Bumper: Reduce kickback from the chainsaw.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration and low kickback saw chain.

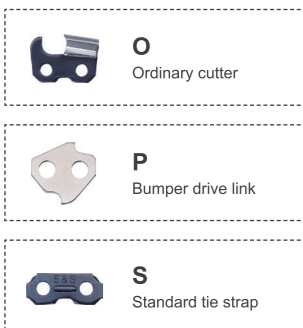
Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 50cc to 100cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES73OP	3/8"	.058"	Semi-Chisel	16" to 36"	7/32"	3/16"
ES75OP		.063"				



ES73R/75R

3/8" .058"/.063"

Ripping Chisel



Description:

This chain is specifically designed for the sawmill workers to handle the heaviest workload. It is representing E&S highest production capability of making the most precise, powerful, and durable saw chains.

Details:

- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Ripping chisel cutter design fits perfectly for the job to make dimensional boards and planks from large timbers.

Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 50cc to 100cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES73R	3/8"	.058"	Ripping Chisel	16" to 36"	7/32"	3/16"
ES75R		.063"				



ES73YL

3/8" .058"

Full Chisel



Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. It is representing E&S highest production capability of making the most precise, powerful, and sharpest saw chains.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Square edge design gives outstanding cutting speed.

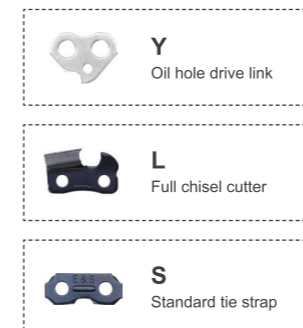
Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 50cc to 100cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES73YL	3/8"	.058"	Full Chisel	16" to 36"	7/32"	3/16"



ES73YO

3/8" .058"
Semi-Chisel



Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. It is representing E&S highest production capability of making the most precise, powerful, and sharpest saw chains.

Details:

- ✓ Lubrication: The oil hole on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.

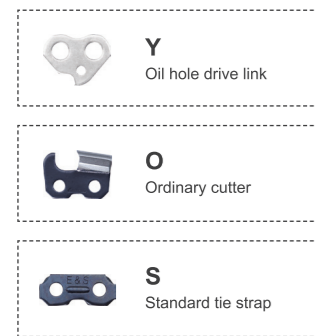
Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 50cc to 100cc

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES73YO	3/8"	.058"	Semi-Chisel	16" to 36"	7/32"	3/16"



ES27

.404" .063"
Semi-Chisel



Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. Especially in tropical hardwood areas.

Details:

- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.

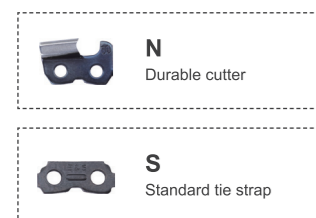
Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 65cc and larger

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES27	.404"	.063"	Semi-Chisel	20" to 42"	7/32"	3/16"



ES27R

.404" .063"
Ripping Chisel



Description:

This chain is specifically designed for the sawmill workers to handle the heaviest workload. Especially in tropical hardwood areas.

Details:

- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Ripping chisel cutter design fits perfectly for the job to make dimensional boards and planks from large timbers.

Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 65cc and larger

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES27R	.404"	.063"	Ripping Chisel	20" to 42"	7/32"	3/16"



ES59AC

.404" 1.6mm
Round Chisel



Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. Especially in tropical hardwood areas.

Details:

- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Round chisel cutter design has a fully rounded working corner and side plate for excellent performance, easy sharpening, and durability.

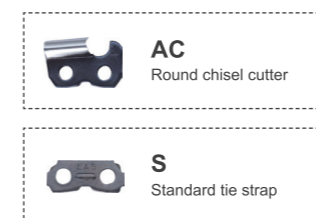
Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 65cc and larger

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES59AC	.404"	.063"	Round Chisel	20" to 42"	7/32"	3/16"



ES59B

.404" .063"

Semi-Chisel



Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. Especially in tropical hardwood areas.

Details:

- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Narrow kerf and extra length cutter design provides thinner kerf and higher durability than ordinary cutters.

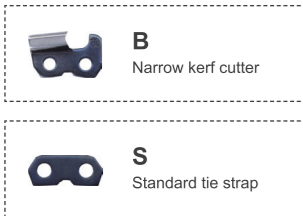
Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 65cc and larger

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES59B	.404"	.063"	Semi-Chisel	20"to 42"	7/32"	3/16"



ES59L

.404" .063"

Full Chisel



Description:

This chain is specifically designed for the most professional loggers and skilled forestry workers in the harshest environment to handle the heaviest workload. Especially in tropical hardwood areas.

Details:

- ✓ Lubrication: The oil reservoir on the drive link gives the chain less friction and longer lasting time features.
- ✓ The indicator on the depth gauge makes the filing easier and accurate.
- ✓ Low vibration saw chain.
- ✓ Square edge design gives outstanding cutting speed.

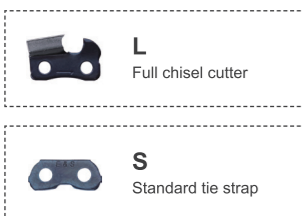
Keywords:

Powerful performance Long lasting life Super precision



Recommend chainsaw size 65cc and larger

Model Number	Pitch	Gauge	Cutter Type	Bar Length	File Size	Grind Size
ES59L	.404"	.063"	Full Chisel	20"to 42"	7/32"	3/16"



Filing Angles

	E&S MODEL		A	B	C	D
1/4"	40OP,41OP,41A	5/32"	30°	10°	85°	.025"
3/8"LP	90OG,90OS,90YOG,90YOS,90X,90YL	4.5mm	30°	0°	75°	.025"
	91OG,91OS,91YOG,91YOS,91MOG,91MOS	5/32"	30°	0°	80°	.025"
.325"	91OP,91YLS,91MLS,91EOG	5/32"	30°	0°	80°	.025"
	20OP,21OP,20YOP,21YOP	3/16"	30°	10°	70°	.025"
	20YO,21YO,20MO21MO	3/16"	30°	10°	70°	.025"
3/8"	20LP,21LP,22LP,20YLP,21YLP,20L,21L,22L	3/16"	25°	10°	60°	.025"
	20YL,21YL,20ML,21ML	3/16"	25°	10°	60°	.025"
	72OP,73OP,75OP,72O,73O,75O,73MO	7/32"	25°	10°	60°	.025"
.404"	72LP,73LP,75LP,72L,73L,75L,72YL,73YL,73ML	7/32"	25°	45°	90°	.025"
	72R,73R,75R	7/32"	15°	10°	75°	.025"
	59AC,59B,27	7/32"	30°	10°	65°	.030"
.404"	27R	7/32"	15°	10°	75°	.030"
	59L	7/32"	25°	10°	60°	.025"
	80HV	7/32"	35°	10°	80°	.050"
	11BHV		35°	10°	80°	.050"

Grinding Angles

	E&S MODEL					
1/4"	40OP,41OP,41A	1/8"	30°	10°	55°	.025"
3/8"LP	90OG,90OS,90YOG,90YOS,90X,90YL	1/8"	30°	0°	55°	.025"
	91OG,91OS,91YOG,91YOS,91MOG,91MOS	1/8"	30°	0°	55°	.025"
.325"	91OP,91YLS,91MLS,91EOG	1/8"	30°	0°	55°	.025"
	20OP,21OP,20YOP,21YOP	3/16"	30°	10°	55°	.025"
	20YO,21YO,20MO21MO	3/16"	30°	10°	55°	.025"
3/8"	20LP,21LP,22LP,20YLP,21YLP,20L,21L,22L	3/16"	25°	10°	55°	.025"
	20YL,21YL,20ML,21ML	3/16"	25°	10°	55°	.025"
	72OP,73OP,75OP,72O,73O,75O,73MO	3/16"	25°	10°	55°	.025"
.404"	72LP,73LP,75LP,72L,73L,75L,72YL,73YL,73ML	3/16"	25°	10°	55°	.025"
	72R,73R,75R	3/16"	15°	45°	55°	.025"
	27,59AC,59B	3/16"	30°	10°	55°	.030"
.404"	27R,	3/16"	15°	10°	55°	.030"
	59L	3/16"	25°	10°	55°	.025"
	80HV	3/16"	35°	10°	60°	.050"
	11BHV	3/16"	35°	10°	60°	.050"

E&S® with Oregon®, Carlton®, Stihl®, Husqvarna®, and Windsor® Chain Cross-Reference Chart

Pitch	Gauge	Grind	Cutter Type	Sequence	E&S	OREGON	Stihl	Husqvarna		Carlton	Windsor	
					P/N	P/N	P/N	Alt P/N	P/N	P/N	Alt P/N	P/N
1/4"	.050"	Round	Semi-Chisel	Standard	41OP	25AP	13RM			E1MC-BL	E1MC	50K
3/8"LP	.043"	Round	Semi-Chisel	Standard	90YOG	90SG	61PMN	61PMM³		N4C-BL	N4C	43RG
		Round	Semi-Chisel	Standard	90YP	90PX	61PMN	61PMM³	H38	N4C-BL	N4C	43RG
	.050"	Round	Semi-Chisel	Standard	91NP	91PX	63PM1	63PM³	H37	N1C-BL		50RG
		Round	Semi-Chisel	Standard		91PS						
		Round	Semi-Chisel	Standard	91NP	91PXL	63PM1	63PM³		N1C-BL		50RG
		Round	Semi-Chisel	Standard	91YNS	91VXL	63PM		H35	N1C		50R
		Round	Semi-Chisel	Standard	91YNS	M91VXL						
.325"	.050"	Round	Semi-Chisel	Standard		95VPX			H30	K1NK-BL	K1NK	50JSG
		Round	Semi-Chisel	Standard	20YNP	95TXL			H30,SP33G	K1NK-BL	K1NK	50JSG
		Round	Semi-Chisel	Standard	20YOP	20BPX	23RM		H22	K1C-BL	K1C	50J
		Round	Chisel	Standard	20YLP	20LPX	23RS		H23	K1L-BL	K1L	50JL
		Round	Semi-Chisel	Standard	20YOP	M20BPX						
	.058"	Round	Chisel	Standard		M20LPX						
		Round	Semi-Chisel	Standard	21YOP	21BPX	25RM		H25	K2C-BL	K2C	58J
		Round	Chisel	Standard	21YLP	21LPX	25RS		H21	K2L-BL	K2L	58JL
		Round	Semi-Chisel	Standard	21YNP	M21BPX						
		Round	Chisel	Standard		M21LPX						
.063"	Round	Semi-Chisel	Standard	22OP	22BPX	26RM		H28	K3C-BL	K3C	63J	
	Round	Chisel	Standard	22LP	22LPX	26RS		H26	K3L-BL	K3L	63JL	
	Round	Semi-Chisel	Standard		M22BPX							
	Round	Chisel	Standard		M22LPX							
.063"	.058"	Round	Chisel	Standard		58L				B2LM		
		Round	Chisel	Skip		58J				B2LM-SK		
		Square	Chisel	Skip		58CJ						
		Square	Chisel	Skip		58CL						
	.063"	Round	Chisel	Standard	59L	59L	46RS		H57	B3LM		63BL
		Round	Chisel	Skip		59J			H57S	B3LM-SK		
		Round	Chisel	Standard		68LX	46RSK			B3LM		
		Round	Chisel	Skip		68JX	46RSFK					
		Square	Chisel	Standard	59L	59CL	46RSL					
		Square	Chisel	Semi Skip		59CK						
		Square	Chisel	Skip		59CJ	46RSLF					
		Square	Chisel	Standard		68CL	46RSLK					
		Square	Chisel	Skip		68CJ	46RSLF					
		Round	Ripping	Standard	27	27X	46RM			B3S	B3EP,B3RM³5	63B
		Round	Ripping	Skip		27AX	46RMF					
		Round	Ripping	Standard	27R	27R				B3H-RP	B3RM10	63BR
		Round	Ripping	Skip		27RA				B3HR		

E&S® with Oregon®, Carlton®, Stihl®, Husqvarna®, and Windsor® Chain Cross-Reference Chart

Pitch	Gauge	Grind	Cutter Type	Sequence	E&S	OREGON	Stihl	Husqvarna		Carlton	Windsor		
					P/N	P/N	P/N	Alt P/N	P/N	P/N	Alt P/N	P/N	
3/8"	.050"	Round	Chisel	Standard		72V	33RSS	33RM2	H80	A1LM-GL	A1EP-GL		
		Round	Chisel	Standard		72EXL,LGX	33RSS	33RS	H47	A1LM		50APLX	
		Round	Chisel	Standard	72LP	72LPX			H46	A1LM-BE		50APLG	
		Round	Semi-Chisel	Standard	72OP	M72DPX							
		Round	Chisel	Standard		M72LPX							
		Round	Chisel	Skip		72EXJ,JGX	33RSF		H47S	A1LM-SK		50APLX	
		Round	Chisel	Skip		72JPX	33RSF		H46S	A1LM- BLSK			
		Round	Semi-Chisel	Standard	72OP	72DPX	33RM1	33RM2	H51	A1EP	A1EP-BL	50AG	
		Round	Semi-Chisel	Standard	72R	72RD				A1EP-RP			
		Round	Semi-Chisel	Skip		72APX	33RMF			A1EP-SK			
		.050"	Square	Chisel	Standard		72CL	33RSL					
			Square	Chisel	Semi Skip		72CK	33RSLHK					
			Square	Chisel	Skip		72CJ	33RSLF		H82	A1LM-SK- SG		
			Round	Chisel	Standard		73V			H81	A2LM-GL	A2EP-GL	
	Round		Chisel	Standard		73EXL,LGX	35RS		H48	A2LM		58APL	
	Round		Chisel	Standard	73LP	73LPX	35RS1		H42	A2LM-BL		58APLG	
	.058"	Round	Semi-Chisel	Standard		M73DPX							
		Round	Chisel	Standard		M73LPX							
		Round	Chisel	Skip		73EXJ,JGX			H48S	A2LM-SK		58APLX	
		Round	Semi-Chisel	Standard	73OP	73DPX	35RM1		H54	A2EP	A2EP-BL	58AG	
		Round	Semi-Chisel	Standard	73R	73RD				A2EP-RP			
		Round	Chisel	Standard		75V	36RS3			A3LM-GL	A3EP-GL		
	.063"	Round	Chisel	Standard	75LP	75EXL,LGX	36RS	36RS	H50	A3LM-GL		63APL	
		Round	Chisel	Standard	75LP	75LPX	36RS1		H45	A3ML-BL		63APLG	
		Round	Semi-Chisel	Standard		M75DPX							
		Round	Chisel	Standard		M75LPX						63APLG	
		Round	Chisel	Skip		75EXJ,JGX			H50S	A3LM-SK		63AG	
		Round	Semi-Chisel	Standard	75OP	75DPX	36RM1	36RM	H58	A3EP	A3EP-BL		
		Round	Semi-Chisel	Standard	75R	75RD				A3EP-RP			
		Square	Chisel	Standard		75CL	36RSL						
Square		Chisel	Standard		75CLX								
Square		Chisel	Semi Skip		75CK	36RSLHK							
Square		Chisel	Semi Skip		75CKX								
Square		Chisel	Skip		75CJ	36RSLF		H83	A3LM-SK-SG				
Square		Chisel	Skip		75CJX								



E&S GUIDE BAR

E&S guide bars are made of the following major procedures: cold rolling, annealing, heat treatment, hardened rail, surface grinding, coating, stress relief, etc. These provide the best wear resistance, strength, durability, straightness, and elasticity. It is ideal for users seeking professional-grade guide bars, which can be used under most of the demanding and severe working conditions, and suitable for most chainsaw brands and models.

E&S guide bars allow you to fully control the chainsaws, helping you to obtain the straightest and smoothest cuts. We've got you covered, every project and every moment.

E&S Guide Bar Parts Numbering System



AF 14 0 52 BQ 1 L

Bar Mount	Bar Length(inch)	Gauge	Drive Link	Pitch/Tooth Count	Sprocket Nose Kit	Bar Types		
AF=A041	4"- 42"	0=.050" 3=.063" 8=.058" 4=.043" 2=.080"	52=52DL	LAMINATED BAR WITH SPROCKET				
KF=K041				AB=1/4" - 8TEETH	1= ● 2= ●● 3= ●●● 4= ●●●● 5= ●●●● 6= ●●●●●	L=LAMINATED BAR LWSN=LAMINATED WITHOUT SPROCKET NOSE BAR R=REPLACEABLE SPROCKET NOSE BAR RL=REPLACEABLE SPROCKET NOSE LIGHT BAR H=HARD NOSE BAR HL=HARD NOSE LIGHT BAR V=CARVING BAR VL=CARVING LIGHT BAR GM=GUARD MATE HOLE BAR DG=DOUBLE GUARD MATE HOLES BAR C=CONCRETE SAW BAR T=ROOT SAW BAR BT=BATTERY SAW BAR S1=SPECIAL #1 S2=SPECIAL #2		
AS=A074				AS=1/4" - 10TEETH				
AE=A218				AT=1/4" - 12TEETH				
AB=A318				AF=1/4" - 13TEETH				
KN=K095				BQ=3/8"LP - 7TEETH				
DZ=D009				BJ=3/8"LP - 9TEETH				
DT=D024				BC=3/8"LP - 8TEETH				
DF=D025				CS=3/8" - 10TEETH				
DS=D176				CY=3/8" - 11TEETH				
AN=A095				DS=.325" - 10TEETH				
EZ=E099				DY=.325" - 11TEETH				
AY=A108				DE=.325" - 12TEETH				
KT=K153				FB=.325"LP - 8TEETH				
BL=B083				FS=.325"LP - 10TEETH				
DL=D033				ES=.404" - 10TEETH				
EB=E086				LAMINATED BAR WITHOUT SPROCKET				
EL=E031				LF=1/4"				
DN=D196				LT=.30"				
AT=A129				LE=.20"				
DO=D010				LS=.325"LP				
AJ=A089				HARD NOSE BAR/CARVING BAR				
DQ=D007				HA=1/4"				
KE=K216				HB=3/8"LP				
DJ=D096				HC=3/8"				
DE=D029				HD=.325"				
AR=A020 3"				HE=.404"				
AL=A030 4"								
AW=A031 5"								
AD=A033 6"								

Laminated Guide Bar

The friendly budget price of the laminated bar replacement is the most appealing aspect if you are preparing to do a tough job that might damage your guide bars. It is the best option that you won't break the bank over it.

The combination of high-quality steels, welded spots, and laminating plates can make a pretty durable guide bar at an affordable price. E&S laminated bars are made of high-grade steels, which have been through the process of heat-treatment and cooling up to 4 times on different parts to ensure maximum performance, strength, and stability.

Our laminated sprocket nose bars already fit most of the popular chainsaw models, yet we also offer customized bar manufacturing services to build solutions for your unique production needs.

Bar Length	Gauge	Pitch	Drive Link	Tooth Count	E&S New Model No.	GB Model No.	OREGON Model No.
8"	.050"	3/8"LP	34	7	AF08034BQ1L		080SDEA041
8"	.043"	3/8"LP	34	7	AF08434BQ1L		084SDEA041
10"	.043"	3/8"LP	40	7	AF10440BQ1L		104SDEA041
10"	.050"	3/8"LP	40	7	AF10040BQ1L		100SDEA041
12"	.050"	3/8"LP	44	7	AF12044BQ1L	PO12-50SW	120SDEA041
14"	.050"	3/8"LP	52	7	AF14052BQ1L	PO14-50SW	140SDEA041
16"	.050"	3/8"LP	57	7	AF16057BQ1L	PO16-50SW	160SDEA041
18"	.050"	3/8"LP	62	7	AF18062BQ1L	PO18-50SW	180SDEA041
12"	.050"	3/8"LP	44	7	AE12044BQ1L	M12-50CR	120SDEA218
14"	.050"	3/8"LP	52	7	AE14052BQ1L	M14-50CR	140SDEA218
16"	.050"	3/8"LP	57	7	AE16057BQ1L	M16-50CR	160SDEA218
18"	.050"	3/8"LP	62	7	AE18062BQ1L	M18-50CR	180SDEA218
14"	.050"	3/8"LP	49	7	AB14049BQ1L	M14-50SW	140SDEA318
16"	.050"	3/8"LP	54	7	AB16054BQ1L	M16-50SW	160SDEA318
18"	.050"	3/8"LP	60	7	AB18060BQ1L	M18-50SW	180SDEA318
13"	.050"	.325"	56	11	KN13056DY4L	UHL13-50SH	130SLBK095
13"	.058"	.325"	56	11	KN13856DY4L	UHL13-58SH	138SLBK095
15"	.050"	.325"	64	11	KN15064DY4L	UHL15-50SH	150MLBK095
15"	.058"	.325"	64	11	KN15864DY4L	UHL15-58SH	158MLBK095
18"	.050"	.325"	72	10	KN18072DS4L	UHL18-50SH	180SLBK095
18"	.058"	.325"	72	10	KN18872DS4L	UHL18-58SH	188SLBK095
20"	.050"	3/8"	72	11	KN20072CY4L	UHL20-50SG	200SLHK095
20"	.058"	3/8"	72	11	KN20872CY4L	UHL20-58SG	208SLHK095
15"	.050"	.325"	64	12	KN15064DE3L	UHL15-50SH	150SLGK095
15"	.058"	.325"	64	12	KN15864DE3L	UHL15-58SH	158SLGK095
16"	.058"	.325"	66	12	KN16866DE3L	UHL16-58SH	168SLGK095
16"	.050"	.325"	66	12	KN16066DE3L	UHL16-50SH	160SLGK095
18"	.058"	.325"	72	12	KN18872DE3L	UHL18-58SH	188SLGK095
18"	.050"	.325"	72	12	KN18072DE3L	UHL18-50SH	180SLGK095
15"	.050"	3/8"	56	10	KN15056CS5L	UHL15-50SG	150SLDK095
15"	.058"	3/8"	56	10	KN15856CS5L	UHL15-58SG	158SLDK095
16"	.050"	3/8"	59	10	KN16059CS3L	UHL16-50SG	160SLHK095
16"	.058"	3/8"	59	10	KN16859CS3L	UHL16-58SG	168SLHK095
18"	.058"	3/8"	64	11	KN18864CY3L	UHL18-58SG	188SLHK095
18"	.050"	3/8"	64	11	KN18064CY3L	UHL18-50SG	180SLHK095
20"	.050"	3/8"	72	11	KN20072CY3L	UHL20-50SG	200SLHK095

Bar Length	Gauge	Pitch	Drive Link	Tooth Count	E&S New Model No.	GB Model No.	OREGON Model No.
20"	.058"	3/8"	72	11	KN20872CY3L	UHL20-58SG	208SLHK095
20"	.063"	3/8"	72	11	KN20372CY3L	UHL20-63SG	203SLHK095
18"	.058"	3/8"	68	11	KN18868CY3L	UHLX18-58SG	39450(188SLHK095)
18"	.050"	3/8"	68	11	KN18068CY3L	UHLX18-50SG	180SLHK095
20"	.050"	.325"	76	11	KN20076DY3L		200SLGK095
20"	.058"	.325"	76	11	KN20876DY3L		208SLGK095
12"	.050"	3/8"LP	44	7	AS12044BQ1L	SW12-50CR	120SDEA074
14"	.050"	3/8"LP	50	7	AS14050BQ1L	SW14-50CR	140SDEA074
16"	.050"	3/8"LP	55	7	AS16055BQ1L	SW16-50CR	160SDEA074
18"	.050"	3/8"	61	9		SW18-50CR	30050004817
18"	.058"	3/8"	61	9		SW18-58CR	30050004717
16"	.050"	3/8"LP	56	9	AS16056BJ4L	SW16-50CR	160SPEA074
12"	.050"	3/8"LP	45	9	AF12045BJ4L	PO12-50CR	120GPEA041
14"	.050"	3/8"LP	52	9	AF14052BJ4L	PO14-50CR	140GPEA041
16"	.050"	3/8"LP	57	9	AF16057BJ4L	PO16-50CR	160GPEA041
18"	.050"	3/8"LP	64	9	AF18064BJ4L	PO18-50CR	180GPEA041
16"	.050"	.325"	67	11	DF16067DY4L	SN16-50SH	160SLGD025
16"	.063"	.325"	67	11	DF16367DY4L	SN16-63SH	163SLGD025
18"	.050"	.325"	74	11	DF18074DY6L	SN18-50SH	180SLGD025
18"	.063"	.325"	74	11	DF18374DY6L	SN18-63SH	183SLGD025
16"	.063"	3/8"	60	11	DF16360CY6L	SN16-63SG	163SLHD025
16"	.063"	3/8"	60	11	DF16360CY5R	SN16-63SG	163RNHD025
16"	.063"	.325"	67	12	DF16367DE5R	SN16-63SG	163RNGD025
18"	.063"	3/8"	66	11	DF18366CY6L	SN18-63SG	183SLHD025
20"	.063"	3/8"	72	11	DF20372CY6L	SN20-63SG	203SLHD025
20"	.050"	3/8"	72	11	DF20072CY5R		200RNHD025
20"	.063"	.325"	81	12	DF20381DE5R		203RNGD025
18"	.050"	3/8"	68	11	DZ18068CY3L	HV18-50SG	180SLHD009
18"	.058"	3/8"	68	11	DZ18868CY3L	HV18-58SG	188SLHD009
20"	.050"	3/8"	72	11	DZ20072CY3L	HV20-50SG	200SLHD009
20"	.058"	3/8"	72	11	DZ20872CY3L	HV20-58SG	208SLHD009
20"	.050"	3/8"	72	11	DZ20072CY5R		200RNHD009
18"	.050"	3/8"	68	11	DT18068CY5L	JO18-50SG	180SLHD024
18"	.058"	3/8"	68	11	DT18868CY5L	JO18-58SG	188SLHD024
20"	.050"	3/8"	72	11	DT20072CY5L	JO20-50SG	200SLHD024
20"	.058"	3/8"	72	11	DT20872CY5L	JO20-58SG	208SLHD024
8"	.043"	3/8"LP	34	7	AE08434BQ1L		084SDEA218
8"	.050"	3/8"LP	34	7	AE08034BQ1L		080SDEA218
10"	.043"	3/8"LP	40	7	AE10440BQ1L		104MLEA218
10"	.050"	3/8"LP	40	7	AE10040BQ1L		100MLEA218
15"	.050"	.325"	64	10	KN15064DS4L		150MPBK095
18"	.050"	.325"	72	10	KN18072DS4L		180MPBK095
22"	.063"	3/8"	76	10	KN22376CS4L		223SLDK095
22"	.058"	.325"	86	11	KN22886DY4L		228SLBK095
12"	.050"	3/8"LP	44	9	AF12044BJ4L		120SPEA041
16"	.050"	3/8"LP	55	7	AB16055BQ1L		160SDEA318

AR03428LE-LWSN

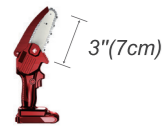
HAND-HELD BATTERY CHAINSAW

Description:

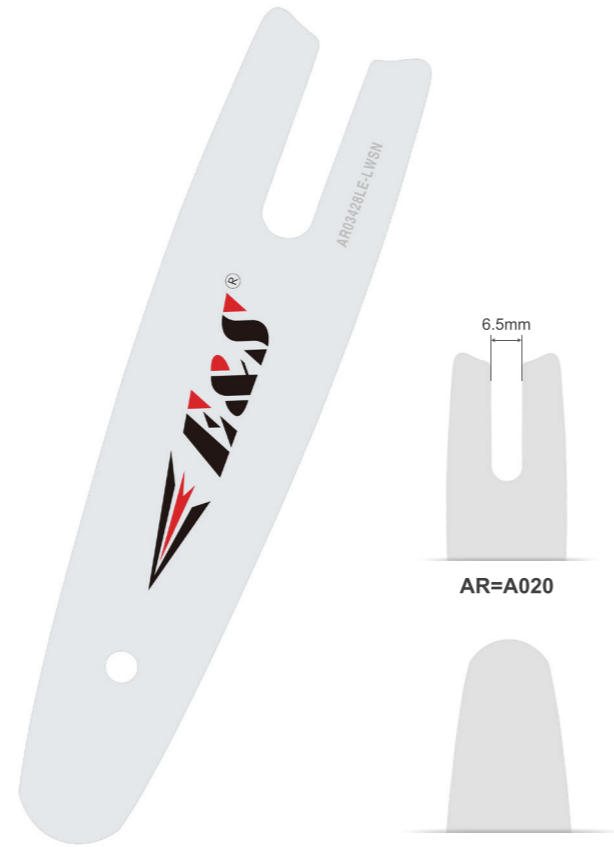
Lightweight and portable, this bar is designed for arborists, orchards and occasional users who need the advantages of a narrow cut system.

Details:

- ✓ Pitch: 0.20" Gauge: 0.043" Length: 3"
- ✓ Suitable for battery hand-held pruning saws.
- ✓ Applicable to 15 series chains of pitch 0.20".
- ✓ Better control, less kickback.
- ✓ Light weight with compact size adds more convenience to the operation, and you can comfortably hold it for a long time.



Recommend battery saw size up to 12V



AW05427LT-LWSN

HAND-HELD BATTERY CHAINSAW

Description:

Lightweight and portable, this bar is designed for arborists, orchards and occasional users who need the advantages of a narrow cut system.

Details:

- ✓ Pitch: 0.30" Gauge: 0.043" Length: 5"
- ✓ Suitable for battery hand-held pruning saws.
- ✓ Applicable to 30 series chains of pitch 0.30".
- ✓ Better control, less kickback.
- ✓ Lightweight body, highly convenient, longer holding, and no tired hands.



Recommend battery saw size 12V-24V



AL04424LT-LWSN

HAND-HELD BATTERY CHAINSAW

Description:

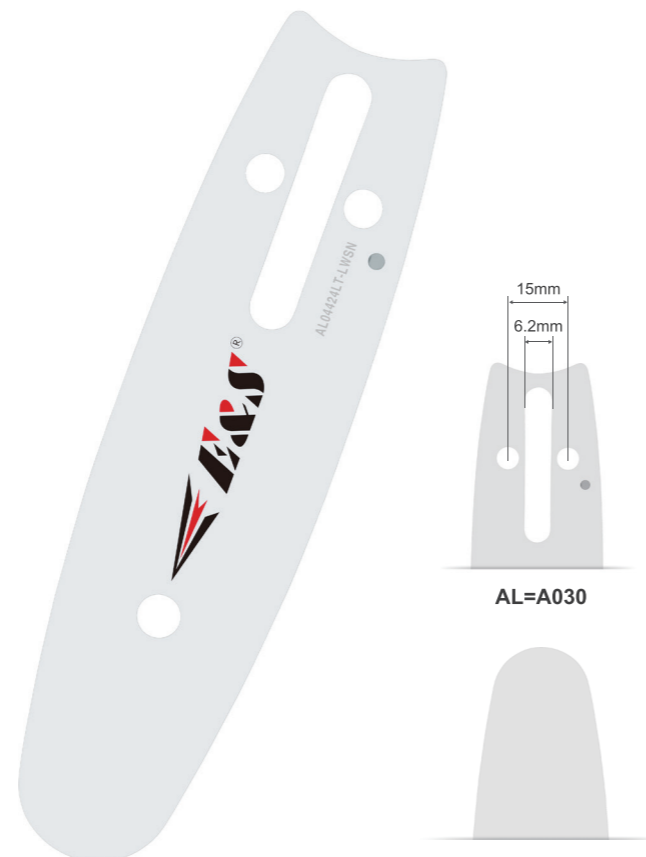
Lightweight and portable, this bar is designed for arborists, orchards and occasional users who need the advantages of a narrow cut system.

Details:

- ✓ Pitch: 0.30" Gauge: 0.043" Length: 4"
- ✓ Suitable for battery hand-held pruning saws.
- ✓ Applicable to 30 series chains of pitch 0.30".
- ✓ Better control, less kickback.
- ✓ Light weight with compact size adds more convenience to the operation, and you can comfortably hold it for a long time.



Recommend battery saw size 12V-24V



AD06430LT-LWSN

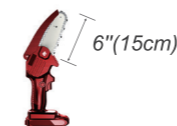
HAND-HELD BATTERY CHAINSAW

Description:

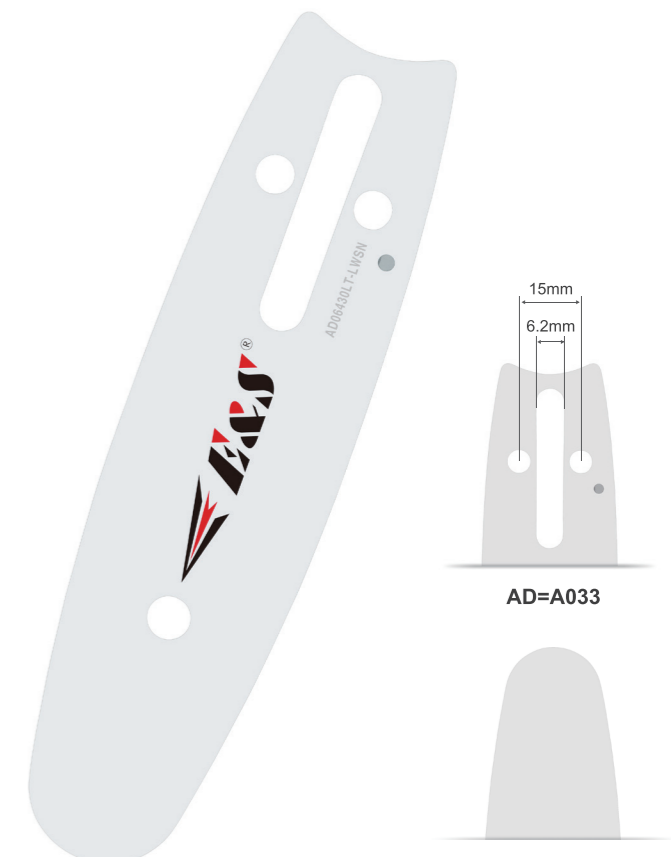
Lightweight and portable, this bar is designed for arborists, orchards and occasional users who need the advantages of a narrow cut system.

Details:

- ✓ Pitch: 0.30" Gauge: 0.043" Length: 6"
- ✓ Suitable for battery hand-held pruning saws.
- ✓ Applicable to 30 series chains of pitch 0.30".
- ✓ Better control, less kickback.
- ✓ Lightweight body, highly convenient, longer holding, and no tired hands.



Recommend battery saw size 12V-24V

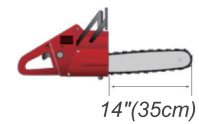


Description:

Lightweight and reversible, this bar is designed for arborists, orchards and occasional users who need the advantages of a narrow cut system. There is also an extra hole in the bar, which can help users to accurately grind the chain.

Details:

- ✓ Pitch: 3/8"LP Gauge: .050" Length: 14"
- ✓ Suitable for electric and gasoline saws up to 45 cc.
- ✓ Applicable to 91 series chains of 3/8"LP.
- ✓ Better control, less kickback.
- ✓ Small radius nose helps to reduce kickback.
- ✓ Slim symmetrical profile, light weight, good maneuverability, reversible, long service life.
- ✓ Accurate cuts provide higher cutting efficiency and require less saw power.
- ✓ The special tail design helps the chain to be tightened quickly and correctly.
- ✓ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.
- ✓ PowerSharp is available.



AF14052BQ1L

LAMINATED GUIDE BAR



Recommend saw size up to 45 cc

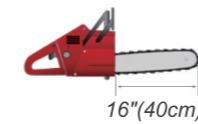


Description:

This laminated sprocket nose bar is specially designed for full-time professional users of pulp, wood cutting and heavy farm users. It is made of special alloy steel with high strength and light weight. Ideal for modern high-speed saws.

Details:

- ✓ Pitch: 3/8"LP Gauge: .050" Length: 16"
- ✓ Suitable for high-speed saws from 38 to 65 cc.
- ✓ Applicable to 91 series chains of 3/8"LP.
- ✓ Slim silhouette and low weight bar provide excellent maneuverability.
- ✓ Special sprocket nose design, the life of the guide bar is increased by 20% compared with previous products.
- ✓ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.
- ✓ Accurate cuts provide higher cutting efficiency and require less saw power.
- ✓ The special tail design helps the chain to be tightened quickly and correctly.



AF16056BQ1L

LAMINATED GUIDE BAR



Recommend saw size 38 to 65 cc

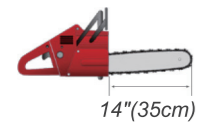


Description:

This laminated sprocket nose bar is specially designed for full-time professional users of pulp, wood cutting and heavy farm users. It is made of special alloy steel with high strength and light weight. Ideal for modern high-speed saws.

Details:

- ✓ Pitch: 3/8"LP Gauge: .050" Length: 14"
- ✓ Suitable for high-speed saws from 38 to 65 cc.
- ✓ Applicable to 91 series chains of 3/8"LP.
- ✓ Slim silhouette and low weight bar provide excellent maneuverability.
- ✓ Special sprocket nose design, the life of the guide bar is increased by 20% compared with previous products.
- ✓ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.
- ✓ Accurate cuts provide higher cutting efficiency and require less saw power.
- ✓ The special tail design helps the chain to be tightened quickly and correctly.



AS14050BJ4L

LAMINATED GUIDE BAR



Recommend saw size 38 to 65 cc

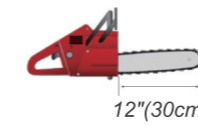


Description:

Lightweight and reversible, this bar is designed for arborists, orchards and occasional users who need the advantages of a narrow cut system. There is also an extra hole in the bar, which can help users to accurately grind the chain.

Details:

- ✓ Pitch: 3/8"LP Gauge: .050" Length: 12"
- ✓ Suitable for electric and gasoline saws up to 45 cc.
- ✓ Applicable to 91 series chains of 3/8"LP.
- ✓ Better control, less kickback.
- ✓ Small radius nose helps to reduce kickback.
- ✓ Slim symmetrical profile, light weight, good maneuverability, reversible, long service life.
- ✓ Accurate cuts provide higher cutting efficiency and require less saw power.
- ✓ The special tail design helps the chain to be tightened quickly and correctly.
- ✓ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.



AS12044BQ1L

LAMINATED GUIDE BAR



Recommend saw size up to 45 cc

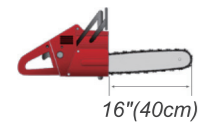


Description:

This laminated sprocket nose bar is specially designed for full-time professional users of pulp, wood cutting and heavy farm users. It is made of special alloy steel with high strength and light weight. Ideal for modern high-speed saws.

