

CHAMP

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LOGGER ICE SPIKES



WORLDWIDE HEADQUARTERS

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*Manufactured by CHAMP
maker of the world's best
sport cleats for the leading
brands of the world.*

The World Leader in Sport Cleat Technology®



ICE SPIKES

MacNeill Engineering Worldwide, owner of the CHAMP brand of athletic products, is the world's foremost and largest designer and manufacturer of Traction Technology for athletic and industrial footwear. MacNeill is a privately owned company headquartered in Marlborough, Massachusetts, with locations in the UK, Japan, Hong Kong and China. Since 1931, MacNeill has been providing customers with the highest quality manufacturing and product innovation available. Now for 2011 we are launching globally an innovative performance golf tee line. MacNeill is The World Leader in Sport Cleat Technology® and CHAMP spikes are the choice of some of the biggest names in the footwear and sporting goods industries. This is a testament to our long history of exceptional service and quality. CHAMP spikes and custom MacNeill components are original equipment on footwear for adidas®, Asics®, ECCO®, Fila®, FootJoy®, Hi-Tec®, New Balance®, Nike®, Puma®, Reebok®, Under Armour® and many other brands around the world.

NOBODY IN THE WORLD HAS DESIGNED, ENGINEERED OR SOLD MORE ATHLETIC CLEATS.

Why Logging?

Known for exceptional quality and innovation MacNeill Engineering produces logger spikes using only the highest quality, high-carbon steel. To ensure consistent high quality, we keep our production tolerances extremely tight. After production, we heat treat our spikes to a tool steel hardness to provide maximum strength, durability and reliability. Our one piece construction is done by cold heading and trimming which ensures better durability and eliminates any chance of separation of the logging point and plate. Standard plating is zinc blue which provides excellent corrosion resistance.

Logger Ice Spikes

High-quality carbon steel case-hardened to provide long-lasting wear. Standard plating is zinc blue.

3520CH01	Logger (Ice) Bulk
3520CH10	Red Wood Logger (Ice) Bulk
7066CH17	Logger (Ice) Box of 1,000
7066CH18	Logger (Ice) Box of 100
3018CH23	CER-MEC Bulk
7066CH102	CER-MEC Box of 100



Logging Receptacles

Similar to the exceptional quality found in our logging spikes, the same holds true for our receptacles. We use a unique manufacturing process for our receptacles to guarantee that they have the highest quality threads available 100% of the time. We are the only manufacturer to employ this process, which makes us the only company in the world capable of producing a receptacle of such high caliber precision. We produce our standard receptacles using 0.031" thick steel unless otherwise noted. We also offer our receptacles in stainless steel. Standard threads are 15/64-30. Standard plating is zinc yellow.

Unexus Receptacles

The Unexus receptacle is most commonly used in leather logging boot construction. We manufacture the receptacles of steel or non-rusting stainless steel. The standard plating is zinc yellow.

				
4030N004	4030N010	4030Q003	4030Q006	4030R021
6mm H2355 Unexus OB IB NH ZY 031	6mm H2355 Unexus OB IB NH ZY 040	6.4mm H2505 Unexus OB IB NH ZY 040	6.4mm H2505 Unexus OB IB NH SS 040	6.7mm H2655 OB IBU NH BR 031



ICE SPIKES

PACKAGING

- No. 7066CH18 - Box of 100
- No. 7066CH17 - Box of 1,000
- No. 3520CH01 - Individual Pieces of 3,000



PRO SOFT™ 2 SPIKE & CLUB BRUSH

- No. 87407 Black - packed 1 per blister
- No. 87413 Green - packed 1 per blister

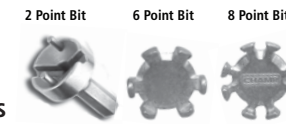


Comfortable grip keeps your hands clear of spikes and dirt. Convenient carabiner to hook. Dual durometer hardness bristles for maximum cleaning action of all spikes. 23 scientifically designed bristle sets: 12 main bristle sets to aggressively clean the spike center and side action bristle sets to remove excess grass and sand. Black Bristles: Firm bristles for aggressive cleaning. White Bristles: Medium density for sweeping action.



MAXPRO™ WRENCH Three Position Ratchet With Three Bits

No. 88401 - packed 1 per blister



The latest in spike changing tools. Comfortable contoured soft touch dual density handle. Three position ratchet for insertion, removal or lock in place. Three bits to allow you to change any spike. Standard two point, six point and eight point bits. All drill compatible.



PROPLUS™ WRENCH

No. 88400 - packed 1 per blister

A new upgrade of the CHAMP worldwide spike wrench standard. Comfortable contoured soft touch dual density handle. Sturdy steel shaft with hardened steel pins.



PRO WRENCH 4

- 88404 - packed 1 per blister
- 6060WR03 - bulk of 250

Unbreakable plastic handle made of high strength polymer and hardened steel pins for long term durability.

