

Adjustable Wrenches

Features:

Precision-machined jaws are individually chosen and assembled by hand for smooth operation.

Available in high-capacity.

Durable chrome-plated finish.

Knurl turns smoothly for easy operation.

Contoured handles for comfortable use.



MADE IN USA

Corrosion

Rail is ground for precision fit.

Heat-treated for long life.

Adjustable Wrenches – Extra Capacity

Additional Features:

- Extra capacity allows use of a smaller size wrench to handle bigger jobs, especially in confined spaces.
- Forged heat-treated alloy steel for maximum strength and light weight.
- High-polish chrome finish.



D507-8

| Cat. No. | Handle Finish | Length | Capacity | Weight (lbs.) |
|----------|----------------------------|------------------|-----------------|---------------|
| 507-6 | high-polish chrome | 6-1/4" (158 mm) | 15/16" (23 mm) | .25 |
| 507-8 | high-polish chrome | 8-1/4" (209 mm) | 1-1/8" (28 mm) | .51 |
| 507-10 | high-polish chrome | 10-1/4" (260 mm) | 1-5/16" (33 mm) | .86 |
| 507-12 | high-polish chrome | 12-1/4" (311 mm) | 1-1/2" (38 mm) | 1.32 |
| D507-6 | plastic-dipped | 6-3/8" (162 mm) | 15/16" (23 mm) | .27 |
| D507-8 | plastic-dipped | 8-3/8" (213 mm) | 1-1/8" (28 mm) | .62 |
| D507-10 | plastic-dipped | 10-3/8" (264 mm) | 1-5/16" (33 mm) | 1.00 |
| D507-12 | plastic-dipped | 12-3/8" (315 mm) | 1-1/2" (38 mm) | 1.54 |
| HD507-6 | heavy-duty, plastic-dipped | 6-3/8" (162 mm) | 15/16" (23 mm) | .27 |
| HD507-8 | heavy-duty, plastic-dipped | 8-3/8" (213 mm) | 1-1/8" (28 mm) | .54 |
| HD507-10 | heavy-duty, plastic-dipped | 10-3/8" (264 mm) | 1-5/16" (33 mm) | 1.00 |
| HD507-12 | heavy-duty, plastic-dipped | 12-3/8" (315 mm) | 1-1/2" (38 mm) | 1.54 |

Adjustable Wrenches – Standard Capacity, Plastic-Dipped Handles

Additional Features:

- Plastic-dipped handles for added comfort.
- Forged heat-treated alloy steel for maximum strength and light weight.
- High-polish chrome finish.

D506-15

| Cat. No. | Handle Type | Handle Finish | Length | Capacity | Weight (lbs.) |
|----------|-------------|----------------------------|------------------|------------------|---------------|
| D506-4 | dovetail | plastic-dipped | 4-1/2" (114 mm) | 1/2" (12 mm) | .13 |
| D506-15 | tapered | plastic-dipped | 15-1/8" (384 mm) | 1-11/16" (42 mm) | 3.21 |
| D500-18 | tapered | plastic-dipped | 18-3/8" (467 mm) | 2-1/16" (52 mm) | 5.02 |
| D500-24 | tapered | plastic-dipped | 24-1/4" (616 mm) | 2-1/2" (63 mm) | 8.26 |
| HD506-4 | dovetail | heavy-duty, plastic-dipped | 4-1/2" (114 mm) | 1/2" (12 mm) | .13 |

All dimensions are in inches and (millimeters).

AWARNING: Always wear approved eye protection.

AWARNING: Do NOT push or hammer wrench.

AWARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

AWARNING: Do NOT extend handle length.