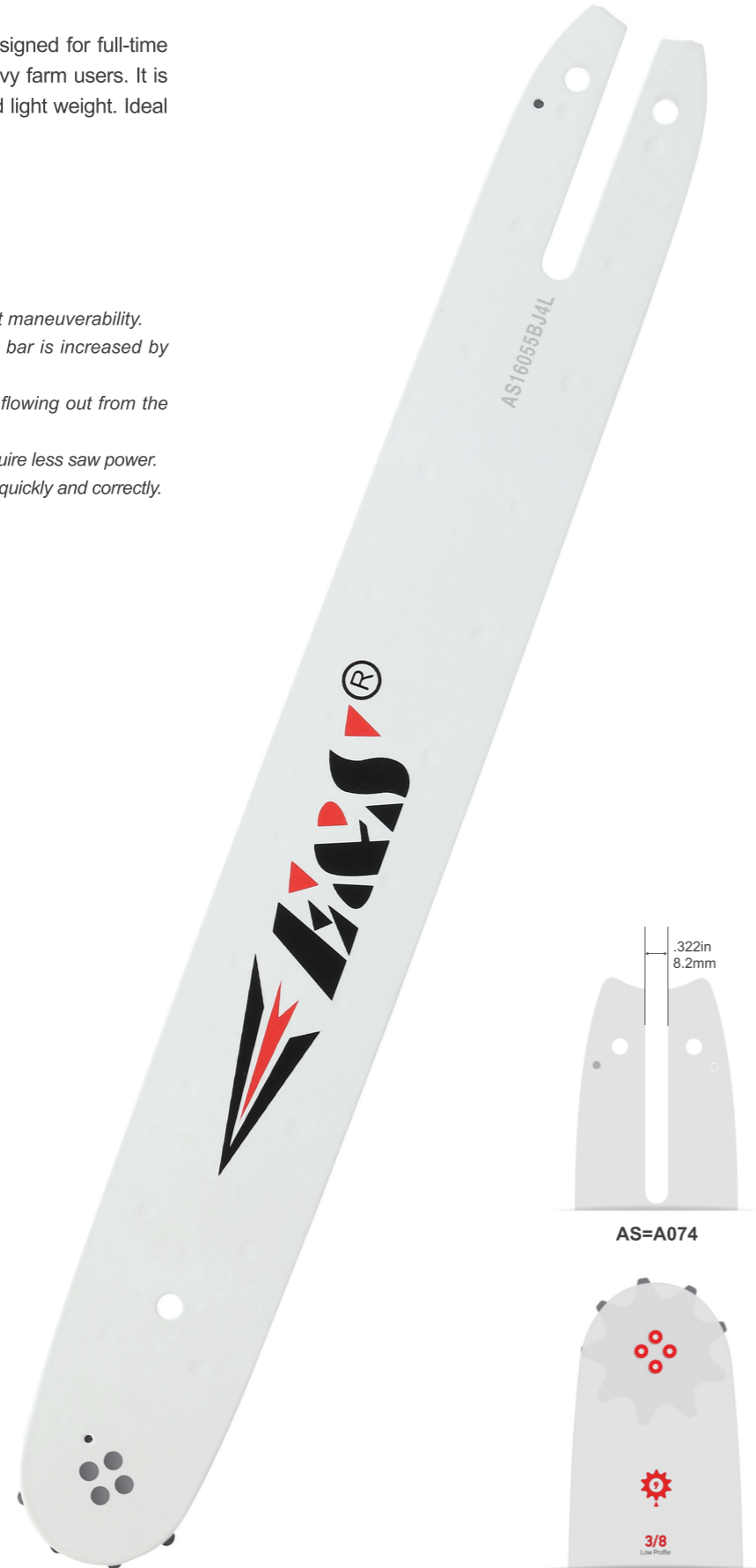
Details:

- ✓ Pitch: 3/8"LP Gauge: .050" Length: 16"
- ✓ Suitable for high-speed saws from 38 to 65 cc.
- ✓ Applicable to 91 series chains of 3/8"LP.
- ✓ Slim silhouette and low weight bar provide excellent maneuverability.
- ✓ Special sprocket nose design, the life of the guide bar is increased by 20% compared with previous products.
- ✓ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.
- ✓ Accurate cuts provide higher cutting efficiency and require less saw power.
- ✓ The special tail design helps the chain to be tightened quickly and correctly.



AS16055BJ4L

LAMINATED GUIDE BAR



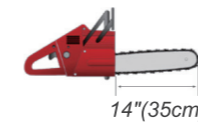
Recommend saw size 38 to 65 cc

Description:

Lightweight and reversible, this bar is designed for arborists, orchards and occasional users.

Details:

- ✓ Pitch: 3/8"LP Gauge: .050" Length: 14"
- ✓ Suitable for electric and gasoline saws up to 45 cc.
- ✓ Applicable to 91 series chains of 3/8"LP.
- ✓ Better control, less kickback.
- ✓ Small radius nose helps to reduce kickback.
- ✓ Slim symmetrical profile, light weight, good maneuverability, reversible, long service life.



AE14049BQ1L

LAMINATED GUIDE BAR



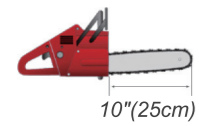
Recommend saw size up to 45 cc

Description:

Lightweight and reversible, this bar is designed for arborists, orchards and occasional users who need the advantages of a narrow cut system. There is also an extra hole in the bar, which can help users to accurately grind the chain.

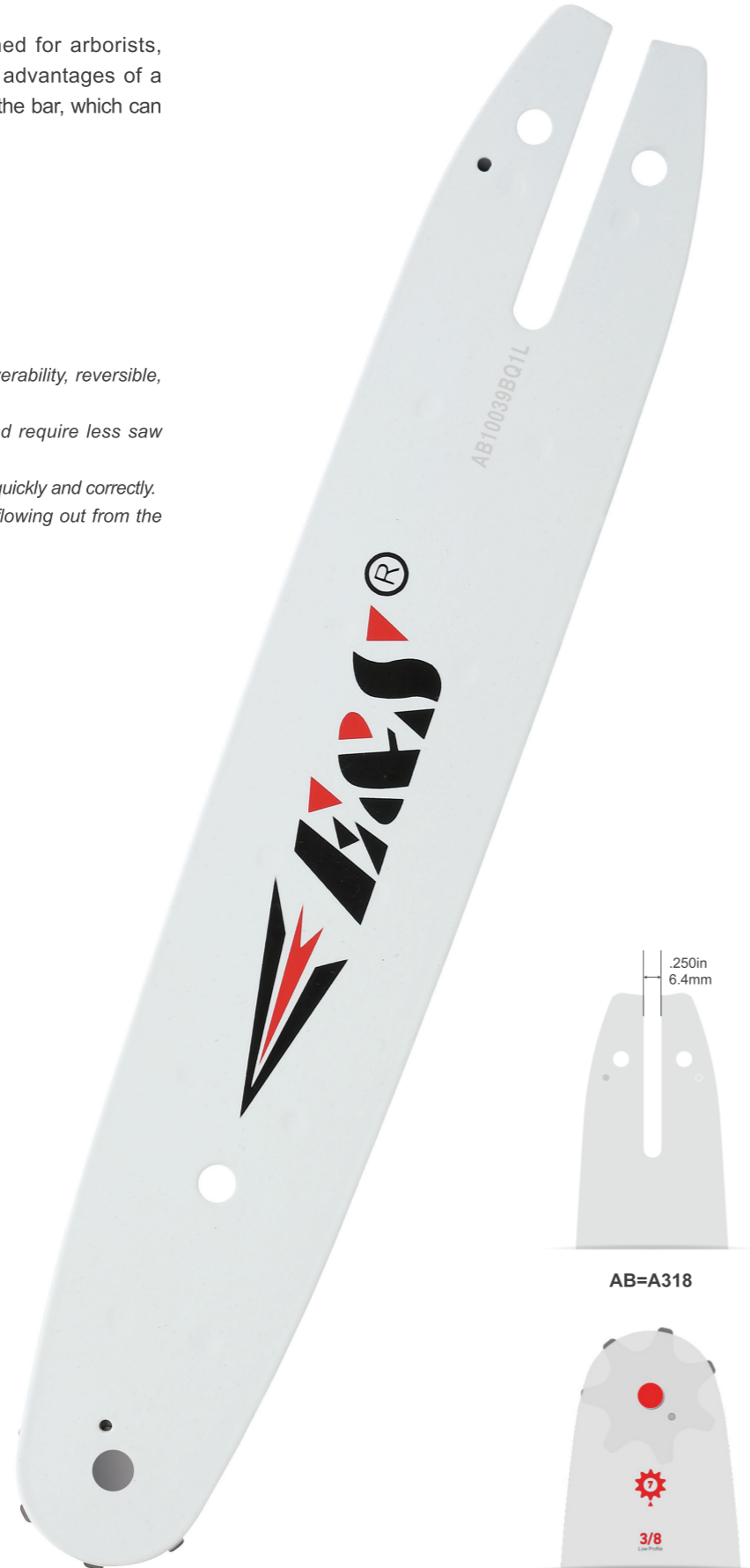
Details:

- ✓ Pitch: 3/8"LP Gauge: .050" Length: 10"
- ✓ Suitable for electric and gasoline saws up to 45 cc.
- ✓ Applicable to 91 series chains of 3/8"LP.
- ✓ Better control, less kickback.
- ✓ Small radius nose helps to reduce kickback.
- ✓ Slim symmetrical profile, light weight, good maneuverability, reversible, long service life.
- ✓ Accurate cuts provide higher cutting efficiency and require less saw power.
- ✓ The special tail design helps the chain to be tightened quickly and correctly.
- ✓ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.



AB10039BQ1L

LAMINATED GUIDE BAR

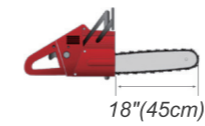


Description:

This laminated sprocket nose bar is specially designed for full-time professional users of pulp, wood cutting and heavy farm users. It is made of special alloy steel with high strength and light weight. Ideal for modern high-speed saws.

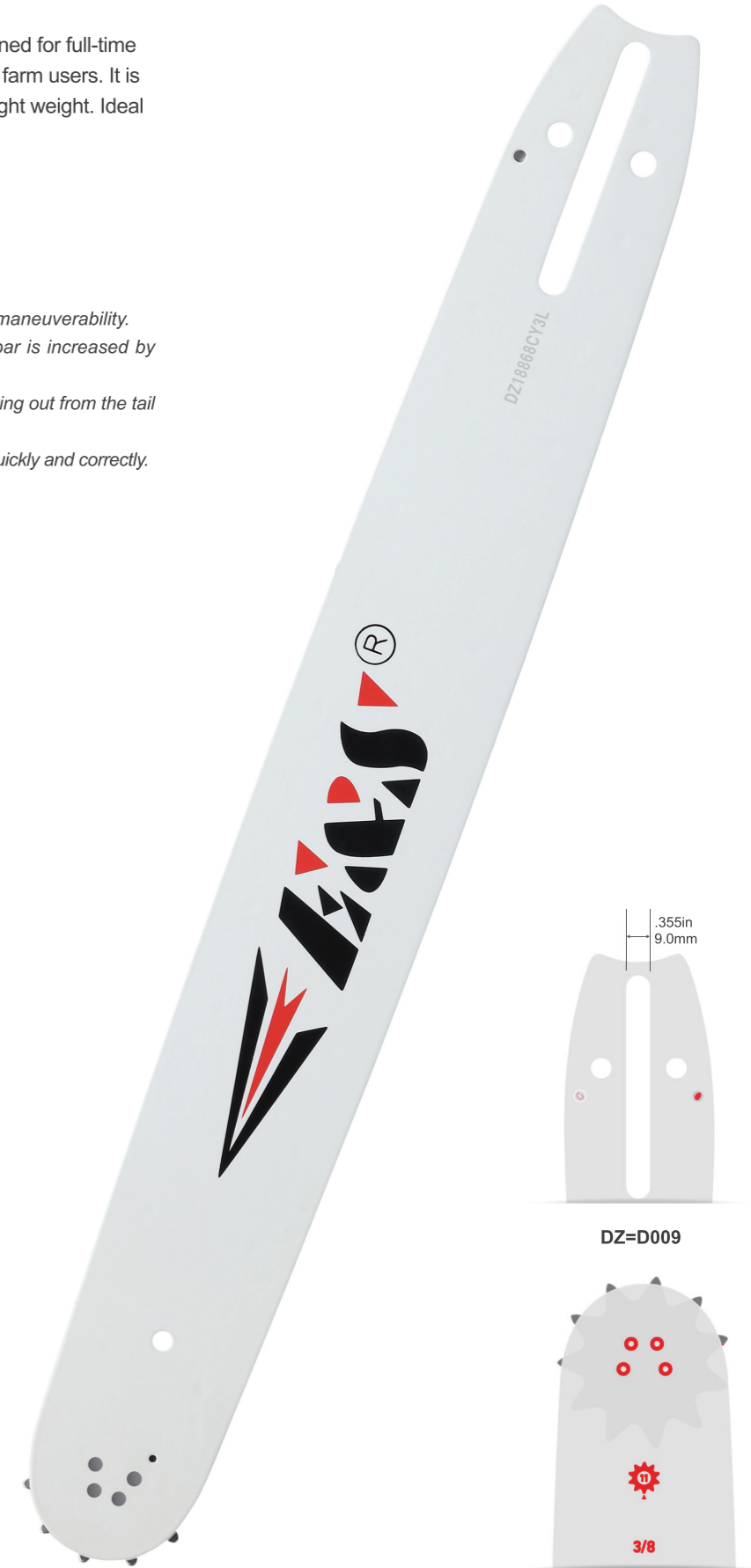
Details:

- ✓ Pitch: 3/8" Gauge: .058" Length: 18"
- ✓ Suitable for high-speed saws from 38 to 65 cc.
- ✓ Applicable to 73 series chains of 3/8".
- ✓ Slim silhouette and low weight bar provide excellent maneuverability.
- ✓ Special sprocket nose design, the life of the guide bar is increased by 20% compared with previous products.
- ✓ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.
- ✓ The special tail design helps the chain to be tightened quickly and correctly.



DZ18868CY3L

LAMINATED GUIDE BAR

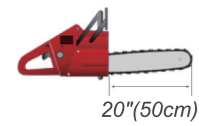


Description:

This laminated sprocket nose bar is specially designed for full-time professional users of pulp, wood cutting and heavy farm users. It is made of special alloy steel with high strength and light weight. Ideal for modern high-speed saws.

Details:

- ✓ Pitch: 3/8" Gauge: .058" Length: 20"
- ✓ Suitable for high-speed saws from 38 to 65 cc.
- ✓ Applicable to 73 series chains of 3/8".
- ✓ Slim silhouette and low weight bar provide excellent maneuverability.
- ✓ Special sprocket nose design, the life of the guide bar is increased by 20% compared with previous products.
- ✓ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.
- ✓ The special tail design helps the chain to be tightened quickly and correctly.

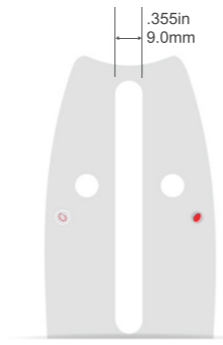


DZ20872CY6L

LAMINATED GUIDE BAR



Recommend saw size 38 to 65 cc



DZ=D009

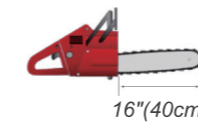


Description:

This laminated sprocket nose bar is specially designed for full-time professional users of pulp, wood cutting and heavy farm users. It is made of special alloy steel with high strength and light weight. Ideal for modern high-speed saws.

Details:

- ✓ Pitch: 3/8" Gauge: .058" Length: 16"
- ✓ Suitable for high-speed saws from 38 to 65 cc.
- ✓ Applicable to 73 series chains of 3/8".
- ✓ Slim silhouette and low weight bar provide excellent maneuverability.
- ✓ Special sprocket nose design, the life of the guide bar is increased by 20% compared with previous products.
- ✓ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.
- ✓ The special tail design helps the chain to be tightened quickly and correctly.

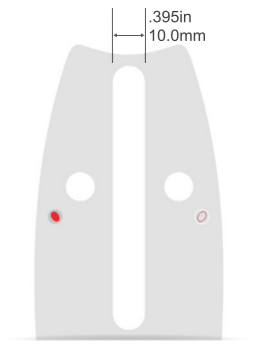


DT16860CY5L

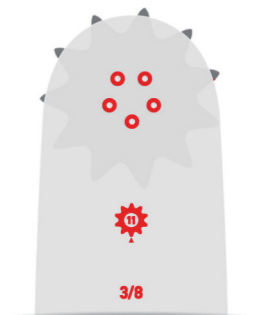
LAMINATED GUIDE BAR



Recommend saw size 38 to 65 cc



DT=D024

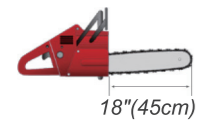


Description:

This laminated sprocket nose bar is specially designed for full-time professional users of pulp, wood cutting and heavy farm users. It is made of special alloy steel with high strength and light weight. Ideal for modern high-speed saws.

Details:

- ✓ Pitch: .325" Gauge: .050" Length: 18"
- ✓ Suitable for high-speed saws from 38 to 65 cc.
- ✓ Applicable to 20 series chains of .325".
- ✓ Slim silhouette and low weight bar provide excellent maneuverability.
- ✓ Special sprocket nose design, the life of the guide bar is increased by 20% compared with previous products.
- ✓ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.
- ✓ The special tail design helps the chain to be tightened quickly and correctly.



DF18074DY4L

LAMINATED GUIDE BAR



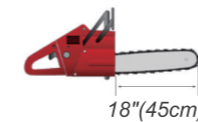
Recommend saw size 38 to 65 cc

Description:

This laminated sprocket nose bar is specially designed for full-time professional users of pulp, wood cutting and heavy farm users. It is made of special alloy steel with high strength and light weight. Ideal for modern high-speed saws.

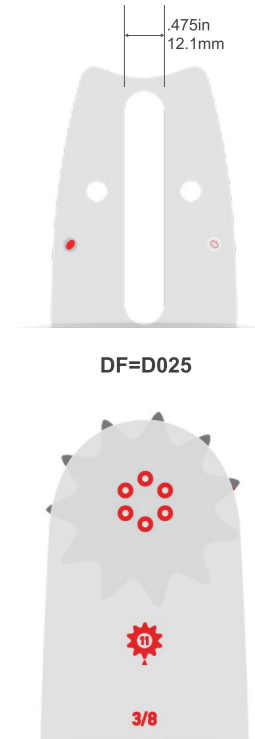
Details:

- ✓ Pitch: 3/8" Gauge: .063" Length: 18"
- ✓ Suitable for high-speed saws from 38 to 65 cc.
- ✓ Applicable to 75 series chains of 3/8".
- ✓ Slim silhouette and low weight bar provide excellent maneuverability.
- ✓ Special sprocket nose design, the life of the guide bar is increased by 20% compared with previous products.
- ✓ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.
- ✓ Accurate cuts provide higher cutting efficiency and require less saw power.
- ✓ The special tail design helps the chain to be tightened quickly and correctly.



DF18366CY6L

LAMINATED GUIDE BAR



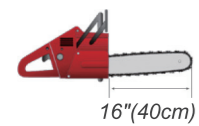
Recommend saw size 38 to 65 cc

Description:

This laminated sprocket nose bar is specially designed for full-time professional users of pulp, wood cutting and heavy farm users. It is made of special alloy steel with high strength and light weight. Ideal for modern high-speed saws.

Details:

- ✓ Pitch: .325" Gauge: .050" Length: 16"
- ✓ Suitable for high-speed saws from 38 to 65 cc.
- ✓ Applicable to 20 series chains of .325".
- ✓ Slim silhouette and low weight bar provide excellent maneuverability.
- ✓ Special sprocket nose design, the life of the guide bar is increased by 20% compared with previous products.
- ✓ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.
- ✓ The special tail design helps the chain to be tightened quickly and correctly.



KF16066DS4L

LAMINATED GUIDE BAR



Recommend saw size 38 to 65 cc

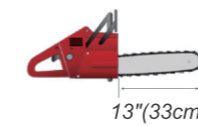


Description:

Lightweight and reversible, this bar is designed for arborists, orchards and occasional users.

Details:

- ✓ Pitch: .325" Gauge: .050" Length: 13"
- ✓ Suitable for electric and gasoline saws up to 62 cc.
- ✓ Applicable to 20 series chains of .325".
- ✓ Low weight bar provides excellent maneuverability.
- ✓ Small radius nose helps to reduce kickback.
- ✓ Slim symmetrical profile, light weight, good maneuverability, reversible, long service life.

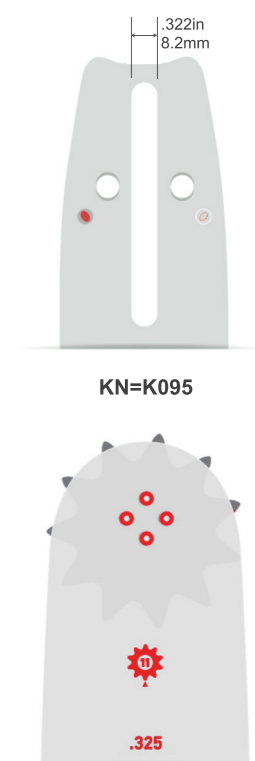


KN13056DY4L

LAMINATED GUIDE BAR



Recommend saw size up to 62 cc

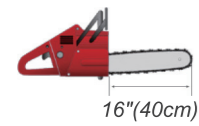


Description:

This laminated sprocket nose bar is specially designed for full-time professional users of pulp, wood cutting and heavy farm users. It is made of special alloy steel with high strength and light weight. Ideal for modern high-speed saws.

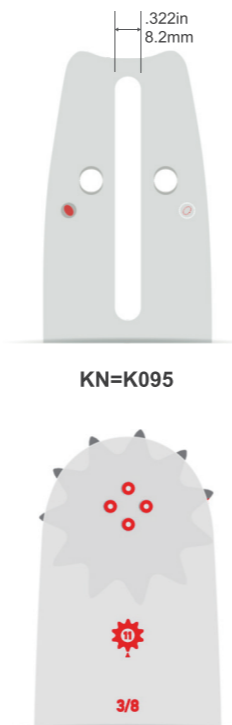
Details:

- ✓ Pitch: 3/8" Gauge: .058" Length: 16"
- ✓ Suitable for high-speed saws from 38 to 65 cc.
- ✓ Applicable to 73 series chains of 3/8".
- ✓ Slim silhouette and low weight bar provide excellent maneuverability.
- ✓ Special sprocket nose design, the life of the guide bar is increased by 20% compared with previous products.
- ✓ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.
- ✓ The special tail design helps the chain to be tightened quickly and correctly.



KN16860CY4L

LAMINATED GUIDE BAR

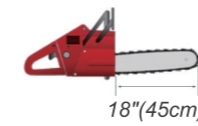


Description:

This laminated sprocket nose bar is specially designed for full-time professional users of pulp, wood cutting and heavy farm users. It is made of special alloy steel with high strength and light weight. Ideal for modern high-speed saws.

Details:

- ✓ Pitch: 3/8" Gauge: .058" Length: 18"
- ✓ Suitable for high-speed saws from 38 to 65 cc.
- ✓ Applicable to 73 series chains of 3/8".
- ✓ Slim silhouette and low weight bar provide excellent maneuverability.
- ✓ Special sprocket nose design, the life of the guide bar is increased by 20% compared with previous products.
- ✓ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.
- ✓ The special tail design helps the chain to be tightened quickly and correctly.



KN18864CY3L

LAMINATED GUIDE BAR

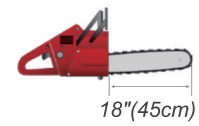


Description:

This laminated sprocket nose bar is specially designed for full-time professional users of pulp, wood cutting and heavy farm users. It is made of special alloy steel with high strength and light weight. Ideal for modern high-speed saws.

Details:

- ✓ Pitch: .325" Gauge: .058" Length: 18"
- ✓ Suitable for high-speed saws from 38 to 65 cc.
- ✓ Applicable to 21 series chains of .325".
- ✓ Slim silhouette and low weight bar provide excellent maneuverability.
- ✓ Special sprocket nose design, the life of the guide bar is increased by 20% compared with previous products.
- ✓ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.
- ✓ The special tail design helps the chain to be tightened quickly and correctly.



KN18872DE3L

LAMINATED GUIDE BAR



Recommend saw size 38 to 65 cc

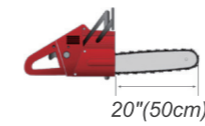


Description:

This laminated sprocket nose bar is specially designed for full-time professional users of pulp, wood cutting and heavy farm users. It is made of special alloy steel with high strength and light weight. Ideal for modern high-speed saws.

Details:

- ✓ Pitch: .325" Gauge: .058" Length: 20"
- ✓ Suitable for high-speed saws from 38 to 65 cc.
- ✓ Applicable to 21 series chains of .325".
- ✓ Slim silhouette and low weight bar provide excellent maneuverability.
- ✓ Special sprocket nose design, the life of the guide bar is increased by 20% compared with previous products.
- ✓ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.
- ✓ The special tail design helps the chain to be tightened quickly and correctly.



KN20878DY5L

LAMINATED GUIDE BAR



Recommend saw size 38 to 65 cc



Replaceable Sprocket-Nose Guide Bar

RSN Bar is suitable for experienced users who want to carry out some professional-level projects. It is made of super-strong chromium-molybdenum steel with excellent wear resistance and chipping resistance. This type of replaceable sprocket nose bridge can be fixed on the unit using only one rivet, however, this does not affect safety because it is firmly fixed in place with wide and strong overlapping ears.

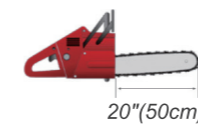
E&S New Model No.	Pitch	Gauge	Drive Link Counts	OREGON Model No.
DZ16060CY5R	3/8"	.050"	60	160RNDD009
DZ20072CY5R	3/8"	.050"	72	200RNDD009
DZ18868CY5R	3/8"	.058"	68	188RNDD009
DZ20872CY5R	3/8"	.058"	72	208RNDD009
DF16060CY5R	3/8"	.050"	60	160RNDD025
DF18066CY5R	3/8"	.050"	66	180RNDD025
DF20072CY5R	3/8"	.050"	72	200RNDD025
DF18366CY5R	3/8"	.063"	66	183RNDD025
DF20372CY5R	3/8"	.063"	72	203RNDD025
KN18072DE5R	.325"	.050"	72	180RNBK095
KN20078DE5R	.325"	.050"	78	200RNBK095
KN20878DE5R	.325"	.058"	78	208RNBK095
KN18068CY5R	3/8"	.050"	68	180RNDK095
KN18868CY5R	3/8"	.058"	68	188RNDK095
KN20072CY5R	3/8"	.050"	72	200RNDK095
KN20872CY5R	3/8"	.058"	72	208RNDK095
DZ18068CY5R	3/8"	.050"	68	180RNDD009
DZ16860CY5R	3/8"	.058"	60	168RNDD009
DF16360CY5R	3/8"	.063"	60	163RNDD025
DS24081CY5R	3/8"	.050"	81	240RNDD176
DN20072CY5R	3/8"	.050"	72	200RNDD196
EL25380ES5R	.404"	.063"	80	253RNFE031
EZ423122ES5R	.404"	.063"	122	423RNDE099
DT24882CY5R	3/8"	.058"	82	248RNDD024

Description:

The special design of the nose provides this bar longer service life, and it is made of special alloy steel for a high-strength bar body to be extremely wear-resistant. The splicing point between the body and the nose is fixed with rivets through overlapping ears.

Details:

- √ Pitch: 3/8" Gauge: .050" Length: 20"
- √ Suitable for 62 cc and larger gasoline saws used by professional users.
- √ Suitable for 3/8" 72 series chains.
- √ The sprocket nose can be replaced.
- √ The special sprocket-nose design increases the service life of the bar by 50%.
- √ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.

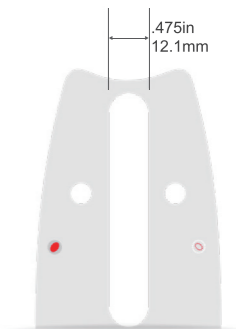
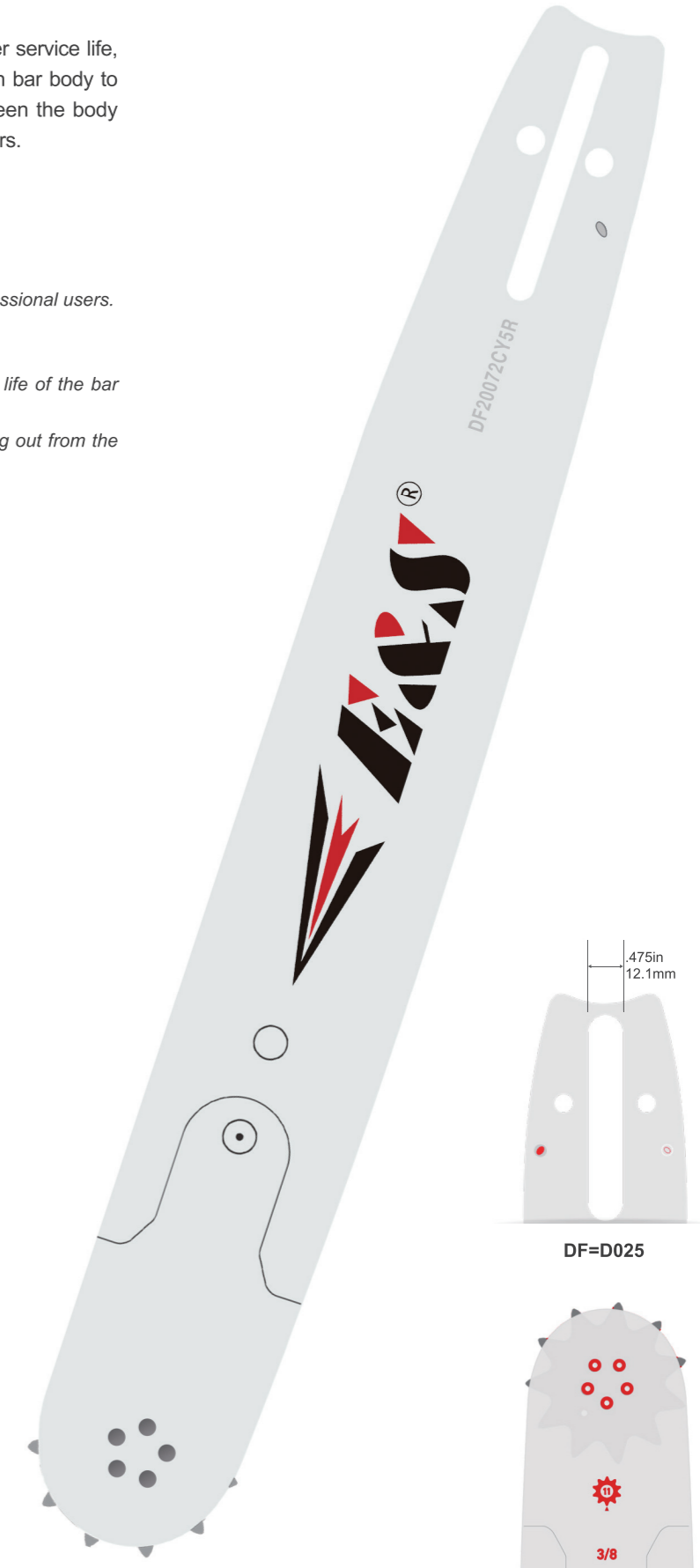


DF20072CY5R

RSN GUIDE BAR



Recommend saw size 62cc and larger



DF=D025



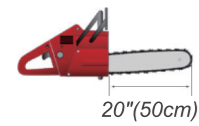
3/8

Description:

The special design of the nose provides this bar longer service life, and it is made of special alloy steel for a high-strength bar body to be extremely wear-resistant. The splicing point between the body and the nose is fixed with rivets through overlapping ears.

Details:

- ✓ Pitch: 3/8" Gauge: .063" Length: 20"
- ✓ Suitable for 62 cc and larger gasoline saws used by professional users.
- ✓ Suitable for 3/8" 75 series chains.
- ✓ The sprocket nose can be replaced.
- ✓ The special sprocket-nose design increases the service life of the bar by 50%.
- ✓ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.

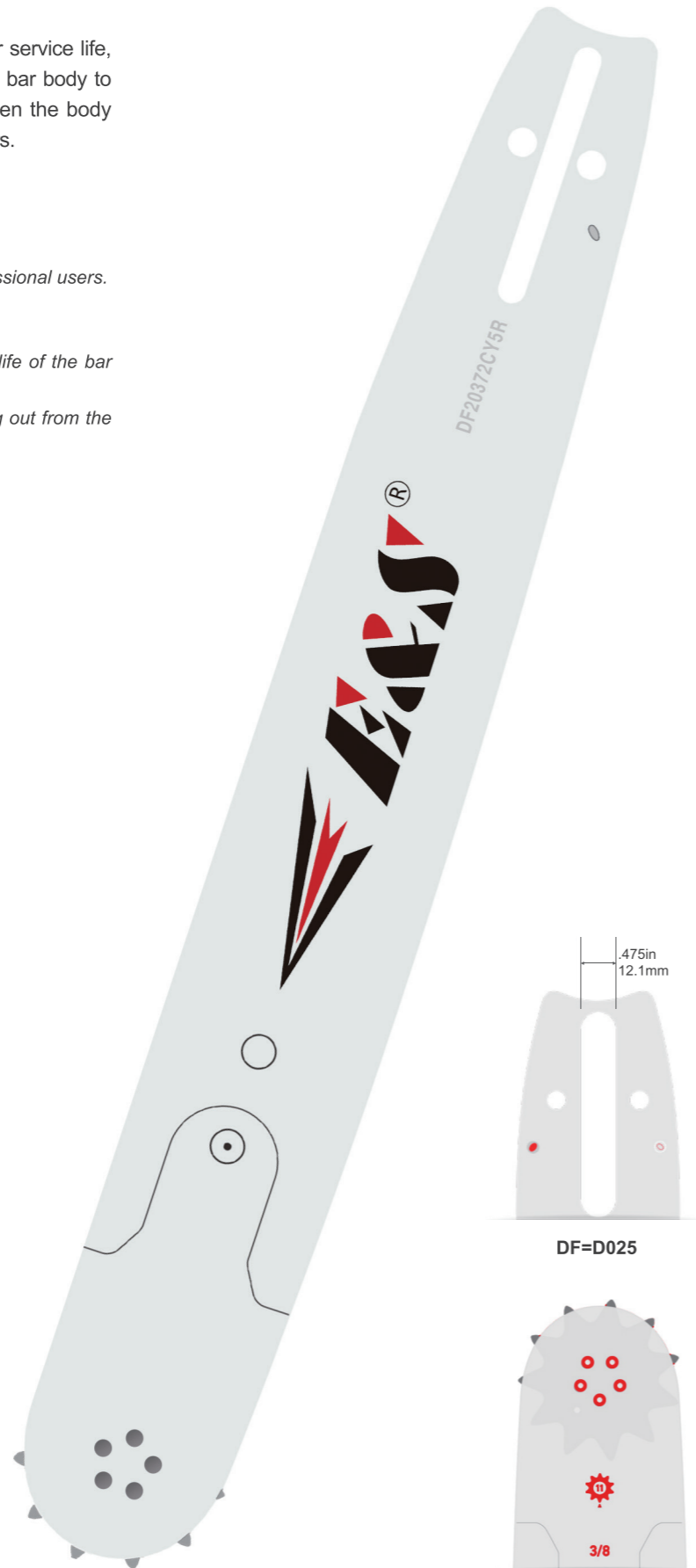


DF20372CY5R

RSN GUIDE BAR



Recommend saw size 62cc and larger

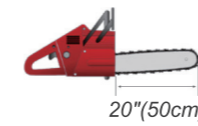


Description:

The special design of the nose provides this bar longer service life, and it is made of special alloy steel for a high-strength bar body to be extremely wear-resistant. The splicing point between the body and the nose is fixed with rivets through overlapping ears.

Details:

- ✓ Pitch: .325" Gauge: .050" Length: 20"
- ✓ Suitable for 62 cc and larger gasoline saws used by professional users.
- ✓ Suitable for .325" 20 series chains.
- ✓ The sprocket nose can be replaced.
- ✓ The special sprocket-nose design increases the service life of the bar by 50%.
- ✓ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.

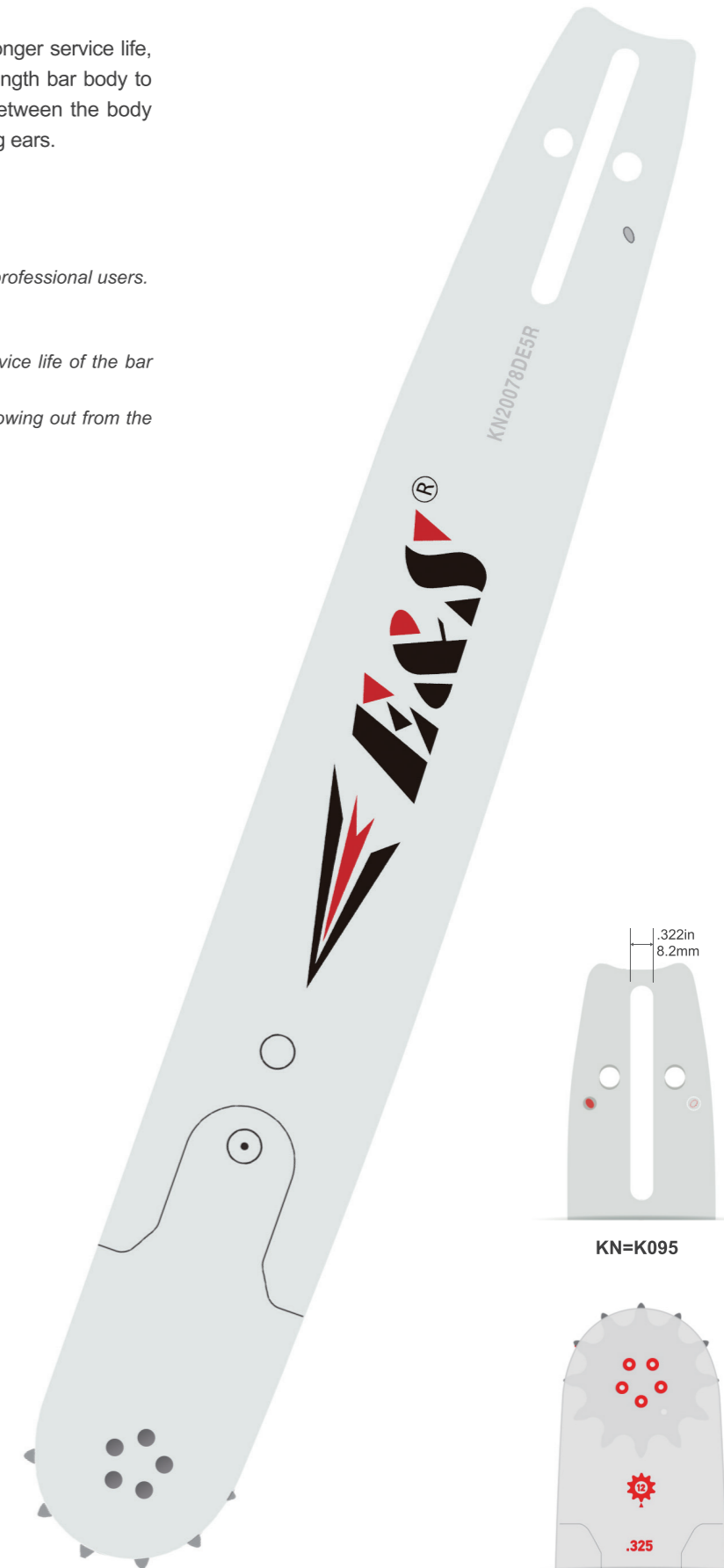


KN20078DE5R

RSN GUIDE BAR



Recommend saw size 62cc and larger

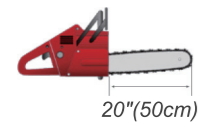


Description:

The special design of the nose provides this bar longer service life, and it is made of special alloy steel for a high-strength bar body to be extremely wear-resistant. The splicing point between the body and the nose is fixed with rivets through overlapping ears.

Details:

- ✓ Pitch: .325" Gauge: .058" Length: 20"
- ✓ Suitable for 62 cc and larger gasoline saws used by professional users.
- ✓ Suitable for .325" 21 series chains.
- ✓ The sprocket nose can be replaced.
- ✓ The special sprocket-nose design increases the service life of the bar by 50%.
- ✓ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.

