

# **RATCHET EXTENSION DRIVE BAR AND LOW PROFILE SOCKET SET**



**1. FEATURES**

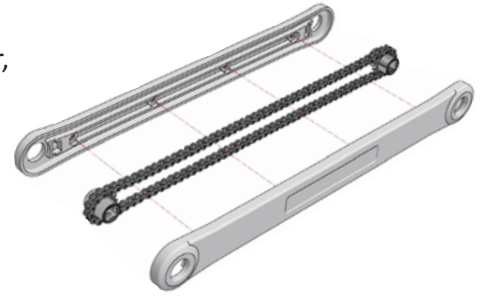
**2. SAFETY PRECAUTIONS**

**3. SPECIFICATION**

**4. INSTRUCTIONS**

## 1. FEATURES

- 340 mm / 13.4 in length extension drive bar enables easier works in confined spaces, such as water pump, power steering pump, generator, A/C compressor, transmissions and starter fasteners.
- Provided with two square drive adapters in 1/4" and 3/8"
- Chain-driven mechanism enhances working durability and smoothness
- Max torque allowed: 71.87 N m / 53 ft lb
- Includes 10 low profile socket from 8 to 17 m.



## 2. SAFETY PRECAUTIONS

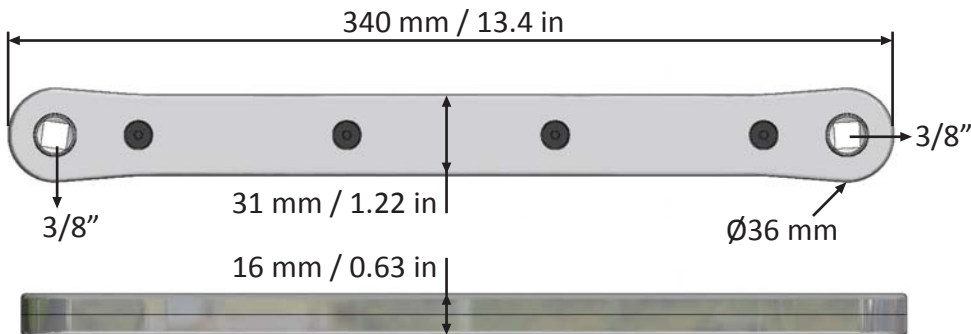


### CAUTION

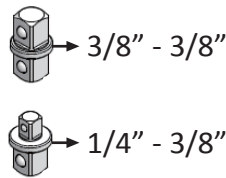


- Always read carefully the instructions before working
- DO NOT apply torque more than max allowable torque
- This tool is for working on repetitive bolt-on and bolt-off motions. For the initial loosening and final tightening, using a standard wrench is recommended
- Ensure the working area has adequate lighting
- Keep children and unauthorized persons away from the working area
- Keep working area clean and tidy, dry and free from unrelated materials
- DO NOT allow untrained persons to use this tool kit
- Always wear eye protection that meets OSHA and ANSI Z87.1 standards
- Always wear hand gloves when work with the tool
- Always wear ear protection
- Disposal: Customers should follow local regulations or entrust local organization to handle used/wasted parts

## 3. SPECIFICATIONS



Drive Bar Material	Aluminum
Drive Bar Surface	Chrome Plating
Adapter Material	SCM 440
Adapter Surface	Phosphate Manganese
Adapter Hardness	HRC 42-45



Socket Material	Cr-Mo
Socket Surface	Nickel-Chrome Plating
Socket Lengths	17.0 - 20.2 mm
Socket Sizes	8, 9, 10, 11, 12, 13, 14, 15, 16, 17 mm

## 4. INSTRUCTIONS

### FOR LOOSENING

1. Use a standard wrench connect to a low profile socket to loosen the fastener
2. Use the 3/8" adapter and fit it to the low profile socket to remove the fastener (as the image on right)

### FOR TIGHTENING

1. Use the 3/8" adapter and fit it to a low profile socket to install the fastener
2. Use a standard wrench to tighten the fastener with adequate torque

