



# KLEIN WRENCHES

## Ratcheting Box Wrenches



### Individual Ratcheting Box Wrenches

For use in confined spaces and on long studs. Laminated construction for greater strength. Ratchet is reversed by turning wrench over. Chrome-plated finish. Single-hex and double-hex types available. Different size openings at each end.

Cat. No.	Size	Length
<b>Single Hex</b>		
68200	1/4" x 5/16"	4 1/4" (108 mm)
68201	3/8" x 7/16"	5 1/2" (140 mm)
68202	1/2" x 9/16"	6 1/2" (165 mm)
<b>Double Hex</b>		
68203	5/8" x 1 1/16"	8" (203 mm)
68204	5/8" x 3/4"	8" (203 mm)
68205	1 1/16" x 3/4"	9 1/4" (235 mm)
68206	1 3/16" x 7/8"	9 1/4" (235 mm)



### 5-Piece Set

Five ratcheting box wrenches packed in a vinyl 8 1/2"W x 10"H (216 x 254 mm) pouch with individual pockets. Wrenches flip over to reverse ratchet. Cat. No's. 68200, 68201 and 68202 are single hex; all others are double hex.

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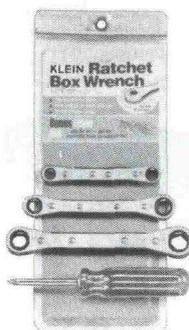
Kit rolls up for easy storage.



### 7-Piece Ratcheting Box-Wrench Set

Set of the ratcheting box wrenches in heavy plastic roll-up pouch. Two grommets holes for hanging.

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### 4-Piece Tool Kit

Contains No. 68200, No. 68201, and No. 68202 ratcheting box wrenches (see 5-piece set Cat. No. 68221 for sizes) plus No. DUH4 reversible-blade driver with No. 2 Phillips and 1/4" slotted tips. In 5" x 12" (127 x 305 mm) press-lock vinyl pouch.

Cat. No.	Description
68220	4-Piece Tool Kit.



### Individual Metric Ratcheting Box Wrenches

Double-end wrenches with nickel-chrome finish, short-arc operation and heat-treated socket ends. Seven wrenches provide 14 metric openings.

Cat. No.	Nominal Openings	Head Thickness	Length
<b>Single Hex</b>			
68250	7 x 8 mm	3/8"	4 5/16"
68251	9 x 10 mm	3/8"	5 1/2"
68252	11 x 12 mm	1/2"	6 13/16"
68253	13 x 14 mm	1/2"	6 13/16"
<b>Double Hex</b>			
68254	15 x 17 mm	1/2"	8 1/8"
68255	16 x 18 mm	1/2"	8 1/8"
68256	19 x 21 mm	1/2"	8 1/8"



### 7-Piece Metric Ratcheting-Wrench Set

A convenient roll-up/hang-up pouched set with individual wrench pockets. Vinyl pouch with grommets holes for hanging. Cat. No's. 68254, 68255, and 68256 have 12 points, all others have 6 points. Flip over to reverse ratcheting action.

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## Introduction

Klein makes a variety of standard and special-purpose wrenches for professional use. They are designed and built to feel right and work right...and meet the highest quality standards.

All Klein wrenches are drop-forged from the finest steel alloy, hardened, and thoroughly tempered for great strength, light weight, and long wear.

Wrench openings are smooth and accurately broached for close, correct fit to prevent slipping and to provide a sure, positive pull every time. Wrench ends are of the right thickness for the most efficient performance of each specific job.

Handles are rounded and shaped for comfortable use. Each handle is of the correct length for maximum leverage and for proper balance in your hand. Some Klein adjustable wrenches are available with plastic-dipped handles for better gripping and comfort. ●

### The right wrench for every job.

Whatever the job, only a wrench of the proper type and size will give you the kind of results you want. That one right wrench will do the job correctly, with less effort and more safety than any other wrench.

This is a basic and obvious fact. We state it here only to reinforce the professional approach to tool selection. The man who makes his living with tools never needs to improvise, because the right tool is always available to him.

### Using wrenches.

Stop! take a minute to read these few simple rules. We know you're not likely to find anything new here, but you might find something you've almost forgotten.