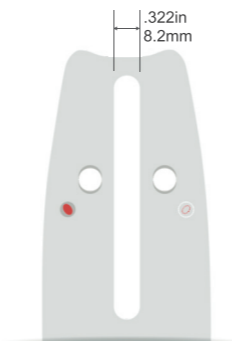
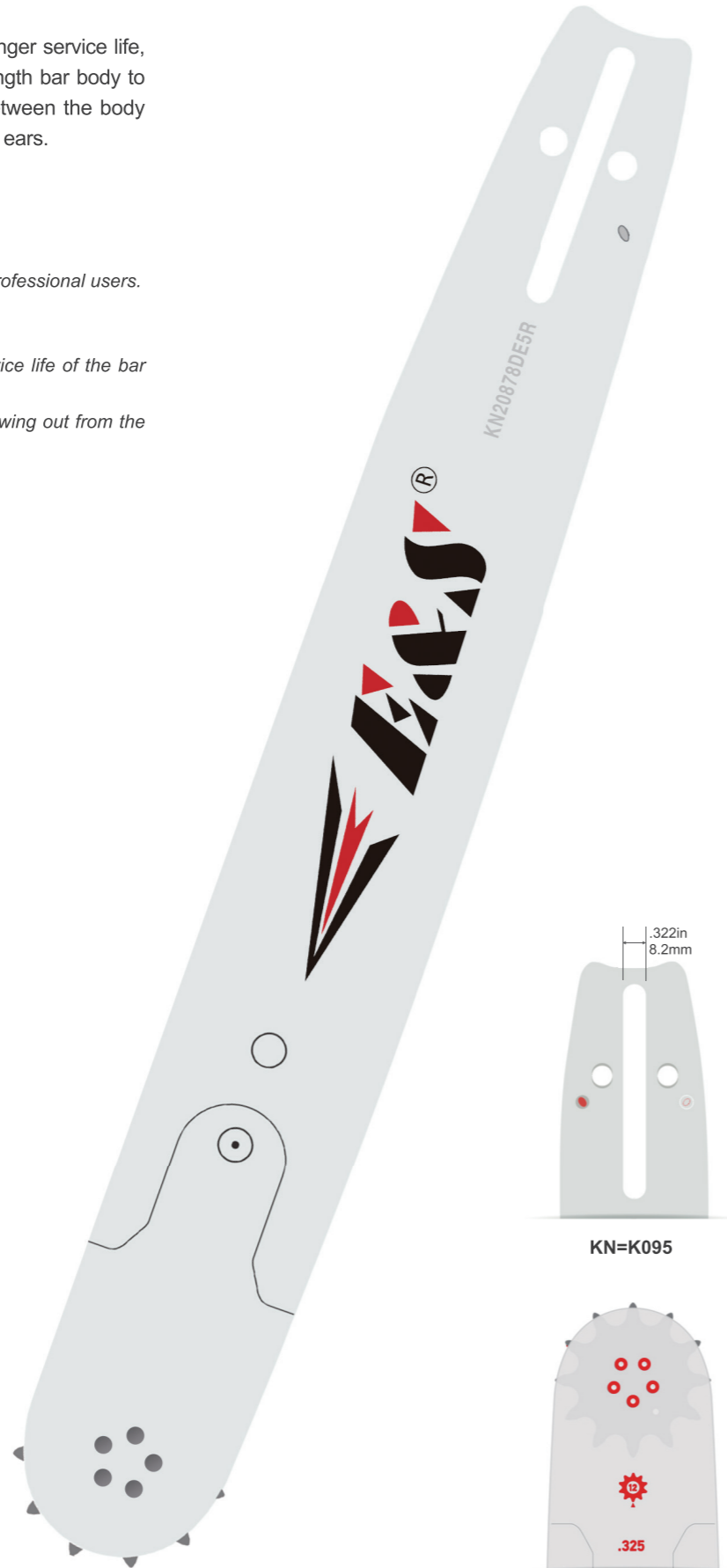


KN20878DE5R

HARD NOSE GUIDE BAR



Recommend saw size 62cc and larger



KN=K095



Hard Nose Guide Bar

Professional Hard Nose Bar is designed for the hardest hardwood forests, harsh cutting conditions, and harsh cutting accessories. It is made of high-quality alloy steel and precision gas-welded high-cobalt-chromium alloy hard-faced materials, with excellent top performance. This high-quality, strong nose bridge can withstand the harshest wear conditions. Its strong heat resistance and abrasion resistance ensure that the service life is 20% longer than previous products, ensuring customer satisfaction.

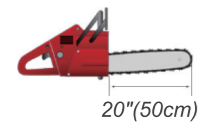
Model No.	Pitch	Gauge	Drive Link Counts	E&S New Model No.
ZENOAH 5200 4500				
PO12	3/8"LP	.050"	44-45E	KF12045HBH
PO14	3/8"LP	.050"	52-53E	KF14052HBH
PO14	.325"	.063"	60E	KF14360HDH
PO16	.325"	.063"	66E	KF16366HDH
PO16	3/8"LP	.063"	56-57E	KF16356HBH
PO18	3/8"LP	.063"	64E	KF18364HCH
PO18	.325"	.063"	72E	KF18372HDH
PO18	3/8"	.063"	68E	KF18368HCH
PO18	.325"	.063"	76E	KF18376HDH
PO20	3/8"	.063"	72E	KF20372HCH
PO20	.325"	.063"	84E	KF20384HDH
PO22	.325"	.063"	86E	KF22386HDH
PO22	3/8"	.063"	76E	KF22376HCH
PO24	3/8"	.063"	84E	KF24384HCH
STIHL 381,380,390				
SN14	3/8"LP	.050"	54E	DF14054HBH
SN14	.325"	.050"	60E	DF14060HDH
SN15				
SN16	3/8"	.063"	60E	DF16360HCH
SN16	.325"	.063"	67E	DF16367HDH
SN18	3/8"	.063"	66E	DF18366HCH
SN18	.325"	.063"	74E	DF18374HDH
SN20	3/8"	.063"	72E	DF20372HCH
SN20	.325"	.063"	81E	DF20381HDH
SN25	3/8"	.063"	84E	DF25384HCH
SN30	3/8"	.063"	96-97E	DF30398HCH
SN30	.404"	.063"	92E	DF30392HEH
STIHL 070,090				
SLD28				
SLD33	3/8"	.063"	107E	EZ333107HCH
SLD33	.404"	.063"	100E	EZ333100HEH
SLD36	3/8"	.063"	114E	EZ363114HCH
SLD36	.404"	.063"	104E	EZ363104HEH
STIHL 580,250,180				
SW12	.325"	.050"	50E	AS12050HDH
SW12	3/8"LP	.050"	44E	AS12044HBH
SW14	3/8"LP	.050"	50E	AS14050HBH
SW16	3/8"LP	.050"	55E	AS16055HBH
SW16	.325"	.063"	62E	AS16362HDH
SW18	.325"	.063"	68E	AS18368HDH
HUSQVARNA 365,395				
HV16	3/8"	.058"	60E	DZ16860HCH
HV18	3/8"	.058"	68E	DZ18868HCH
HV20	3/8"	.058"	72E	DZ20872HCH
HV24	3/8"	.058"	84E	DZ24884HCH
HV28	3/8"	.063"	93E	DZ28393HCH
HV30	3/8"	.063"	98E	DZ30398HCH
HV33	3/8"	.063"	108-109E	DZ333109HCH
HV36	3/8"	.063"	115-116E	DZ363115HCH
CARVING GUIDE BAR				
AT10		.050"		AF10038HBC
AT12		.050"		AF12047HBC
AT14		.050"		AF14047HBC

Description:

The solid bar nose is made of special alloy steel, which has high strength and long service life and is not affected by dirty and high resistance working environment.

Details:

- ✓ Pitch: 3/8" Gauge: .050" Length: 20"
- ✓ Suitable for 65 cc and larger gasoline saws used by professional users.
- ✓ Suitable for 3/8" 72 series chains.
- ✓ Ultra-high-strength alloy is laser welded to the machine head to extend the life of the bar.
- ✓ The tried-and-tested oil retention function prevents oil from flowing out of the bar end, allowing more oil to remain on the bar and chain.

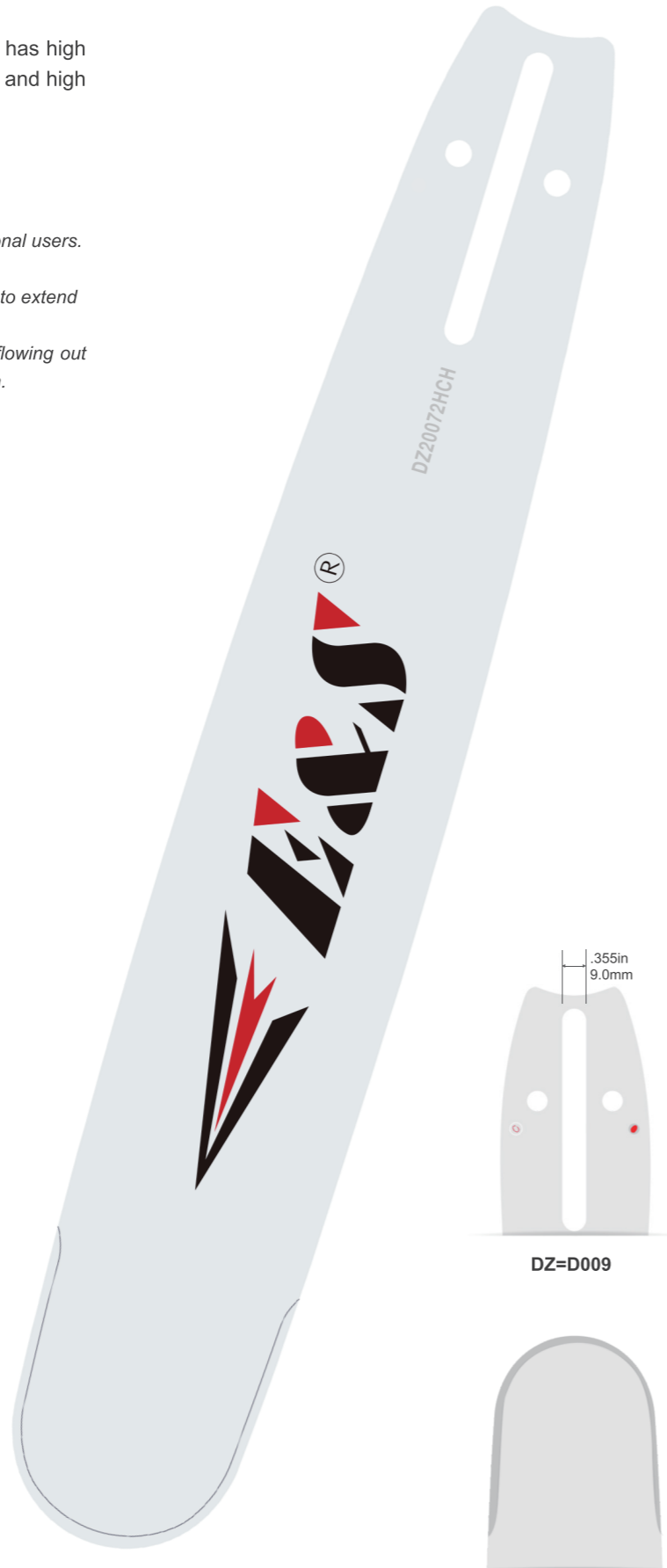


DZ20072HCH

HARD NOSE GUIDE BAR



Recommend saw size 65cc and larger



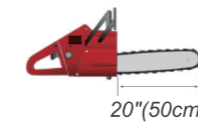
DZ=D009

Description:

The solid bar nose is made of special alloy steel, which has high strength and long service life and is not affected by dirty and high resistance working environment.

Details:

- ✓ Pitch: 3/8" Gauge: .063" Length: 20"
- ✓ Suitable for 65 cc and larger gasoline saws used by professional users.
- ✓ Suitable for 3/8" 75 series chains.
- ✓ Ultra-high-strength alloy is laser welded to the machine head to extend the life of the bar.
- ✓ The tried-and-tested oil retention function prevents oil from flowing out of the bar end, allowing more oil to remain on the bar and chain.

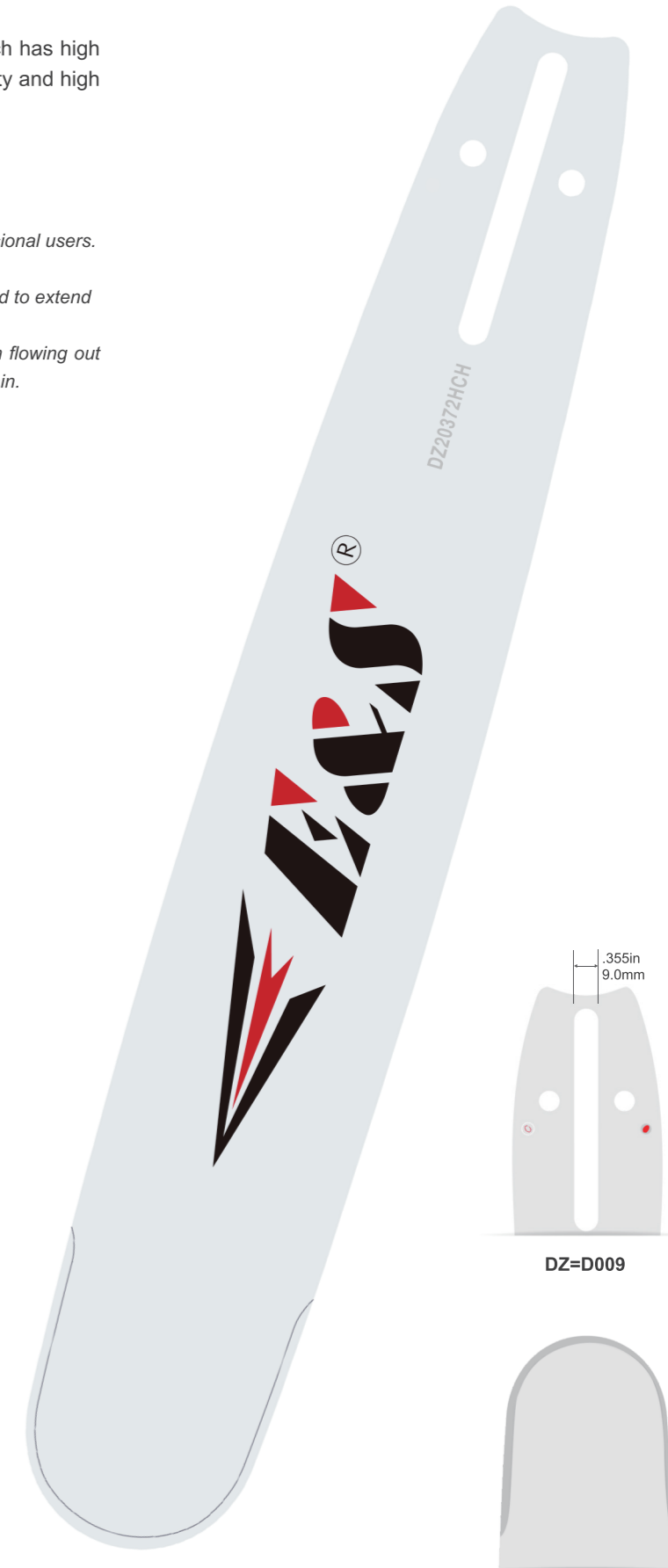


DZ20372HCH

HARD NOSE GUIDE BAR



Recommend saw size 65cc and larger



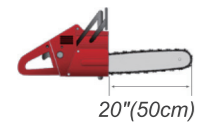
DZ=D009

Description:

The solid bar nose is made of special alloy steel, which has high strength and long service life and is not affected by dirty and high resistance working environment.

Details:

- ✓ Pitch: 3/8" Gauge: .058" Length: 20"
- ✓ Suitable for 65 cc and larger gasoline saws used by professional users.
- ✓ Suitable for 3/8" 72 series chains.
- ✓ Ultra-high-strength alloy is laser welded to the machine head to extend the life of the bar.
- ✓ The tried-and-tested oil retention function prevents oil from flowing out of the bar end, allowing more oil to remain on the bar and chain.

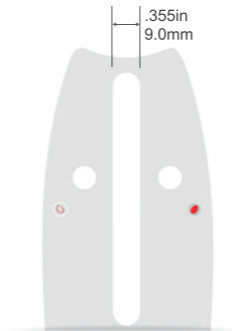
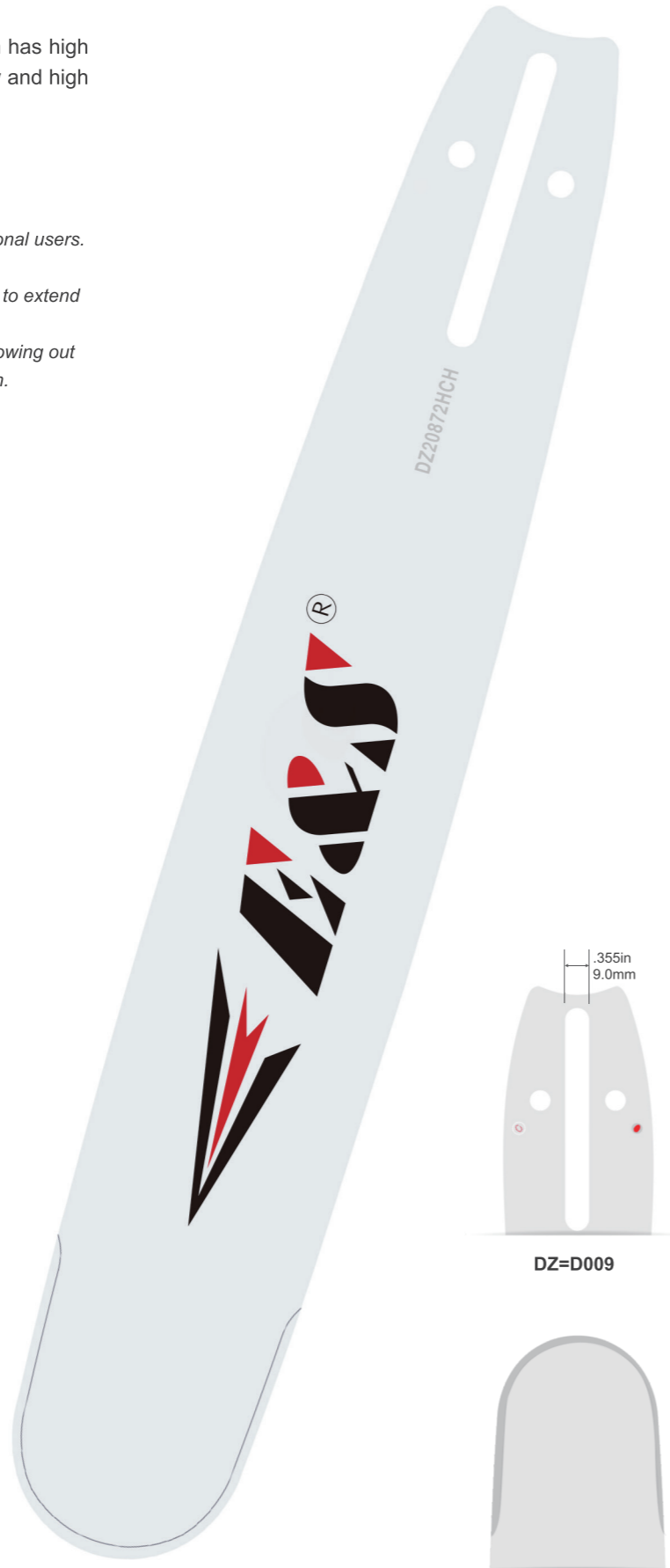


DZ20872HCH

HARD NOSE GUIDE BAR



Recommend saw size 65cc and larger



DZ=D009

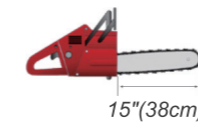


Description:

The solid bar nose is made of special alloy steel, which has high strength and long service life and is not affected by dirty and high resistance working environment.

Details:

- ✓ Pitch: 3/8" Gauge: .063" Length: 15"
- ✓ Suitable for 65 cc and larger gasoline saws used by professional users.
- ✓ Suitable for 3/8" 75 series chains.
- ✓ Ultra-high-strength alloy is laser welded to the machine head to extend the life of the bar.
- ✓ The tried-and-tested oil retention function prevents oil from flowing out of the bar end, allowing more oil to remain on the bar and chain.

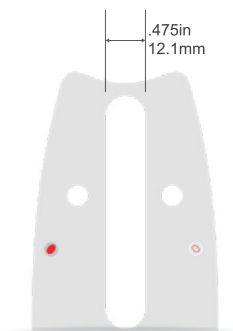
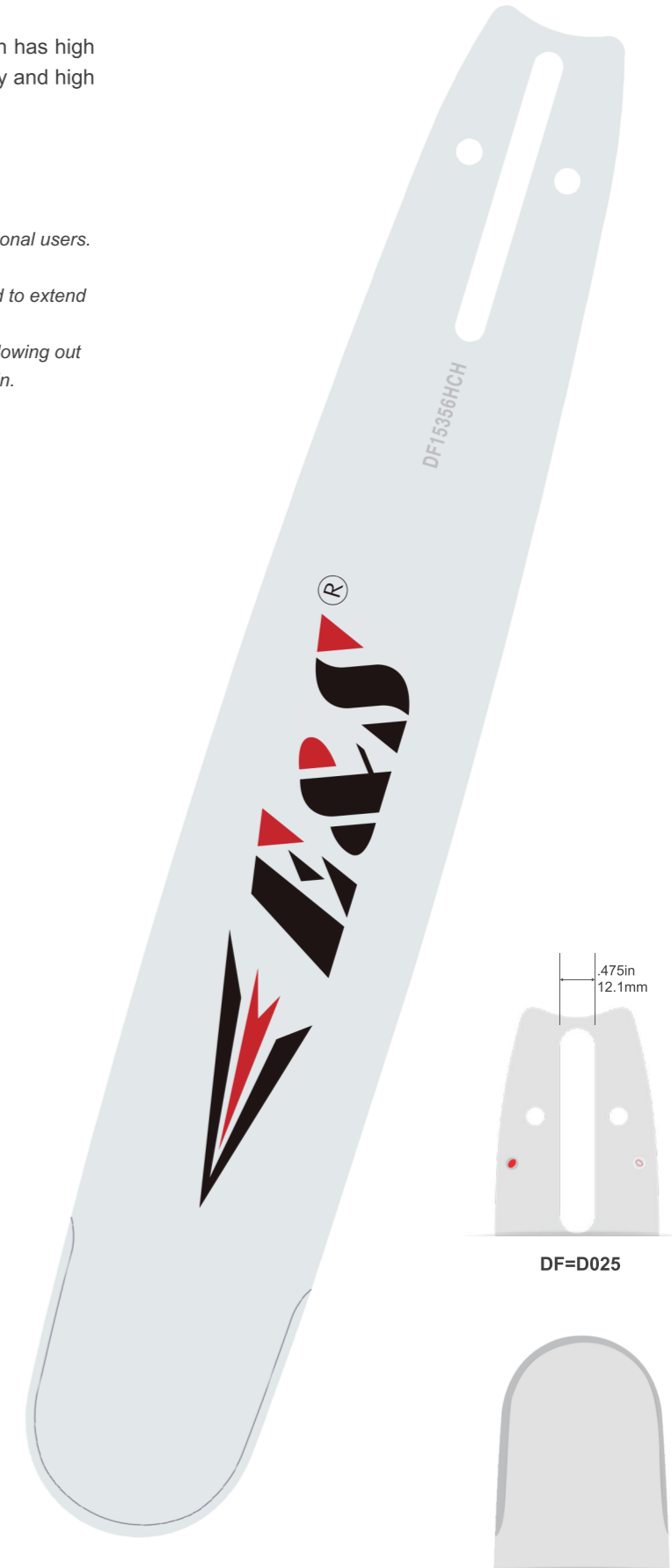


DF15356HCH

HARD NOSE GUIDE BAR



Recommend saw size 65cc and larger



DF=D025

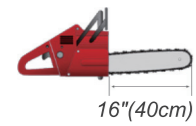


Description:

The solid bar nose is made of special alloy steel, which has high strength and long service life and is not affected by dirty and high resistance working environment.

Details:

- ✓ Pitch: 3/8" Gauge: .050" Length: 16"
- ✓ Suitable for 65 cc and larger gasoline saws used by professional users.
- ✓ Suitable for 3/8" 72 series chains.
- ✓ Ultra-high-strength alloy is laser welded to the machine head to extend the life of the bar.
- ✓ The tried-and-tested oil retention function prevents oil from flowing out of the bar end, allowing more oil to remain on the bar and chain.



DF16060HCH

HARD NOSE GUIDE BAR



Recommend saw size 65cc and larger

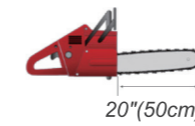


Description:

The solid bar nose is made of special alloy steel, which has high strength and long service life and is not affected by dirty and high resistance working environment.

Details:

- ✓ Pitch: 3/8" Gauge: .050" Length: 20"
- ✓ Suitable for 65 cc and larger gasoline saws used by professional users.
- ✓ Suitable for 3/8" 72 series chains.
- ✓ Ultra-high-strength alloy is laser welded to the machine head to extend the life of the bar.
- ✓ The tried-and-tested oil retention function prevents oil from flowing out of the bar end, allowing more oil to remain on the bar and chain.



KN20072HCH

HARD NOSE GUIDE BAR



Recommend saw size 65cc and larger

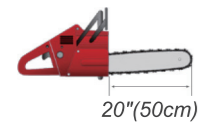


Description:

The solid bar nose is made of special alloy steel, which has high strength and long service life and is not affected by dirty and high resistance working environment.

Details:

- ✓ Pitch: 3/8" Gauge: .058" Length: 20"
- ✓ Suitable for 65 cc and larger gasoline saws used by professional users.
- ✓ Suitable for 3/8" 73 series chains.
- ✓ Ultra-high-strength alloy is laser welded to the machine head to extend the life of the bar.
- ✓ The tried-and-tested oil retention function prevents oil from flowing out of the bar end, allowing more oil to remain on the bar and chain.

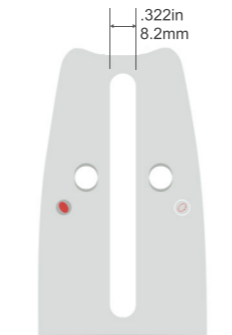


KN20872HCH

HARD NOSE GUIDE BAR



Recommend saw size 65cc and larger



KN=K095

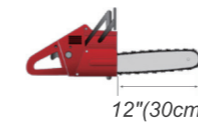


Description:

This lightweight, easy maneuver bar has a slim body design, small nose radius, it is the top choice of professional sculptors for ultra-precision wood molding and carving.

Details:

- ✓ Pitch: 1/4" Gauge: .050" Length: 12" Nose: Quarter tip
- ✓ Suitable for gasoline saws from 38 cc to 65 cc.
- ✓ Applicable to 41 series of 1/4" chain.
- ✓ Made of high-quality alloy steel, precision gas welding with high cobalt.
- ✓ Chrome-alloy surface hardening material provides excellent head performance and long service life.

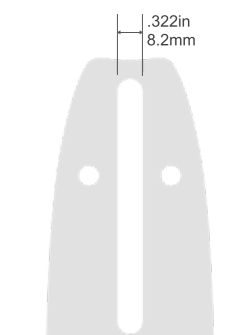


AF12067HAV

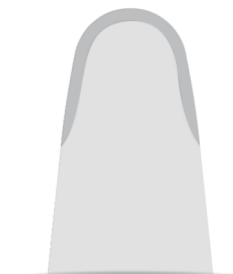
CARVING GUIDE BAR



Recommend saw size 38CC to 65CC



AF=A041

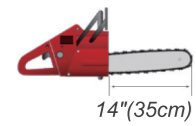


Description:

This lightweight, easy maneuver bar has a slim body design, small nose radius, it is the top choice of professional sculptors for ultra-precision wood molding and carving.

Details:

- ✓ Pitch: 1/4" Gauge: .050" Length: 14" Nose: Dime tip
- ✓ Suitable for gasoline saws from 38 cc to 65 cc.
- ✓ Applicable to 41 series of 1/4" chain.
- ✓ Made of high-quality alloy steel, precision gas welding with high cobalt.
- ✓ Chrome-alloy surface hardening material provides excellent head performance and long service life.

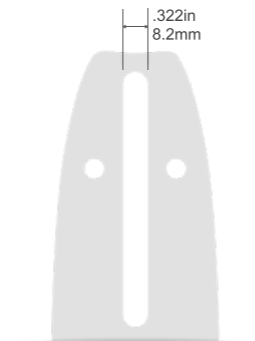


AF14075HAV

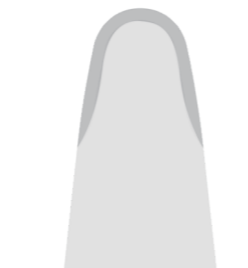
CARVING GUIDE BAR



Recommend saw size 38CC to 65CC



AF=A041

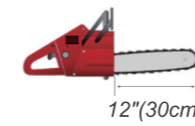


Description:

This lightweight, easy maneuver bar has a slim body design, small nose radius, it is the top choice of professional sculptors for ultra-precision wood molding and carving.

Details:

- ✓ Pitch: 1/4" Gauge: .050" Length: 12" Nose: Quarter tip
- ✓ Suitable for gasoline saws from 38 cc to 65 cc.
- ✓ Applicable to 41 series of 1/4" chain.
- ✓ Made of high-quality alloy steel, precision gas welding with high cobalt.
- ✓ Chrome-alloy surface hardening material provides excellent head performance and long service life.

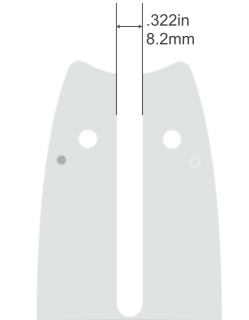


AS12067HAV

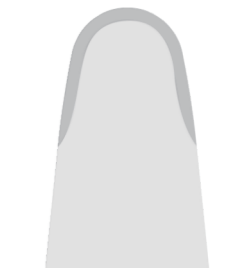
CARVING GUIDE BAR



Recommend saw size 38CC to 65CC



AS=A074

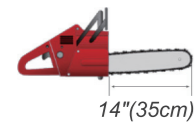


Description:

This lightweight, easy maneuver bar has a slim body design, small nose radius, it is the top choice of professional sculptors for ultra-precision wood molding and carving.

Details:

- ✓ Pitch: 1/4" Gauge: .050" Length: 14" Nose: Dime tip
- ✓ Suitable for gasoline saws from 38 cc to 65 cc.
- ✓ Applicable to 41 series of 1/4" chain.
- ✓ Made of high-quality alloy steel, precision gas welding with high cobalt.
- ✓ Chrome-alloy surface hardening material provides excellent head performance and long service life



AS14075HAV

CARVING GUIDE BAR



Recommend saw size 38CC to 65CC



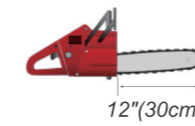
AS=A074

Description:

This lightweight, easy maneuver bar has a slim body design, small nose radius, it is the top choice of professional sculptors for ultra-precision wood molding and carving.

Details:

- ✓ Pitch: 1/4" Gauge: .050" Length: 12" Nose: Quarter tip
- ✓ Suitable for gasoline saws from 38 cc to 65 cc.
- ✓ Applicable to 41 series of 1/4" chain.
- ✓ Made of high-quality alloy steel, precision gas welding with high cobalt.
- ✓ Chrome-alloy surface hardening material provides excellent head performance and long service life.



AN12067HAV

CARVING GUIDE BAR



Recommend saw size 38CC to 65CC



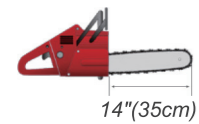
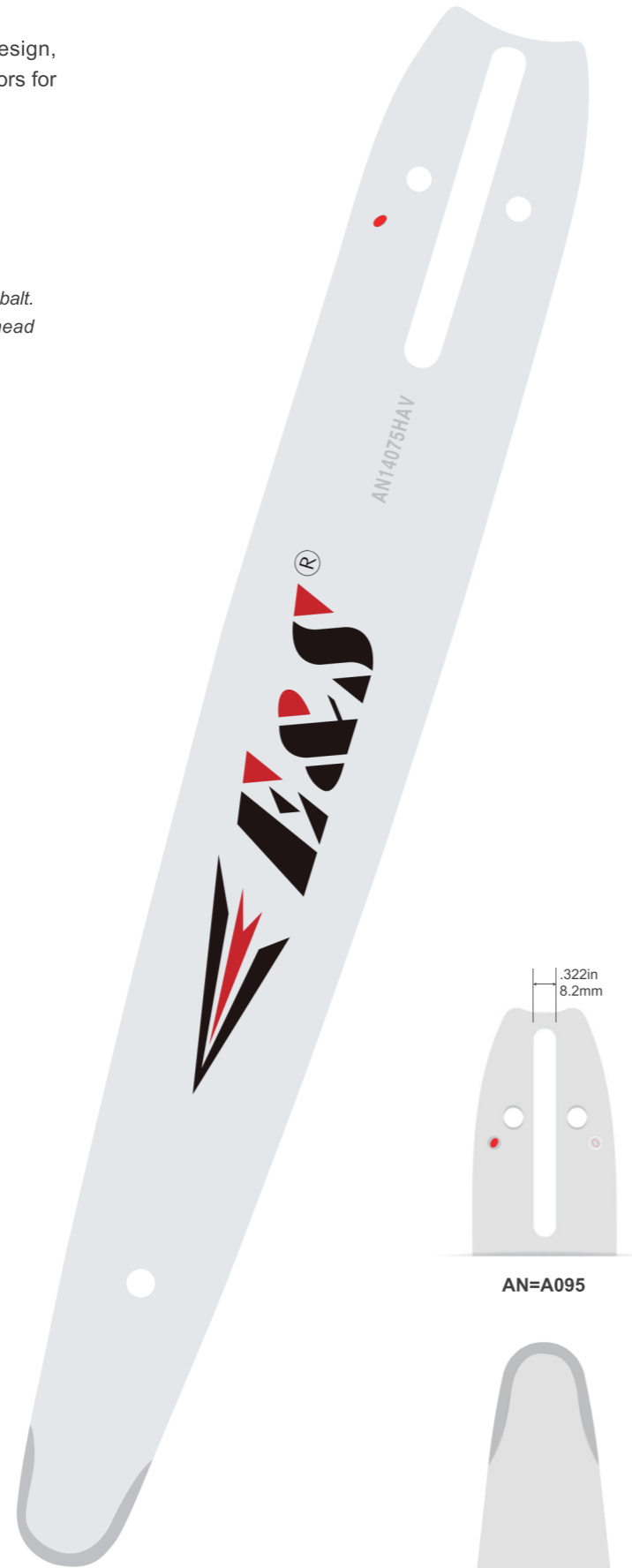
AN=A095

Description:

This lightweight, easy maneuver bar has a slim body design, small nose radius, it is the top choice of professional sculptors for ultra-precision wood molding and carving.

Details:

- ✓ Pitch: 1/4" Gauge: .050" Length: 14" Nose: Dime tip
- ✓ Suitable for gasoline saws from 38 cc to 65 cc.
- ✓ Applicable to 41 series of 1/4" chain.
- ✓ Made of high-quality alloy steel, precision gas welding with high cobalt.
- ✓ Chrome-alloy surface hardening material provides excellent head performance and long service life.

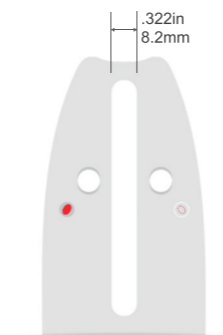


AN14075HAV

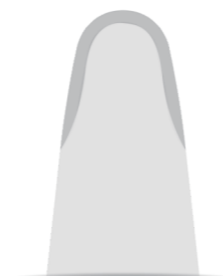
CARVING GUIDE BAR



Recommend saw size 38CC to 65CC



AN=A095

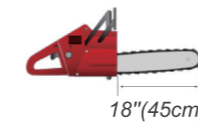


Description:

This special light-weight RSN bar are manufactured and assembled using advanced technology machines and heat salt heat treatment to provide high standard of durability, strength, finish and accuracy.

Details:

- ✓ Pitch: 3/8" Gauge: .063" Length: 18"
- ✓ Suitable for high speed chainsaw 38cc to 65cc.
- ✓ Suitable for 3/8" 75 series chains.
- ✓ The sprocket nose can be replaced.
- ✓ The special oval area with hard resin can reduce the weight.
- ✓ They incorporate uniform groove gauge tolerances for precise chain fit and improved cutting stability over the bar nose.
- ✓ The proven oil retention function prevents oil from flowing out from the tail of the bar, leaving more oil on the bar and chain.

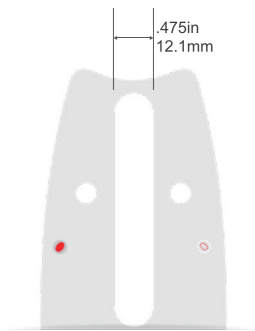
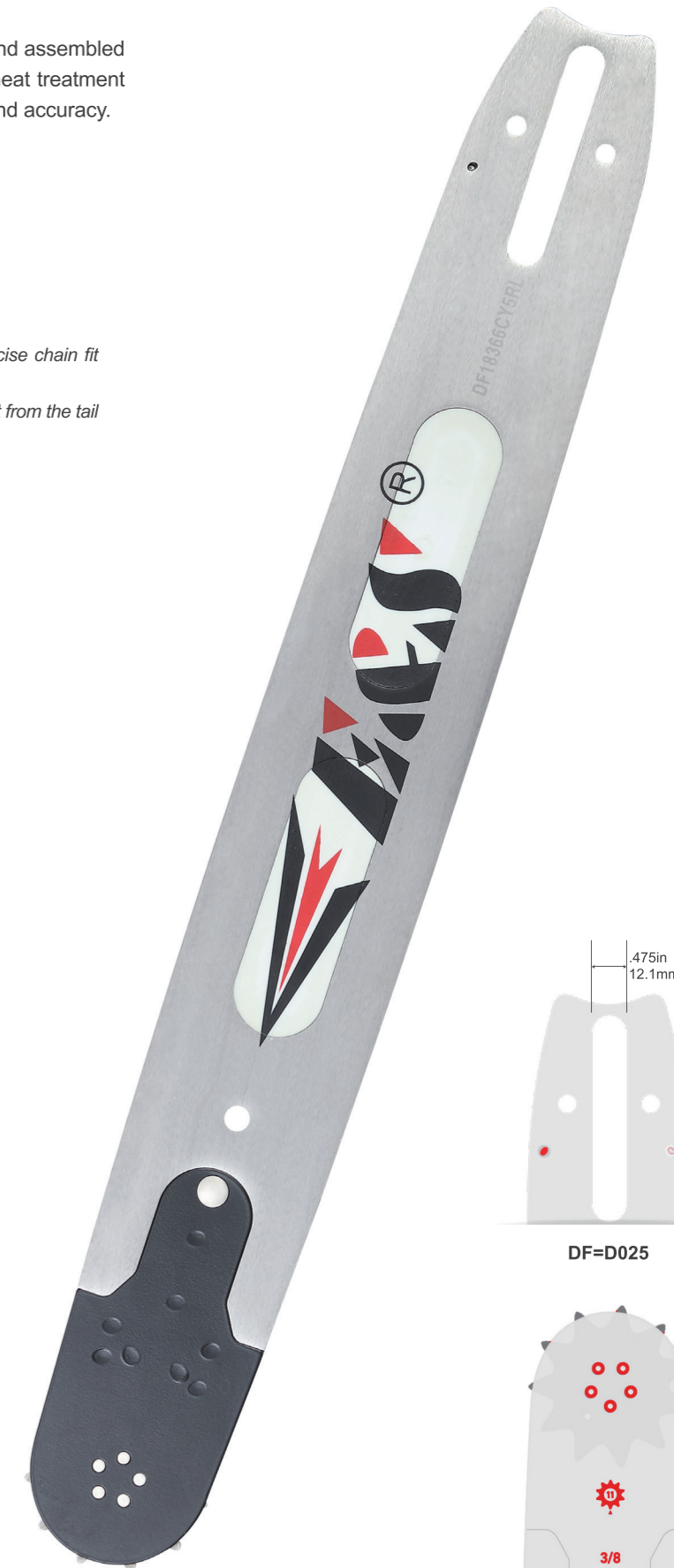


DF18366CY5RL

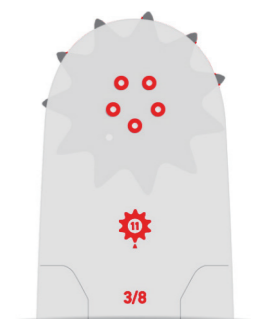
RSN LIGHT-WEIGHT GUIDE BAR



Recommend saw size 62cc and larger



DF=D025

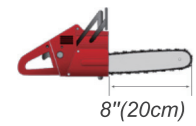


Description:

This lightweight, easy maneuver bar has a slim body design, small nose radius with high hardness alloy, it is the top choice of professional sculptors for ultra precision wood molding and carving.