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Adjustable Wrenches – Standard Capacity

Additional Features:

- Forged heat-treated alloy steel for maximum strength and light weight.
- High-polish chrome finish.



| Cat. No. | Handle Type | Handle Finish | Length | Capacity | Weight (lbs.) |
|----------|-------------|--------------------|------------------|------------------|---------------|
| 506-4 | dovetail | high-polish chrome | 4-1/4" (108 mm) | 1/2" (12 mm) | .11 |
| 506-15 | tapered | high-polish chrome | 15-7/8" (403 mm) | 1-11/16" (42 mm) | 2.92 |
| 500-18 | tapered | high-polish chrome | 18-1/4" (463 mm) | 2-1/16" (52 mm) | 4.67 |
| 500-24 | tapered | high-polish chrome | 24" (610 mm) | 2-1/2" (63 mm) | 7.76 |

Adjustable Wrenches – Standard Capacity, Black Finish

Additional Features:

- Forged and heat-treated alloy steel for maximum strength and light weight.
- Industrial black finish for corrosion resistance.



D508-6

| Cat. No. | Handle Finish | Length | Capacity | Weight (lbs.) |
|----------|-------------------------|------------------|----------------|---------------|
| 508-6 | industrial black finish | 6-1/4" (158 mm) | 3/4" (19 mm) | .25 |
| D508-10 | plastic-dipped | 10-3/8" (264 mm) | 1-1/8" (28 mm) | 1.00 |

Adjustable-Head Construction Wrenches

- Versatile wrench fits nuts and bolts to 1-1/2" (38 mm).
- Eliminates the need to carry several fixed-size wrenches.
- Forged from select alloy steel with continuous-taper handle.
- Industrial black finish for corrosion resistance.
- Handy lanyard hole (Cat. No. 3227).
- Fits nuts and bolts to 1-5/16" (33 mm) (Cat. No. 3227).



| Cat. No. | Max. Size Capacity | Length | Weight (lbs.) |
|----------|--------------------|--------------|---------------|
| 3239 | 1-1/2" (38 mm) | 16" (406 mm) | 2.36 |
| 3227 | 1-5/16" (33 mm) | 11" (279 mm) | 1.20 |

All dimensions are in inches and (millimeters).

AWARNING: Always wear approved eye protection.

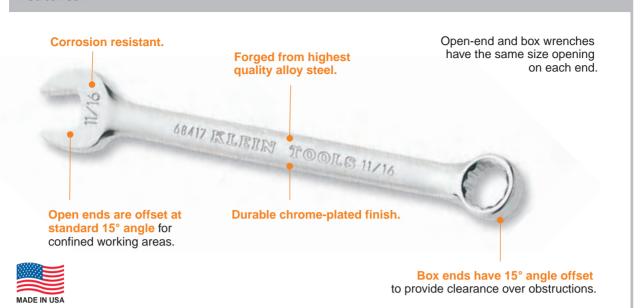
AWARNING: Do NOT push or hammer wrench.

AWARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



Combination Wrenches

Features:



7-Piece Combination Wrench Set

| Cat. No. | Set Contair | 1S | | | Weight (lbs.) |
|----------|--------------|--------------|-----------------|---------------|---------------|
| 68400 | | | | , | 1.23 |
| | Cat. No. | Size | Length | Box End Point | |
| | 68410 | 1/4" | 5-1/8" | 12 | _ |
| | 68411 | 5/16" | 4-3/8" | 12 | |
| | 68412 | 3/8" | 6-1/8" | 12 | _ |
| | 68413 | 7/16" | 6-3/8" | 12 | _ |
| | 68414 | 1/2" | 7-1/8" | 12 | _ |
| | 68415 | 9/16" | 7-1/2" | 12 | _ |
| | 68416 | 5/8" | 8-1/8" | 12 | |
| | Includes pou | ch with mark | ked pockets for | each wrench | _ |



