



⚠️ WARNING

IMPACT SOCKETS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Do not hold impact sockets, universal joints or extensions while an impact tool is running. Serious hand injury can occur.
- 3/4" drive and larger drive size impact sockets require the use of a Ret Ring® or a Pin & O-ring to secure the socket to the driving square.
- Never use a nail or homemade pin for holding a socket in place.
- Never exceed the manufacturer's gun pressure rating.
- Impact sockets are to be used to turn (tighten or loosen) fasteners while being driven by a power, impact or hydraulic driver.
- Never dwell on a socket after it has stopped running. This can damage both the socket and the fastener.
- Place the socket all the way on the fastener before starting the gun.
- Adaptor strength is limited to the smallest drive square member.
- Mind the joints between the gun and fasteners for less loss of torque and less wear.
- Use the correct size socket. Do not use metric sockets on inch fasteners or inch sockets on metric fasteners, because the fit is not good enough. Do not use hex sockets on square fasteners or square sockets on hex fasteners.
- Never use sockets as a driver for hex or square bits or shafts.
- Large drive impact sockets are inherently heavy and care needs to be taken during handling.
- Socket opening configurations shall be inspected before each use and their use discontinued at the first sign of significant wrenching surface deterioration.
- Inspect and discard worn or cracked sockets.

ASME B107.110 – Socket Wrenches
ASME B107.300 – Torque Instruments

SCREWDRIVERS AND NUT DRIVERS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock. Screwdrivers and nut drivers shall not be used on or near live electric circuits.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs. Minimize pressure. Screws are driven by torque (turning power), not pressure.
- Match the type of screwdriver to the head of the screw and select the appropriate size screwdriver to do the job.
- Never sharpen or alter a screwdriver to change the fit.
- Use the correct size nutdriver to fit the fastener. Do not use inch nut drivers on metric fasteners or metric nut drivers on inch fasteners because the fit is not good enough.
- Never use a screwdriver or nut driver for prying, punching, chiseling, scoring or scraping.
- Never hammer on screwdrivers or nut drivers and never use a screwdriver or a nutdriver as a hammer.
- Never use cheater bars to increase handle leverage.
- Never expose any screwdriver or nut driver to excessive heat, which may change the hardness or microstructure and ruin the tool.
- Never use pliers on the handle of a screwdriver or nutdriver to get extra turning power. A wrench can be used on the square shank or bolster of screwdrivers designed for that purpose.
- Keep handles clean for a secure grip.
- Inspect and discard bent, worn, cracked or damaged screwdrivers or nut drivers. Do not grind or attempt to repair screwdrivers.

ASME B107.110 – Nut drivers
ASME B107.600 – Screwdrivers



⚠️ WARNING
Wear safety goggles user and bystander.



⚠️ WARNING
Before using tools, read and understand all safety information.



⚠️ WARNING
Comfort or plastic grips do not protect against electric shock.



⚠️ WARNING
Hand use only. Not for impact use.



⚠️ WARNING
Always use a Ret Ring® when working with impact products.



⚠️ WARNING
DO NOT use any tool unless you are absolutely sure of what you are doing. Improper use may result in INJURY or DEATH.



FLAT WRENCHES

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and shall not be used on or near live electric circuits.
- Wrenches are to be used by hand only. Do not use cheater bars or any other means of increasing leverage. The only wrenches that can be struck with a hammer are striking wrenches.
- Never use wrenches for prying or as a hammer.
- Never expose any wrench to excessive heat, which may change the hardness or microstructure and ruin the tool.
- Wrenches are to be used to turn (tighten and loosen) fasteners.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs.
- Use the correct size wrench. Do not use metric wrenches on inch fasteners or inch wrenches on metric fasteners, because the fit is not good enough.
- Always be sure to fully seat an open-end wrench on the nut or bolt.
- Adjustable wrenches need to be tightly adjusted to fit the nut with the force applied to the fixed jaw. Never use adjustable wrenches for the initial breaking loose of a "frozen" fastener or for final tightening.
- Pipe wrenches are designed to turn or hold pipe; never use a pipe wrench to bend, raise or lift a pipe. Do not use pipe wrenches on square stock.
- Inspect each pipe wrench or adjustable wrench before use for worn or broken teeth, thumbscrews or jaws and discard if deteriorated.
- Inspect and discard bent, worn or cracked wrenches.
- Wrench opening configurations shall be inspected before each use and their use discontinued at the first sign of significant wrenching surface deterioration.
- Wrenches shall not be used when jaws are sprung to the point slippage may occur.

ASME B107.100 – Flat Wrenches

HAND SOCKETS, HANDLES & ATTACHMENTS

- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and shall not be used on or near live electric circuits.
- Never use hand sockets or hand attachments on power drivers, impact drivers or hydraulic drivers. Black industrial sockets, Torx® sockets and Torx® bit sockets are designed and finished to be hand sockets – not impact.
- Never use cheater bars to increase handle leverage.
- Never hammer on a ratchet or handle.
- Never use ratchets or other handles as a hammer or pry bar.
- Hand sockets are to be attached to ratchets and handles and used by hand to turn fasteners.
- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs.
- Use the correct size socket, do not use metric sockets on inch fasteners or inch sockets on metric fasteners, because the fit is not good enough. Do not use hex sockets on square fasteners or square sockets on hex fasteners.
- Place the socket all the way on the fastener.
- Adaptor strength is limited to the smallest drive square member.
- Never use sockets as a driver for hex or square bits or shafts.
- Inspect and discard bent, worn or cracked sockets, handles or attachments.
- Socket opening configurations shall be inspected before each use and their use discontinued at the first sign of significant wrenching surface deterioration.

ASME B107.110 – Socket Wrenches

HEX KEYS – ASME B18.3.2M – HEXAGON KEYS AND BITS

- Users shall apply a controlled force with a stance adjusted and braced to prevent rapid bodily movement or a fall if sudden release occurs.
- Never hammer on a hex key.
- Never use a pipe or cheater bar on the handle or key end.
- Do not repair hex key wrenches.
- Inspect and discard bent, deformed or cracked hex key tools.
- Users and bystanders must wear safety goggles.
- To avoid possible eye injury from flying objects, safety goggles or equivalent protection conforming to ANSI Z87.1 shall be worn and kept clean by the user and all persons in the immediate area where any tool is being used.
- Comfort or plastic grips on handles are not intended to give any degree of protection against electric shock and shall not be used on or near live electric circuits.