
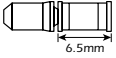
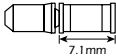


## General Safety Information

### ⚠ 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	 Silver	TL-CN32 / TL-CN23
9-speed super narrow chain such as CN-7701 / CN-HG93	 Silver	
8- / 7- / 6-speed narrow chain such as CN-HG50 / CN-IG51	 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-1309F

# TL-CN23

HG/IG/UG  
Chain Cutter



### ⚠ WARNING

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

## SHIMANO

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