68400

9-Piece Combination Wrench Set

| Cat. No. | Set Contair | 18 | | | Weight (lbs.) |
|----------|--------------|--------------|-----------------|---------------|---------------|
| 68402 | | | | | 2.07 |
| | Cat. No. | Size | Length | Box End Point | |
| | 68410 | 1/4" | 5-1/8" | 12 | _ |
| | 68411 | 5/16" | 4-3/8" | 12 | _ |
| | 68412 | 3/8" | 6-1/8" | 12 | _ |
| | 68413 | 7/16" | 6-3/8" | 12 | _ |
| | 68414 | 1/2" | 7-1/8" | 12 | = |
| | 68415 | 9/16" | 7-1/2" | 12 | _ |
| | 68416 | 5/8" | 8-1/8" | 12 | _ |
| | 68417 | 11/16" | 9" | 12 | _ |
| | 68418 | 3/4" | 9-1/8" | 12 | _ |
| | Includes pou | ch with marl | ked pockets for | each wrench | _ |



68402

All dimensions are in inches.

AWARNING: Always wear approved eye protection.

AWARNING: Do NOT push or hammer wrench.

AWARNING: Do NOT extend handle length.

Wrenches

12-Piece Combination Wrench Set

| Cat. No. | Set Contains | | | | Weight (lbs.) |
|----------|-----------------|------|--------|---------------|------------------|
| 68404 | | | | | 4.13 |
| | Cat. No. | Size | Length | Box End Point | |
| | 68410 | 1/4" | 5-1/8" | 12 | |

| Cat. No. | Size | Length | Box End Point | Γ |
|-------------|-----------|-------------|----------------------|---|
| 68410 | 1/4" | 5-1/8" | 12 | _ |
| 68411 | 5/16" | 4-3/8" | 12 | - |
| 68412 | 3/8" | 6-1/8" | 12 | _ |
| 68413 | 7/16" | 6-3/8" | 12 | _ |
| 68414 | 1/2" | 7-1/8" | 12 | - |
| 68415 | 9/16" | 7-1/2" | 12 | _ |
| 68416 | 5/8" | 8-1/8" | 12 | _ |
| 68417 | 11/16" | 9" | 12 | - |
| 68418 | 3/4" | 9-1/8" | 12 | _ |
| 68419 | 13/16" | 10-9/16" | 12 | _ |
| 68420 | 7/8" | 11-1/2" | 12 | - |
| 68421 | 15/16" | 12-1/2" | 12 | - |
| Includes po | ouch with | marked pock | kets for each wrench | - |
| | | | | - |



68404

14-Piece Combination Wrench Set

| Cat. No. | Set Contains | Weight (lbs.) |
|----------|-----------------|------------------|
| 68406 | | 9.75 |
| | | |

| _ | | | | ć |
|-------------|------------|--------------|---------------------|---|
| Cat. No. | Size | Length | Box End Point | |
| 68412 | 3/8" | 6-1/8" | 12 | _ |
| 68413 | 7/16" | 6-3/8" | 12 | |
| 68414 | 1/2" | 7-1/8" | 12 | |
| 68415 | 9/16" | 7-1/2" | 12 | _ |
| 68416 | 5/8" | 8-1/8" | 12 | |
| 68417 | 11/16" | 9" | 12 | _ |
| 68418 | 3/4" | 9-1/8" | 12 | |
| 68419 | 13/16" | 10-9/16" | 12 | |
| 68420 | 7/8" | 11-1/2" | 12 | _ |
| 68421 | 15/16" | 12-1/2" | 12 | _ |
| 68422 | 1" | 13-1/2" | 12 | |
| 68423 | 1-1/16" | 14-5/8" | 12 | |
| 68424 | 1-1/8" | 15-9/16" | 12 | _ |
| 68425 | 1-1/4" | 16-7/8" | 12 | _ |
| Includes po | uch with m | narked pocke | ets for each wrench | _ |

