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		Revision	00
		Date	15/05/2025
This manual is intended to <b>guide the user</b> in the safe and efficient use of this product.			

## LEGAL WARNING:

A workshop wrench is not a toy. It is a potentially dangerous tool, and improper use may result in legal liability or cause accidents.

## 1. IDENTIFICATION OF THE WORK AND TASKS

Manual tool used to tighten or loosen nuts and bolts. This category includes open-end wrenches, combination wrenches, adjustable wrenches, socket wrenches, hex keys and ring wrenches. They are essential for assembly, repair, mechanical and maintenance tasks in industrial workshops, automotive applications and construction.

## 2. RISK ASSESSMENT

### 2.1. Risk Identification

- Slipping of the wrench, which may cause impacts or cuts.
- Injuries caused by applying excessive force in an incorrect position.
- Damage to bolts or nuts if an unsuitable wrench is used.
- Impact injuries if auxiliary tools, such as hammers, are used to force the wrench.
- Fatigue or overexertion during repetitive work or when using large tools.
- Risk of electric shock and serious injury if wrenches are used on a live electrical installation.

### 2.2 Risk Assessment

Hazard	Consequence	Probability	Severity	Risk
Slipping	Impact or cut injuries to the hands	Medium	Medium	High
Excessive force	Muscle injury	Medium	Medium	Medium
Incorrect use	Damage to the workpiece or bolt	High	Low	Medium
Auxiliary tool	Breakage or impact injury	Medium	Medium	Medium
Repetitive use	Fatigue or tendinitis	High	Medium	High
Use on electrical installations	Risk of electrocution and/or serious injury	Medium	High	High

### 2.3. Preventive Measures for Identified Risks

- Use the correct wrench for the size and type of bolt or nut.
- Keep surfaces clean and dry to prevent slipping.
- Apply force in a controlled manner, always keeping the hand away from possible obstacles.

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- Do not use hammers or other tools to force the wrench.
- Do not use the wrench as a lever by extending the handle.
- Take breaks when working for long periods to prevent fatigue.
- Do not use the tool in damp conditions, rain or on wet floors without suitable protection.
- Wear mechanical protection gloves and safety glasses in environments where there is a risk of parts being projected.
- Always disconnect the installation.
- Verify the absence of voltage.
- When working with electricity, use tools with certified insulation (VDE) suitable for the voltage of the installation.
- Use the tool in properly lit areas.
- Do not use the wrench if the tool shows signs of wear.

#### **2.4. Corrective Measures in Case of Accident**

- Minor cut: Wash with soap and water, disinfect and cover with a dressing.
- Impact to the hand: Apply ice, assess mobility and seek medical advice if pain persists.
- Muscle fatigue: Stop working, stretch and seek medical advice if symptoms recur.
- Muscle injury, strain, impact, etc.: Stop work immediately and consult a specialist.

#### **2.5. Evaluation of the Effectiveness of the Measures**

Observe the proper use of wrenches, check the condition of the tools and reinforce good practices through continuous training.

### **3. INSTRUCTIONS FOR USE**

#### **3.1. Aspects to Consider Before Use**

- Select the correct type and size of wrench for the part to be handled.
- Check that the tool is clean and in good condition.
- Ensure that the work area is well lit and easily accessible.

#### **3.2. Aspects to Consider During Use**

- Fit the wrench fully onto the head of the bolt or nut.
- Apply force gradually and in a controlled manner.
- Turn in the correct direction, normally clockwise to tighten and counterclockwise to loosen.

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### **3.3. Warnings**

- Do not modify the tool by filing, bending, welding, etc.
- Do not use damaged or worn wrenches.
- Do not extend the wrench handle with pipes or other tools.
- Do not allow use by minors without supervision or by untrained persons.
- Do not use the wrench as a lever or for any purpose other than that for which it was designed.
- Keep all other parts of the body away from the operating range of the wrench, such as the head or legs. If the wrench slips, it may cause serious injuries.

## **4. MAINTENANCE AND STORAGE**

### **4.1. Cleaning**

- Clean after each use with a dry cloth. If there is grease or dirt, use a mild degreaser.

### **4.2. Inspection**

- Check the condition of the jaws, tips and body of the tool. Replace the tool if there are cracks, wear or deformation.

### **4.3. Storage**

- Store in a case, on a tool rack or in a toolbox. Classify by type or size to facilitate access.

### **4.4. Recycling and Environment**

- Take the tool to an authorised collection point for metal recycling. Do not dispose of it with organic or general waste.

## **5. CONTACT AND SUPPORT**

If you have any questions or need further assistance, please do not hesitate to contact our customer service team:

- **Email:** [comercial@bellota.com](mailto:comercial@bellota.com)
- **Phone:** 0034 943 73 90 00
- **Website:** [www.bellota.com](http://www.bellota.com)

Thank you for your trust in our products. We are committed to ensuring your safety and satisfaction.