Details:

- ✓ Pitch: 1/4" Gauge: .050" Length: 8"
- ✓ Suitable for gasoline saws from 38 cc to 65 cc.
- ✓ Applicable to 41 series of 1/4" chain.
- ✓ Made of high-quality alloy steel, precision gas welding with high cobalt.
- ✓ The special oval area with hard resin can reduce the weight.
- ✓ Chrome-alloy surface hardening material provides excellent head performance and long service life.



AF08052HAVL

LIGHT-WEIGHT CARVING BAR



Recommend saw size 38CC to 65CC

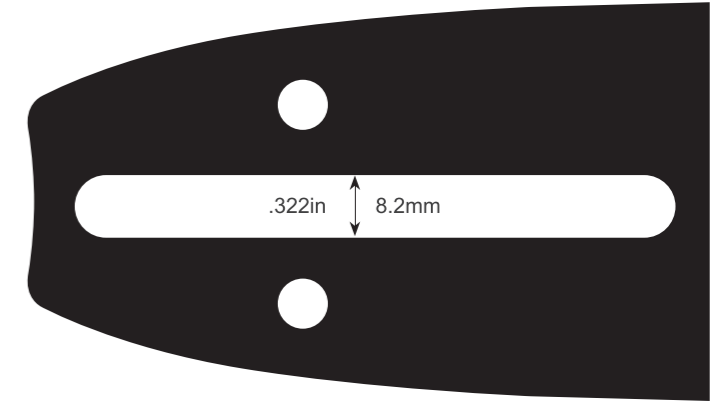


Bar Mount

AF/A041 (1:1)

OEM Applications

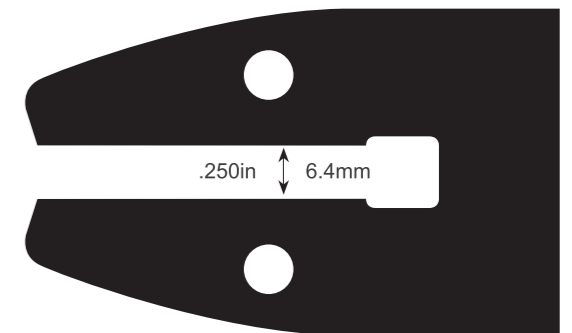
Craftsman, Cub Cadet, Dolmar, Homelite, Husqvarna, John Deere, Jonsered, Makita, McCulloch, Poulan/Poulan Pro, Redmax, Sears, Shindaiwa, Skil, Snapper, Tanaka, Toro, and others.



AX/A061 (1:1)

OEM Applications

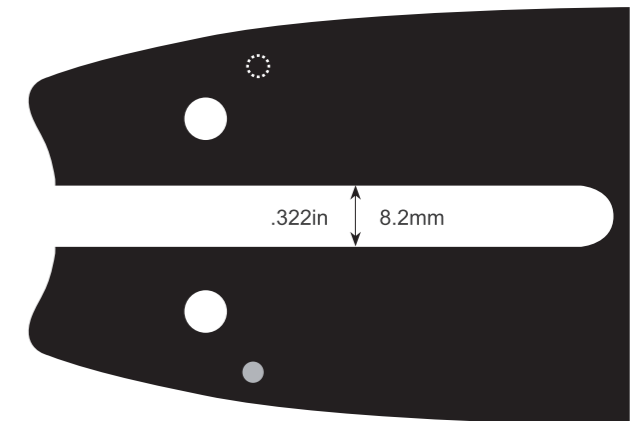
Homelite



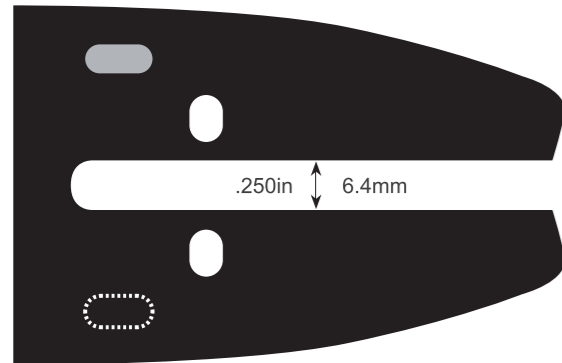
AS/A074 (1:1)

OEM Applications

Stihl, Olympyk (Oleo-Mac)



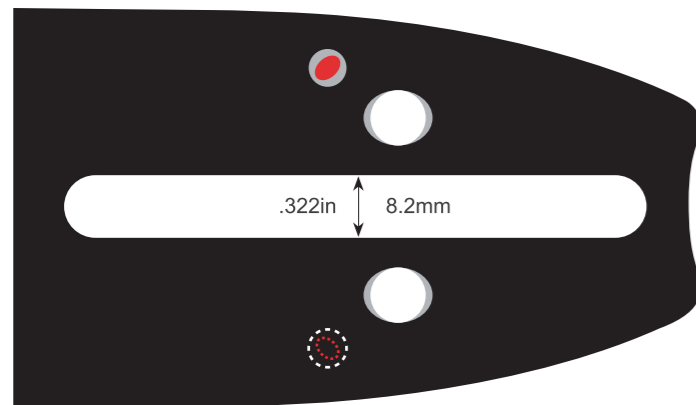
Bar Mount



AJ/A089 (1:1)

OEM Applications

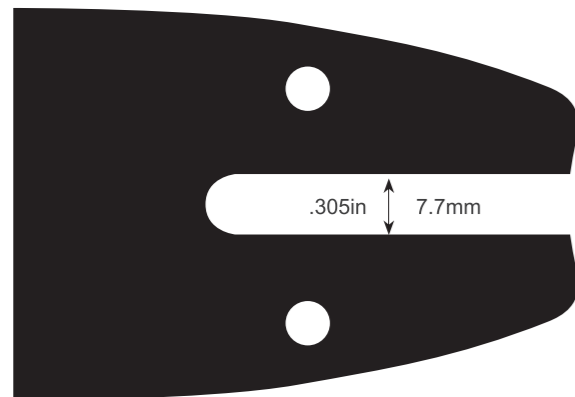
Remington



AN/A095 (1:1)

OEM Applications

Cub Cadet, Dolmar, Homelite, Husqvarna, John Deere, Jonsered, Makita, Maruyama pole saws, McCulloch, Olympyk(Oleo-Mac) Partner, Pioneer, Poulan/Poulan Pro, Redmax, Sears, Solo, Stanley, and others



AY/A108 (1:1)

OEM Applications

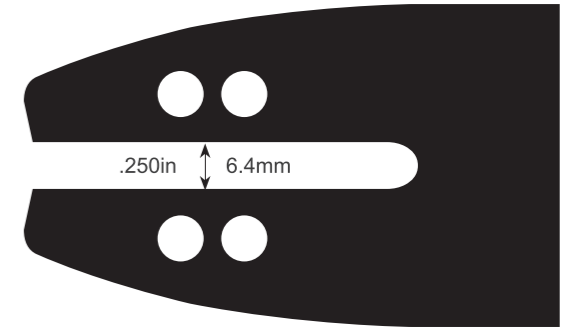
Unitec and Cob Industry Hydraulic saws

Bar Mount

AE/A218 (1:1)

OEM Applications

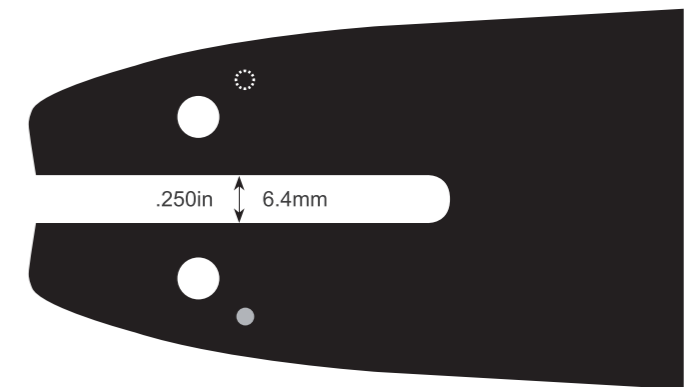
Black+Decker, Maruyama pole saws, Power Pruner/Echo Power Pruner, Redmaxpole saws



AB/A318 (1:1)

OEM Applications

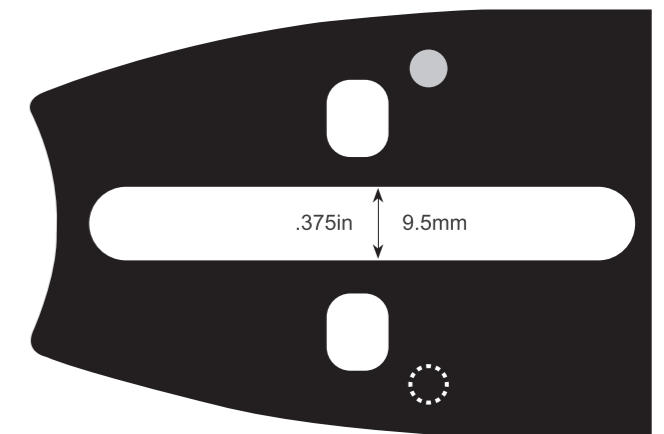
McCulloch, Remington



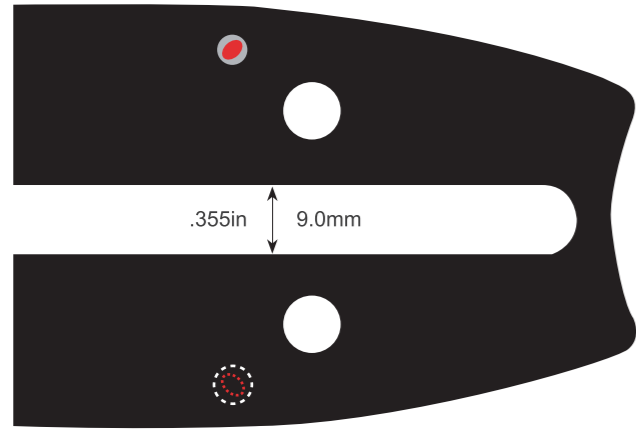
DQ/D007 (1:1)

OEM Applications

Pioneer, Poulan/Poulan Pro



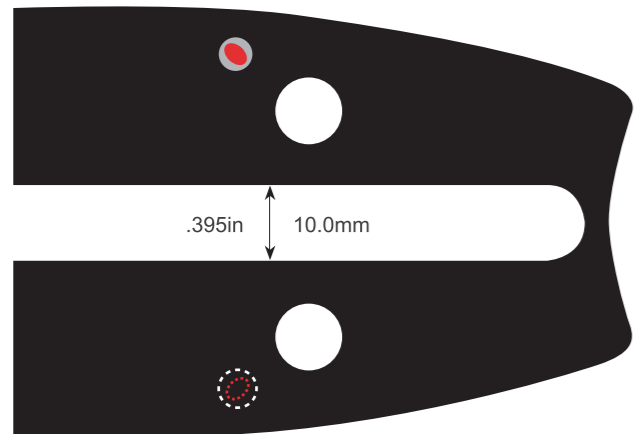
Bar Mount



DZ/D009 (1:1)

OEM Applications

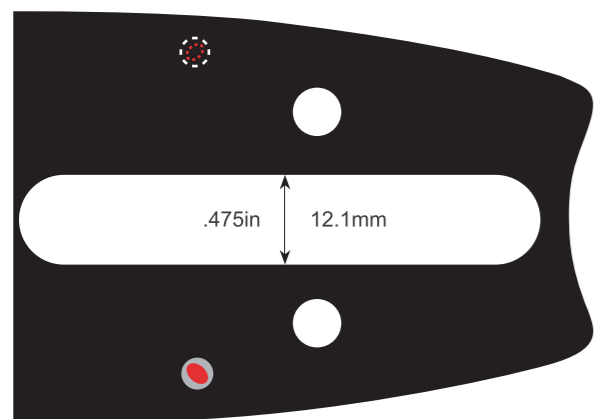
Dolmar, Husqvarna, Jonsered, Makita, Partner, Shindaiwa, Solo



DT/D024 (1:1)

OEM Applications

Jonsered, Olympyk (Oleo-Mac)



DF/D025 (1:1)

OEM Applications

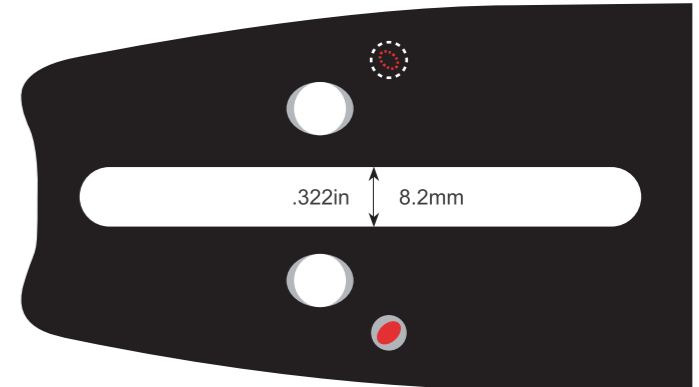
Stihl

Bar Mount

KN/K095 (1:1)

OEM Applications

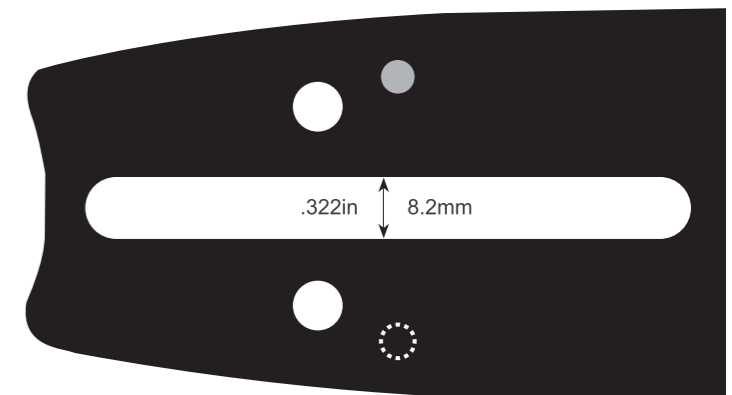
Cub Cadet, Dolmar, Homelite, Husqvarna, John Deere, Jonsered, Makita, Maruyama pole saws, McCulloch, Olympyk (Oleo-Mac), Partner, Pioneer, Poulan/Poulan Pro, Redmax, Sears, Solo, Stanley, and others



KE/K216 (1:1)

OEM Applications

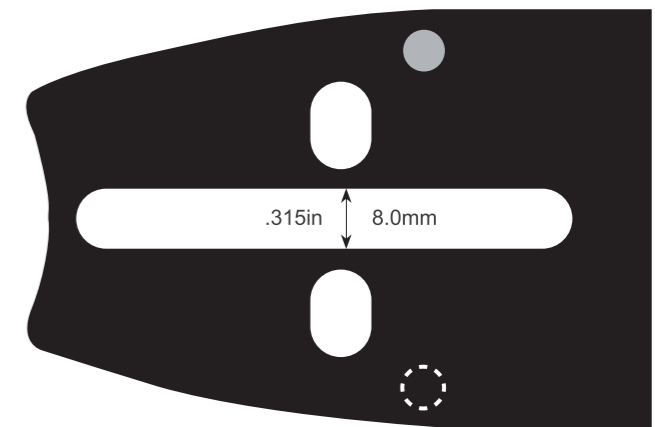
Echo



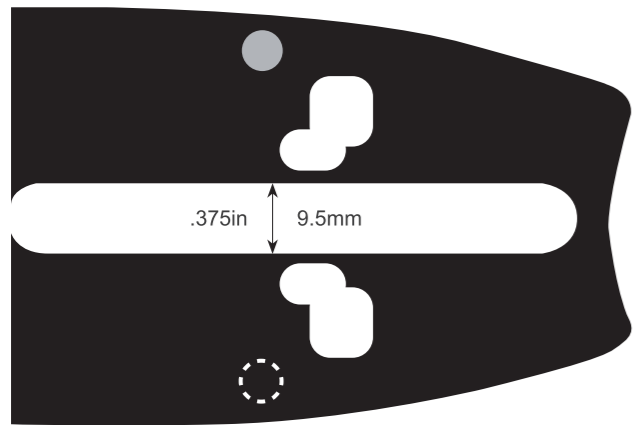
DS/D176 (1:1)

OEM Applications

Echo, Fairmont, John Deere, McCulloch, Poulan/Poulan Pro, Redmax, Sears, Skil, Tanaka



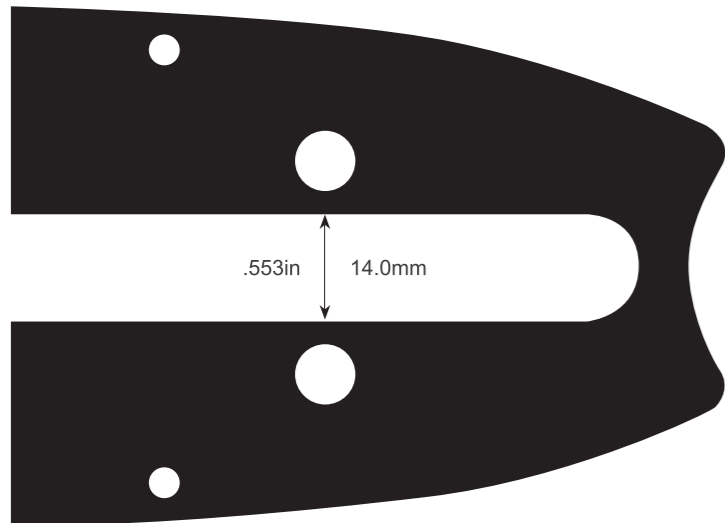
Bar Mount



DN/D196 (1:1)

OEM Applications

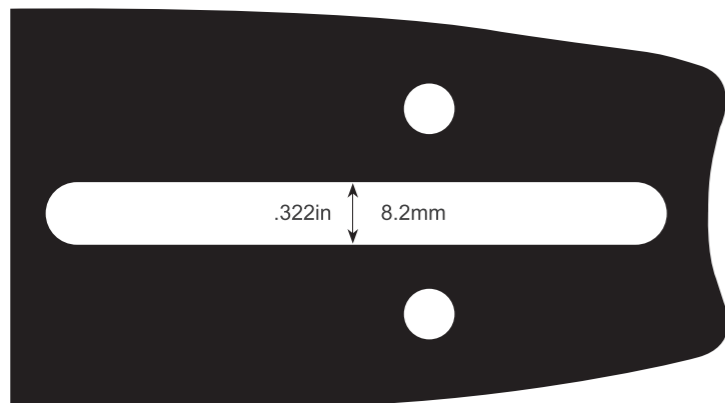
Echo, Homelite, John Deere, Jonsered, Olympyk (Oleo-Mac), Poulan/Poulan Pro, Remington, Stanley



EL/E031 (1:1)

OEM Applications

Stihl



KF/K041 (1:1)

OEM Applications

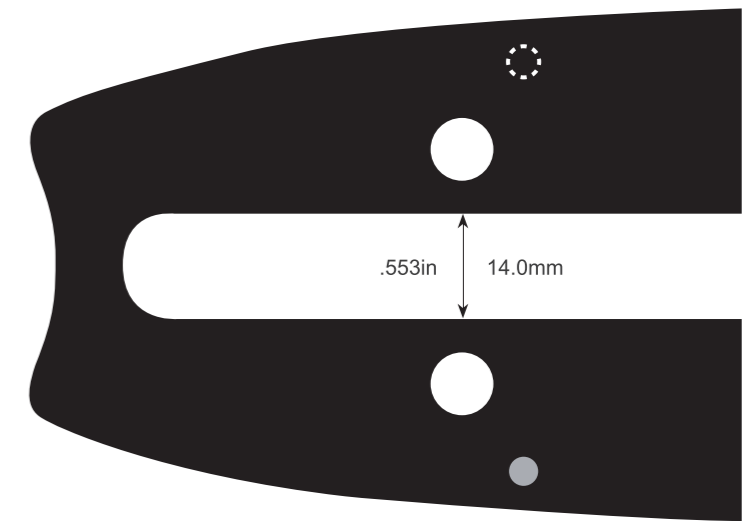
Craftsman, Cub Cadet, Dolmar, Homelite, Husqvarna, John Deere, Jonsered, Makita, McCulloch, Poulan/Poulan Pro, Redmax, Sears, Shindaiwa, Skil, Snapper, Tanaka, Toro, and others.

Bar Mount

DL/D033 (1:1)

OEM Applications

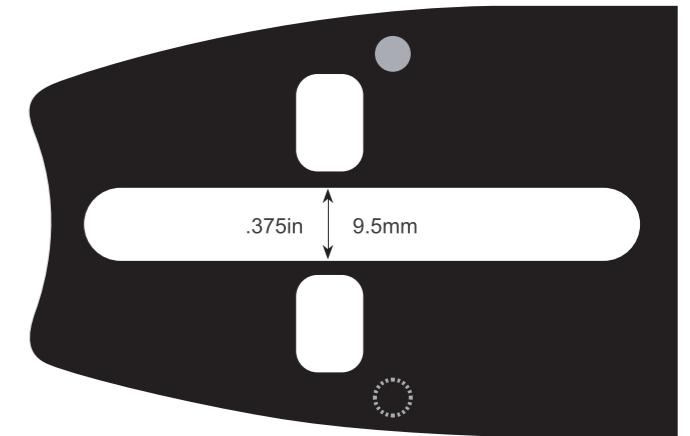
Dolmar



DJ/D096 (1:1)











OEM Applications











Echo, Homelite, John Deere, Jonsered, Olympyk (Oleo-Mac), Poulan/Poulan Pro, Remington




















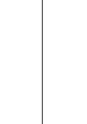


E&S SAW CHAIN AND GUIDE BAR APPLICATION









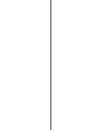













									
	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3
ACTIVE®									
MT39	10	1/4	.050	58E					AF10058AS1L
	12	3/8LP	.050	45E				AF12045BJ4L	AF12045BQ1L
	14			52E				AF14052BJ4L	AF14052BQ1L
MT40	10	1/4	.050	58E					AF10058AS1L
	12	3/8LP	.050	45E				AF12045BJ4L	AF12045BQ1L
	14			52E				AF14052BJ4L	AF14052BQ1L
MT51,MT56,MT62	16	.325	.058	66E	KN16866DE4L		KN16866DE5R		
	18			72E	KN18872DE4L		KN18872DE5R		
	18	3/8	.058	64E	KN18864CY4L				
AC620031,AC620033	8	1/4	.050	48E					AE08048AS1L
	10	3/8LP	.050	40E					AE10040BQ1L
	12	3/8LP	.050	45E					AE12045BQ1L
AEG®									
KES35,KS30,KS35,KS40	12	3/8LP	.050	45E				AF12045BJ4L	AF12045BQ1L
	14			52E				AF14052BJ4L	AF14052BQ1L
	16			57E				AF16057BJ4L	AF16057BQ1L
KES36	13	.325	.063	56E	DF13356DE6L				
	15			62E	DF15362DE6L				
	16			67E	DF16367DE6L	DF16367HDH	DF16367DE5R		
	18			74E	DF18374DE6L	DF18374HDH	DF18374DE5R		
	20			81E	DF20381DE6L	DF20381HDH			
	13	3/8	.063	52E					
	15			56E	DF15356CY6L		DF15356CY5R		
	16			60E	DF16360CY6L	DF16360HCH	DF16360CY5R		
	18			66E	DF18366CY6L	DF18366HCH	DF18366CY5R		
20			72E	DF20372CY6L		DF20372CY5R			
ALKO									
E1200,1400E,1500E,2000,2300, E125,25A,KS,KS35,KE4000, KE3500 VARIO	12	3/8LP	.050	45E				AF12045BJ4L	AF12045BQ1L
	14	3/8LP	.050	52E				AF14052BJ4L	AF14052BQ1L
	16	3/8LP	.050	57E				AF16057BJ4L	AF16057BQ1L
KB3500,KB4000, KB4500,BKS38-35	12	3/8LP	.050	44E					AE12044BQ1L
	14	3/8LP	.050	49E					AE14049BQ1L
	16	3/8LP	.050	55E					AE16055BQ1L
140,240,KB5000	12	.325	.050	55E					
	14			64E					
	14	.325	.050	57E					
	16			65E					
	16	.325	.050	66E	KN16066DE4L				
	18	.325	.050	72E	KN18072DE4L				

									
	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3
1074,P21,P26,P28	14	.325	.050	60E					
	16			69E					
3400	16	3/8	.050	59E					
	16			60E	DS16060CS4L				
	18	3/8	.050	64E	DS18064CS4L				
	18			66E					
	20			69E					
	20	3/8	.050	70E	DS20070CS4L				
251,261,460,480,FARMERSAW	16	3/8	.058	60E					
	18			64E					DS18864CY5L
	18			66E					
	20			72E					
170	15	3/8	.058	56E					
	18			64E					
	20			70E					
KE40	12	3/8LP	.050	45E					
	14			50E					
	16			56E					
ALPINA®									
330,380,EURO40, 432,438,RURO45,P34,PR350	12	3/8LP	.050	44E					
	14			50E					
	16			56E					
	18			60E					
ELECTRIC,E120,E130,ES182, ES202,E150,KS1400B,KS1500B, A-10E,A-14E,352,382	12	3/8LP	.050	44E				AF12044BJ4L	AF12044BQ1L
	14			52E				AF14052BJ4L	AF14052BQ1L
	16			57E				AF16057BJ4L	AF16057BQ1L
Elettra160,Elettra170,270,280, Energy1.6,Energy1.8,Sinergy35, Sinergy40.	12	3/8LP	.050	44E				AS12044BJ4L	AS12044BQ1L
	14			50E				AS14050BJ4L	AS14050BQ1L
	16			55E				AS16055BJ4L	AS16055BQ1L
P360,P370,P390,P391Q,P361	14	3/8LP	.050	50E				AS14050BJ4L	AS14050BJ1L
	16			56E				AS16056BJ4L	AS16056BJ1L
PROF-41,PROF-45,P400,P450, P500,P460,P510,PRO540, PRO600,A40,A40E, PROF41,PROF45	12	.325	.050	55E					
	14			61E					
	16			65E					
	18			72E	KN18072DE4L		KN18072DE5R		
PROF-700,PROF800, P.700,P750,P.800,P660,P680	18	3/8	.058	68E	DZ18868CY5L	DZ18868HCH	DZ18868CY5R		
	20			72E	DZ20872CY5L	DZ20872HCH	DZ20872CY5R		
	22	3/8	.063	75E		DZ22375HCH			
	24			84E		DZ24384HCH			
	24	.404	.063	76E		DZ24376HEH			

									
	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3
PROF-41, PROF-45, P400, P450, P500, P460, P510, PRO540, PRO600, A40, A40E, PROF41, PROF45, P522	13	.325	.058	56E	KN13856DS4L				
	14			61E					
	16			66E	KN16866DS4L				
	18			72E	KN18872DS4L		KN18872DE5R		
	20			78E	KN20878DS4L				
	12	.325	.050	55E					
	14			61E					
	16			65E					
	18			72E	KN18072DE4L				
	18	3/8	.050	68E	KN18068CS4L		KN18068CS5R		
PRO55, PRO56, PROF65, PROF66, 600, 600i, P650	18	3/8	.058	68E	KN18868CY4L	KN18868HCH	KN18868CY5R		
	20			72E	KN20872CY4L	KN20872HCH	KN20872CY5R		
0-70, 0-70 TENDIMATIC, 0-70SPECIAL, PROF-70	15	3/8	.063	55E					
	18			65E			DE18365CY5R		
	20			69E					
0-90, PROF-90, PROF-120	21	.404	.063	71E					
	25			82E					
	30			94E					
	36			107E					
BLACK & DECKER®									
ALLIGATOR LP 1000	6	1/4	.050	40E					
	10			42E					
PP2018, CSC818, LH1600, GKC1817	8	3/8LP	.043	34E					
	16	3/8LP	.050	56E					
CS30, CS35, DN400, DN401, DN402, DN404, D N412, DN416, GK425, GK330, GK310, GK1935, GK320, GK321, GK322, GK35, GK330, GK430, G K435, GK440, GK535, GK540, GK1440, GK1630, GK1635, GK1640, GK1940	10	3/8LP	.050	40E					AE10040BQ1L
	12			44E					AE12044BQ1L
	14			49E					AE14049BQ1L
	16			55E					AE16055BQ1L
DN301, DN302	10	3/8LP	.050	39E					
	12			45E					
BONUS									
KBS35	14	3/8LP	.050	49E					AS14049BQ1L
KSE2000S	16			55E					AS16055BQ1L
BOSCH									
AKE30/17S, AKE35/175, AKE30185, AKE40S, AKE40/17s, A KE35, AKE30S, AKE36S, AKE30-19S, 35-19S, 40-19S, AKE40-19S, 40-19PRO, AKE-35-18S	12	3/8LP	.043	45E					AF12445BQ1L
	14			52E					AF14452BQ1L
	16			57E					AF16457BQ1L
1586.7, 1586.8, AKE308, AKE30LI, AKE35B, AKE40B, GKE35BC, GKE40BC, ESE25, ESE30B, ESE35B, ESE40, AKE35-19PRO, 40-19PRO	12	3/8LP	.050	45E			AF12045BJ4L	AF12045BQ1L	
	14			52E			AF14052BJ4L	AF14052BQ1L	
	16			56E			AF16056BJ4L	AF16056BQ1L	

									
	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3
BULLCRAFT									
BES1300B, KS400S, KS40S, KSE1300B, KSE30,	12	3/8LP	.050	44E					AE12044BQ1L
	14			49E					AE14049BQ1L
	16			55E					AE16055BQ1L
KS450	16	.325	.050	66E	KN16066DE4L				
	18			72E	KN18072DE4L				
CAMPAGNOLA									
LASER, M/3, PU, A, LINX	8	1/4	.050	48E					AY08048AS1L
	10			58E					AY10058AS1L
	10	3/8LP	.050	40E					
CASTELGARDEN									
CS35P, CS16E, CS17E, CS36, CS39	12	3/8LP	.050	44E					
	14			50E					
	16			55E					
CS45, CS50	13	.325	.058	56E	KN13856DS4L				
	16			66E	KN16866DS4L		KN16866DE5R		
	20			78E					
	18			72E	KN18872DS4L		KN18872DE5R		
CS60	16	3/8	.058	59E					
	18			64E					
	18	3/8	.058	68E	KN18868CY4L	KN18868HCH	KN18868CY5R		
	20			72E	KN20872CY4L	KN20872HCH	KN20872CY5R		
CASTOR®									
TR350	12	3/8LP	.043	44E					
330, CX35, 380, CX40, 423, 438, CX45, P34, P-345, CP-34S, TR350	12	3/8LP	.050	44E					
	14			50E					
	16			56E					
ELETTRA160, Elettra170, HIGH-TECH1.6, HIGH-TCH1.8, ES180, HI-TEC2.0Q	12	3/8LP	.050	44E					
	14			50E					
	16			55E					
	16			56E					
CP360, CP370, CP380, CP361, CP391	12	3/8LP	.050	44E					
	14			50E					
	16			56E					
	18			60E					
CP410	13	.325	.050	56E					
	16			64E					
C40, C40E, CP41, CP45	18	.325	.050	72E	KN18072DE4L				
	13	.325	.058	56E	KN13856DS4L				
	16			66E	KN16866DS4L				
	18			72E	KN18872DS4L		KN18872DE5R		

										
	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3	
CP400,CP450,CP500,CP460,CP510,CP540,CP540i,CP550	13	.325	.058	56E	KN13856DS4L					
	16			66E	KN16866DS4L					
	18			72E	KN18872DS4L		KN18872DE5R			
CP-55,CP-56,CP-65,CP-66,CP600,CP600i,CP650	18	3/8	.050	68E			KN18068CS5R			
	18	3/8	.058	68E	KN18868CY4L	KN18868HCH	KN18868CY5R			AF12445BQ1L
	20			72E	KN20872CY4L	KN20872HCH	KN20872CY5R			AF14452BQ1L
CP-700,CP-800,CP750	18	3/8	.058	68E	DZ18868CY5L	DZ18868HCH	DZ18868CY5R			
	20			72E	DZ20872CY5L	DZ20872HCH	DZ20872CY5R			
	22	3/8	.063	75E						
	24			84E		DZ24384HCH				
	24	.404	.063	76E		DZ24376HEH				
CHALLENGE										
SCS718A	14	3/8LP	.050	51E						AS14051BJ1L
GCS350N	14	3/8LP	.050	53E						AF14053BQ1L
CHAMPION										
137,142,341	16	3/8LP	.050	56E						
254	13	.325	.050	56E						
CECS405B	16	1/4	.050	86E						AE16086AS1L
COMET										
CKS 2000	16	3/8LP	.050	56E						AF16056BQ1L
KSC 2000	16			55E						AS16055BQ1L
36,38,1636,1842	16	3/8LP	.050	56E						AF16056BQ1L
	18			62E						
46,205	20	.325	.050	78E						
CUB CADET										
CS3916	14	3/8LP	.050	52E				AF14052BJ4L	AF14052BQ1L	
	16			57E				AF16057BJ4L	AF16057BQ1L	
	18			62E					AF18062BQ1L	
CC1936,CC2740	14	3/8LP	.050	52E				AN14052BJ4L	AN14052BQ1L	
	16			56E				AN16056BJ4L	AN16056BQ1L	
CC3045,CC3352,CC3651,CC4051,CS5018,CS5220	15	.325	.058	64E	KN15864DS4L		KN15864DS5R			
	18			72E	KN18872DE4L		KN18872DE5R			
CC4256,CS5720	16	3/8	.058	60E	KN16860CY4L		KN16860CS5R			
	18			68E	KN18868CY4L		KN18868CY5R			
	20			72E	KN20872CY4L		KN20872CY5R			
DDE										
DDE CS 4116 4118	16	.325	.050	66E	KF16066DS4L					
	16		.058	66E			KF16866DE5R		KF16866DE5L	
	18		.050	72E	KF18072DE4L				KF18072DS4L	
	18		.050	72E			KF18072DE5R		KF18072DE5R	

										
	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3	
DOLMAR										
AS-1212,PS221,PS-34,PS-3,PS221,PS222	5	1/4	.050	42E						
	10			60E						
ES-31,ES-36, ES40,ES32, ES37,ES4, ES5,PS221,PS222,ES41,ES42,ES32,ES-38A,ES-42A	12	3/8LP	.043	45E						AF12445BQ1L
	14			52E						AF14452BQ1L
ES-152A,ES-162A,ES172A,PS32C,PS35C,PS-34,PS35C,PS3410,PS350,PS350C,PS-3300TH,PS-330,PS-340,PS34,PS45,PS420C,PS41,PS-341,PS-344,PS-400,ES41,PS390,ES40,ES6,PS-401,PS-33,100,102,103,105,108,ES37,CS2040,101,104,106,ES140,275,ES30,ES3,ES160,285,ES161,ES2040,ES2035,ES153,ES183,ES173,ES163	12	3/8LP	.050	45E				AF12045BJ4L	AF12045BQ1L	
	14			52E				AF14052BJ4L	AF14052BQ1L	
	16			57E				AF16057BJ4L	AF16057BQ1L	
DOLMAR										
111,115i,PS5000,PS4600,110,109,PS510,PS540,PS5100S,PS500,PS460	13	.325	.050	56E	KN13056DY4L					
	15			64E	KN15064DY4L	KN15064HDH				
	18			72E	KN18072DY4L	KN18072HDH				
PS-4605	13	.325	.058	56E	KN13856DS4L		KN13856DS5R			
	15			64E	KN15864DS4L		KN15864DS5R			
	15			64E	KN15864DE4L		KN15864DE5R			
	16			66E	KN16866DS4L					
	16			66E	KN16866DE4L					
	18			72E	KN18872DS4L					
PS-410,PS-411,PS420	13	.325	.050	56E						KF13056DS4L
	15			64E						KF15064DS4L
	18			72E						KF18072DS4L
109,PS-43,112,111,PS-52,117,115,PS5000,PS4600	15	3/8	.058	56E	KT15856CY4L					
	17			64E	BL17864CY5L	BL17864HCH	BL17864CY5L			
	18			64E						
	20			72E	KT20872CY5L	BL20872HCH	KT20872CY5L			
	21			72E						
112,113,114,116,ES-1800	13	.325	.058	56E	KN13856DS4L		KN13856DS5R			
	15			64E	KN15864DS4L	KN15864HDH	KN15864DS5R			
	15			64E	KN15864DE4L	KN15864HDH	KN15864DE5R			
	16			66E	KN16866DS4L	KN16866HDH	KN16866DE5R			
	16			66E	KN16866DE4L					
	18			72E	KN18872DS4L					
	18			72E	KN18872DE4L		KN18872DE5R			
	20			78E	KN20878DY4L	KN20878HDH	KN20878DS5R			