68406

Combination Wrenches

| Cat. No. | Size | Length | Box End Point | Weight (lbs.) |
|----------|--------|--------|---------------|---------------|
| 68410 | 1/4" | 5-1/8" | 12 | .05 |
| 68411 | 5/16" | 4-3/8" | 12 | .05 |
| 68412 | 3/8" | 6-1/8" | 12 | .10 |
| 68413 | 7/16" | 6-5/8" | 12 | .14 |
| 68414 | 1/2" | 7-1/8" | 12 | .18 |
| 68415 | 9/16" | 7-1/2" | 12 | .23 |
| 68416 | 5/8" | 8-1/2" | 12 | .28 |
| 68417 | 11/16" | 9" | 12 | .37 |
| 68418 | 3/4" | 9-7/8" | 12 | .46 |

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| Cat. No. | Size | Length | Box End Point | Weight (lbs.) |
|----------|---------|---------|----------------------|---------------|
| 68419 | 13/16" | 10-5/8" | 12 | .53 |
| 68420 | 7/8" | 11-1/2" | 12 | .67 |
| 68421 | 15/16" | 12-1/2" | 12 | .79 |
| 68422 | 1" | 13-1/4" | 12 | .93 |
| 68423 | 1-1/16" | 14-1/4" | 12 | 1.18 |
| 68424 | 1-1/8" | 15-1/2" | 12 | 1.52 |
| 68425 | 1-1/4" | 16-3/4" | 12 | 1.88 |

All dimensions are in inches.

AWARNING: Always wear approved eye protection.

AWARNING: Do NOT push or hammer wrench.



Combination Wrenches – Metric

7-Piece Combination Wrench Set – Metric

| Cat. No. | Set Contai | ins | | | Weight (lbs.) |
|----------|-------------|-------------|------------------|----------------|---------------|
| 68500 | | | | | 1.21 |
| | Cat. No. | Size | Box End Point | Length | |
| | 68507 | 7 mm | 12 | 130 mm | _ |
| | 68509 | 9 mm | 12 | 155 mm | _ |
| | 68510 | 10 mm | 12 | 165 mm | _ |
| | 68511 | 11 mm | 12 | 165 mm | _ |
| | 68513 | 13 mm | 12 | 181 mm | |
| | 68514 | 14 mm | 12 | 191 mm | _ |
| | 68515 | 15 mm | 12 | 191 mm | |
| | Includes po | uch with ma | rked pockets fo | or each wrench | _ |



68500

11-Piece Combination Wrench Set — Metric

| Cat. No. | Set Contains | ; | | | Weight (lbs.) |
|----------|--------------|-------|------------------|--------|---------------|
| 68502 | | | | | 2.35 |
| | Cat. No. | Size | Box End Point | Length | |
| | 68507 | 7 mm | 12 | 130 mm | |
| | 68508 | 8 mm | 12 | 137 mm | |
| | 68509 | 9 mm | 12 | 155 mm | |
| | 68510 | 10 mm | 12 | 165 mm | |
| | 68511 | 11 mm | 12 | 165 mm | |
| | 68512 | 12 mm | 12 | 181 mm | • |
| | 68513 | 13 mm | 12 | 181 mm | |
| | 68514 | 14 mm | 12 | 191 mm | • |
| | 68515 | 15 mm | 12 | 191 mm | |
| | 68517 | 17 mm | 12 | 229 mm | • |
| | 68519 | 19 mm | 12 | 248 mm | • |



68502

Combination Wrenches – Metric

Includes pouch with marked pockets for each wrench







68512

| Cat. No. | Size | Length | Box End Point | Weight (lbs.) |
|----------|-------|--------|---------------|---------------|
| 68513 | 13 mm | 181 mm | 12 | .16 |
| 68514 | 14 mm | 191 mm | 12 | .22 |
| 68515 | 15 mm | 191 mm | 12 | .22 |
| 68517 | 17 mm | 229 mm | 12 | .39 |
| 68519 | 19 mm | 248 mm | 12 | .42 |

All dimensions are in inches or millimeters.

AWARNING: Always wear approved eye protection.

AWARNING: Do NOT push or hammer wrench.

AWARNING: Do NOT extend handle length.

