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› UPFOREST 4-Inch Chainsaw Chain for STIHL GTA26 Mini Chainsaw Pruner (1/4" Pitch, .043" Gauge, 28 Drive Links)

UPFOREST 4" 28DL 1/4" .043" Low Kickback

UPFOREST 4-Inch Chainsaw Chain Instruction Manual

Model: 4" 28DL 1/4" .043" Low Kickback

1. PRODUCT OVERVIEW

The UPFOREST 4-inch chainsaw chain is engineered for precision cutting and durability. This chain is specifically compatible with STIHL GTA26 Mini Chainsaw Pruners and other chainsaws requiring a 1/4-inch pitch, .043-inch gauge, and 28 drive links. It is constructed from high-quality materials to ensure reliable performance.

Key Features:

- **German Steel Construction:** Utilizes German steel with controlled heating and punching systems for enhanced toughness and flatness.
- **Hardened Rivets:** All saw chain rivets are hardened and quenched to resist wear, improve strength, and minimize chain tension changes during operation.
- **Japanese Chrome-Plated Cutters:** Features Japanese chrome-plated technology for superior cutter durability. Each cutter is ground and cold-headed with rotary machines for optimal sharpness.
- **Corrosion Protection:** Each saw chain is treated with a protective oil to resist corrosion, extending its lifespan.

2. COMPATIBILITY AND IDENTIFICATION

Before installing, ensure the replacement chain matches your chainsaw's specifications. Incorrect chain dimensions can lead to poor performance, damage to the chainsaw, or personal injury. This chain is designed for chainsaws requiring a 4-inch length, 1/4-inch pitch, .043-inch gauge, and 28 drive links.

upforest®

FIND THE RIGHT CHAIN



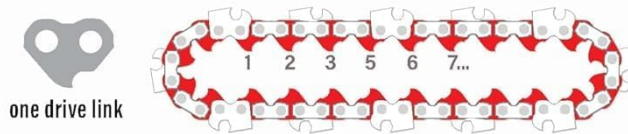
YOUR TAILMOUNT
MAY HAVE ALL THE
INFO YOU NEED.

- 1 BAR LENGTH**
SIMPLY MEASURE
EXPOSED BAR



Round up to nearest even number

- 2 DRIVE LINKS**
COUNT ALL LINKS
ON EXISTING CHAIN



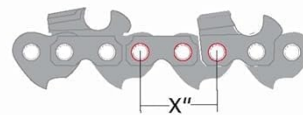
one drive link

- 3 GAUGE**
THICKNESS OF
DRIVE LINK



GAUGE SIZE
should be one of these 4 measure-
ments .043" (1.1mm), .050" (1.3mm),
.058" (1.5mm) or .063" (1.6mm)

- 4 PITCH**
DIVIDE 3 RIVET'S
DISTANCE BY 2



COMMON SIZES
.325", 3/8" LP, 3/8", 1/4"

NOTE
3/8" is typically for saws \geq 50cc
and 3/8" LP is for smaller saws.

Image: A visual guide to identifying the correct chainsaw chain dimensions, including bar length, drive links, gauge, and pitch.

How to Identify Your Chain Specifications:

- 1. Bar Length:** Measure the exposed length of your chainsaw's guide bar. Round up to the nearest even number.
- 2. Drive Links:** Count all the drive links on your existing chain. A drive link is the part of the chain that sits in the guide bar groove.
- 3. Gauge:** This is the thickness of the drive link. Common measurements are .043" (1.1mm), .050" (1.3mm), .058" (1.5mm), or .063" (1.6mm).
- 4. Pitch:** Divide the distance between any three consecutive rivets by two. Common sizes include .325", 3/8" LP, 3/8", and 1/4". Note that 3/8" is typically for saws $>$ 50cc, and 3/8" LP is for smaller saws.

3. INSTALLATION INSTRUCTIONS

Always refer to your chainsaw's owner's manual for specific chain replacement procedures. The following are general steps for installing a new chainsaw chain:

1. **Safety First:** Ensure the chainsaw is turned off, unplugged (electric), or the spark plug wire is disconnected (gas) before beginning. Wear appropriate safety gloves.
2. **Remove Old Chain:** Loosen the bar nuts and remove the clutch cover. Carefully remove the old chain and guide bar.
3. **Clean Components:** Clean any sawdust or debris from the guide bar groove, sprocket, and clutch area.
4. **Install New Chain:** Place the new chain around the clutch sprocket, ensuring the cutting edges face the correct direction (usually forward on the top of the bar).
5. **Position Guide Bar:** Fit the guide bar over the chain and the bar studs. Ensure the drive links sit properly in the guide bar groove.
6. **Replace Clutch Cover:** Reinstall the clutch cover and hand-tighten the bar nuts.
7. **Adjust Chain Tension:** Adjust the chain tension screw until the chain is snug against the bottom of the guide bar, but can still be pulled freely by hand. There should be no slack on the underside of the bar, and the drive links should not lift out of the bar groove.
8. **Final Tightening:** While holding the tip of the guide bar up, fully tighten the bar nuts.
9. **Lubrication:** Ensure the chainsaw's oil reservoir is filled with appropriate bar and chain oil.