	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3	
PS-6400,PS-7300,PS-7310, PS-7910,PS9000,PS9010, PS-7900,	15	3/8	.058	56E	DZ15856CY5L					
	16			60E	DZ16860CY5L					
	18			68E	DZ18868CY5L	DZ18868HCH	DZ18868CY5R			
	20			72E	DZ20872CY5L	DZ20872HCH	DZ20872CY5R			
	24			84E		DZ24884HCH	KN24884CY5R			
	28			92E		DZ28892HCH	KN28892CY5R			
117,119,120,219,PS-6000I, PS6800I,PS6800IH,120SI,123I	15	3/8	.058	56E	KT15856CY5L		KT15856CY5L			
	17			64E		BL17864HCH	BL17864CY5R			
	18			64E						
	20			72E			BL20872CY5R			
	21			72E						
122,123,133,143,CA,KMS4, PS9000, PS9010,153,152,144, 186	17	3/8	.058	56E						
	20			72E		DL20872HCH	DL20872CY5R			
	23			80E						
	29			96E						
144,153,166PD,CA,CC,CT, DD217,133	17	.404	.063	61E		DL17361HEH				
	21			70E						
DRAPER										
CS1500,CS1800,CSP4545	14	3/8LP	.050	52E						AF14052BQ1L
	16			57E						AF16057BQ1L
	18			62E						AF18062BQ1L
CS20401B	16	3/8LP		57E						AF16057BQ1L
ECHO®										
CS-280E,CS-304VL,CS-351VL, CS-302, CS-360WES,341,346, 3000,3400,3450, CS-280EG, CS-280EVL	10	1/4	.050	56E						AF10056AS1L
	12			66E						AF12066AS1L
	14			76E						AF14076AS1L
CS-285EVL,CS-290EVL, CS-27WES,CS-310ES,CS-352ES, CS-300EVL,CS-280E,CS-301, CS-260T/TES,CS305,CS341, CS346,CS-320T/TES,CS-350T/ TES,CS360TES,CS-352ES, CS-302,CS-315,ECS150, ECS1850FT,CS-320EVL,CS-328, CS-340,CS-345,CS351,CS-330EVL, CS-360EVL,CS370,E155,CS-2800, CS-2900,S2000,CS3000,CS3050, CCS3400,CS3450,CS4400,ECS150, ECS1850FT,S2600,CS3000, CS3400,C2700,CS3050,CS3500, CS3350	12	3/8LP	.050	45E				AF12045BJ4L	AF12045BQ1L	
	14			52E				AF14052BJ4L	AF14052BQ1L	
	16			56E				AF16056BJ4L	AF16056BQ1L	
CS-3600, CS-3900, CS400, CS520,CS-4000, CS-4400, CS4500, CS5000 CS-4500, CS-400EVL,CS-440EVL, CS-440EVLH, CS3700, CS4200, CS510, CS4100	16	.325	.050	66E	KF16066DS4L					
	18			72E	KF18072DS4L					







	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3	
CS-3600,CS-360EVL,CS-3700ES, CS-4200, CS-420ES, CS-450, CS-680,CS-8002,CS-4000, CS-400EVL,CS-4010,CS-440EVL, CS-4500,CS-4510,CS-4600, CS-4610,CS-5000,5100,CS-4400, CS-4200	15	.325	.058	64E	KF15864DS4L					
	16			66E	KF16866DS4L					
	18			72E	KF18872DS4L					
CS-60S,CS-451VL,CS-452VL, CS-500EVL, CS-500VL, CS-510EVL,CS-550EVL, CS600EVL,CS-602VL,CS-610EVL, CS-706,CS650EVL,CS-660EVL, CS-670,CS-701,CS-702VL, CS750EVL,CS-501,CS-601, CS-750VL,CS-5500,6700,8000	16	3/8	.050	60E	DS16060CS4L					
	18			64E	DS18064CS4L					
CS-5000,CS-5500,CS-5501, CS-6700	16	.325	.058	67E						
	18			72E	DS18872DE5L					
CS-900EVL,CS1001	17	.404	.063	62E						
	21			72E						
	25			82E						
	30			92E						
CS-1100VL,CS-1200,1201	21	.404	.063	72E		EB21372HEH				
	25			84E		EZ25384HEH				
ECKMAN										
CS011,EA003,BE003,CS015, SPEA001P6P16,LHT05, EMFC1,ECS01,PCS02	8	3/8LP	.050	33E						
	10			39E						
	10			40E						AF10040BQ1L
	12			45E						AF12045BQ1L
	18			62E						AF18062BQ1L
PCS03	18	.325	.058	72E	KN18872DE5L	KN18872HDH	KN18872DE5R	KN18872DE4L		
EFCO®										
PT2500	10	3/8LP	.043	39E						AB10439BQ1L
	10	3/8LP	.050	40E						AS10040BQ1L
131, 132, 125, 3600, 4000, MT350, MT3500	12			45E				AF12045BJ4L	AF12045BQ1L	
	14			52E				AF14052BJ4L	AF14052BQ1L	
	16			56E				AF16056BJ4L	AF16056BQ1L	
134,135,114E,115,116E,117E, 136,140,140S,119	12	3/8LP	.050	44E						
	14			49E						
	16			56E						AT16056BQ1L
138,141	13	.325	.050	56E	KN13056DY4L					
	15			64E	KN15064DY4L					
	16			66E	KN16066DY4L					
	18			72E	KN18072DY4L					











	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3	
140S	13	.325	.058	56E					KF13856DS4L	
	16			66E					KF16866DS4L	
142/146/151/156/162/147/152/165	13	.325	.058	56E	KN13856DS4L		KN13856DS5R			
	15			64E	KN15864DS4L		KN15864DS5R			
	16			66E	KN16866DE4L		KN16866DE5R			
	18			72E	KN18872DE4L		KN18872DE5R			
	20			78E	KN20878DY4L		KN20878DS5R			
170,180,171,181	16	.325	.058	60E	DT16860DY5L			DT16860DY3L		
	18			68E	DT18868DY5L	DT18868HDH		DT18868DY3L		
	20			72E	DT20872DY5L	DT20872HDH		DT20872DY3L		
	23			80E						
	25			88E						
	30			98E		DT30898HDH				
	16	.404	.058	55E						
	18			62E		DT18862HEH				
199	17	.404	.063	60E		EL17360HEH	EL17360ES5R			
	21			68E		EL21368HEH	EL21368ES5R			
	24			80E						
	30			92E						
	36			108E						
EINHELL	10	3/8LP	.050	41E						
	12			47E						
	14			54E						
	16			58E						
EKS25,EKS35	12	3/8LP	.050							
	14									
40A,41,MKS30,MKS40AV	12	3/8LP	.050							
	14									
PES30, PES34, PES34, PES35, PES40,PROFI,KSE1640, KSE1435,EKS1650,PES1640, PES1540,KSE1435,KSE1635, KSE,KSE1640,KSE2000, ESS1635,ESS1840,ESS45/1AV, ESS50/1AV	12	3/8LP	.050	45E				AF12045BJ4L	AF12045BQ1L	
	14			52E				AF14052BJ4L	AF14052BQ1L	
	16			57E				AF16057BJ4L	AF16057BQ1L	
	13	.325	.058	56E	KN13856DS4L		KN13856DS5R			
	15			64E	KN15864DS4L		KN15864DS5R			
	16			66E	KN16866DE4L		KN16866DE5R			
	18			72E	KN18872DE4L		KN18872DE5R			
	20			78E	KN20878DY4L		KN20878DS5R			

	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3	
ESS45/1AV,ESS50/1AV	11	.325	.058	52E						
	13			56E	KN13856DS4L		KN13856DE5R	KN13856DS4L		
	14			60E						
	15			64E	KN15864DE5L	KN15864HDH	KN15864DE5R			
QG-PC4545	16	.325	.058	66E	KN16866DE5L	KN16866HDH	KN16866DE5R	KN16866DS4L		
	16			68E						
QG-PT3043,BG-PC5045	18	.325	.058	72E	KN18872DE5L	KN18872HDH	KN18872DE5R	KN18872DS4L		
	20			78E	KN20878DE5L	KN20878HDH	KN20878DE5R			
ESPER										
SS-300,SS-360	12	3/8LP	.050	45E					AF12045BJ4L	AF12045BQ1L
	14			52E					AF14052BJ4L	AF14052BQ1L
	16			56E					AF16056BJ4L	AF16056BQ1L
FARMER										
MKS350	14	3/8LP	.050	49E						AS14049BQ1L
MKS360	14			52E						AF14052BQ1L
FLEURELLE										
FEAS 6020T HOCHENTASTER	8	3/8LP	.050	32E						AF08032BQ1L
FEKS 2040	16			56E						AF16056BQ1L
FLORABEST										
FHE550A1	10	3/8LP	.050	40E						AF10040BQ1L
FKS 2000 A1 /B1FKS, 2000 B1FKS,2000/6FKS, 2200 B1FKS,2000/7FKS,2200 A1 2200/08FKS,2200/10FKS, 2200/8FKS,2200/9FKS,2200 1FKS	16	3/8LP	.050	56E						AF16056BQ1L
GO/ON										
EKS 1835/2	14	3/8LP	.050	52E						AF14052BQ1L
GRIZZLY®										
HANDY,KS400I	16	3/8LP	.043	55E						
30HF,35HF,41HF,E140F, F130,F140	12	3/8LP	.043	44E						
	14			49E						
	16			56E						AT16456BQ1L
40HF	13	.325	.058	56E	KN13856DS4L		KN13856DS5R			
	15			64E	KN15864DS4L		KN15864DS5R			
	16			66E	KN16866DE4L		KN16866DE5R			
	18			72E	KN18872DE4L		KN18872DE5R			
	20			78E	KN20878DY4L		KN20878DS5R			
ZNERGOMASH										
99456,99458,99466,99468,99502	16	.325	.058	66E	KN16866DE5L	KN16866HDH	KN16866DE5R	KN16866DS4L		
	18			72E	KN18872DE5L	KN18872HDH	KN18872DE5R			
	20			78E	KN20878DE5L	KN20878HDH	KN20878DE5R			

		Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3
HITACHI										
CS280A, CS280B, CS30EH, CS350A, CS350B, ES35B		12	3/8LP	.050	45E				AF12045BJ4L	AF12045BQ1L
		14			52E				AF14052BJ4L	AF14052BQ1L
		16			56E				AF16056BJ4L	AF16056BQ1L
CS38EK, CS40EL, CS45EM, CS33EA, CS33ET, CS33EB		15	.325	.050	64E	KN15064DY4L				
		16			66E	KB16066DY4L				
HOMELITE®										
20AV, 23AV, 27, 3300, 3350, 3550, 3800, 3335, 3850, 4500, 4550, PS33, RANGER, 3314, 3316, 3300, CS40, TIMBERMAN, UT10901, UT10926, UT10974		12	3/8LP	.050	45E				AF12045BJ4L	AF12045BQ1L
		14			52E				AF14052BJ4L	AF14052BQ1L
		16			56E				AF16056BJ4L	AF16056BQ1L
		18			62E					
192, 200, 240SL, SUPER2/2CC, 180SERI ES, 190, 192, SUPER2SL, ELECTRIC, XL, XL-10, XL2CC, XL2SUPER, XLT1, BANDIT LX30, EL14, SABRE31, 33, 205		8	3/8LP	.050	37E					
		10			42E					
		12			48E					
		12			49E					
		14			52E					
		14			53E					
30, 150, EZ, EZAUTO, 130 MINI, SUPEREZAUTO, SUPERXLMINI, EZ250, 252, VISUPERMINI, VI-123, VI-125, XL-76, XL100SERIES, XL250, 415b, 4550b, 3816, 4528, 4520, 4016		13	.325	.050	56E	KN13056DS4L		KN13056DS5R		
		16			67E					
		18			72E	KN18072DE4L	KN18072HDH	KN18072DS5R		
		20			78E	KN20078DS4L	KN20078HDH	KN20078DS5R		
290, 300, 340MINISL, 150, CS-40		12	3/8	.050	49E					
		14			54E					
		16			59E					
		18			64E					
		20			70E					
		24			81E					
250, 252, 290, 290C, 300, 340, 340C, 3850B, 415b, 4550b, HSC4040, 4545		18	.325	.050	72E	KN18072DE4L	KN18072HDH	KN18072DS5R		
		13	.325	.058	57E	KN13857DS4L		KN13857DS5R		
		15			64E	KN15864DS4L	KN15864HDH	KN15864DS5R		
		15			64E	KN15864DS4L	KN15864HDH	KN15864DS5R		
		16			66E	KN16866DE4L	KN16866HCH	KN16866DE5R		
		18			72E	KN18872DE4L	KN18872HCH	KN18872DE5R		
330, 350, 360AO, 360SL, 700, 800, 825, 460, 400, 540, 410, 450, 450SL, 550, 850, 825, 900, 922, 923, 400, 700, 800, 550SL, 650, 750, 925, 955, SUPERXLAUTO, SXL40, SXL925, XL12, 8800		16	3/8	.050	60E					AF16056BQ1L
		20			70E	DN20070CY4L				
		24			81E					
		27			93E					
		29			98E					






		Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3
1000XP, 1020, 2100, 700DSERIES, S1050AUTO		17	3/8	.063	68E					
		21			78E					
		25			90E					
SUPER1050XP, WIZ, XSERIES, XP SERIES, XP2000, ZIP		17	.404	.063	62E					
		21			71E					
		25			82E					
360		17	.404	.063	62E					
		21			71E					
HUSQVARNA®										
327P4, 237P5X, 327P5X, 327PT5S		10	3/8LP	.043	40E					
		12			45E					
T435, 436LI, 536LIXP, T540XP		10	3/8LP	.043	40E					
		12			45E					
		14			52E					
325P4X, 323P4, T425		10	3/8LP	.050	40E					
		12	3/8LP	.050	47E					
HUSKY32, HUSY38		14			53E					
		16			58E					
		13	3/8	.058	52E			DZ13852CY5R		
61, 65, 66, 70, 77, 160, 162, 181, 185, 260, 266, 268, 272XP, 281, 285, 288, 298, 365XP, 371, 372XP, 380, 385XP, 390XP, 480, 562XP, 570XP, 575XP, 576XP, 1100, 2100, 2101, 3120XP		15			56E	DZ15856CY5L	DZ15856HCH	DZ15856CY5R		DZ15856CY3L
		16			60E	DZ16860CY5L	DZ16860HCH	DZ16860CY5R		DZ16860CY3L
		17			64E					
		18			68E	DZ18868CY5L	DZ18868HCH	DZ18868CY5R		DZ18868CY3L
		20			72E	DZ20872CY5L	DZ20872HCH	DZ20872CY5R		DZ20872CY3L
		22			76E					
		24			84E		DZ24884HCH	DZ24884CY5R		DZ24884CY3L
		26			89E			DZ26889CY5R		
		28			92E		DZ28892HCH	DZ28892CY5R		
		30			102E			DZ308102CY5R		
250PS, 23, 36, 41, 136, 137, 141, 142, 243, E16, E316, E317, E321		36	.404	.063	115E		DZ363115HEH	DZ363115ES5R		
		8	3/8LP	.050	32E					AF08032BQ1L
		12			45E				AF12045BJ4L	AF12045BQ1L
		14			52E				AF14052BJ4L	AF14052BQ1L
		16			56E				AF16056BJ4L	AF16056BQ1L
		18			62E					AF18062BQ1L
133, 134, 234, 238, 33, 36, 40, 41, 42, 44, 45, 49, 50, 51, 57, 55, E1400, E1600EL16, 242XP, 246, 254, 257, 254, 142, 339, 340, 345, 346, 350, 351, 353, 357, 359, 360, 444, 455		13	.325	.050	56E	KN13056DY4L				
		15			64E	KN15064DY4L				
		18			72E	KN18072DY4L				











										
	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3	
350,351,353,355	13	.325	.058	56E	KN13856DS4L		KN13856DS5R			
	15			64E	KN15864DS4L	KN15864HDH	KN15864DS5R			
	16			66E	KN16866DE4L	KN16866HDH	KN16866DE5R			
	18			72E	KN18872DE4L	KN18872HDH	KN18872DE5R			
	20			78E	KN20878DE4L	KN20878HDH	KN20878DE5R			
	13	.325	.058	56E	KN13856DS4L		KN13856DS5R			
133,136,137,140,141,142,154, 234,238,240,242,234,246,254, 257,261,340, 345,346,350,351, 357,359,360,444,450,455,235, 340,EL16,EL1400,EL1500, EL1600,460	15			64E	KN15864DS4L	KN15864HDH	KN15864DS5R			
	15			64E	KN15864DS4L	KN15864HDH	KN15864DS5R			
	16			66E	KN16866DE4L	KN16866HDH	KN16866DE5R			
	18			72E	KN18872DE4L	KN18872HDH	KN18872DE5R			
	20			78E	KN20878DE4L	KN20878HDH	KN20878DE5R			
	13	.325	.058	56E	KN13856DS4L		KN13856DS5R			
55,154,254,257,261,262,362,357, 359,560XP,455,55,555,560XP	15			64E	KN15864DS4L	KN15864HDH	KN15864DS5R			
	15			64E	KN15864DS4L	KN15864HDH	KN15864DS5R			
	16			66E	KN16866DE4L	KN16866HDH	KN16866DE5R			
	18			72E	KN18872DE4L	KN18872HDH	KN18872DE5R			
	20			78E	KN20878DE4L	KN20878HDH	KN20878DE5R			
	13	3/8	.058	50E	KN13850CS4L					
	15			56E	KN15856CS4L					
	16			60E	KN16860CY4L	KN16860HCH	KN16860CY5R			
	18			64E	KN18864CY4L	KN18864HCH	KN18864CY5R			
	20			72E	KN20872CY4L	KN20872HCH	KN20872CY5R			
24			84E		KN24884HCH	KN24884CY5R				
HUSQVARNA®/..										
162,61,181,185,2100,2100,266, 160,260,268,272,272,281,285, 288,365,380,394,395,390,371, 394,298,380,480,65,66,77,70, 372,385,395,480,562XP,570,575, 576XP,575XP,1100,2101,3120	13	3/8	.058	52E						
	15			56E	DZ15856CY5L					
	16			60E	DZ16860CY5L		DZ16860CY5R			
	17			64E						
	18			68E	DZ18868CY5L	DZ18868HCH	DZ18868CY5R			
	20			72E	DZ20872CY5L	DZ20872HCH	DZ20872CY5R			
	22			76E						
	24			84E		DZ24884HCH	DZ24884CY5R			
	26			89E						
	28			92E		DZ28892HCH	KN28892CY5R			
	30			102E			DZ308102CY5R			
	36	3/8	.063	115E		DZ363115HCH	DZ363115CY5R			
	SAWMILL	16	3/8	.050	60E	DZ16060CY5L	DZ16060HBH			
395XP,3120XP	20			72E	DZ20072CY5L	DZ20072HBH				
	22	.404	.063	68E		DZ22368HEH				

										
	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3	
3120,395,	22	.404	.063	68E			DZ22368HEH			
	24			76E			DZ24376HEH	KN24376ES5R		
	36			104E			DZ363104HEH	DZ363104ES5R		
	15	3/8	.058	56E	DZ15856CY5L					
	16			60E	DZ16860CY5L			DZ16860CY5R		
	17			64E						
	18			68E	DZ18868CY5L	DZ18868HCH	DZ18868CY5R			
	20			72E	DZ20872CY5L	DZ20872HCH	DZ20872CY5R			
	22			76E						
	24			84E		DZ24884HCH	DZ24884CY5R			
	26			89E						
	28			92E			DZ28892HCH	KN28892CY5R		
	30			102E				DZ308102CY5R		
36	3/8	.063	115E			DZ363115HCH	DZ363115CY5R			
IKRA										
KS1400,KS1500,KS1600, EKS1600,EKS1700,EKS1800, KS2000,KS1200,KS1400	12	3/8LP	.050	45E					AF12045BJ4L	AF12045BQ1L
	14			52E					AF14052BJ4L	AF14052BQ1L
	16			56E					AF16056BJ4L	AF16056BQ1L
	18			62E						AF18062BQ1L
	12	3/8LP	.050	45E					AF12045BJ4L	AF12045BQ1L
	14			52E					AF14052BJ4L	AF14052BQ1L
	16			56E					AF16056BJ4L	AF16056BQ1L
	16	.325	.050	64E						
	18	3/8	.058	68E	DT18868CY5L	DT18868HCH			DT18868CY3L	
	20			72E	DT20872CY5L	DT20872HCH			DT20872CY3L	
1700F,12000F	16	.325	.050	64E						
18	3/8	.058	68E	DT18868CY5L	DT18868HCH			DT18868CY3L		
20			72E	DT20872CY5L	DT20872HCH			DT20872CY3L		
INKAR										
ALL MODELS,IRCEM	15	.325	.058	64E	KN15864DS4L					
JCBHYDROCHIEF										
ALL MODELS	17	3/8	.063	67E			EL17367HCH			
	21			75E			EL21375HCH			
	25			83E			EZ25383HCH			
	17	.404	.063	60E			EL17360HEH	EL17360ES5R		
	21			68E			EL21368HEH	EL21368ES5R		
	25			80E			EZ25380HEH			
JONSERED®										
BABYSAWM®6,M®61,361,365,370	12	3/8LP	.050	45E						
	14			50E						
	14			52E						
	16			57E						
2033TH,2137,2138,2234,2238	12	3/8LP	.050	45E					AF12045BJ4L	AF12045BQ1L
	14			52E					AF14052BJ4L	AF14052BQ1L
	16			56E					AF16056BJ4L	AF16056BQ1L

	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3	
2035,2036,2040,2115/2116/2117/ 2118/2121EL,2135,2138,2139T, 2234,2238	12	3/8LP	.050	45E				AN12045BJ4L	AN12045BQ1L	
	14			52E				AN14052BJ4L	AN14052BQ1L	
	16			56E				AF16056BJ4L	AN16056BQ1L	
	18			60E					AN18060BQ1L	
EL14,EL1200,45E,49SP,50,2014, 2015,2016,2012,51,370,380,410, 420,435,450,451,45,451EVS,452, 490,455,510,520,525,535,590, 590,2012,2014,2015,2016,2036, 2040,2041,2045,2149,2050,2051, 2054,2055,2150,2145,2141,2152, 2137	13	.325	.058	56E	KN13856DS4L		KN13856DS5R			
	15			64E	KN15864DS4L	KN15864HDH	KN15864DS5R			
	16			66E	KN16866DE4L	KN16866HDH	KN16866DE5R			
	18			72E	KN18872DE4L	KN18872HDH	KN18872DE5R			
	20			78E	KN20878DY4L	KN20878HDH	KN20878DS5R			
	13	.325	.050	56E	KN13056DS4L		KN13056DS5R			
	15			64E	KN15064DE4L	KN15064HDH	KN15064DS5R			
	18			72E	KN18072DE4L	KN18072HDH	KN18072DS5R			
	2159,2145,2149,2147	13	.325	.050	56E	KN13056DY4L				
		15			64E	KN15064DY4L				
18				72E	KN18072DY4L					
2,063,216,321,592,260	13	3/8	.058	50E	KN13850CS4L					
	15			56E	KN15856CS4L		KN15856CY5R			
	16			60E	KN16860CY4L	KN16860HCH	KN16860CS5R			
	18			68E	KN18868CY4L	KN18868HCH	KN18868CY5R			
	13	.325	.058	56E	KN13856DS4L		KN13856DS5R			
	15			64E	KN15864DS4L	KN15864HDH	KN15864DS5R			
	16			66E	KN16866DE4L	KN16866HDH	KN16866DE5R			
	18			72E	KN18872DE4L	KN18872HDH	KN18872DE5R			
	20			78E	KN20878DY4L	KN20878HDH	KN20878DS5R			
	13	.325	.050	56E	KN13056DY4L					
60,62,66,70,75,80,90,601,621, 751,801,820,830,910E,920,930, 941	15			64E	KN15064DY4L					
	18			72E	KN18072DY4L					
	16	3/8	.058	60E	DT16860CY4L					
1020	18			68E	DT18868CY4L	DT18868HCH				
	20			72E	DT20872CY4L	DT20872HCH				
	30			98E						
	15	3/8	.058	56E					AF12066AS1L	
SAWMILL 2095+,SAWMILL 600+	17			64E	DO17864CY5L				AF14076AS1L	
	22			76E						
	16	3/8	.050	60E	DZ16060CY5L	DZ16060HCH				
	20			72E	DZ20072CY5L	DZ20072HCH				
	16	.325	.050	67E		DZ16067HDH				
20			81E		DZ20081HDH					


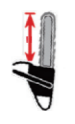








	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3	
625,630,630SUPER,670, 670CHAMP,2077,2083,2094, 2095,2095,2065,2071,2171, 2165,2186,2188, 820/830* 920/930* (*with 9mm stud)	13	3/8	.058	52E						
	15			56E	DZ15856CY5L					
	16			60E	DZ16860CY5L	DZ16860HCH	DZ16860CY5R			
	17			64E						
	18			68E	DZ18868CY5L	DZ18868HCH	DZ18868CY5R			
	20			72E	DZ20872CY5L	DZ20872HCH	DZ20872CY5R			
	22			76E						
	24			84E		DZ24884HCH	DZ24884CY5R			
	26			89E						
	28			92E		DZ28892HCH	DZ28892CY5R			
	30			102E		DZ308102HCH	DZ308102CY5R			
	36	3/8	.063	115E						
	21	.404	.058	68E						
	22	.404	.063	68E		DZ22368HEH				
	24			76E		DZ24376HEH				
	36			104E		DZ363104HEH				
	KRESS®									
DUO-SAGE	10	3/8LP	.050	36E						
LOGOSOL										
3000,3052,0036 with Stihl® 064, 066, MS660,MS361,MS064, E3000,E3500, E3052	15	3/8	.063	56E	DF15356CY6L	DF15356HCH	DF15356CY5R			
	16			60E	DF16360CY6L	DF16360HCH	DF16360CY5R			
	18			66E	DF18366CY6L	DF18366HCH	DF18366CY5R			
	20			72E	DF20372CY6L	DF20372HCH	DF20372CY5R			
	24			84E		DF24384HCH	DF24384CY5R			
	28			91E			DF28391CY5R			
	36			114E			DF363114CY5R			
3020 WITH STIHL084,088, MS880,MS088	15	3/8	.063	58E						
	17			66E		EL17366HCH	EL17366CY5R			
	20			74E						
	21			75E		EL21375HCH				
	25									
25										
MAKITA®										
5011B,5012B,5014B,5014NB, 5016B,5016NB	12	1/4	.050	66E					AF12066AS1L	
	14			76E					AF14076AS1L	
DCS460,DSC500,DSC4600, DSC5030	15	3/8	.058	56E	KT15856CY5L		BL15856CY5R			
	17			64E		BL17864HCH	BL17864CY5R			
	18			64E	KT18864CY5L					
	20			72E			BL20872CY5R			
	21			72E	KT20872CY5L					











									
	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3
9000,DCS9010	17	3/8	.058	64E					
	20			72E		BL20872HCH	BL20872CY5R		
	23			80E					
AUC120DWAE,DCS34,DCS330,340,341,390,400,401,5012,5014,5016,3500,UC3501,UC3020A,UC3520A,UC4020A	12	3/8LP	.043	45E					AF12445BQ1L
	14			52E					AF14452BQ1L
	16			56E					AF16456BQ1L
UC250DWB,DCS330S,DCS350,DCS3501,DCS390,UC3501,UC3520A,BUC250RDE,BUC122RFE,UC4020ADCS400,DCS380,DCS300,DCS3410TH,DCS232T,UC3030A,DCS340,DCS341,DCS401,DCS4610,UC3530AK,UC4530A,UC3000,UC3500,UC4000UC3000,UC3500,UC4000,UC4030AK,5012,5014,5016	12	3/8LP	.050	45E				AF12045BJ4L	AF12045BQ1L
	14			52E				AF14052BJ4L	AF14052BQ1L
	16			56E				AF16056BJ4L	AF16056BQ1L
DCS430,DCS431,DCS520,DCS4300i,DCS5200i	13	.325	.050	56E	KN13056DY4L				
	15			64E	KN15064DY4L				
	18			72E	KN18072DY4L				
DCS430,DCS520,DCS4300i,DCS5200i,DCS431,DCS520,DCS43001,DCS431,45	13	.325	.058	56E	KN13856DS4L		KN13856DS5R		
	15			60E	KN15860DS4L	KN15860HDH	KN15860DS5R		
	16			64E	KN16864DE4L	KN16864HDH	KN16864DE5R		
	18			72E	KN18872DE4L	KN18872HDH	KN18872DE5R		
	20			78E	KN20878DY4L	KN20878HDH	KN20878DS5R		
DCS-6400,DCS-7300,DCS6401,DCS-7300,DCS9000,DCS9010,DCS7301,DCS-7900,DCS79001	16	3/8	.058	60E	DZ16860CY5L				
	18			68E	DZ18868CY5L	DZ18868HCH			
	20			72E	DZ20872CY5L	DZ20872HCH			
	24			84E		DZ24884HCH			
	28			92E		DZ28892HCH			
MAROYAMA									
MAROYAMA MCV 3100	14	3/8LP	.050	52E				AF14052BJ4L	AF14052BQ1L
	16			56E				AF16056BJ4L	AF16056BQ1L
MAX BAHR									
KSH 600 HOCHENTASTER, ELECTRAMAC312,314,316,330,335,340,414,416,MAC335,MACCAT436,441,MAC538E,539E,PROMAC33	10	3/8LP	.050	40E					AF10040BQ1L
MCCULLOCH									
Electramac312,314,316,330,335,340,414,416,Mac335,MacCat436,441,Mac538e,539e,Promac33,	12	3/8LP	.050	45E					AB12045BQ1L
	14			50E					
	16			56E					
	18			60E					









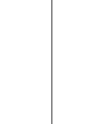

									
	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3
Mac542e,California,Mac545e,(intenz)	12	3/8LP	.050	45E					AB12045BQ1L
	14			50E					
	16			55E					
	18			60E					
ProMac 46II	13	.325	.050	56E	KN13056DS4L		KN13056DS5R		
	15			64E	KN15064DE4L	KN15064HDH	KN15064DS5R		
	18			72E	KN18072DE4L	KN18072HDH	KN18072DS5R		
ProMac54,61,72	16	3/8	.058	60E	DT16860CY4L				
	18			68E	DT18868CY4L				
	20			72E	DT20872CY4L				
MCCULLOCH®									
474,484,735,C180,CALIFORNIA/ARIZON,CALIFORNIA90,EAGER BEAVER,MAC120,MAC130,MM*0,MM*5,PM*6,PM*10,PM*20,330,340,PM*60,PM*64,PM*70,PM*80,PM470,PM480,PM510,PM400,PM6,PM730,EMAC1040,PM484,MAC940,DAY.900,MINIMAC(AIIModels),3214/6,3516/8,EB2.3,MacCat	12	3/8LP	.050	45E					AB12045BQ1L
	14			50E					
	16			56E					
PM*94,PM494,MAC930,MAC935,MacCat839,Electronac1030,1035,Mac12014AS,EM16,10,12,14,16E	12	3/8LP	.050	45E					AB12045BQ1L
	14			50E					
	16			56E					
	18			60E					
ELECTRA MAC 16E,838,839,	16	3/8	.050	56E					
TITAN41,TITAN46,4600,4700,4900,5000,TIMBERBEAR849,1-10,10-10,2-10,3-10,4-10,5-10,55,555,6-10,60,610,650,655,7-10,70,700,80,800,805,850,DE50,SP60,SP81,-850,DE50,SP60,SP81,TITAN50,TITAN57,955,1000,CP55,CP70,CP70L,335,435,400,441,738	16	.325	.050	66E	KN16066DE4L	KN16066HDH	KN16066DS5R		
	18			72E	KN18072DE4L	KN18072HDH	KN18072DS5R		
MAC950,MAC960,MAC970,300,050,006,PROMAC51,PROMAC55,PROMAC60,PROMAC70,MCCULLOCH(JF)	16	3/8	.058	60E	DT16860CY4L				
	18			68E	DT18868CY4L				
	20			72E	DT20872CY4L				
MS1215,MS1415,MS1425,MS1630,MS1640,MX1435,MX1645,MS1845J,MS1834N,MS1635AV	12	3/8LP	.050	45E					AB12045BQ1L
	14			50E					AB12050BJ4L
	16			56E				AB16056BJ4L	
55cc,50cc	16	.325	.050	66E	KN16066DE4L	KN16066HDH	KN16066DE5R		
	18			72E	KN18072DE4L	KN18072HDH	KN18072DE5R		
	20			78E	KN20078DS4L	KN20078HDH	KN20078DE5R		
850,DE50,SP60,TITAN50,TITAN57,955,1000,CP55,CP70,CP70L	16	3/8	.058	60E					
	20			71E					
	24			81E					
CS360T	14	3/8LP	.050	52E				AN14052BJ4L	AN14052BQ1L
	16			56E					AN16056BQ1L











	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3	
CS400T	16	3/8LP	.050	56E				AN16056BJ4L	AN16056BQ1L	
	18			60E					AN18060BQ1L	
	16	.325	.050	66E	KN16066DS4L					
	18			72E	KN18072DS4L		KN18072DE5R			
	20			78E	KN20878DS4L					
METABO®										
KT1441	16	3/8LP	.050	57E					AN16057BQ1L	
KT1530	13	.325	.058	56E	KN13856DS4L			KN13856DE4L		
	15			64E	KN15864DS4L			KN15864DE4L		
5338	12	1/4	.050	64E						
	14			72E						
	12	3/8LP	.050	44E	AS12044BJ3L			AS12044BJ4L	AS12044BQ1L	
	14			50E	AS14050BJ3L			AS14050BJ4L	AS14050BQ1L	
	16			55E	AS16055BJ3L			AS16055BJ4L	AS16055BQ1L	
1440	16	3/8LP	.050	58E						
MITOX										
POLE PRUNER	10	3/8LP	.050	39E					AE10039BQ1L	
3814,4116	14	3/8LP	.050	52E					AE14052BQ1L	
	16			57E					AE16057BQ1L	
451,850,205,620	18	.325	.058	72E	KN18872DE5L	KN18872HDH			KN18872DS4L	
	20			78E	KN20878DE5L	KN20878HDH				
6220,6224	20	3/8	.050	72E						
	24			84E			DZ24084CY5R			
CS38 PRO,CS41 PRO	14	3/8LP	.050	53E					AF14053BQ1L	
	16			57E					AE16057BQ1L	
CS45 PRO,CS50 PRO,CS56 PRO	16	.325	.058	66E	KN16866DE5L	KN16866HDH				
	18			72E	KN18872DE5L	KN18872HDH				
	20			78E	KN20878DE5L	KN20878HDH				
CS3612T	12	3/8LP	.050	45E					AF12045BQ1L	
MOUNTFIELD										
MC382	16	.325	.058	66E						
MC438,MC3616	14	3/8LP	.050	52E	AF14052BJ3L			AF14052BJ4L	AF14052BQ1L	
	16			57E	AF16057BJ3L			AF16057BJ4L	AF16057BQ1L	
MC640	16	.325	.058	66E						
MR.GARDENER										
EKS2040	16	3/8LP	.050	57E					AF16057BQ1L	
NAPMA										
YPAN,TANRA,NAPMA	20	.404	.063	64E						
	17	3/8	.063	64E	DO17364CY5L		DO17364CY5R			









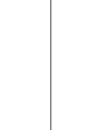

	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3	
NAPMA-2M	18	.325	.058	72E	KN18872DS4L		KN18872DE5R	KN18872DS4L		
NAPMA-3,NAPMA-4	15	.325	.050	64E		KN15064HDH		KN15064DS4L		
	18			72E	KN18072DE5L			KN18072DS4L		
16/38,16/2000,14/35,14/38	14	3/8LP	.050	53E	AF14053BJ3L			AF14053BJ4L	AF14053BQ1L	
	16			56E	AF16056BJ3L			AF16056BJ4L	AF16056BQ1L	
OLEO-MAC-OLYMPIK										
EP100 POLE PRUNER,E1500,931,932,GS35,GS350	12	3/8LP	.050	45E		AF12045HBV		AF12045BJ4L	AF12045BQ1L	
	14			52E		AF14052HBV		AF14052BJ4L	AF14052BQ1L	
	16			56E		AF16056HBV		AF16056BJ4L	AF16056BQ1L	
OM-E200	12	3/8LP	.050	45E		AS12045HBV		AS12045BJ4L	AS12045BQ1L	
	14			50E				AS14050BJ4L	AS14050BQ1L	
	16			55E				AS16055BJ4L	AS16055BQ1L	
240	12	3/8LP	.050	45E		AS12045HBV		AS12045BJ4L	AS12045BQ1L	
	14			50E				AS14050BJ4L	AS14050BQ1L	
	16			55E				AS16055BJ4L	AS16055BQ1L	
937,938,941,GS44	13	.325	.050	56E	KN13056DS4L		KN13056DS5R			
	15			64E	KN15064DE4L	KN15064HDH	KN15064DS5R			
	16			66E	KN16066DE4L	KN16066HDH	KN16066DS5R			
	18			72E	KN18072DE4L	KN18072HDH	KN18072DS5R			
938,942,945,950,946,950SUPER,947,952,950A,951,E300F	13	.325	.058	56E	KN13856DS4L			KN13856DS5R		
	14			60E						
	15			64E	KN15864DS4L	KN15864HDH	KN15864DS5R			
	16			66E	KN16866DE4L	KN16866HDH	KN16866DS5R			
	18			72E	KN18872DE4L	KN18872HDH	KN18872DS5R			
	20			78E	KN20878DY4L	KN20878HDH	KN20878DS5R			
OLEO-MAC-OLYMPIK										
962,956	16	3/8	.058	60E	KN16860CY4L	KN16860HCH	KN16860CS5R			
	18			68E			KN18868CY5R			
	20			72E	KN20872CY4L	KN20872HCH	KN20872CY5R			
	13	.325	.058	56E	KN13856DS4L		KN13856DS5R			
	14			60E						
	15			64E	KN15864DS4L	KN15864HDH	KN15864DS5R			
	16			66E	KN16866DE4L	KN16866HDH	KN16866DE5R			
	18			72E	KN18872DE4L	KN18872HDH	KN18872DE5R			
	20			78E	KN20878DY4L	KN20878HDH	KN20878DS5R			
	250A,251,251SUPER,251B,252,254,261,264,271,272,284,350,350SUPER,355,460,480,481,482,484,E300,OM-E300	16	3/8	.058	60E	DT16860CY4L				
18				68E	DT18868CY4L					
20				72E	DT20872CY4L					
30				98E						











										Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3	
970,980,971,981	16	3/8	.058	60E															
	18			68E	DT18868CY4L														
	20			72E	DT20872CY4L														
	30			98E															
233,234,244,240,241,335,340,930,935DX,935X,936,940,E140F,E160F,E1700,E1900,E1500,300	12	3/8LP	.050	44E															
	14			49E															
	16			56E															AT16056BQ1L
E170,E170F	12	.325	.050	51E															
	14			57E															
	16			64E															
999,999F,985	17	.404	.063	60E		EL17360HEH	EL17360ES5R												
	21			68E		EL21368HEH	EL21368ES5R												
	25			80E															
	30			92E															
	36			108E															
41			123E																
PARKSIDE																			
EKS1650	16	3/8LP	.043	55E															
EKS1700	16	3/8LP	.050	56E															
ESS2000/4,ESS40,ESS10/3,ESS40/5	16	3/8LP	.050	55E															
	16			57E															
PARMA																			
ALL MODELS	16	3/8	.058	62E	DE16862CY5L														
	16		.063	62E															
PARTNER(ITALY)																			
P1535,1540,1640,1835,1840,P351,352,371,391,538E,542E	12	3/8LP	.050	45E															AB12045BQ1L
	14			50E															AB14050BJ4L
	16			56E															AB16056BJ4L
	18			60E															
P411,462,511,543,461	13	.325	.050	56E	KN13056DS4L						KN13056DS5R								
	15			64E	KN15064DE4L	KN15064HDH	KN15064DS5R												
	18			72E	KN18072DE4L	KN18072HDH	KN18072DS5R												
P541	16	3/8	.050	60E	DT16060CS5L														
	18			68E	DT18068CS5L														
	20			72E	DT20072CS5L														
PARTNER																			
1436,1641	14	3/8LP	.043	52E															AF14452BQ1L
	16			56E															AF16456BQ1L











										Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3	
1535EL,1540EL,1640EL,ES2200,1835,1840,371,391,542,1640,351CCS,3CCS	14	3/8LP	.050	50E															AB14050BJ4L
	16			56E															AB16056BJ4L
P4-18,P4-20,20X,P33XT,330,335,340,345,360,365,370,385,P390,395,405,351,370,P390,P420,350,P738,P842	12	3/8LP	.050	45E										AF12045HBV					AF12045BJ4L
	14			52E										AF14052HBV					AF14052BJ4L
	16			56E										AF16056HBV					AF16056BJ4L
	18			62E															AF18062BQ1L
EL1450,EL1650,400,410,460,405,450,470,510,540	13	.325	.050	56E	KN13056DS4L											KN13056DS5R			
	15			64E	KN15064DE4L	KN15064HDH	KN15064DS5R												
	18			72E	KN18072DE4L	KN18072HDH	KN18072DS5R												
360,365,400,405,450,465,495,510,540,500,545,MINIFARMERSAW,P500,P5000,P5500,1200EL,1400EL,1450,1500EL,1650,410,400,510,	13	.325	.058	56E	KN13856DS4L														KN13856DS5R
	14			60E															
	15			64E	KN15864DS4L	KN15864HDH	KN15864DS5R												
	16			66E	KN16866DE4L	KN16866HDH	KN16866DE5R												
	18			72E	KN18872DE4L	KN18872HDH	KN18872DE5R												
	20			78E	KN20878DY4L	KN20878HDH	KN20878DS5R												
	22			84E															
550,605	13	3/8	.058	50E															
	15			56E															
660,P7700,710	16	3/8	.058	60E	DZ16860CY5L														DZ16860CY5R
	18			68E	DZ18868CY5L	DZ18868HCH	DZ18868CY5R												
	20			72E	DZ20872CY5L	DZ20872HCH	DZ20872CY5R												
	22			76E															
	24			84E											DZ24884HCH	DZ24884CY5R			
	26			89E															
	28			92E											DZ28892HCH	KN28892CY5R			
1601,1602,1612,1613,1614,1616,1618	12	3/8LP	.050	45E															
	14			52E															
	16			56E															
650,7000,F65,P100,P55,P65,P70,R16,R17,R18,R19,R20,R21,R22,R40,R417,R418,R420,R421,R422,R435,R440,R522,R523,S50,S55,S65	13	3/8	.058	52E															
	15			56E															
	16			60E															
	17			64E	DO17864CY5L														
	20			72E															
P100,P85,R40,R435,R440	22	.404	.063	69E															
	26			80E															











										
	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3	
MT39	10	1/4	.050	58E						
	10			60E					AF10060AS1L	
	12	3/8LP	.050	45E	AF12045BJ3L			AF12045BJ4L	AF12045BQ1L	
	14			52E	AF14052BJ3L			AF14052BJ4L	AE14052BQ1L	
MT40	10	1/4	.050	58E					AF10058AS1L	
	12	3/8LP	.050	45E	AF12045BJ3L			AF12045BJ4L	AF12045BQ1L	
	14			52E	AF14052BJ3L			AF14052BJ4L	AE14052BQ1L	
MT51,MT56,MT62,1200,1400,1450	16			56E	AF16056BJ3L			AF16056BJ4L	AF16056BQ1L	
	16	.325	.058	66E		KN16866HDH	KN16866DE5R		KN16866DS4L	
	18			72E	KN18872DE5L	KN18872HDH	KN18872DE5R		KN18872DS4L	
	18	3/8	.058	64E	KN18864CY5L	KN18864HCH	KN18864CY5R			
AC620031,AC620033	8	1/4	.050	48E					AE08048AS1L	
	10	3/8LP	.050	40E					AE10040BQ1L	
AC620021	12			45E					AE12045BQ1L	
	POULAN									
ES300	14	3/8LP	.043	52E					AF14452BQ1L	
	16			56E					AF16456BQ1L	
1800,2000,2300AV,2300CVA,25A,P3314,P3314 WS,MICRO25,S25D,S25DA,P600,P3416,P4018 WT,PLN3516F,ES350	12	3/8LP	.050	45E		AF12045HBV		AF12045BJ4L	AF12045BQ1L	
	14			52E		AF14052HBV		AF14052BJ4L	AF14052BQ1L	
	16			56E		AF16056HBV		AF16056BJ4L	AF16056BQ1L	
200SERIES,245,375,300SERIES,306,2400,360,361,3700,3800,400SERI ES,400,4200,4400,4500,5200,5400,6700	16	3/8	.050	60E						
	20			70E						
1400E	14	3/8LP	.050	52E						
415,425,445,475,505	13	3/8	.058	52E			DZ13852CY5R			
	13			52E						
	15			56E	DZ15856CY5L	DZ15856HCH	DZ15856CY5R		DZ15856CY3L	
	16			60E	DZ16860CY5L	DZ16860HCH	DZ16860CY5R		DZ16860CY3L	
	17			64E	DZ17864CY5L	DZ17864HCH	DZ17864CY5R			
	18			68E	DZ18868CY5L	DZ18868HCH	DZ18868CY5R		DZ18868CY3L	
	20			72E	DZ20872CY5L	DZ20872HCH	DZ20872CY5R		DZ20872CY3L	
	22			76E			DZ22876CY5R			
	24			84E		DZ24884HCH	DZ24884CY5R			
	26			89E						
	28			92E		DZ28892HCH	DZ28892CY5R			
	30			102E			DZ308102CY5R			
	5500,6000	17	.404	.063	61E		DL17361HEH			
		21			70E					

									
	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3
REMINGTON									
100,200,300,400,500,812,814,816,816AV,840AV,850AV,	10	3/8LP	.050	39E					AS10039BQ1L
	12			44E					AB12044BQ1L
	14			50E				AB14050BJ4L	
	16			56E				AB16056BJ4L	
ROYBI									
PCN 3335,APR02	10	3/8LP	.050	40E					AF10040BQ1L
	12			45E	AF12045BJ3L			AF12045BJ4L	AF12054BQ1L
	14			52E	AF14052BJ3L			AF14052BJ4L	AF14052BQ1L
	16			57E	AF16057BJ3L			AF16057BJ4L	AF16057BQ1L
PCN 4040	16	.325	.058	66E	KN16866DE5L				
	18			72E	KN18872DE5L				
35B,CS36C,CS41,CSE3330,CSE385CB,HC31,HC36,HC41,HCS31,HCS36,CS-1530,CS1535,CS-1540	12	3/8LP	.050	45E					AB12045BQ1L
	14			50E				AB14050BJ4L	
	16			56E				AB16056BJ4L	
CSE5145,CSE5650	16	.325	.058	68E					
	18			72E					
	20			80E					
SABRE									
SABRE31,33,205,3350B,S35	12	3/8LP	.050	48E					AL12048BJ4L
	12			49E					
	14			52E					
	14			53E				AL14053BJ4L	
	16			59E					
SHINDAIWA/SDK/ISEKI									
305AVZ,E305	14	1/4	.050	76E					AF14076AS1L
	16			86E					
P230,P231	8	3/8LP	.043	33E					
	10			39E					AB10439BQ1L
	12			44E					
A0908B,A100C,A102,A103,A104P,A105B,A107,A110,A110P,A113,A113L,A113P,A117P,140,A150B,150E,160,A180,300S,305,340,345,346,350,355,357,360,EYB120,EYB150,EYB180,YB291,YB301,YB391,YB395,YB401,YB491,360,366,377,400,415,416,420,450,451,488,490,500,510,560,580,A180B,511,YB501,YB601,YB701,YB495,YB691,YB377,389S,452S,452GS	12	3/8LP	.050	45E		AF12045HBV		AF12045BJ4L	AF12045BQ1L
	14			52E		AF14052HBV		AF14052BJ4L	AF14052BQ1L
	16			56E		AF16056HBV		AF16056BJ4L	AF16056BQ1L
	16	.325	.050	66E		KF16066HDV			
	18			72E					
	13	.325	.058	56E					
	15			64E					

									
	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3
SHINDAIWA/SDK/ISEKI/..									
550,575,577,680,695,757,757C,598,667,YB801,YB901,YB1091	16			66E					
	18			72E					
	16	3/8	.058	60E	DZ16860CY5L		DZ16860CY5R		
	17			64E					
	18			68E	DZ18868CY5L	DZ18868HCH	DZ18868CY5R		
	20			72E	DZ20872CY5L	DZ20872HCH	DZ20872CY5R		
SKIL®									
1600HE,1601HE,1602HE,1610U,1612U,1616U,1712U	12	3/8LP	.050	45E					
	14			52E					
	16			56E					
1620U,1634U,1636U	12	3/8LP	.050	45E	AF12045BJ3L			AF12045BJ4L	AF12045BQ1L
	14			52E	AF14052BJ3L			AF14052BJ4L	AE14052BQ1L
	16			57E	AF16057BJ3L			AF16057BJ4L	AE16057BQ1L
1630H,1604H	14	3/8LP	.050	52E					
SOLO®									
613	12	3/8LP	.050	45E		AF12045HBV		AF12045BJ4L	AF12045BQ1L
	14			52E		AF14052HBV		AF14052BJ4L	AF14052BQ1L
	16			56E		AF16056HBV		AF16056BJ4L	AF16056BQ1L
636	14	3/8LP	.043	52E					
639,641,644,650,645,647,651,654,656	13	.325	.058	56E	KN13856DS4L		KN13856DS5R		
	14			60E					
	15			64E	KN15864DS4L	KN15864HDH	KN15864DS5R		
	16			66E	KN16866DE4L	KN16866HDH	KN16866DS5R		
	18			72E	KN18872DE4L	KN18872HDH	KN18872DS5R		
662,667,670,680,690,694	13	3/8	.058	52E					
	15			56E					
	16			60E	DZ16860CY5L		DZ16860CY5R		
	17			64E					
	18			68E	DZ18868CY5L	DZ18868HCH	DZ18868CY5R		
	20			72E	DZ20872CY5L	DZ20872HCH	DZ20872CY5R		
	22			76E					
	24			84E		DZ24884HCH	DZ24884CY5R		
603,609,694	28	.404	.063	92E		DZ28892HEH	KN28892ES5R		
SPEAR AND JACKSON									
SPJCS38	16	3/8LP	.050	54E					AB16054BQ1L
SPJ404,SPJC37-40,SPJCS1840,SCS350,GCS400N	16	3/8LP	.050	57E					AF16057BQ1L

									
	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3
STIHL®									
HT70,HT75,HT100,HT101,HTE60,017,019T,MS190,E140,023L,MES140,MSE160,MS170,MSE170,MS171,MSE180,MS181,MSE190,MS191T,MS192,MSE230,MS241,MS251	12	3/8LP	.043	44E					
	14			50E					
009,010,011,018,019,019T,020,020T,021,023,025,E10,E14,E160,E180,MSE200,MS241,MS200T,MS210,MS230,MS250,MS180,MS191,MS170,MS211,MSE140,MS160,MSE170,MSE190,MSE230,MS250,MS180,MS192,MS231,MS201	12	3/8LP	.050	44E		AS12044HBV		AS12044BJ4L	AS12044BQ1L
	14			50E				AS14050BJ4L	AS14050BQ1L
	16			56E				AS16056BJ4L	AS16056BQ1L
024,026,028,MS240,MS260,MS270,MS280	13	.325	.058	56E					
	15	.325	.063	62E	DF15362DE6L				
	16			67E	DF16367CY6L	DF16367HDH	DF16367DE5R		
	18			74E	DF18374CY6L	DF18374HDH	DF18374DE5R		
	20			81E	DF20381CY6L	DF20381HDH			
029,031,032,034,036,038,039,041,042,044,045,046,048,056,064,066,E15,E20,E220,MS290,MS360,MS440,MS460,MS640,MS660,MS880	15	3/8	.063	56E	DF15356CY6L	DF15356HCH			
	16			60E	DF16360CY6L	DF16360HCH	DF16360CY5R		
	18			66E	DF18366CY6L	DF18366HCH	DF18366CY5R		
	20			72E	DF20372CY6L	DF20372HCH			
	22			77E					
	24			84E		DF24384HCH	DF24384CY5R		
070,090	28			91E		DF28391HCH	DF28391CY5R		
	36			114E			DF363114CY5R		
	25	.404	.063	84E		EZ25384HEH			
MS240,E160,E180,10,11,9,E10,019/T,020/T,021/T,023/T,025/T	30			92E		EZ30392HEH			
	36			104E		EZ363104HEH			
	16	.325	.063	62E				AS16362CS4L	
032,034,036,039,MS240,MS260,MS270,MS261,MS271,MS280,MS290,MS360,MS361,MS390,MS200,MS36E	18			68E				AS18368CS4L	
	13	.325	.063	56E	DF13356DE5L			DF13356DS4L	
	15			62E	DF15362DE5L		DF15362DE5R	DF15362DS4L	DF15362DE3L
	16			67E	DF16367DE5L	DF16367HDH	DF16367DE5R	DF16367DS4L	DF16367DE3L
	18			74E	DF18374DE5L	DF18374HDH	DF18374DE5R	DF18374DS4L	DF18374DE3L
07S,08,08S,050,051,075,076,084,088,E30,MS880	20			81E	DF20381DE5L	DF20381HDH		DF20381DS4L	
	14	3/8	.063	58E					
	17			66E		EL17366HCH			
	21			75E		EL21375HCH			
STIGA									
930,935,1400	12	3/8LP	.050	44E					
	12			45E					
	14			50E					AE14050BQ1L

										
	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3	
STRUM										
STRUM GC99374,GC99376,GC99416,CC9920,CC9922	14	3/8LP	.050	52E	AF14052BJ4L			AF14052BJ3L	AE14052BQ1L	
	16			57E	AF16057BJ4L			AF16057BJ3L	AF16057BQ1L	
	18			63E				AF18063BJ3L	AF18063BQ1L	
GC99456,GC99458,GC99466,GC99468,GC99502	16	.325	.058	66E	KN16866DE5L	KN16866HDH	KN16866DE5R	KN16866DS4L		
	18			72E	KN18872DE5L	KN18872HDH	KN18872DE5R	KN18872DS4L		
	20			78E	KN20878DE5L	KN20878HDH	KN20878DE5R			
TALON										
AC2108,AC2109,AC2101,AC2105,AC2111,AC3100	12	3/8LP	.050	45E					AB12045BQ1L	
	14			49E	AB14049BJ4L			AB14049BJ3L	AB14049BQ1L	
	16			55E	AB16055BJ4L			AB16055BJ3L	AB16055BQ1L	
AC3100	12	3/8LP	.050	45E	AN12045BJ4L				AN12045BQ1L	
	14			49E						
	14			52E	AN14052BJ4L				AN14052BQ1L	
	16			54E						
	16			56E	AN16056BJ4L				AN16056BQ1L	
AC3102	16	.325	.050	66E	KN16066DS4L					
	18			72E	KN18072DS4L		KN18072DE5R			
	20			78E	KN20078DS4L					
TANAKA										
290,300,ECS330,ECS360,ECS320,ECS3301,ECS3351	12	3/8LP	.050	45E	AF12045BJ4L			AF12045BJ3L	AF12045BQ1L	
	14			52E	AF14052BJ4L			AF14052BJ3L	AE14052BQ1L	
	16			57E	AF16057BJ4L			AF16057BJ3L	AF16057BQ1L	
ESC4000,ECV-4501	11	.325	.058	52E						
	13			56E				AF13856DS4L		
	14			60E						
	15			64E	AF15864DS4L			AF15864DS4L		
	16			66E	AF16866DS4L			AF16866DS4L		
	16			68E						
	18			72E	AF18872DS4L			AF18872DS4L		
650,ECS506,655	13	3/8	.050	52E						
	16			60E	DS16060CY5L					
	18			64E	DS18064CY5L					
	18			66E						
	20			70E	DS20070CY5L		DS20070CY5R			

										
	Bar Length	Pitch	Gauge	Drive Link	L1	HN	RSN	L2	L3	
TAIGA										
ALL MODELS	17	3/8	.058	64E	DO17864CY5L					
TOPCRAFT										
TKS1,8PRO	16	3/8LP	.050	55E						AB16055BQ1L
VILLAGER										
ELECTRIC-VET 1800,VET 2000	14	3/8LP	.050	53E						AF14053BQ1L
	16			57E						AF16057BQ1L
VGS 12	12	3/8LP	.050	45E						AF12045BQ1L
VGS 16	14	3/8LP	.050	53E						AF14053BQ1L
VGS 20	16	3/8LP	.050	57E						AF16057BQ1L
VGS24,VGS30,VGS33,VGS24P,VGS33P,AGM4600,5200	18	.325	.058	72E					KN18872DS4L	
VGS 43	18	3/8	.058	68E					DZ18868CY3L	
ZENOAH										
GT250-10,GT310-12,GT310-14,G300T,G310TS,G320AVS,G3800AVS-14,G3800AVS-16,G250TS,G3100,G3800,G3300	10	3/8LP	.050	40E						AF10040BQ1L
	12			45E		AF12045HBV			AF12045BJ4L	AF12045BQ1L
	14			52E		AF14052HBV			AF14052BJ4L	AF14052BQ1L
	16			56E		AF16056HBV			AF16056BJ4L	AF16056BQ1L
G380AVS	13	.325	.058	56E						
	15			64E						
	16			66E						
G415AVS-16,GZ4000,GZ4500	15	.325	.050	64E						
	18			72E						
G410AVS,G455AVS,G500AVS,G38,G46,G415AVS,G455AVS,G500AVS,	13	.325	.058	56E	KN13856DS4L					
	14			60E						
	15			64E	KN15864DS4L	KN15864HDH	KN15864DS5R			
	16			66E	KN16866DE4L	KN16866HDH	KN16866DS5R			
	18			72E	KN18872DE4L	KN18872HDH	KN18872DS5R			
	20			78E	KN20878DY4L	KN20878HDH	KN20878DS5R			
	22			86E	KN22886DY4L	KN22886HDH				
G561 AVS,G621AVS	16	.325	.058	66E						
	18			72E	DS18872DE5L					
	20			81E						
G621AVS,G6200,G7700	13	3/8	.058	52E						
	16			60E						
	18			64E	DS18864CY5L					
	20			70E						
	20			72E						

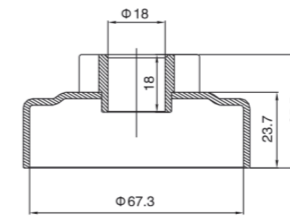


E&S SPROCKET AND RIM

If you are an Arborist or provide any type of tree service, a chainsaw is an integral part of your job, and the drive sprocket plays a key role in the performance of the chainsaw. During use, if you feel the saw jumping, shaking, dragging, or stretching, these signs indicate that the sprocket may need to be replaced. The drive sprocket needs to match the pitch of the saw chain you are using and it should be replaced every 2 to 3 chains. We offer two main types of drive sprockets, one is the "Spur" type, and the other is

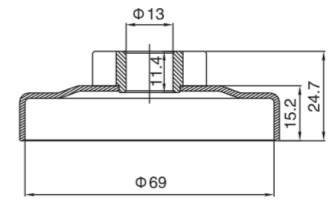
the "Rim" sprocket system. The spur sprocket drives the chain directly from the star teeth of the sprocket itself. These teeth tend to wear out slower than the rims but are more expensive when you come to replace them. The rim sprocket setting means that it is easier and cheaper to be replaced. It wears faster than spur sprockets, but they are cheaper. E&S sprockets are sturdy and durable, and the quality is always reliable.

Spur Sprocket



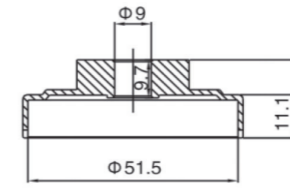
• **SS-S08 (10625)**

Sprocket Type	Specification
Spur Sprocket	.404"-7



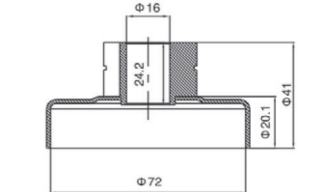
• **SS-S024 (100876X)**

Sprocket Type	Specification
Spur Sprocket	.325"-7



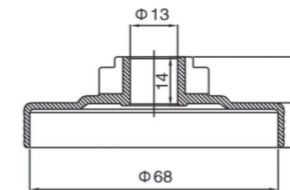
• **SS-2500**

Sprocket Type	Specification
Spur Sprocket	1/4"-8



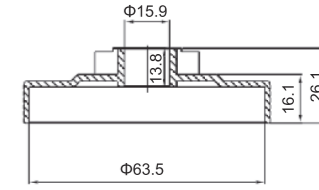
• **SS-S038**

Sprocket Type	Specification
Spur Sprocket	3/8"-7



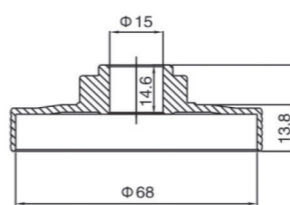
• **SS-3800**

Sprocket Type	Specification
Spur Sprocket	3/8"-6



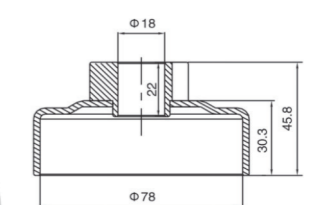
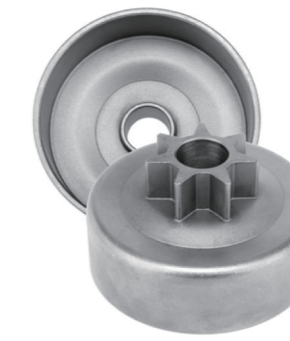
• **SS-H40**

Sprocket Type	Specification
Spur Sprocket	.325"-7



• **SS-4500/5200**

Sprocket Type	Specification
Spur Sprocket	.325"-7



• **SS-S070 (107794)**

Sprocket Type	Specification
Spur Sprocket	.404"-7

Spur Sprocket

• **SS-H137 (106656X)**

Sprocket Type	Specification
Spur Sprocket	.325"-7

• **SS-180-100962**

Sprocket Type	Specification
Spur Sprocket	3/8"-6

• **SS-S066**

Sprocket Type	Specification
Spur Sprocket	3/8"-7

• **SS-H61 (32057)**

Sprocket Type	Specification
Spur Sprocket	3/8"-7

• **SS-S051 (32072)**

Sprocket Type	Specification
Spur Sprocket	.404"-7

Rim Sprocket

• **RS-S08 (35992)**

Sprocket Type	Specification
Rim Sprocket	3/8"-7, .404"-7

• **RS-S024**

Sprocket Type	Specification
Rim Sprocket	.325"-7, 3/8"-7, 1/4"-9

• **RS-S038**

Sprocket Type	Specification
Rim Sprocket	3/8"-7

• **RS-3800**

Sprocket Type	Specification
Rim Sprocket	.325"-7, 3/8"-7

• **RS-E40**

Sprocket Type	Specification
Rim Sprocket	3/8"-6

• **RS-4500/5200**

Sprocket Type	Specification
Rim Sprocket	.325"-7, 3/8"-7

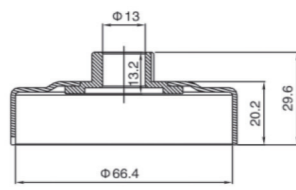
• **RS-S070 (108818X)**

Sprocket Type	Specification
Rim Sprocket	.404"-7

• **RS-H137 (41726X)**

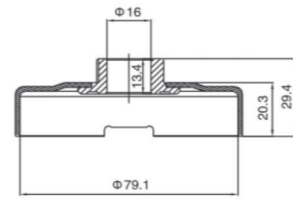
Sprocket Type	Specification
Rim Sprocket	.325"-7, 3/8"-7, 1/4"-9

Rim Sprocket



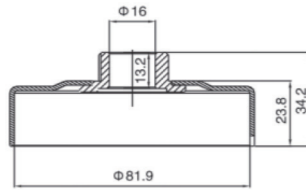
• RS-180-100961

Sprocket Type	Specification
Rim Sprocket	3/8"-7



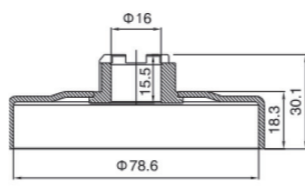
• RS-H365

Sprocket Type	Specification
Rim Sprocket	3/8"-7



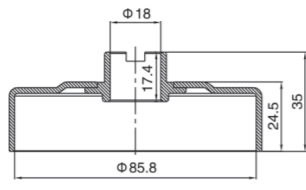
• RS-S066

Sprocket Type	Specification
Rim Sprocket	3/8"-7, .404"-7



• RS-H61

Sprocket Type	Specification
Rim Sprocket	.404"-7, 3/8"-7, 3/8"-8



• RS-S051

Sprocket Type	Specification
Rim Sprocket	.404"-7, 3/8"-7, 3/8"-8

Rim



• ESST375-7

Sprocket Type	Specification	Teeth	Size
Rim	3/8"	7	Standard



• ESSM375-7

Sprocket Type	Specification	Teeth	Size
Rim	3/8"	7	Small



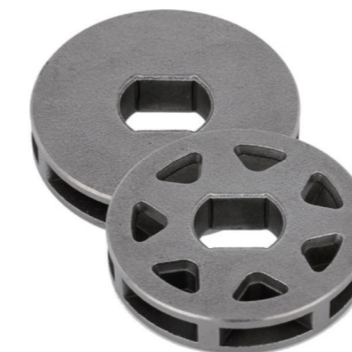
• ESST375-8

Sprocket Type	Specification	Teeth	Size
Rim	3/8"	8	Standard



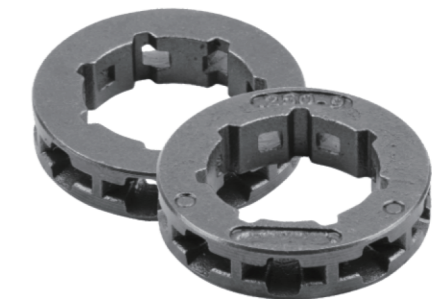
• ESMI325-7

Sprocket Type	Specification	Teeth	Size
Rim	.325"	7	Mini



• ESSM26-7

Sprocket Type	Specification	Teeth	Size
Rim	3/8"	7	Small



• ESSM250-9

Sprocket Type	Specification	Teeth	Size
Rim	1/4"	9	Small

Rim



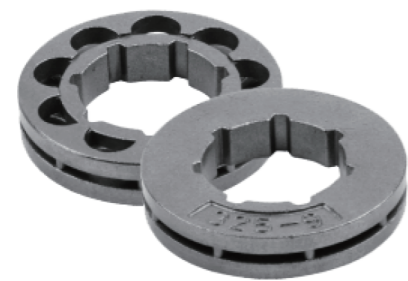
• ESSM325-7

Sprocket Type	Specification	Teeth	Size
Rim	.325"	7	Small



• ESSM325-8

Sprocket Type	Specification	Teeth	Size
Rim	.325"	8	Small



• ESST325-9

Sprocket Type	Specification	Teeth	Size
Rim	.325"	9	Standard



• ESST404-7

Sprocket Type	Specification	Teeth	Size
Rim	.404"	7	Standard



• ESST404-8

Sprocket Type	Specification	Teeth	Size
Rim	.404"	8	Standard



• ESMI375-7

Sprocket Type	Specification	Teeth	Size
Rim	3/8"	7	Mini

Sprocket Models Numbering System



A

375M-6

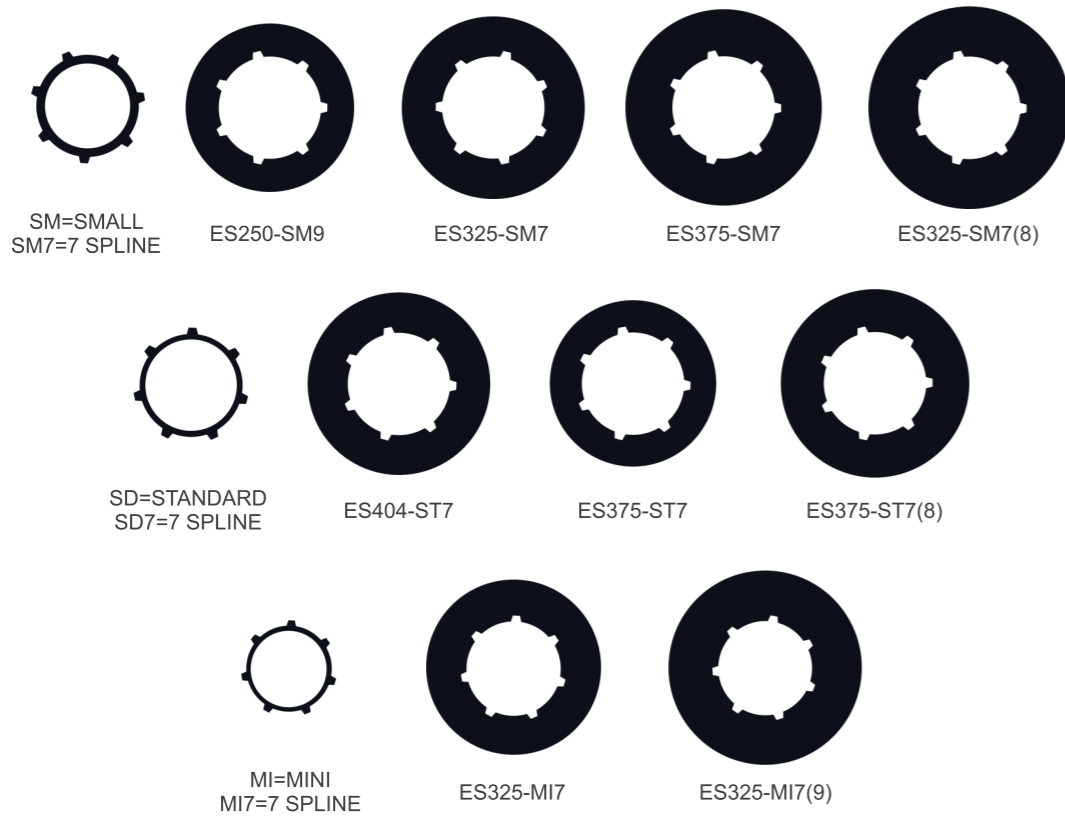
A

G

N

Bar Mount	Bar Length (IN)	Drive Link	Sprocket Nose Kit	Bar Types		
A=CLUTCH DRUM	250-9(SM)=1/4"-9(SMALL)	A=13 B=14 C=15 D=16 E=17 F=18 G=12.7 H=15.9 I=17.45 J=17.6	A=7 B=8 C=8.5 D=9 E=9.09 F=9.2 G=9.5 H=10 I=10.5 J=11 K=11.3 L=12 M=12.2 N=12.5 O=14.5 P=15 Q=16 R=20.5 S=20.7	A=23		
	375-6=3/8LP-6			B=24		
	375-7(SM)=3/8"-7(SMALL)			C=25.5		
	325-7(MI)=.325"-7(MINI)			D=25.9		
	325-8(SM)=.325"-8(SMALL)			E=26		
	325-7(SM)=.325"-7(SMALL)			F=26.7		
	325-9(SD)=.325"-9(STANDARD)			G=26.8		
	375-7(MI)=3/8"-7(MINI)			H=27		
	375-7(SD)=3/8"-7(STANDARD)			I=27.5		
	375-8(SD)=3/8"-8(STANDARD)			J=28		
	404-7(SM)=.404"-7(SMALL)			K=28.5		
	404-7(SD)=.404"-7(STANDARD)			L=29		
	B=RIM SPROCKET SYSTEMS			250-SM9=1/4"-SM9	M=29.38	N=29.5
				325-MI7=.325"-MI7X	O=30	
325-MI7=.325"-MI7		P=31				
325-SM7=.325"-SM7		Q=31.5				
325-SM7=.325"-SM7X		R=31.9				
375-SM7=3/8"-SM7		S=32				
375-SD7=3/8"-SD7		T=35				
375-SD7=3/8"-SD7X		U=35.5				
404-SD7=.404"-SD7		V=41				
		W=41.2				
		X=45.5				
		Y=45.8				
		Z=23.5				
		a=21				
	b=26.5					

Technical Parameter



REPLACEMENT RIM SPROCKET REFERENCE CHART

ES Part No.	Pitch	Tooth	Spline Size	GB Part No.	Oregon Part No.
ES375-SD7	3/8"	7	STD.	GBA7L7	68210
ES375-SD8	3/8"	8	STD.	GBA8L7	22273
ES375-SM7	3/8"	7	SMALL	GBA7S7	18720
ES404-SD7	.404"	7	STD.	GBB7L7	22270
ES325-SM8	.325"	8	SMALL	GBJ8S7	11891
ES325-SM7	.325"	7	SMALL	GBJ7S7	11892
ES325-M17	.325"	7	MINI	GBJ7M7	N/A
ES375-M17	3/8"	7	MINI	GBA7M7	N/A
ES404-SD8	404"	8	STD.	GBB8L7	13313
ES325-SD9	.325"	9	STD.	GBJ9L7	N/A
ES250-SM9	1/4"	9	SMALL	GBK9S7	N/A
ES	375	SD	7		
RIM TYPE	PITCH	SPLINE SIZE	TOOTH		
ES	375=3/8"	MI=MINI	7		
	325=.325"	SM=SMALL	8		
	404=.404"	SD=STANDARD	9		
	250=1/4"				

Chainsaw Model No.	Pitch	Tooth	Sprocket No.		Spline	Centre Drive No.	
			Consumer	Pro		Rim	Sprocket
ALPINA							
450	.325"	7			SM7	ES325-SM7	
P360,P390,370,P34	3/8"LP	6	A375-6KAa				
DOLMAR®							
290E			A375-6KDH				
109,110,111,115,PS5105	3/8"	7			SM7	ES375-SM7	
115I	.325"	7			SM7	ES325-SM7	
115I,115IH	3/8"	7			SM7	ES375-SM7	
PS6000I,PS6800I	3/8"	7			SD7	ES375-SD7	
PS9000,PS9010	3/8"	7			SD7	ES375-SD7	
112,113,114,116,117,119,120,116SI,120SI	3/8"	7			SD7	ES375-SD7	
152,153,166	3/8"	7			SD7	ES404-SD7	
ECHO®							
CS1001,CS-900	.404"	7			SD7	ES404-SD7	
CS400,CS440,CS3600,CS3900,CS4510,CS4600,CS4400	.325"	7			SM7	ES404-SD7	
	3/8"	7			SM7	ES375M-SM7	
CS4000,CS4500,CS4600,CS5000,CS5500	.325"	7			SM7	ES325-SM7	
CS3000,CS3350,CS3400,CS3450,CS300,305,340,341,345,346	3/8"	6					
CS605,CS60,CS60S	3/8"	7	A375-7NHO		SD7	ES375-SD7	
CS602VL,CS702VL,CS750VL	3/8"	7			SD7	ES375-SD7	
CS650,CS660	3/8"	7			SD7	ES375-SD7	
CS510,CS550,CS610,CS451VL,CS452VL,CS500VL	3/8"	7			SM7	ES375M-SM7	
F3335,F35VIP,FB35	3/8"LP	6	A375M-6JDH				
CS-300,CS-301,CS-305T,CS-306T,CS-340,CS-355T,CS-360T	1/4"	9			SM9	ES250-SM9	
EFCO®							
131,MT350,MT3500	3/8"LP	6	A375-6JHH				
MT7200,MT8200	3/8"	7			SD7	ES375-SD7	B375-7MER
152,156,165	.325"	7			SM7	ES325-SM7	B325-7LLK
HOMELITE®							
7-19	3/8"LP	6	A375-6PBPE				
20,23,27	3/8"LP	6	A375-6PBPE				
	.325"	7	A325-7PCE				
240,250	.325"	7			SM7	ES325-SM7	
	3/8"				SM7	ES375M-SM7	
330,360,410	3/8"	7			SD7	ES375-SD7	
450,245	3/8"	7			SD7	ES375-SD7	
2500	3/8"LP	6	A375-6PBPE				
2700,3300,3350,3800,3816,3850,4550	.325"	7	A325-7PCE				

Chainsaw Model No.	Pitch	Tooth	Sprocket No.		Spline	Centre Drive No.	
			Consumer	Pro		Rim	Sprocket
			150AO,350(2-5/8"CLUTCH),350HG(2-5/8"CLUTCH),350SL(2-5/8"CLUTCH)	3/8"		7	
350,350HG,350SL(3"CLUTCH)							
35SL							
600D,700D,707D,770D,775D,C5,C7,C9,C51,C71,C72,C91	3/8"LP	6	A375-6PBE				
EZ/ES 250 AO/EZ AUTO	3/8"	7			SD7	ES375-SD7	
i350b,i4150b,i4550b,i4550b,PS-33	3/8"LP	6	A375-6PBE				
	.325"	7	A325-7PCE				
SEZ AO	3/8"	7			SD7	ES375-SD7	
SUPERZIP	3/8"LP	6	A375-6PBE				
SUPER XL AUTO/SUPER XL925(WITH 6-SHOE CLUTCH)	3/8"	7			SD7	ES375-SD7	
SXL MINI AO	3/8"	7			SD7	ES375-SD7	
SXP1020	3/8"LP	6	A375-6PBE				
UT10901,UT10910,UT10926	3/8"LP	6	A375-6PBE				
	.325"	7	A325-7PCE				
VI 125	3/8"	7			SD7	ES375-SD7	
VI944,VI955	3/8"	7			SD7	ES375-SD7	
XL-12,XL 76,XL 101,XL AUTO,XL MINI,XLMINO AO	3/8"	7			SD7	ES375-SD7	
XP1000,XP1020,XP1100,ZIP	3/8"LP	6	A375-6PBE				
HUSQVARNA							
33,34,35	1/4"	9			SM9	ES250-SM9	
	1/4"	9			SM9	ES250-SM9	
36	.325"	7	A325-7JDH		SM7	ES325-SM7	B325-7JDH
37,38	1/4"	9			SM9	ES250-SM9	
39	.325"	7			SM7	ES325-SM7	
40	.325"	7			SM7	ES325-SM7	B325-7QIF
41	.325"	7	A325-7JDH		SM7	ES325-SM7	B325-7JDH
45,49	.325"	7			SM7	ES325-SM7	B325-7QIF
50	.325"	7			SM7	ES325-SM7	B325-7QFE
61(AFTER S/N 0510572)	3/8"	7			SD7	ES375-SD7	B375-7QNQ
61(BEFORE S/N 0510572)	3/8"	7			SD7	ES375-SD7	
77	3/8"	7			SD7	ES375-SD7	
133	.325"	7			SM7	ES325-SM7	
	1/4"	9			SM9	ES250-SM9	
136	.325"	7	A325-7JDH		SM7	ES325-SM7	B325-7JDH
140	.325"	7			SM7	ES325-SM7	
	.325"	7			SM7	ES325-SM7	B325-7QFE
154	3/8"	7			SD7	ES375-SD7	
160,162,163	3/8"	7			SD7	ES375-SD7	
181	3/8"	7	A375--7(SD)JQU		SD7	ES375-SD7	

