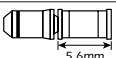
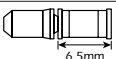
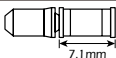


## General Safety Information

### ⚠ WARNING

- Use neutral detergent to clean the chain. Do not use alkali-based or acid based detergent such as rust cleaners as it may result in damage and/or failure of the chain.
- Use the reinforced connecting pin only for connecting the narrow type of chain.
- If connecting pins other than reinforced connecting pins are used, or if a reinforced connecting pin or tool which is not suitable for the type of chain is used, sufficient connection force may not be obtained, which could cause the chain to break or fall off.

Chain	Reinforced connecting pin	Chain tool
10-speed super narrow chain such as CN-7800	 5.6mm Silver	TL-CN32 / TL-CN23
9-speed super narrow chain such as CN-7701 / CN-HG93	 6.5mm Silver	
8-/7-/6-speed narrow chain such as CN-HG50 / CN-IG51	 7.1mm Black	

- If it is necessary to adjust the length of the chain due to a change in the number of sprocket teeth, make the cut at some other place than the place where the chain has been joined using a reinforced connecting pin. The chain will be damaged if it is cut at a place where it has been joined with a reinforced connecting pin.



- Check that the tension of the chain is correct and that the chain is not damaged. If the tension is too weak or the chain is damaged, the chain should be replaced. If this is not done, the chain may break and you may fall off the bicycle.
- Obtain and read the service instructions carefully prior to installing the parts. Loose, worn, or damaged parts may cause injury to the rider. We strongly recommend only using genuine Shimano replacement parts.
- Read these Technical Service Instructions carefully, and keep them in a safe place for later reference.

## Technical Service Instructions

SI-1301E

# TL-CN32

HG/IG/UG  
Chain Cutter



### ⚠ WARNING

Protect eyes with safety glasses or goggles when using this chain cutter.

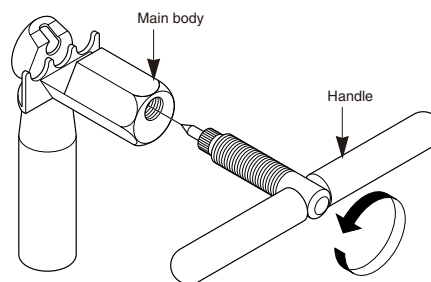
#### ■ Note

- The chain cutters have two spare pins inside the grips. If a pin becomes worn, replace it with one of the spare pins inside the grip by using the following procedure.

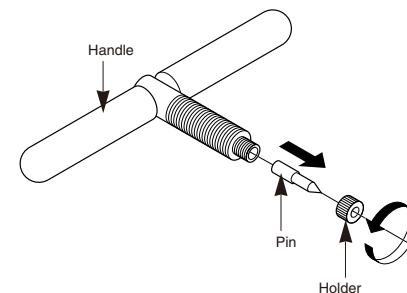
## Pin Replacement Method

The procedure for removing the pin is given below. To install a pin, carry out the removal procedure in reverse.

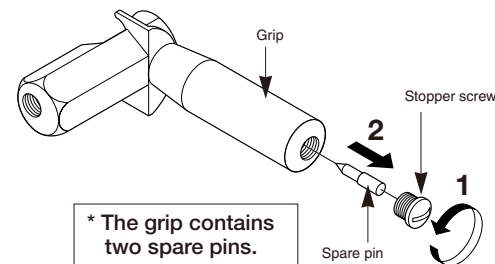
1. Remove the handle from the main body of the tool.



2. Remove the holder from the handle, and then take out the pin.



3. Remove the stopper screw from the base of the grip, and then take out a spare pin.



\* The grip contains two spare pins.

## SHIMANO

SHIMANO AMERICAN CORPORATION  
One Holland, Irvine, California 92618, U.S.A. Phone: +1-949-951-5003

SHIMANO EUROPE HOLDING B.V.  
Industrieweg 24, 8071 CT Nunspeet, The Netherlands Phone: +31-341-272222

SHIMANO INC.  
3-77 Oimatsu-cho, Sakai, Osaka 590-8577, Japan

Please note: specifications are subject to change for improvement without notice. (English)  
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