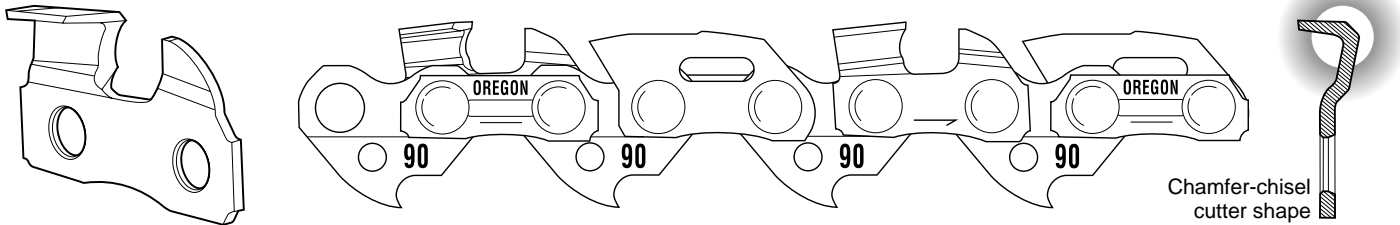


LOW-VIBRATION 90SG CHAIN

Oregon® Micro-Lite™ 90SG is made for small saws and features a chamfer-chisel cutter design that out-cuts competitive chains. 90SG cuts a narrow kerf, requiring less power from the saw than standard chains to make the same cut. Micro-Lite™ 90SG is a low-vibration/low-kickback chain which meets both the ANSI (U.S.) and CSA (Canadian) low-kickback requirements. This chain is ideal for homeowners or consumer users, and is equally well suited for commercial cutters such as arborists and orchardists. Micro-Lite™ 90SG is designed for use on electric saws with bars up to 16 inches (41cm), and on small gasoline-powered saws up to 2.5 cubic inches (41cc) with bars up to 14 inches (35cm). 90SG is compatible with all existing 91-type drive sprockets, and its narrow .043-inch gauge requires the use of a Micro-Lite™ bar.



Blue-label Chain. 90SG meets the low-kickback performance requirements of ANSI B175.1 (US).

FEATURES

- Chamfer-chisel cutter shape
- Vibe-Ban™ low-vibration design
- Narrow Micro-Lite™ kerf (.221")
- Narrow 1.1mm (.043") gauge and weight-reducing slots in the guard tie straps
 - *Micro-Lite™ bar-and-chain combinations are approximately 15% lighter than standard combinations
- Lubrilink™ tie straps and Lubriwell™ drive links
- Tall cutter shape, fits 4.5mm round file
- Bumper tie straps and ramped depth gauges
- Aft position of top plates
- Forward-pointing spear stamped on the cutters and tie straps
- Witness marks on each cutter's top plate
- Drive links are now coined from a heavier-gauge steel than our previous 90SG

BENEFITS

- Outstanding performance, fast and efficient cutting
- Excellent stay-sharp
- Smooth feel during use, smooth cut surfaces
- Reduces the tendency of saws to "skate"
- Reduces the risk of vibration-related injury
- Less power is required to make the same length of cut
- Helps the saw cut faster
- Less power is required to drive the chain
- Lighter weight, helps minimize user fatigue*
- Improved chain and bar lubrication, helps keep oil where it's needed, reduces volume of oil required
- Makes sharpening easier
- Low kickback, meets ANSI and CSA standards
- Stabilizes the cutter for faster smoother cutting
- Identifies 90SG as a low-vibration chain
- Indicates the proper chain-cutting direction
- Makes it easier to hold the file at the correct angle during sharpening
- Makes it easy to break 90SG chain from reels and spin it into loops
- Helps reduce stretch



CHAIN PART NUMBER	PITCH	GAUGE	CUTTER SEQUENCE	CUTTER TYPE	KICKBACK-REDUCING FEATURES
90SG	3/8"	1.1mm (.043")	Standard	Chamfer Chisel	Ramped Depth Gauges and Bumper Tie Straps