Chainsaw Model No.	Pitch	Tooth	Sprocket No.		Spline	Centre Drive No.	
			Consumer	Pro		Rim	Sprocket
			185	.404"		7	
235E	.325"	7	A325-7JDH		SM7	ES325-SM7	B325-7JDH
240E	1/4"	9			SM9	ES250-SM9	
	.325"	7	A325-7JDH		SM7	ES325-SM7	B325-7JDH
254(BEFORE S/N 345-1001)	.325"	7			SM7	ES325-SM7	B325-7QFE
262XP(BEFORE S/N 345-1001)	.325"	7			SM7	ES325-SM7	B325-7QFE
281	3/8"	7		A375--7(SD)JQU	SD7	ES375-SD7	
285,288,298	.404"	7			SD7	ES404-SD7	B404-7RQT
340E,345,345E	.325"	7	A325-7QJb		SM7	ES325-SM7	B325-7QGE
346,346XP,346XPG	.325"	7			SM7	ES325-SM7	B325-7QGE
	1/4"	9			SM9	ES250-SM9	
350,351	.325"	7	A325-7QJb		SM7	ES325-SM7	B325-7QGE
353,353E-TECH	.325"	7			SM7	ES325-SM7	B325-7QGE
355,355EPA	.325"	7	A325-7QJb		SM7	ES325-SM7	B325-7QGE
357,357EPA	.325"	7			SM7	ES325-SM7	B325-7QGE
362,365,371,372,372XP,372XPG	3/8"	7			SD7	ES375-SD7	B375-7MDL
	3/8"	7		A375--7(SD)JQU	SD7	ES375-SD7	
394,394XP,395,395XP,395XPG,395XPW	.404"	7			SD7	ES404-SD7	B404-7RQT
	1/4"	9			SM9	ES250-SM9	
445,445E,450,450E,450 RANCHER	.325"	7	A325-7QJb		SM7	ES325-SM7	B325-7QGE
1100,2100,2101	3/8"	7		A375--7(SD)JQU	SD7	ES375-SD7	
3120XP,JUNGLE 3120	.404"	7			SD7	ES404-SD7	
L-65	3/8"	7			SD7	ES375-SD7	
JONSERED							
36	3/8"LP	6	A375-6JDH				
361,365,370	3/8"LP	6	A375-6JDH				
410,420,425,435	.325"	7			SM7	ES325-SM7	B325-7QIF
625(AFTER S/N 0510123)	3/8"	7			SD7	ES375-SD7	B375-7QNQ
630(AFTER S/N 0510000)	3/8"	7			SD7	ES375-SD7	B375-7QNQ
630 SUPER(AFTER S/N 0510000)	3/8"	7			SD7	ES375-SD7	B375-7QNQ
630 WEST COAST(AFTER S/N 0510000)	3/8"	7			SD7	ES375-SD7	B375-7QNQ
670(AFTER S/N 0510153)	3/8"	7			SD7	ES375-SD7	B375-7QNQ
2035,2036,2040	.325"	7	A325-7JDH		SM7	ES325-SM7	B325-7JDH
2095	3/8"	7			SD7	ES375-SD7	B375-7RQT
CS2141,CS2145,CS2150,CS2152,CS2153	.325"	7	A325-7QJb		SM7	ES325-SM7	B325-7QGE
CS2156,CS2159	.325"	7			SM7	ES325-SM7	B325-7QGE
CS2165,CS2166,CS2171,CS2172	3/8"	7				ES375-SD7	
MCCULLOCH							
120,2000-2016,2316,2318,3000,3200,3210-3216,3505,3805,3818,3000,3200,3210-3216,3505,3805,3818,365	3/8"LP	6	A375-6KDE				

Chainsaw Model No.	Pitch	Tooth	Sprocket No.		Spline	Centre Drive No.	
			Consumer	Pro		Rim	Sprocket
PARTNER							
1612,1613,1614,1616,1618,22,MINIP3,P,P2,PA,350,330	3/8"LP	6	A375-6JDH				
350,365,405	.325"	7	A325-7JDH		SM7	ES325-SM7	B325-7JDH
	3/8"	7			SD7	ES375-SD7	B375-7MDL
400,P500,P5000,P545,P5100	.325"	7			SM7	ES325-SM7	B325-7QFE
PIONEER							
P-12	3/8"LP	6	A375-6JDH				
POULAN&POULAN PRO							
210,221,1950,2055,230,260,2050,2075,2150,2175,2250,2450,2550	3/8"LP	6	A375-6JHH				
	.325"	7	A325-7JDH		SM7	ES325-SM7	B325-7JDH
255,2600,2500,2750,2900,3050,P600,PP295,PP210,2150	3/8"	7			SD7	ES375-SD7	B375-7MDL
	.325"	7			SM7	ES325-SM7	B325-7QFE
325	.325"	7			SM7	ES325-SM7	B325-7QFE
REDMAX-ZENOAH							
G300T,G300TS,G3000AV/AVS,G3100TS	3/8"LP	6	A375-6JCE				
G561AVS,G621AVS,GT556	3/8"	7			SM7	ES375M-SM7	B325-7KFB
SEARS							
41554,41556,41558	3/8"LP	6	A375-6KDE				
351062,351142,351161,351181,352161,352180	3/8"LP	6	A375-6JHH				
SNAPPER							
S1634,S1838	3/8"LP	6	A375-6JHH				
RYOBI							
3516	3/8"LP	6	A375-6KDE				
PNC3335	3/8"LP	6	A375-6PBE				
RFS4518	.325"	7			SM7	ES325-SM7	B325-7QFE
STIHL							
009,009Q,010,010AVEQ,010AVQ,011AVEQ,110AV	3/8"LP	6	A375-6JDZ				
	.325"	7	A325-7JCJ		SM7	ES325-SM7	B375-7JGN
017,018,021,023,025,MS170,MS180,MS210,MS230,MS250,019,MS250C,MS190	3/8"LP	6	A375-6JGN				
	1/4"	9			SM9	ES250-SM9	
029,034,036,039,MS290,MS360,MS390,034SUPER,MS310	.325"	7	A375-7JGP		SM7	ES325-SM7	
	3/8"	7			SM7	ES375M-SM7	B375-7JBP
038	3/8"	7	A375-7MRV		SD7	ES375-SD7	B375-7MGS
070,070AV,CONTRA, SUPERCONTRA	.404"	7	A404-7OOX		SD7	ES404-SD7	B404-7OPY
ZENOAH							
G300,G310,G320,G280,G2500T,G3200T,GZ3500T	3/8"LP	6	A375-6JCE				
620,621,G561	.325"	7			SM7	ES325-SM7	B325-7KFB
560	3/8"	7			SM7	ES375M-SM7	B325-7KFB



E&S HARVESTER PRODUCTS

As a professional manufacturer of accessories for harvesting equipment, we produce a wide range of wood harvesting products, including harvester bars, harvester chains, and harvester drive sprockets. All our products are suitable for the most demanding environments. Customers can check the below details to get complete information about all our timber harvesting products. Customized German steel materials, improved rivet materials, and exquisite manufacturing techniques minimize stretching and wear. Special cutters make it an aggressively high-performance chain. The wider butter gullet can achieve maximum cutting efficiency and chip removal ability, allowing you to complete heavy projects easily and quickly.



ES80HV

.404"

Harvester Chain



Description:

This is a high-performance saw chain, suitable for professional applications with thicker and larger components, designed to increase the strength and durability of mechanical harvesting.

Details:

- ✓ Pitch: .404" Gauge: .080".
- ✓ The cutter stays sharp for longer and cuts faster under dirty and grit-cutting conditions.
- ✓ Chromium provides a harder surface and better wear resistance.

Minimum Speed	Recommended Speed	Maximum Speed
3,000 ft./min.	/	8,000 ft./min.
15 m/sec.	/	40m/sec.

ES11BHV

3/4"

Harvester Chain



Description:

With its large 3/4" pitch .122" gauge, this chain is originally designed for massive mechanical applications. It has improved additional advantages of rivet material to reduce stretching in mechanical cutting, classic chipper style tool provides excellent cutting performance and heavyweight durability. Without a doubt, this chain is ideal for high-performance tasks.

Details:

- ✓ Pitch: 3/4" Gauge: .122"
- ✓ A larger cutter can obtain a greater amount of bite from the hardest wood.
- ✓ Advanced chrome plating process, prolonged sharpness, and high performance.
- ✓ The chipping cutter has a completely round working angle and side plate, which can achieve a large bite, easy to sharpen and maintain the durability of the edge.
- ✓ Tested and validated chassis can provide excellent strength and outstanding durability.

Minimum Speed	Recommended Speed	Maximum Speed
1,500 ft./min.	6,000 ft./min.	7,000 ft./min.
8 m/sec.	30 m/sec.	35 m/sec.



HARVESTER GUIDE BAR

Our harvester bars are made of special high-quality alloy steel and are precisely cut using a laser cutting system, which makes our products have the advantages of high performance and durability. E&S continues to meet the changing needs of today's high-volume mechanical harvesters through extensive field testing, strict multi-stage quality control, and advanced technology manufacturing process. We consistently manufacture high-tech harvester bars that perfectly meet the chains for best performance. We provide customers with bar manufacturing services and create solutions for their unique production needs.

Harvester Guide Bar Models Numbering System



L3

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E11

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HR

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Bar Mount	Bar Length (IN)	Gauge	Pitch/Tooth Count	Nose Rivet	Bar Types	Drive Link
0.404"		CM				
B1=B149 N1=N104	42 74		E9=0.404"-9T			
B2=B163 N2=N114	48 75		E10=0.404"-10T			
D1=D104 Q1=Q003	54 80		E11=0.404"-11T			
D2=D149 Q2=Q104	55 82		E12=0.404"-12T			
Y1=Y104 Q3=Q149	59 88		E13=0.404"-13T			
L1=L003 Q4=Q163	60 90		E14=0.404"-14T			
L2=L104 Q5=Q114	64 97		E15=0.404"-15T			
L3=L114 P1=P149	65 100		E16=0.404"-16T			
L4=L148 P2=P163	67 113		E17=0.404"-17T			
L5=L149 R1=R104	73		E18=0.404"-18T			
L6=L163 R2=R114						
L7=L172 R3=R149						
L8=L205 S1=S149						
M1=M104 S2=S163						
M2=M226						
3/4"		INCH				
C1=C159 T11=T168	18 42	1=.080" 2=.122"		6= 	HV=HARVESTER BAR HR=HARVESTER RSN BAR	75=75DL
C2=C211 T12=T177	23 43					
F1=F212 T13=T190	24 44					
G1=G138 T14=T208	26 45					
J1=J138 T15=T210	27 48					
J2=J211 T16=T217	28 50					
K1=K177 T17=T219	29 51					
K2=K187 T18=T221	30 52					
K3=K205 T19=T222	31 55					
K4=K225 T20=T223	32 58					
P3=P155 T21=T224	33 59					
P4=P207 T22=T225	34 60					
T1=T043 T23=T227	35 61					
T2=T130 T24=T229	36 64					
T3=T132 T25=T230	37 65					
T4=T133 V1=V127	38 66					
T5=T138 A1=9135	39 74					
T6=T145 A2=9136	40 77					
T7=T146 A3=9155	41 96					
T8=T151 A4=9164						
T9=T152 A5=9191						
T10=T161 H1=H175						

Description:

This harvester bar is designed with an easy installation configuration, suitable for most mechanical harvesting equipment, highly durable, bending reduction, and longer operating time of the operator.

Details:

- ✓ It is ideal for the most demanding professional harvesting tasks.
- ✓ High-grade materials and hardened bar rails make it sturdy and durable.



90CM BAR LENGTH

L3901E126HV99

HARVESTER GUIDE BAR

Description:

The harvester replaceable sprocket nose bar provides excellent performance for high-speed mechanical harvesting conditions.

Details:

- ✓ Pitch: .404" Gauge: .080".
- ✓ Sturdy harvester bar with fast and easy-to-replace head assembly.
- ✓ The sprocket nose of the harvester bar can be replaced, making the bar high performance and high durability.



75CM BAR LENGTH

L3751E126HR85

HARVESTER RSN GUIDE BAR

Description:

The harvester replaceable sprocket nose bar provides excellent performance for high-speed mechanical harvesting conditions.

Details:

- ✓ Pitch: 3/4" Gauge: .122"
- ✓ Sturdy harvester bar with fast and easy-to-replace head assembly.
- ✓ The sprocket nose of the harvester bar can be replaced, making the bar high performance and high durability.



28" BAR LENGTH

T17282F126HR45

HARVESTER RSN GUIDE BAR

Description:

The stump spray guide bar is created to sterilize the stump when cutting. Left spray or right spray, different types are available for you to choose from.

Details:

- ✓ Pitch: .404" Gauge: .080".
- ✓ Sturdy harvester bar with fast and easy-to-replace head assembly.
- ✓ The sprocket nose of the harvester bar can be replaced, making the bar high performance and high durability.



59CM BAR LENGTH

L3591E126HR70-S

HARVESTER SPRAY GUIDE BAR

Description:

The stump spray guide bar is created to sterilize the stump when cutting. Left spray or right spray, different types are available for you to choose from.

Details:

- ✓ Pitch: 3/4" Gauge: .122"
- ✓ Sturdy harvester bar with fast and easy-to-replace head assembly.
- ✓ The sprocket nose of the harvester bar can be replaced, making the bar high performance and high durability



38" BAR LENGTH

T18382F96HR61-S

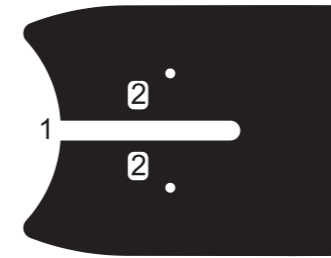
HARVESTER SPRAY GUIDE BAR



Bar Mount (.404")

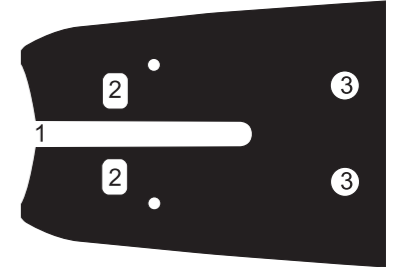
D1/D104

- ⊙ 16, 17, 18
- ① .399" x 3.338"
10 x 84,8 mm
- ② .404" x .555"
10,3 x 14,1 mm



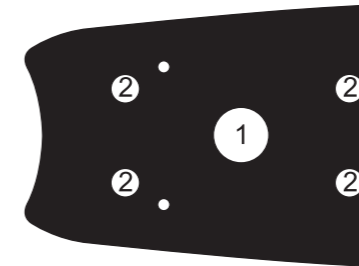
L4/L148

- ⊙ 11, 12
- ① .399" x 3.338"
10 x 84,8 mm
- ② .404" x .555"
10,3 x 14,1 mm
- ③ .435"
11 mm



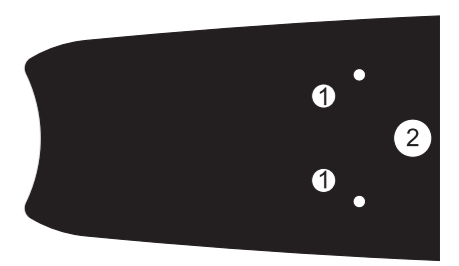
L1/L003

- ⊙ 11, 12
- ① .875"
22,2 mm
- ② .448"
11,4 mm



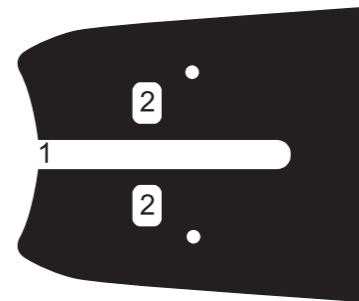
L8/L205

- ⊙ 11, 12
- ① .410"
10,4 mm
- ② .645"
16,4 mm



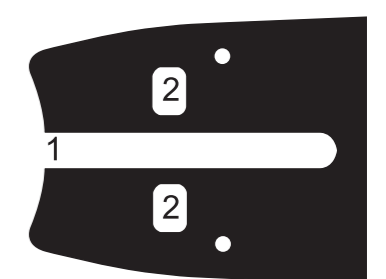
R1/L104

- ⊙ 11, 12
- ① .399" x 3.338"
10 x 84,8 mm
- ② .404" x .555"
10,3 x 14,1 mm



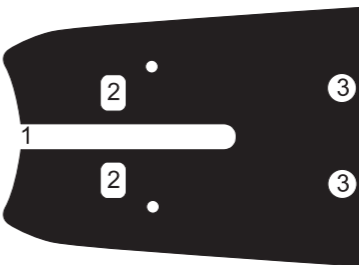
M1/M104

- ⊙ 9, 10
- ① .399" x 3.338"
10 x 84,8 mm
- ② .404" x .555"
10,3 x 14,1 mm



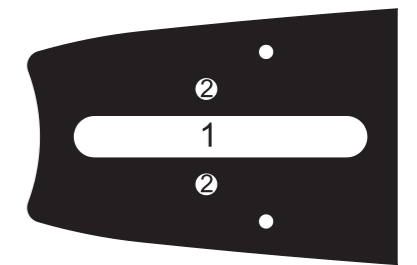
L3/L114

- ⊙ 11, 12
- ① .399" x 3.338"
10 x 84,8 mm
- ② .404" x .555"
10,3 x 14,1 mm
- ③ .435"
11 mm



M2/M226

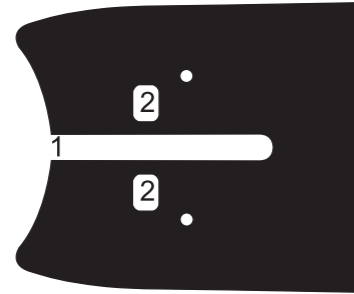
- ⊙ 9, 10
- ① .575" x 3.914"
14,6 x 99,4 mm
- ② .311"
7,9 mm



Bar Mount (.404")

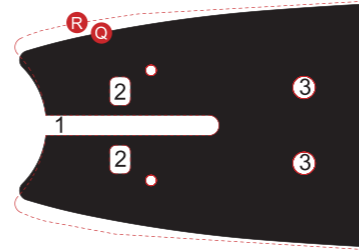
N1/N104

- 14, 15
- 1 .399" x 3.338"
10 x 84,8 mm
- 2 .404" x .555"
10,3 x 14,1 mm



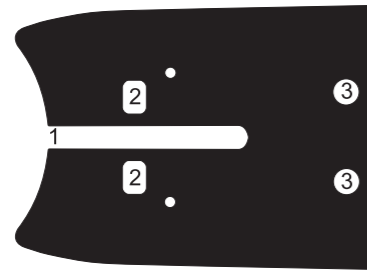
Q5/Q114 | R2/R114

- Q: 12, 13
R: 14, 15
- 1 .399" x 3.338"
10 x 84,8 mm
- 2 .404" x .555"
10,3 x 14,1 mm
- 3 .435"
11 mm



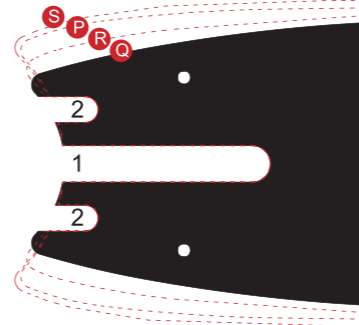
N2/N114

- 14, 15
- 1 .399" x 3.338"
10 x 84,8 mm
- 2 .404" x .555"
10,3 x 14,1 mm
- 3 .435"
11 mm



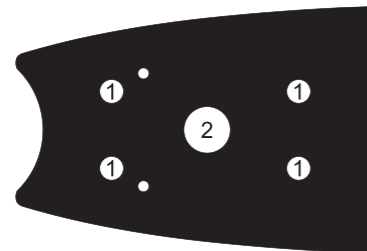
Q4/Q63 | P2/P63 | S2/S63

- Q: 12, 13
R: 14, 15
P: 15, 16
S: 17, 18
- 1 .586" x 3.288"
14,9 x 83,5 mm
- 2 .413" x .542"
10,5 x 13,8 mm



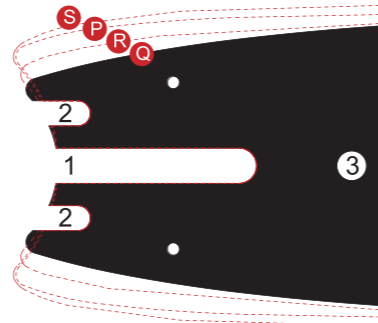
Q1/Q003

- 12, 13
- 1 .875"
22,2 mm
- 2 .448"
11,4 mm



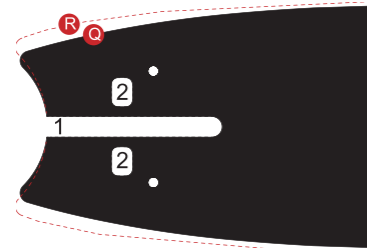
Q3/Q149 | R3/R149 | P1/P149 | S1/S149

- Q: 12, 13
R: 14, 15
P: 15, 16
S: 17, 18
- 1 .586" x 3.288"
14,9 x 83,5 mm
- 2 .413" x .542"
10,5 x 13,8 mm
- 3 .492"
12,5 mm



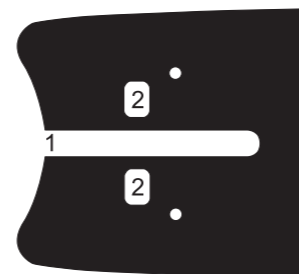
Q2/Q104 | R1/R104

- Q: 12, 13
R: 14, 15
- 1 .399" x 3.338"
10 x 84,8 mm
- 2 .404" x .555"
10,3 x 14,1 mm



Y1/Y104

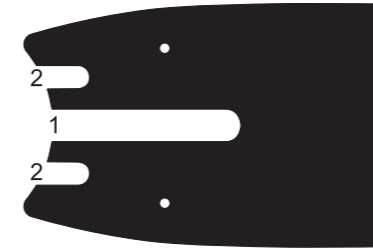
- 13
- 1 .399" x 3.338"
10 x 84,8 mm
- 2 .404" x .555"
10,3 x 14,1 mm



Bar Mount (.404")

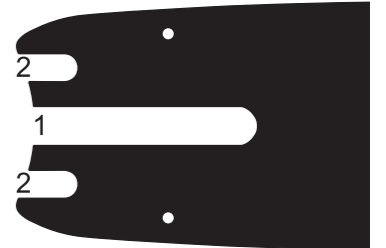
B2/B163

- 13, 14
- 1 586" x 3.288"
14,9 x 83,5 mm
- 2 .413" x .542"
10,5 x 13,8 mm



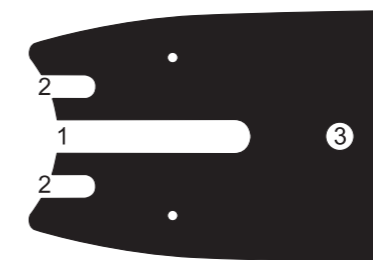
L6/L163

- 11, 12
- 1 586" x 3.288"
14,9 x 83,5 mm
- 2 .413" x .542"
10,5 x 13,8 mm



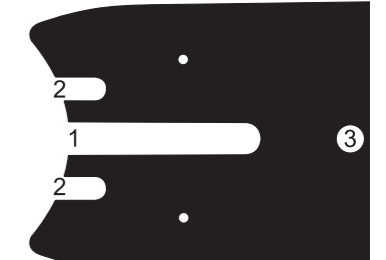
B1/B149

- 13, 14
- 1 586" x 3.288"
14,9 x 83,5 mm
- 2 .413" x .542"
10,5 x 13,8 mm
- 3 .492"
12,5 mm



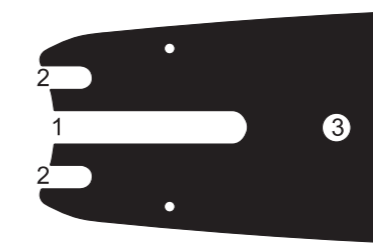
D2/D149

- 16, 17, 18
- 1 586" x 3.288"
14,9 x 83,5 mm
- 2 .413" x .542"
10,5 x 13,8 mm
- 3 .492"
12,5 mm



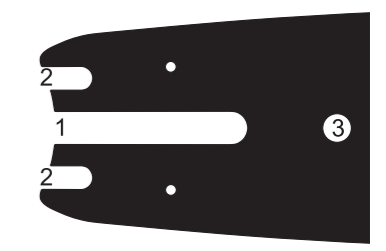
L5/L149

- 11, 12
- 1 586" x 3.288"
14,9 x 83,5 mm
- 2 .413" x .542"
10,5 x 13,8 mm
- 3 .492"
12,5 mm



L7/L172

- 11, 12
- 1 586" x 3.288"
14,9 x 83,5 mm
- 2 .413" x .542"
10,5 x 13,8 mm
- 3 .492"
12,5 mm

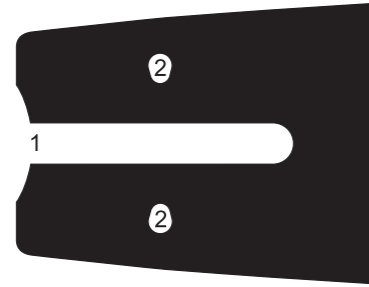


Bar Mount (3/4")

C1/C159

7, 8

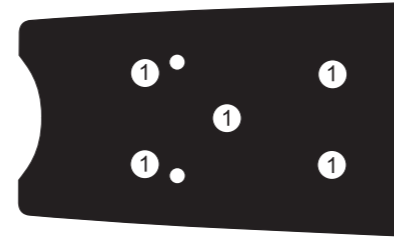
- ① .635" x 4.052"
16,1 x 102,9 mm
- ② .151" x .466"
3,8 x 11,8 mm



J1/J134

8

- ① .562"
14,3 mm

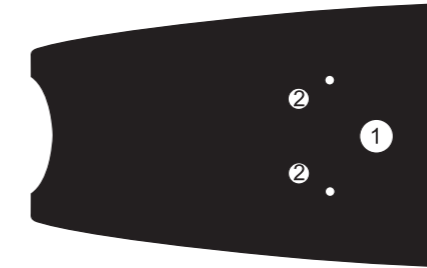


Bar Mount (3/4")

K3/K205

7, 8

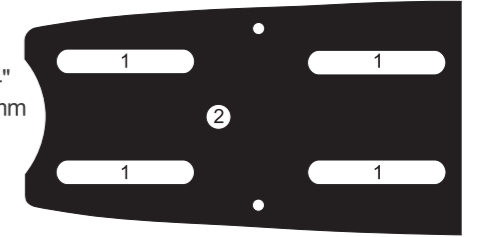
- ① .645"
16,4 mm
- ② .410"
10,4 mm



T3/T132

9, 10

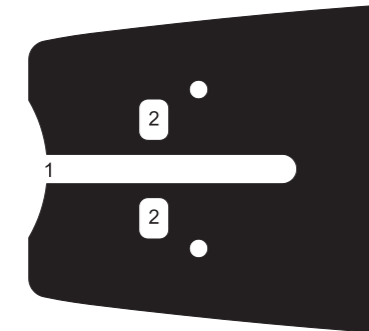
- ① .531" x 3.064"
13,5 x 77,8 mm
- ② .562"
14,3 mm



C2/C211

7, 8

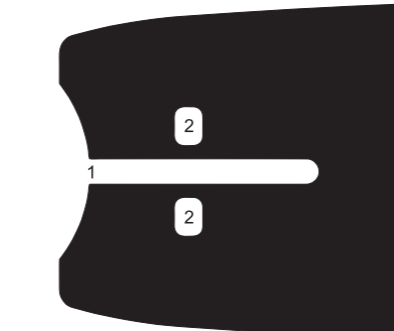
- ① .394" x 3.338"
10,0 x 84,8 mm
- ② .404" x .555"
10,3 x 14,1 mm



J2/J211

8

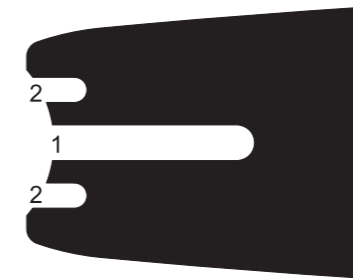
- ① .394" x 3.338"
10,0 x 84,8 mm
- ② .404" x .555"
10,3 x 14,1 mm



K4/K225

7, 8

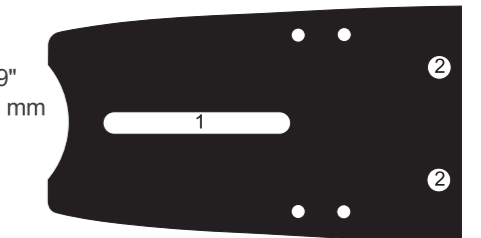
- ① .586" x 3.288"
14,9 x 83,5 mm
- ② .413" x .542"
10,5 x 13,8 mm



T4/T133

9, 10

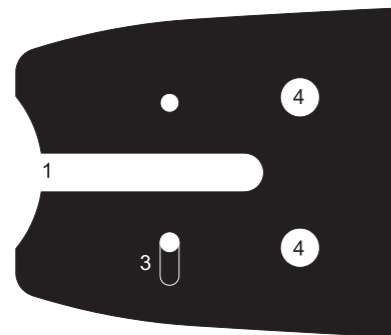
- ① .515" x 4.129"
13,1 x 104,9 mm
- ② .515"
13,1 mm



F1/F212

8, 9

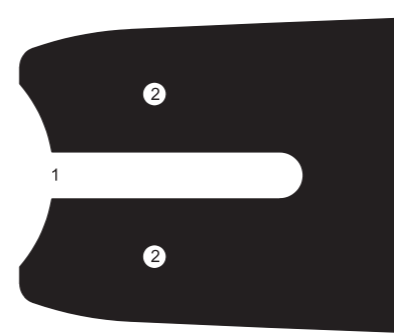
- ① .640" x 3.640"
16,2 x 62,4 mm
- ② .313"
7,9 mm
- ③ .313" x .867"
7,9 x 22,0 mm
- ④ .648"
16,4 mm



K1/K177

7, 8

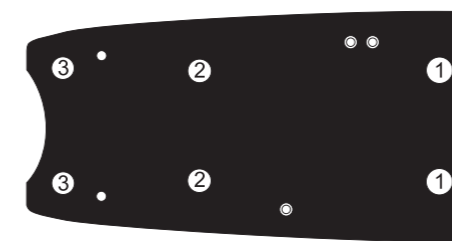
- ① .625" x 3.250"
15,9 x 82,6 mm
- ② .306"
7,8 mm



T1/T043

9, 10

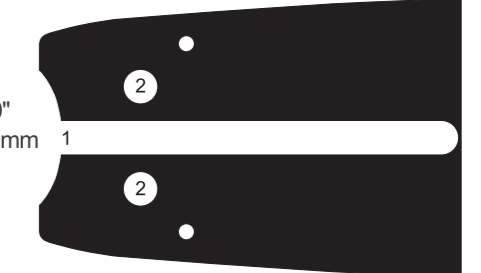
- ① .609"
15,5 mm
- ② .562"
14,3 mm
- ③ .531"
13,5 mm



T5/T138

9, 10

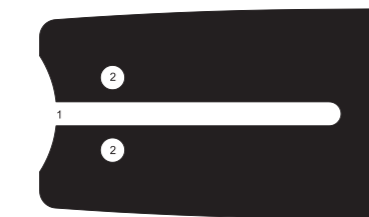
- ① .635" x 7.410"
16,1 x 188,2 mm
- ② .650"
16,5 mm



G1/G138

11

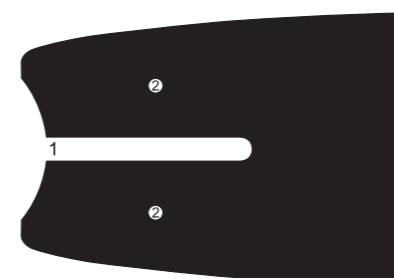
- ① .635" x 7.410"
16,1 x 188,2 mm
- ② .650"
16,5 mm



K2/K187

7, 8

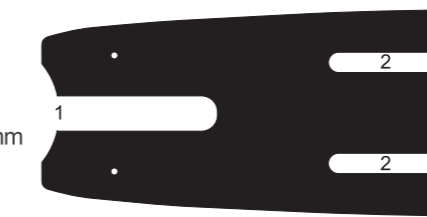
- ① .375" x 2.966"
9,5 x 75,3 mm
- ② .250"
6,4 mm



T2/T130

9, 10

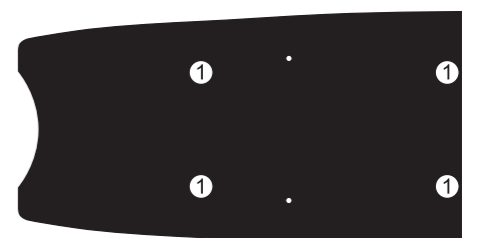
- ① .875" x 4.054"
22,2 x 103,0 mm
- ② .531" x 3.000"
13,5 x 76,2 mm



T6/T145

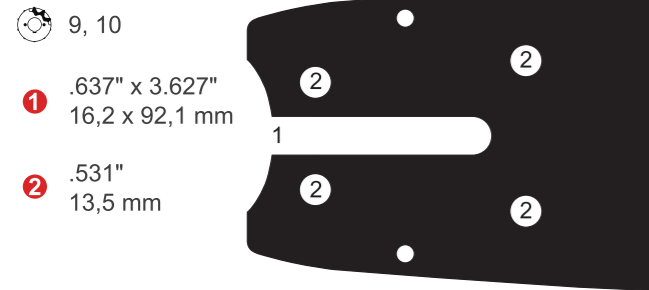
9, 10

- ① .570"
14,5 mm

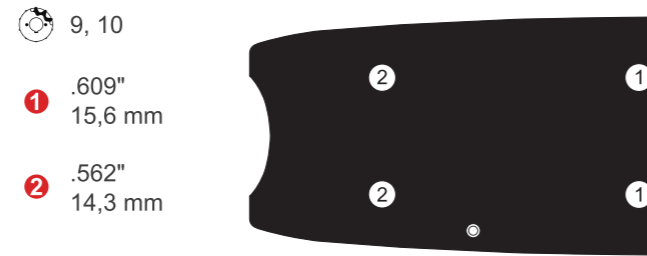


Bar Mount (3/4")

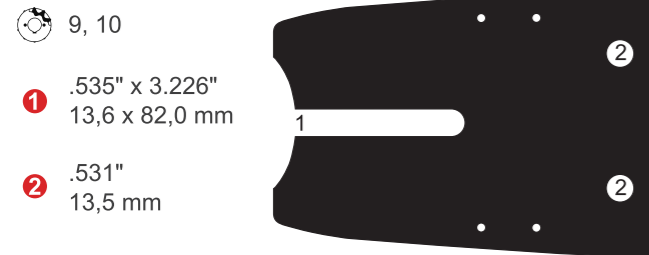
T7/T146



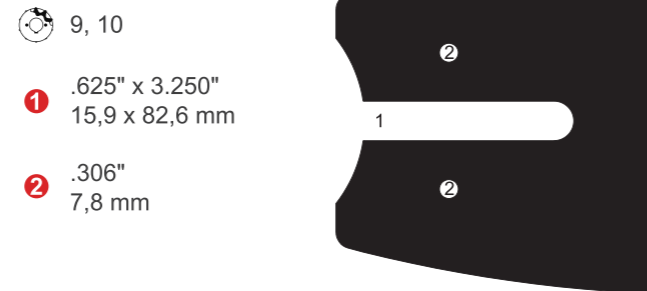
T11/T168



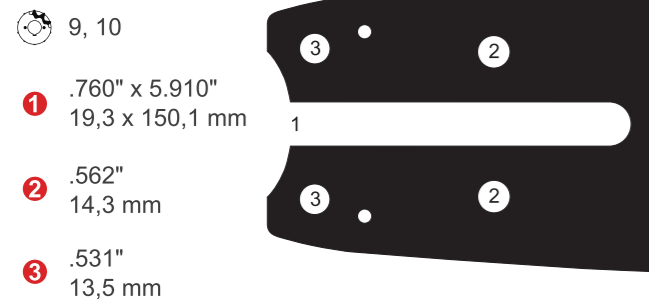
T8/T151



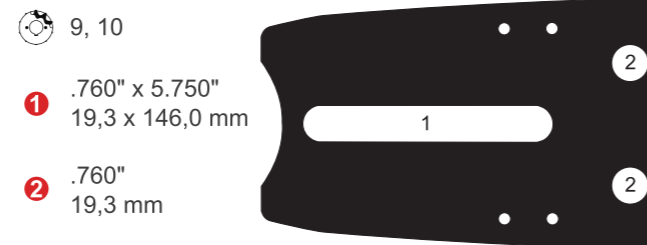
T12/T177



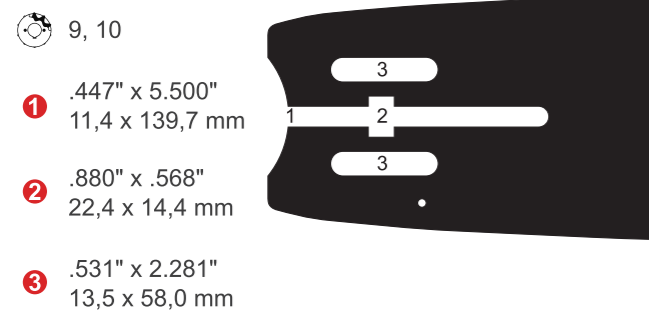
T9/T152



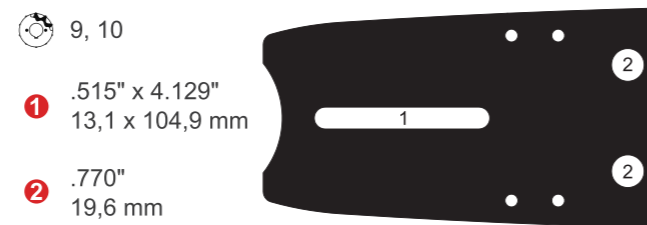
T13/T190



T10/T161



T14/T208

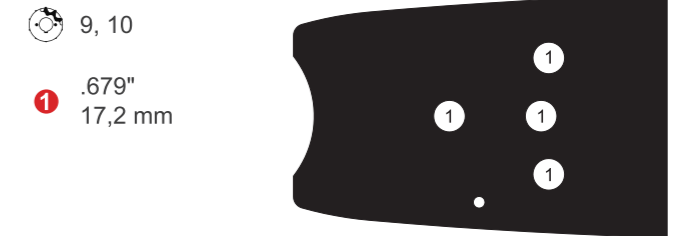


Bar Mount (3/4")

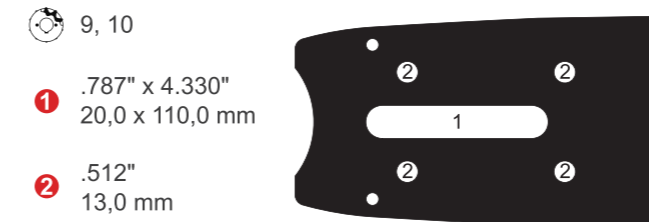
T15/T210



T19/T222



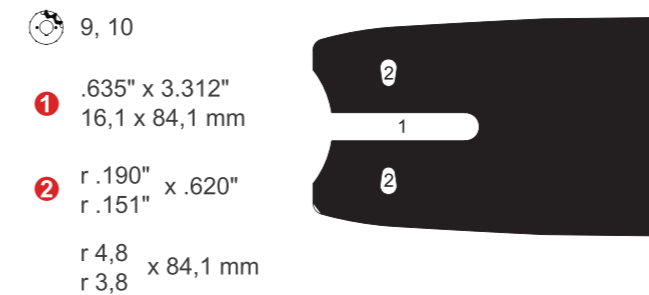
T16/T217



T20/T223



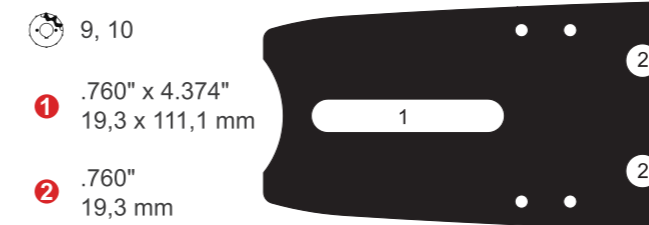
T17/T219



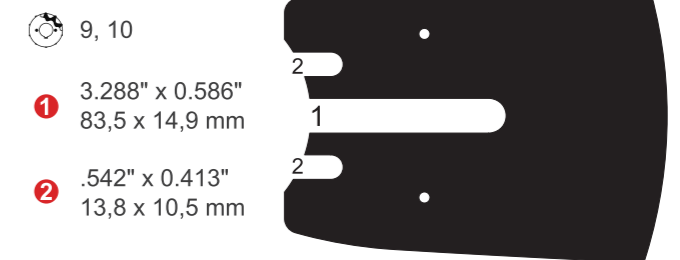
T21/T224



T18/T221

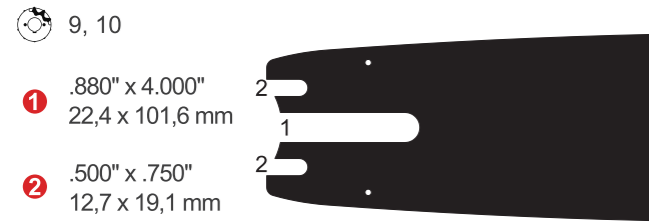


T22/T225



Bar Mount (3/4")