Features:



5-Piece Open-End Wrench Set

| Cat. No. | Set Contains | | | | Weight (lbs.) |
|----------|----------------|------------------|--------------------|--------|---------------|
| 68450 | | | | | 1.08 |
| | Cat. No. | Small Size | Large Size | Length | |
| | 68460 | 1/4" | 5/16" | 4-3/4" | |
| | 68461 | 3/8" | 7/16" | 6" | |
| | 68462 | 1/2" | 9/16" | 7" | _ |
| | 68463 | 9/16" | 5/8" | 7-1/2" | <u> </u> |
| | 68464 | 11/16" | 3/4" | 9" | _ |
| | Includes pouch | with marked pocl | kets for each wren | ch | _ |



7-Piece Open-End Wrench Set

| Cat. No. | Set Contains | | | | Weight (lbs.) |
|----------|----------------|----------------|------------------|--------|---------------|
| 68452 | | | | | 2.46 |
| | Cat. No. | Small Size | Large Size | Length | |
| | 68460 | 1/4" | 5/16" | 4-3/4" | - |
| | 68461 | 3/8" | 7/16" | 6" | - |
| | 68462 | 1/2" | 9/16" | 7" | - |
| | 68463 | 9/16" | 5/8" | 7-1/2" | - |
| | 68464 | 11/16" | 3/4" | 9" | - |
| | 68465 | 13/16" | 7/8" | 10" | = |
| | 68466 | 15/16" | 1" | 11" | - |
| | Includes pouch | with marked po | ckets for each w | rench | - |



68452

Open-End Wrenches

| Cat. No. | Small Size | Large Size | Length | Weight (lbs.) |
|----------|------------|------------|--------|---------------|
| 68460 | 1/4" | 5/16" | 4-3/4" | .04 |
| 68461 | 3/8" | 7/16" | 6" | .10 |
| 68462 | 1/2" | 9/16" | 7" | .17 |
| 68463 | 9/16" | 5/8" | 7-1/2" | .20 |
| 68464 | 11/16" | 3/4" | 9" | .36 |
| 68465 | 13/16" | 7/8" | 10" | .55 |
| 68466 | 15/16" | 1" | 11" | .80 |



68463

All dimensions are in inches or millimeters.

AWARNING: Do NOT push or hammer wrench.

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Socket Wrench Sets

8-Piece 1/2-Inch Drive Deep-Socket Set



Set consists of the following pieces:

- Eight 12-point deep sockets: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", and 15/16".
- Hinged metal box.

| Cat. No. | Description | Weight (lbs.) |
|----------|---|---------------|
| 65514 | complete 8-piece 1/2" drive, deep-socket set plus metal box | 4.53 |

16-Piece 1/2-Inch Drive Socket



Set consists of the following pieces:

- Thirteen 12-point sockets: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", and 1-1/4".
- One extension: 5" long.
- One flex handle: 17" long.
- One ratchet.
- Hinged metal box.

| Cat. No. | Description | Weight (lbs.) |
|----------|---|---------------|
| 65512 | complete 16-piece 1/2" drive set plus metal box | 9.63 |

12-Piece 1/2-Inch Drive Socket Wrench Set



65510

Set consists of the following pieces:

- Nine 12-point sockets: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", and 15/16".
- One extension: 5" long.
- One spark plug socket: 5/8".
- One ratchet.
- Hinged metal box.

| Cat. No. | Description | Weight (lbs.) |
|----------|---|---------------|
| 65510 | complete 12-piece 1/2" drive set plus metal box | 5.37 |

8-Piece 3/8-Inch Drive Deep-Socket Set



Set consists of the following pieces:

- Eight 6-point deep sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" and 13/16".
- Hinged metal box.

| Cat. No. | Description | Weight (lbs.) |
|----------|---|---------------|
| 65502 | 8-piece deep-socket 3/8" drive set plus metal box | 2.66 |

13-Piece 3/8-Inch Drive Socket Set - Metric

Set consists of the following pieces:

- Thirteen 6-point sockets: 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, and 19 mm.
- Handy, flip-lock tray.

| Cat. No. | Description | Weight (lbs.) |
|----------|--------------------------------|---------------|
| 65506 | 13 sockets plus flip-lock tray | 1.33 |



9-Piece 3/8-Inch Drive "D" Socket **Wrench Set**



Special tool selection for telephone work on cable enclosures and pole hardware.