Image: A close-up view of a chainsaw chain correctly seated on a guide bar, illustrating proper installation.

4. OPERATING INSTRUCTIONS

Proper operation of your chainsaw with the UPFOREST chain ensures safety and efficiency. Always prioritize safety and follow your chainsaw's manufacturer guidelines.

General Operating Tips:

- **Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, gloves, and appropriate clothing (e.g., chaps) when operating a chainsaw.
- **Pre-Operation Check:** Before each use, inspect the chain for sharpness, proper tension, and any damage. Ensure the oil reservoir is full.
- **Maintain Firm Grip:** Hold the chainsaw firmly with both hands.
- **Avoid Kickback:** Be aware of the kickback zone (the upper quadrant of the guide bar tip). Avoid cutting with this area.
- **Proper Cutting Technique:** Let the chain do the work. Do not force the saw. Maintain a stable stance.
- **Clear Work Area:** Ensure your work area is clear of obstacles and bystanders.

5. MAINTENANCE

Regular maintenance of your UPFOREST chainsaw chain will prolong its life and ensure optimal cutting performance.

Sharpening:

A sharp chain is crucial for safe and efficient cutting. Sharpen your chain regularly, or when you notice it cutting slowly, producing fine dust instead of chips, or pulling to one side.

- **Tools:** Use a round file of the correct diameter for your chain's pitch (refer to your chainsaw manual or chain specifications). A filing guide can assist in maintaining the correct angles.

- **Technique:** File each cutter with smooth, even strokes, always pushing the file away from you. Maintain the correct top plate filing angle and side plate angle.
- **Depth Gauges:** Check and file the depth gauges (rakers) as needed to ensure proper chip removal.



Image: A close-up of a chainsaw chain being sharpened with a file, demonstrating the maintenance process.

Cleaning and Storage:

- **Clean After Use:** After each use, clean the chain to remove sap, sawdust, and debris. A wire brush and solvent can be used.
- **Lubricate:** Apply a thin coat of bar and chain oil to the clean chain before storage to prevent rust and corrosion.
- **Proper Storage:** Store the chain in a dry, cool place, ideally in its original packaging or a protective case, away from direct sunlight and moisture.

6. TROUBLESHOOTING

Addressing common issues can help maintain your chainsaw chain's performance.

Problem	Possible Cause	Solution
Chain cuts slowly or produces dust	Dull cutters, incorrect sharpening angle, worn depth gauges.	Sharpen cutters, ensure correct angles, adjust depth gauges.
Chain pulls to one side	Cutters on one side are duller or shorter than the other.	Resharpener all cutters evenly, ensuring uniform length and angle.
Chain smokes or overheats	Insufficient lubrication, dull chain, improper tension, worn guide bar.	Check oil level, sharpen chain, adjust tension, inspect guide bar for wear.
Chain jumps off bar	Loose chain tension, worn sprocket, damaged guide bar, incorrect chain size.	Adjust chain tension, inspect sprocket and guide bar for wear, verify chain compatibility.

7. SPECIFICATIONS

Detailed specifications for the UPFOREST 4-inch chainsaw chain:

Brand: UPFOREST

Model Number: 4" 28DL 1/4" .043" Low Kickback

Drive Link Count: 28

Item Pitch: 1/4 Inch (0.25 Inches)

Gauge: .043 Inch

Chain Length: 4 Inches

Chain Type: Semi-Chisel

Material: Metal (German steel with Japanese chrome-plated technology)

Item Weight: Approximately 1 pound (for the package)

Package Dimensions: Approximately 10 x 5 x 1 inches

8. WARRANTY AND SUPPORT

UPFOREST is committed to providing high-quality products. While specific warranty details for this product are not provided in the immediate documentation, the brand generally offers support for its products. For any questions regarding product performance, compatibility, or to inquire about warranty claims, please contact UPFOREST customer service through their official channels or the retailer where the product was purchased.

The brand emphasizes quality and customer satisfaction, with mentions of "German imported steel" and "manual testing for more accurate performance" in their brand story, indicating a focus on product reliability.