THE SPECIAL FEATURES OF OREGON® MICRO-LITE™ 90SG



Micro-Lite™



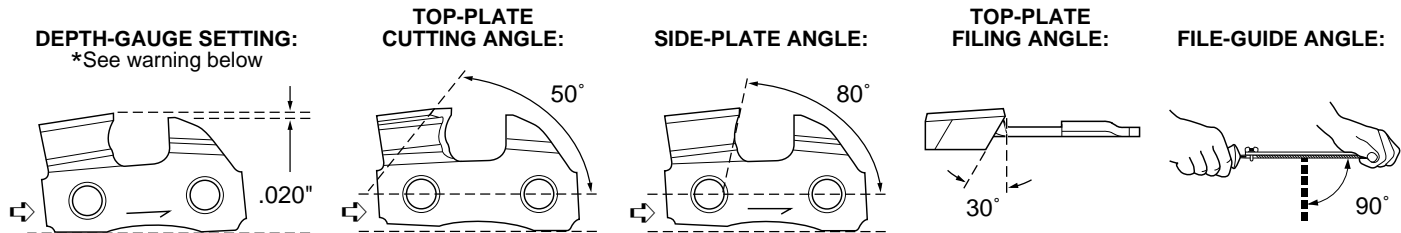
Micro-Lite™ Micro-Lite™ is the name for our “narrow-kerf” chain-and-bar cutting systems. Cutting a narrower kerf allows your saw to cut faster and more efficiently. Use a Micro-Lite™ chain in team with a Micro-Lite™ bar for maximum results.

Vibe-Ban™ Vibe-Ban™ is the name for our family of “low-vibration” chains, designed and built with features that will reduce the risk of vibration-related injury.

LubriLink™ and Lubriwell™ A tie-strap reservoir and a drive-link hole, respectively. These simple features help keep oil where it’s needed and improve the lubrication of your bar and chain for better performance and longer life.

90SG FILING INSTRUCTIONS

FILE SIZE: Use a 4.5mm round file and file guide.



↔ **NOTE:** On low-vibration chains with “clipped” rear heels (such as 90SG), the bottoms of the cutters are not parallel with the centers of the rivet holes. Set depth gauges with the bottom of the cutter in the “heel-down” position. With the heel down, the .020” depth-gauge tool will produce the proper depth-gauge setting.

WARNING Failure to follow filing instructions can increase the level of kickback which can result in severe injury to the saw operator or bystanders.

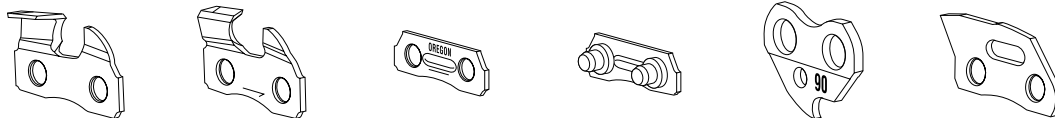
- * Do not exceed the depth-gauge setting shown above
- * Always file depth gauges back to their original rounded or ramped shape after lowering

WARNING Oregon® 90SG chain meets the reduced-kickback requirements of ANSI B175.1 when tested on a representative sample of chainsaws. This chain significantly reduces the risk of chainsaw kickback while maintaining high cutting performance. **ALL CUTTING CHAIN CAN KICK BACK, WHICH MAY RESULT IN SEVERE INJURY TO THE SAW OPERATOR OR BY-STANDERS.** Operate your saw safely. Read and follow all warnings in your chainsaw operator’s manual and in Oregon® 90SG chain-maintenance instructions.

MAINTENANCE TOOLS

DESCRIPTION	PACK	PART NUMBER
Assembled File Guide, 4.5mm	– Each	31692
Round File, 4.5mm:	– 12-pack	70511
	– 2-pack	40461
Depth-gauge Tool, .020"	– 10-pack	105271
Flat File	– 12-pack	12211

CHAIN REPLACEMENT PARTS



CHAIN TYPE	LEFT-HAND CUTTER	RIGHT-HAND CUTTER	TIE STRAP	PRESET TIE STRAP	DRIVE LINK	BUMPER TIE STRAP
90SG	P104709	P104710	P104711	P108045	P108043	P104708

NOTE: Individual parts packages contain 25 pieces.



Because every cut counts

For more information on these and other Oregon® products, contact your authorized Oregon® distributor, or:

OREGON CUTTING SYSTEMS DIVISION, OUTDOOR PRODUCTS GROUP, BLOUNT, INC.

PO Box 22127 · Portland, OR, U.S.A. 97269-2127 · Phone: 503-653-8881 · Fax: 503-653-4201 · Website: www.oregonchain.com

OREGON CUTTING SYSTEMS DIVISION, OUTDOOR PRODUCTS GROUP, BLOUNT CANADA, LTD.

505 Edinburgh Rd. N. · Guelph, Ontario, Canada N1H 6L4 · Phone: 519-822-6870 · Fax: 519-822-4999