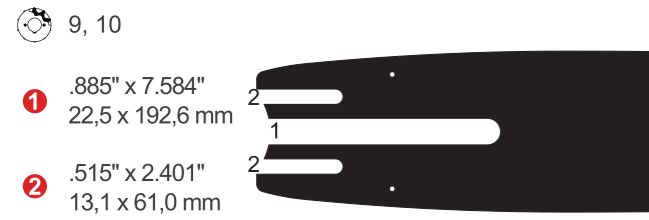
T23/T227



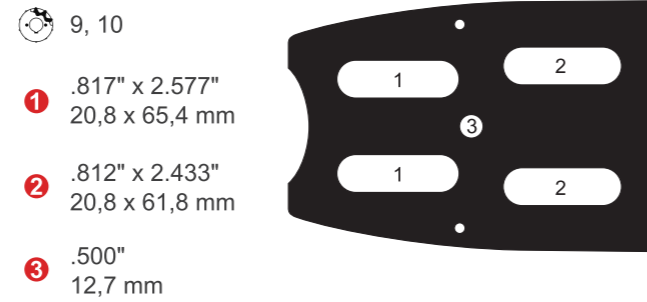
T25/T230



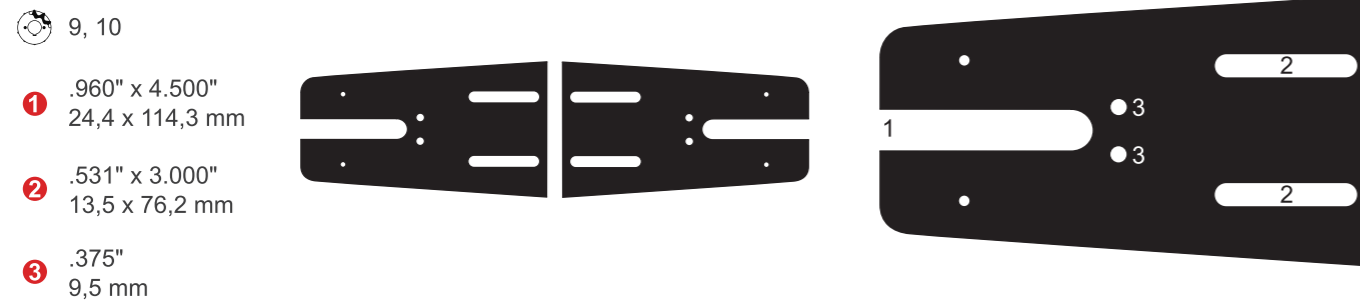
T24/T229



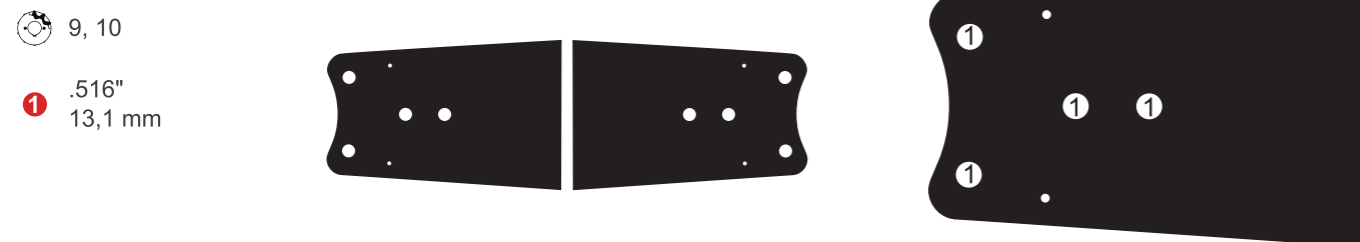
V1/V127



A1/9135

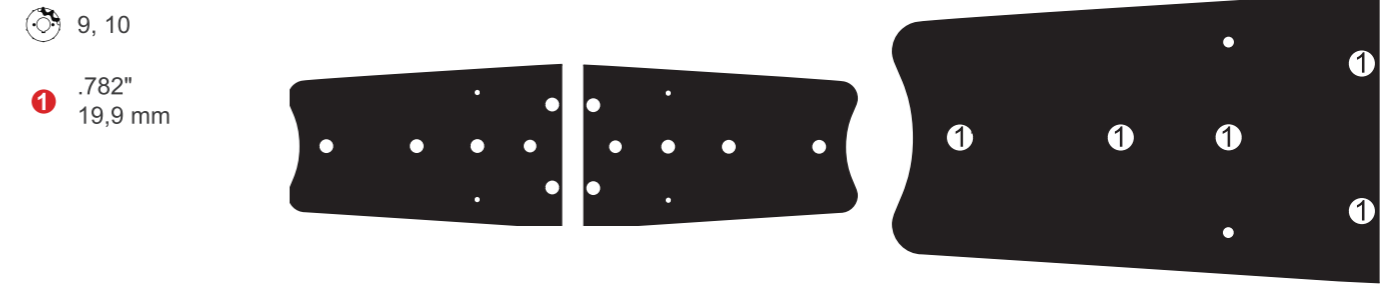


A2/9136

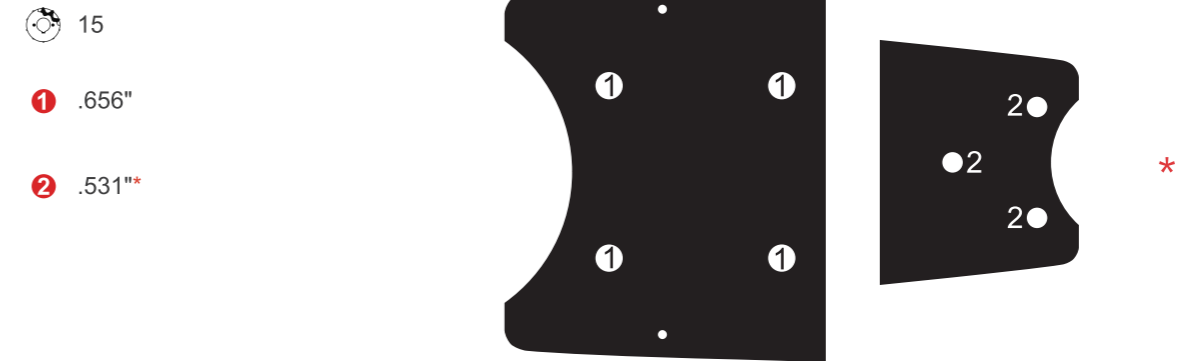


Bar Mount (3/4")

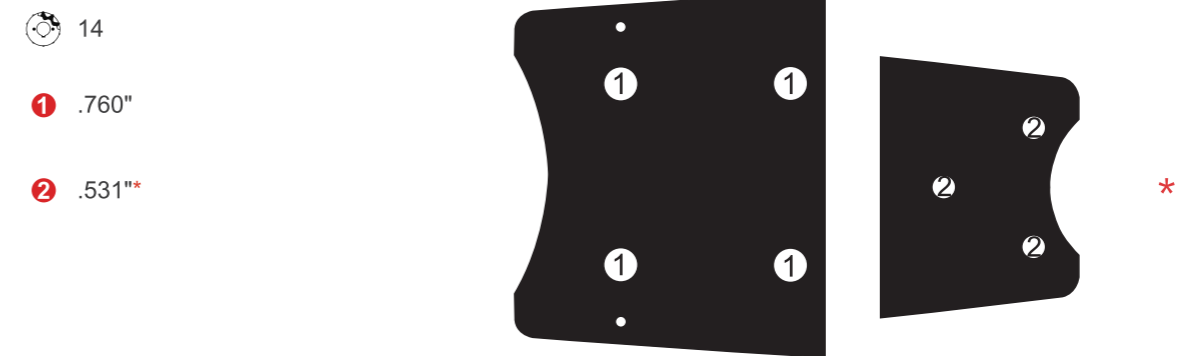
A4/9164



A3/9155



A5/9191



Bar Mount (3/4")

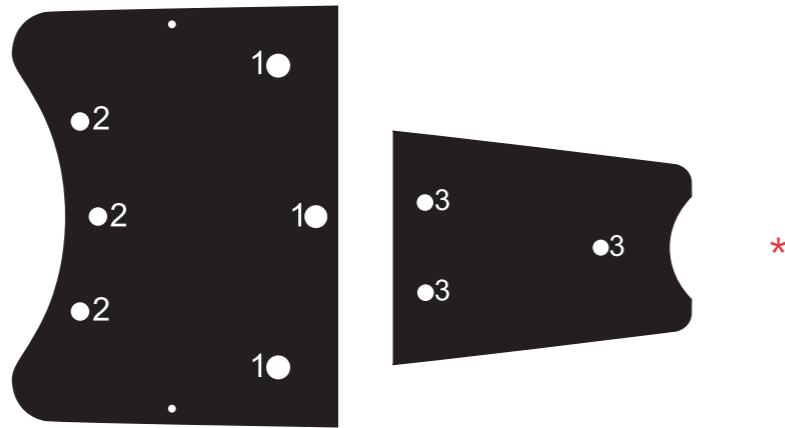
H1/H175

21

1 .656"

2 .531"

3 .531"*

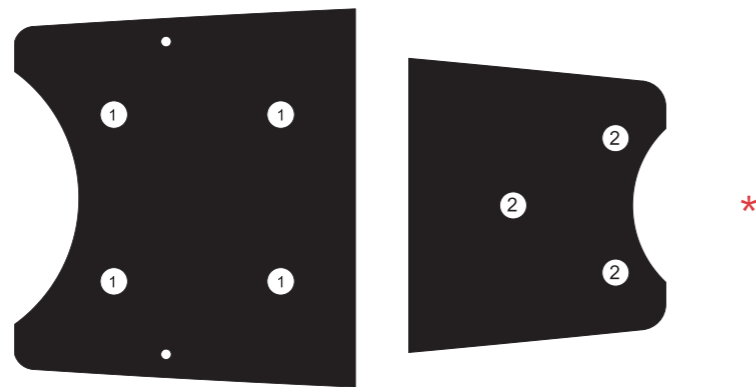


P3/P155

15

1 .656"

2 .531"*

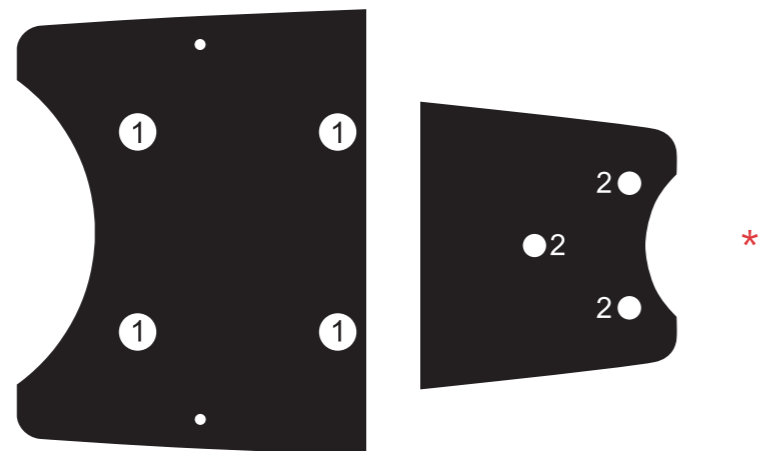


P4/P207

15

1 .781"

2 .531"*



Harvester Sprocket

404-C11



Sprocket Type	Specification	Tooth
Harvester	.404"	11

404-C12



Sprocket Type	Specification	Tooth
Harvester	.404"	12

404-C13



Sprocket Type	Specification	Tooth
Harvester	.404"	13

404-C14



Sprocket Type	Specification	Tooth
Harvester	.404"	14

404-C15



Sprocket Type	Specification	Tooth
Harvester	.404"	15

404-C16



Sprocket Type	Specification	Tooth
Harvester	.404"	16

404-D14



Sprocket Type	Specification	Tooth
Harvester	.404"	14

BRICK/CONCRETE CUTTING CHAIN

ES STRONGERCUT™

Concrete Diamond Chain



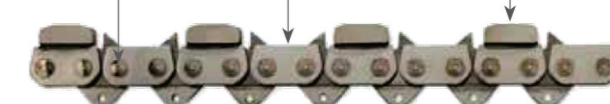
GUIDEBAR
Laser-cut internal water channels keep the sprocket nose lubricated



Deep groove stabilizes chassis for straighter, cleaner cuts

Available in 10", 15", 20" and 25" cutting depths

Rivet design gives less stretch
50% greater tensile strength to reduce breaking
Highest availability Concentration diamonds extends cutting life



Water distribution feature allows better lubrication between bar and chain

Deep engagement drive links helps keeping cutting straight

3/8" .063" Diamond Chain for Chainsaw Details



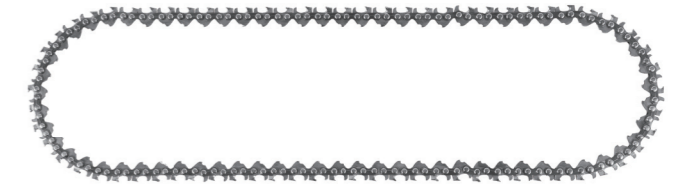
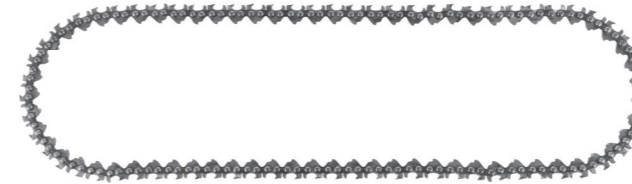
Specification	E&S
Pitch	3/8"
Gauge	.063"
Bar Length	12", 14", 16"
Drive Link Counts	58E, 64E, 70E
Fit Machines	ICS, HUSQVARNA

This chain has a preset ground diamond segment on each link, making it immediately ready to cut concrete and stone. It is designed to provide high cutting speed, smooth cutting, and excellent performance during plunge cutting. The diamond cutter head reduces vibration and improves the overall cutting speed. The depth gauge between each diamond segment improves the chain's robustness and plunge cutting performance. The chain also has a "sandwich" section design, which can achieve faster cutting and longer service life. In 6-inch thick concrete, the expected service life is about 40-80 feet for straight cuts (it will vary greatly depending on the aggregate and steel rebar).

ROOT/LIGHT BRICK CUTTING CHAIN ES STRONGERCUT™



Carbide Chain



The lubricating oil storage hole can effectively and timely refuel the bar and chain during cutting, reduce friction

Alloy head increases bar life by at least 3X

This chain were specifically developed for longer cutting edge life resulting in less frequent sharpening

Stay sharp and using life over three times longer than common chains



Thickened bar body gives more safety protection for cutting



The small holes around the bar body can not only dissipate heat, remove chips, but also reduce the bar weight

Logging in abrasive condition, which would quickly dull conventional chains, suitable for cutting dirty woods, mud and sand area, fire burned forest, roots, frozen logs and hardwoods

Available for hydraulic and gas-powered saws

It is the best chain for cutting light bricks, foam bricks & aerated bricks

ES Carbide Chain Model

 Pitch	 Gauge	 E&S Model	 Availability
3/8"LP	.043"	90	×
	.050"	91	×
.325"	.050"	20	×
	.058"	21	√
	.063"	22	√
3/8"	.050"	72	×
	.058"	73	√
	.063"	75	√
.404"	.063"	59	×



E&S ACCESSORIES

No matter how you use the chainsaw, you need to maintain it when the time comes. In this section, you will find our selection of useful chainsaw tools and accessories. You can find files, chain breakers, chain spinners, and our newly developed

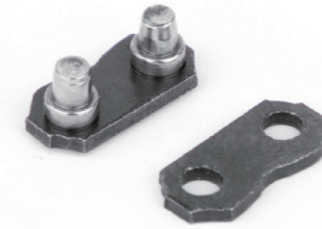
electric desktop chain grinder products, as well as grease guns and wrenches. This selection of chainsaw maintenance tools will ensure that you have a continuous time when operating the chain saw.

Preset Tie Straps

These preset links are used to connect the chainsaw chain to prevent the rivet from breaking. These are provided in the form of joint link/preset joint + mating strip group.



1/4" .043" Super



1/4" .050"



3/8"LP .050"



3/8"LP .043"



.325" .058"



.325" .058" Super



3/8" .058" Super



.404" .063"



.404" .063" Super



.404" .063" W



.404" .080"

Spinner & Breaker



• CHAIN SPINNER

A tool for repairing chains and making chain loops. Produce consistent rivet rotation and minimize the risk of chain breakage.



• CHAIN BREAKER

Punch rivets out from 1/4", .325", 3/8", and .404" pitch chains with a cast aluminum unit.



• PORTABLE CHAIN BREAKER & SPINNER

The newly designed combination of breaker and spinner can easily change the length of the chain. It is easy to carry and operate.

Saw Chain Files



- ✓ Double-cut round file design, precise cutting tooth angle.
- ✓ More materials are removed during the entire life cycle of a file than a single-cut file.
- ✓ Superior performance.
- ✓ Smooth filing.
- ✓ Stay sharp for a long time.

Model	Specification	Pitch
ES40F	4.0mm	1/4" 3/8"LP
ES45F	4.5mm	.325"
ES48F	4.8mm	.325"
ES52F	5.2mm	3/8" .404"
ES55F	5.5mm	3/8" .404"

E&S Oil Tank And Grease Gun

ES-1L-T 1L TANK 40pcs/ctn

Description

- ✓ Easy to use
- ✓ Available in a wide range of sizes and colors



ES-2L-T 2L TANK 20pcs/ctn

Description

- ✓ Easy to use
- ✓ Available in a wide range of sizes and colors



ES-5L-T 5L TANK 16pcs/ctn

Description

- ✓ E&S® fuel tanks are strictly safe
- ✓ Available in a wide range of sizes and colors



ES-6L-T COMBINA 6L TANK 6pcs/ctn

Description

- ✓ Big handle. Easy to transport with logger gloves
- ✓ Available in a wide range of sizes and colors
- ✓ Holds 6 liters of gasoline and 2.5 liters of engine oil. Equipped with an effective anti-overflow device to automatically stop dumping when the tank is full. 2.5 cans can be separated.



ES-6L-T-V 6L vertical Tank

Description

- ✓ Easy to fill
- ✓ Gently tap with your wrist
- ✓ No need to bend over



ES1104 Grease Gun 50pcs/ctn

Description

- ✓ Easy to use
- ✓ Convenient to carry
- ✓ Disposable
- ✓ Helps prevent premature wear, especially on the bar nose



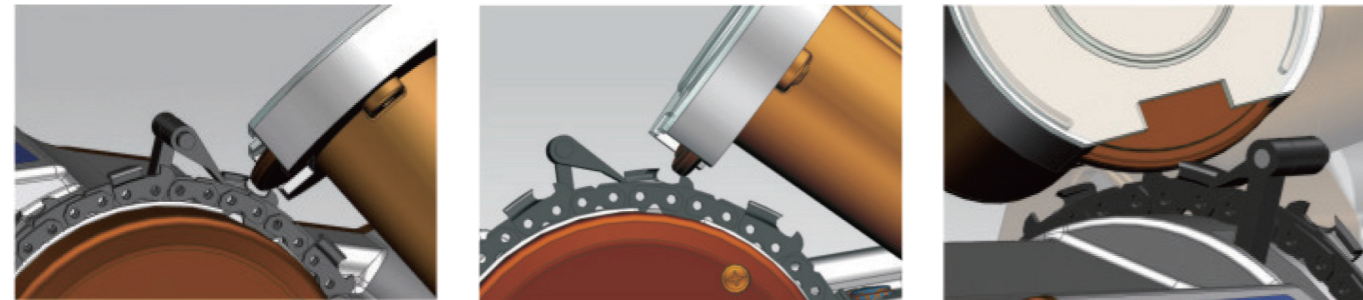
Automatic Saw Chain Sharpener



This desktop electric automatic saw chain sharpener is the ideal sharpener for your workbench. It can be safely installed on any work surface, giving you the confidence to sharpen the chain undisturbed. Powerful 110-240V, 50-60 Hz motor has an input power of 150 watts and a motor speed of 11500 rpm, making your chain works like new. Designed for simplicity and ease of accurate sharpening.

• Specifications

Voltage	Current	Power	Linear Velocity	Grinding Wheel
110V~ 220V	2A	150W	36M/S	80x16x4mm

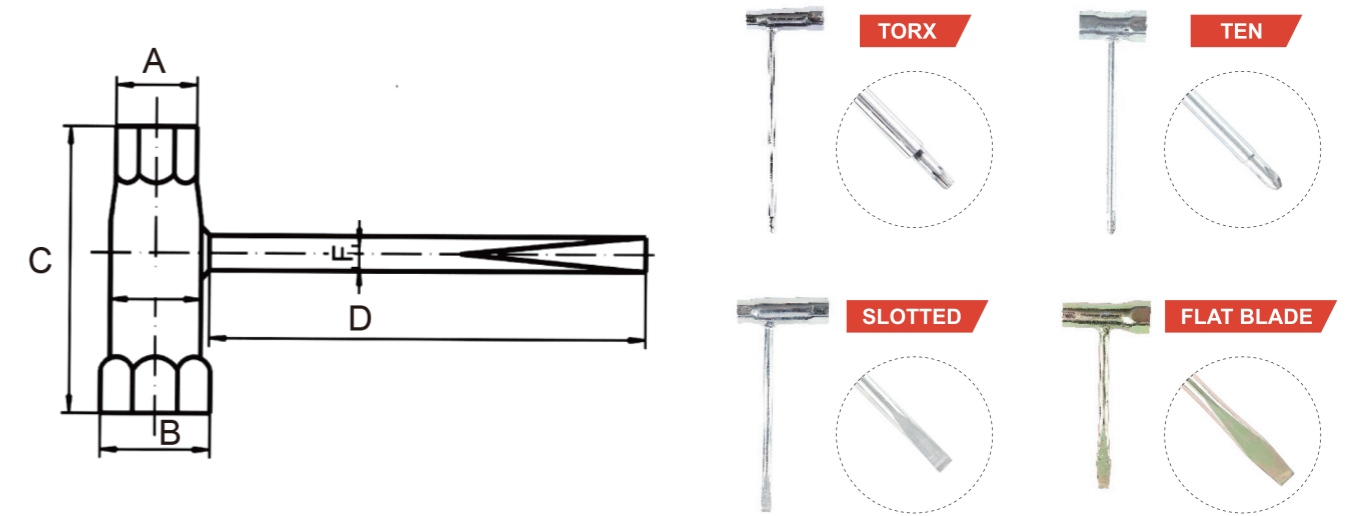


- ✓ Easy to adjust
- ✓ Fit 3/8" and .325" saw chain
- ✓ Grinding angle from 0° to 45°
- ✓ Automatic identification of left or right cutter
- ✓ Stop automatically when the whole chain sharpening is complete
- ✓ Suitable for grinding the cutting edge, lead edge, and depth gauge

Wrench

• Combination wrench

Designed for adjusting the tension of chains, bars and spark plugs. Supplied Individually.



Model Number	A	B	C	D	F	Head Style
WS001	17	19	66	160	8	SLOTTED
WS002	17	19	66	140	7	SLOTTED
WS003	17	21	69	140	8	SLOTTED
WS004	13	21	72	140	8	SLOTTED
WS005	13	19	55	165	7	SLOTTED
WF006	13	19	70	140	7	FLAT BLADE
WS007	13	19	60	140	6.5	SLOTTED
WF008	13	19	74	130	8	FLAT BLADE
WS009	11	19	68	140	7	SLOTTED
WF010	10	19	91	145	6.5	FLAT BLADE
WS011	/	16	86	140	7	SLOTTED
WS013	13	16	92	205	7	SLOTTED
WT014	/	19	78	140	8	TORX
WT015	/	19	51	140	8	TORX
WS016	10	19	51	140	8	SLOTTED
WS017	13	19	67	140	7	SLOTTED
WS018	19	16	88	140	7	SLOTTED
WS019	13	21	79	143	8	SLOTTED
WS020	16	19	85	143	7	SLOTTED
WT021	13	19	80	143	8	TORX
WT022	13	19	68	143	8	TORX
WS023	13	16	80	143	8	SLOTTED
WT024	/	19	120	140	7	TORX
WT025	/	19	65	143	8	TORX

E&S PACKAGE REFERENCE



Chain & Bar Combo Sleeve Package



Package Reference



E&S packages provide customers with a variety of options, including bulk reels, precut chains, guide bars, and accessories. Complete safety certification marks are printed in a conspicuous position, and the E&S logo is boldly printed for quick identification.

OEM Numbering System

Packing Type	Chain Type		Package designation		Head Style
Bulk Chain, 100feet Reel	91NP	+	100BW=100feet Reel	=	91NP100BW
Bulk Chain, 25feet Reel	91NP		25BW=25feet Reel		91NP 25BW
Loop Chain, in Loop Paper box	91NP		LW=Loop White color paper box		91NP-LW
Loop Chain, in Loop Plastic bag	91NP		LWP=Loop White color plastic bag		91NP-LWP
Loop Chain, in Loop Blister pack	91NP		LB=Loop Blister pack		91NP-LB
Loop Chain, in Loop Tin pack	91NP		LT=Loop Tin pack		91NP-LT
Loop Chain, in Loop Gift box	91NP		LG=Loop Gift box		91NP-LG

Details of Components Included in Bulk Reel Package

Pitch	Parts Kit	Loop Boxes
		100' Reel
1/4"	10TS/10PSTS	40
3/8"LP	10TS/10PSTS	30
.325"	10TS/10PSTS	30
3/8"	10TS/10PSTS	30
.404"	N/A	25

Reel Chain Bulk Package



Item No.: 100BW

- ✓ Simplified design for the corresponding E&S® brand
- ✓ Arrow gives a strong sense of sharpness
- ✓ Customized labels can be provided upon request



Item No.: 25BW

- ✓ Simplified design for the corresponding E&S® brand
- ✓ Arrow gives a strong sense of sharpness
- ✓ Customized labels can be provided upon request

Loop Chain White Color Paper Box Package



Item No.: LW-1

- ✓ Simplified design for the corresponding E&S® brand
- ✓ Arrow gives a strong sense of sharpness
- ✓ Special triangular window designed to best display the saw chain inside
- ✓ The universal design of detailed labels customized for customers
- ✓ Euro hook contained for hanging display purpose
- ✓ 30pcs boxes included in 100feet reel, 10pcs boxes included in 25feet reel



Item No.: LW-2

- ✓ Simplified design for the corresponding E&S® brand
- ✓ Large square window designed to best display the saw chain inside
- ✓ The universal design of detailed labels customized for customers
- ✓ Euro hook contained for hanging display purpose
- ✓ 30pcs boxes included in 100feet reel, 10pcs boxes included in 25feet ree



Item No.: 100BP (100feet Bulk Plastic Bucket)

- ✓ Simplified design for the corresponding E&S® brand
- ✓ The plastic bucket adopts environmentally friendly materials
- ✓ Reusable and strong enough to protect the chain during transportation
- ✓ Customized printing can be provided upon request
- ✓ Length of the reel can be available up to 100feet

Loop Chain White Color Plastic Bag Package



Item No.: LWP-1

- ✓ Retail saw chain packaging
- ✓ Antifreeze material plastic bag
- ✓ Minimal size design, saving packaging space
- ✓ Metal hanging holes are easy to access
- ✓ Each carton can hold 50 individually packaged saw chains



Item No.: LWP-2

- ✓ Retail saw chain packaging
- ✓ Antifreeze material plastic bag
- ✓ Minimal size design, saving packaging space
- ✓ Thicker Euro hook contained for hanging display purpose
- ✓ Each carton can hold 50 individually packaged saw chains



Item No.: LWP-3

- ✓ Retail saw chain packaging
- ✓ Antifreeze material plastic bag
- ✓ Minimal size design, saving packaging space
- ✓ Metal hanging holes are easy to access
- ✓ Each carton can hold 50 individually packaged saw chains

Loop Chain Blister Pack Package



Item No.: LB-1

- ✓ Retail saw chain packaging
- ✓ Hidden clip self-standing design
- ✓ The arrow image adds strong graphic elements to attract attention
- ✓ Special triangular window designed to best display the saw chain inside
- ✓ Each carton can hold 50 individually packaged saw chains



Item No.: LB-2

- ✓ Retail saw chain packaging
- ✓ Hidden clip self-standing design
- ✓ Large square window designed to best display the saw chain inside
- ✓ Each carton can hold 50 individually packaged saw chains
- ✓ Large product display size with strong contrast is convenient for quick reading and identification



Item No.: LB-3

- ✓ Retail saw chain packaging
- ✓ Hidden clip design
- ✓ Large product display size with strong contrast is convenient for quick reading and identification
- ✓ The E&S logo adds strong graphic elements to attract attention
- ✓ Each carton can hold 50 individually packaged saw chains

Loop Chain Blister Pack Package



Item No.: LB-4

- ✓ Retail saw chain packaging
- ✓ Environmental protection material plastic packaging
- ✓ Unique oval window designed to best display the saw chain inside
- ✓ Arrow gives a strong sense of sharpness
- ✓ Each carton can hold 50 individually packaged saw chains

Loop Chain Tin Pack & Gift Box Package



Item No.: LT-1

- ✓ Retail saw chain packaging made of reusable tinplate material
- ✓ Sturdy enough to avoid being broken by chain cutters
- ✓ Hanging buckle on the back of the tin box and self-standing
- ✓ Large die-cutting window designed to better display the saw chain



Item No.: LB-5

- ✓ Full heat sealing of retail saw chain packaging
- ✓ Complete package with instruction sheet
- ✓ Customized labels can be provided upon request
- ✓ Each carton can hold 30 individually packaged saw chains



Item No.: LT-2

- ✓ Retail saw chain packaging made of reusable tinplate material
- ✓ Sturdy enough to avoid being broken by chain cutters
- ✓ Large product display size with strong contrast is convenient for quick reading and identification
- ✓ Hanging buckle on the back of the tin box and self-standing
- ✓ Large die-cutting window designed to better display the saw chain



Item No.: LB-6

- ✓ Retail saw chain & guide bar combo packaging
- ✓ The dealer's tri-fold blister design, including 2 saw chains and 1 guide bar, each carton can hold 10 sets of individual packages.



Item No.: LG

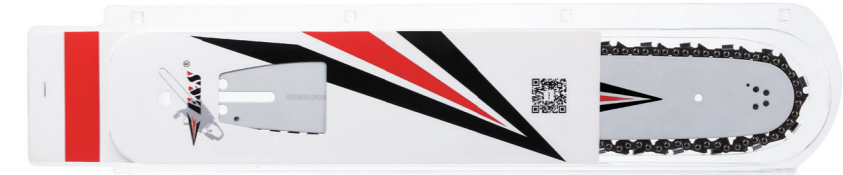
- ✓ Retail saw chain packaging
- ✓ Reusable hard board material with magnet buckle

Guide Bar Blister Pack Package



Blister Number	Oregon Model Number	E&S Model Number	Guide Bar Size	Blister Number	Oregon&GB Model Number	E&S Model Number	Guide Bar Size
1	084MLEA041	AF08434BQ4L	240.5*52	17	180SLGK041	KF18072DE5L	514.7*70.7
2	100SDEA218	AE10039BQ1L	297*52		188SLGK095	KN18872DE4L	508.5*69
	104SDEA218	AE10439BQ1L	297*52		188SLGK041	KF18872DE5L	514.7*70.7
3	104MLEA041	AF10440BQ4L	304.8*52		180SLGK095	KN18072DE4L	508.5*69
4	120SDEA218	AE12044BQ1L	343.8*52.5		180RNBK095	KN18072HD5R	509.1*68.8
	124MLEA218	AE12444BQ4L	343.8*52.5	188RNBK095	KN18872HD5R	509.1*68.8	
5	124MLEA074	AS12444BQ4L	338.4*54.3	183SLGD025	DF18374DE6L	526.8*72	
	120SDEA074	AS12044BQ1L	338.6*54	180SLGD025	DF18074DE6L	526.8*72	
6	124MLEA041	AF12445BQ4L	351*52.5	180SLHD025	DF18066CY6L	526.8*72	
	120SDEA041	AF12045BQ1L	351.3*52.5	183SLHD025	DF18366CY6L	526.8*72	
7	140SPEA074	AS14050BQ1L	393*57	180RNDD025	DF18066HC5R	526*71	
	144MLEA074	AS14450BQ4L	394*55	183RNDD025	DF18366HC5R	526*71	
8	140SDEA041	AF14052BQ1L	418*53.3	180SLHK095	KN18068CY4L	549.2*69.6	
9	164MLEA041	AF16456BQ4L	459*53.6	208SLGK095	KN20878DE4L	563*69.5	
	160SDEA041	AF16056BQ1L	454*54	200SLGK095	KN20078DE4L	563*69.5	
10	164MLEA074	AS16455BQ4L	440*55	180RNDK095	KN18068HC5R	552.2*70.5	
	160SDEA074	AS16055BQ1L	440*55	188RNDK095	KN18868HC5R	552.2*70.5	
11	163SLBA074	AS16362DS4L	443.2*61	200RNBK095	KN20078HD5R	562.1*70.2	
12	163SLGD025	DF16367DE6L	471*70.4	208RNBK095	KN20878HD5R	562.1*70.2	
	160SLGD025	DF16067DE6L	470*71	200SLHD025	DF20072CY6L	582.8*73	
	163SLHD025	DF16360CY6L	471*70.4	200SLHK095	KN20072CY5L	583*73	
	160SLHD025	DF16060CY6L	470*71	200SLGD025	DF20081DY6L	582.8*73	
	160SLHD009	DZ16060CY4L	470.9*70.8	208SLHD009	DZ20872CY4L	582.5*72.5	
	168SLHD009	DZ16860CY4L	470.9*70.8	203SLGD025	DF20381DE6L	582.8*73	
	160RNDD009	DZ16060HC5R	467.5*70	203SLHD025	DF20372CY6L	582.8*73	
	168RNDD009	DZ16860HC5R	467.5*70	200SLHD009	DZ20072CY4L	582.5*72.5	
	160RNDD025	DF16060HC5R	470.5*70	200RNDD025	DF20072HC5R	582.5*73.4	
	163RNDD025	DF16360HC5R	470.5*70	203RNDD025	DF20372HC5R	582.5*73.4	
	160SLHK095	KN16060CY4L	475*70.3	203RNBK095	KN20381HD5R	582.5*73.4	
13	168SLBK095	KN16866DS4L	467*61.3	200RNDD009	DZ20072HC5R	577.5*73	
	160SLGK095	KN16066DE4L	464.9*69.5	208RNDD009	DZ20872HC5R	577.5*73	
	168SLGK041	KF16866DE4L	464.9*69.5	200RNDK095	KN20072HC5R	588.5*70.65	
	160SLGK041	KF16066DE4L	464.9*69.5	208RNDK095	KN20872HC5R	588.5*70.65	
	160RNDK095	KN16060HC5R	475.1*70	240RNDD025	DF24084HC5R	700*74.7	
14	180SDEA041	AF18062BQ1L	512*54	240RNDK095	KN24084HC5R	700.7*73.4	
15	183SLBA074	AS18368DS4L	492*62	248RNDK095	KN24884HC5R	700.7*73.4	
	188SLHD009	DZ18868CY4L	545.5*72.5	240RNDD009	DZ24084HC5R	690*72.5	
16	180SLHD009	DZ18068CY4L	545.5*72.5	248RNDD009	DZ24884HC5R	690*72.5	
	180RNDD009	DZ18068HC5R	543.5*71	243RNDD025	DF24384HC5R	700*74.7	
	188RNDD009	DZ18868HC5R	543.5*71				
				23	PO12-50CR		
				24	PO16-50CR		

Chain & Bar Combo Blister Pack Package



Guide Bar+Saw Chain	Bar Length	OREGON Chain Part Number	E&S Chain Number	Pitch	Gauge	D/L	E&S Guide Bar	OREGON Bar Part Number	E&S Clamshell Part Number
AF12045BQ1L+91MNS45DL	12"	91VXL	91MNS	3/8" LP	.050"	45	AF12045BQ1L	120SDEA041	35-15031
AF14052BQ1L+91MNS52DL	14"	91VXL	91MNS	3/8" LP	.050"	52	AF14052BQ1L	140SDEA041	35-15031
AF16056BQ1L+91MNS56DL	16"	91VXL	91MNS	3/8" LP	.050"	56	AF16056BQ1L	160SDEA041	35-15032
AS14050BJ4L+91MNS50DL	14"	91VXL	91MNS	3/8" LP	.050"	50	AS14050BJ4L	140SPEA074	35-15031
AS16055BJ4L+91MNS55DL	16"	91VXL	91MNS	3/8" LP	.050"	55	AS16055BJ4L	160SPEA074	35-15032
DF16067DY6L+22MO67DL	16"	22BX	22MO	.325"	.063"	67	DF16067DY6L	163SLGD025	New
DF18374DY6L+22MO74DL	18"	22BX	22MO	.325"	.063"	74	DF18374DY6L	183SLGD025	35-15039
KF16066DE4L+20MO66DL	16"	20BX	20MO	.325"	.050"	66	KF16066DE4L	160SLGK041	35-15037
KN16866DE4L+21MO66DL	16"	21BX	21MO	.325"	.058"	66	KN16866DE4L	168SLGK095	35-15037
KN18872DE4L+21MO72DL	18"	21BX	21MO	.325"	.058"	72	KN18872DE4L	188SLGK095	35-15039
KN20878DE4L+21MO78DL	20"	21BX	21MO	.325"	.058"	78	KN20878DE4L	208SLGK095	35-15040
KF18072DE4L+20MO72DL	18"	20BX	20MO	.325"	.050"	72	KF18072DE4L	180SLGK041	35-15039
KN16066DS4L+20YNP66DL	16"	95VPX	20YNP	.325"	.050"	66	KN16066DS4L	160MPBK095	35-15037
KN18072DS4L+20YNP72DL	18"	95VPX	20YNP	.325"	.050"	72	KN18072DS4L	180MPBK095	35-15039
DZ16860CY4L+73ML60DL	16"	73LGX	73ML	3/8"	.058"	60	DZ16860CY4L	168SLHD009	New
DZ18868CY4L+73ML68DL	18"	73LGX	73ML	3/8"	.058"	68	DZ18868CY4L	188SLHD009	35-15040
DZ20872CY4L+73ML72DL	20"	73LGX	73ML	3/8"	.058"	72	DZ20872CY4L	208SLHD009	35-15040
DF16360CY6L+75ML60DL	16"	75LGX	75ML	3/8"	.063"	60	DF16360CY6L	163SLHD025	New
DF18366CY6L+75ML66DL	18"	75LGX	75ML	3/8"	.063"	66	DF18366CY6L	183SLHD025	35-15040
DF20372CY6L+75ML72DL	20"	75LGX	75ML	3/8"	.063"	72	DF20372CY6L	203SLHD025	35-15040