- 1. Never use a wrench to do another tool's job.** You won't do the job as well and you might damage or even break the wrench. And using a wrench as a hammer or a pry bar or anything else can be dangerous. Take the time to get the right tool.
- 2. Never use a wrench opening too large for the fastener.** Using a wrench opening too large for the nut or bolt can spread the jaws of an open-end wrench and batter the points of a box or socket wrench. A too-large wrench opening can also spoil the points of the nut or bolt head. And when selecting a wrench for proper fit, take special care to use inch wrenches on inch fasteners and metric wrenches on metric fasteners.

- 3. Never push a wrench beyond its capacity.** Quality wrenches are designed and sized to keep leverage and intended load (torque) in safe balance. The use of an artificial extension on the handle of any wrench can break the wrench, spoil the work, and hurt the user. Instead, get a larger wrench or a different kind of wrench to do the job. The most efficient wrench is a box or socket type. To free a "frozen" nut or bolt, use a striking-face box wrench or a heavy-duty box or socket wrench; never use an open-end wrench. And apply penetrating oil beforehand.

- 4. Never expose a wrench to excessive heat.** Direct flame can draw the temper from the metal, weakening and possibly warping it, making it unsafe to use.

- 5. Never push on a wrench unless absolutely necessary.** There may be situations in which you can only push a wrench handle to loosen or tighten a nut or bolt. But *you should always pull on a wrench* to exert even pressure and avoid injury if the wrench slips or the nut breaks loose unexpectedly. If you must push the wrench, do it with the palm of your hand and hold your palm open.

- 6. Never cock or tilt an open-end wrench.** Always be sure the nut or bolt head is fully seated in the jaw opening. A box or socket wrench should be used on hard-to-reach fasteners. Adjustable wrenches should be tightly adjusted to the work and pulled so that the force is applied to the fixed jaw.

- 7. Never depend on plastic-dipped handles to insulate you from electricity.** Plastic-dipped handles are for comfort and a firmer grip. *They are not intended for protection against electric shock.*

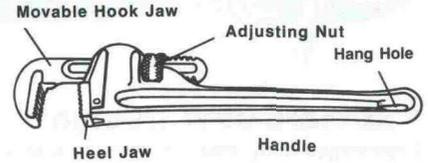
### Repair or replace?

Attempts to repair box, open-end, or combination wrenches are *not recommended*. Any of these wrenches with bent handles, spread, nicked or battered jaws or rounded or damaged box points should be discarded and replaced.

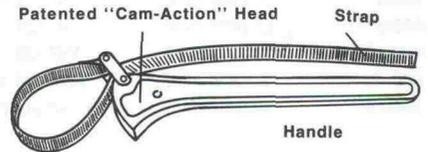
Socket and adjustable wrenches can be repaired by the replacement of damaged parts. Periodic inspection, cleaning, and light lubrication will maintain these wrenches and reveal any damage. An adjustable wrench with a spread or damaged fixed jaw or a bent handle should be discarded and replaced. Bent socket wrench handles and extensions, and cracked or battered sockets should be discarded and replaced.

### The parts of a wrench.

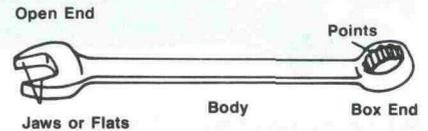
#### Straight Pattern Pipe Wrench



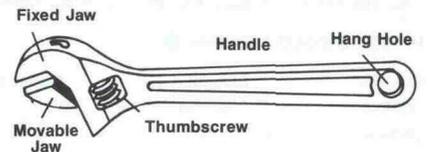
#### Grip-It Strap Wrench



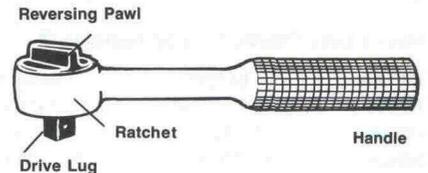
#### Combination Open-End and Box Wrench



#### Adjustable Wrench



#### Socket Wrench



● **CAUTION:** Plastic-dipped or slip-on plastic handles are **NOT** intended for protection against electrical shock. This caution includes heavy-duty plastic-dipped handles.