- Four 6-point deep sockets: 3/8", 7/16", 1/2", and 9/16".
- One 3/8"-drive reversible ratchet: 7-7/8" long.
- Two extensions: 3" and 5" long.
- One 9/16" combination wrench: 6-5/8" long.
- One 3/16" hex nut driver.
- Hinged metal box.

| Cat. No. | Description | Weight (lbs.) |
|----------|--|---------------|
| 65503 | complete 9-piece "D" wrench kit plus metal box | 3.60 |

12-Piece 3/8-Inch Drive Socket **Wrench Set**



Set consists of the following pieces:

- Four 6-point sockets: 3/8", 7/16", 1/2", and 9/16".
- Four 12-point sockets: 5/8", 11/16", 3/4", and 13/16".
- One spark plug socket: 5/8".
- Two extensions: 1-3/4" and 6" long.
- One ratchet.
- Hinged metal box.

| Cat. No. | Description | Weight (lbs.) |
|----------|---|---------------|
| 65504 | complete 12-piece 3/8" drive set plus metal box | 3.62 |

20-Piece 3/8-Inch Drive Socket **Wrench Set**



Set consists of the following pieces:

- Four 6-point sockets: 3/8", 7/16", 1/2", and 9/16".
- Five 12-point sockets: 5/8", 11/16", 3/4", 13/16", and 7/8".
- Eight 6-point deep sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", and 13/16".
- Two extensions: 1-3/4", and 3" long.
- One ratchet.
- Hinged metal box.

| Cat. No. | Description | Weight (lbs.) |
|----------|---|---------------|
| 65508 | complete 20-piece 3/8" drive set plus metal box | 5.40 |

13-Piece 1/4-Inch Drive Socket **Wrench Set**



Set consists of the following pieces:

- Nine 6-point sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", and 1/2".
- One spinner handle.
- Two extensions: 2" and 6" long.
- One ratchet.
- Hinged metal box.

| Cat. No. | Description | Weight (lbs.) |
|----------|---|---------------|
| 65500 | complete 13-piece 1/4" drive set plus metal box | 2.07 |
| | | |





Socket Wrenches

1/4-Inch Drive — Standard 6-Point Sockets

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1/4-Inch Drive — Deep 6-Point Sockets

| Cat. No. | Size | Weight (lbs.) |
|----------|--------|---------------|
| 65610 | 1/4" | .06 |
| 65611 | 9/32" | .06 |
| 65612 | 5/16" | .05 |
| 65613 | 11/32" | .07 |
| 65614 | 3/8" | .08 |
| 65615 | 7/16" | .09 |
| 65616 | 1/2" | .11 |



1/4-Inch Drivers and Extensions

| Cat. No. | Description | Weight (lbs.) |
|----------|----------------|---------------|
| 65620 | 4-3/4" ratchet | .32 |
| 65621 | spinner handle | .19 |
| 65622 | 2" extension | .05 |
| 65623 | 6" extension | .14 |
| | | - It- |

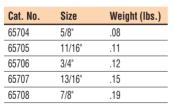




65623

65621

3/8-Inch Drive — Standard 12-Point Sockets







65706

3/8-Inch Drive — Standard 6-Point Sockets

| Cat. No. | Size | Weight (lbs.) |
|----------|-------|---------------|
| 65700 | 3/8" | .05 |
| 65701 | 7/16" | .05 |
| 65702 | 1/2" | .06 |
| 65703 | 9/16" | .06 |





6570

3/8-Inch Drive — Metric 6-Point Sockets

| Cat. No. | Size | Weight (lbs.) |
|----------|-------|---------------|
| 65907 | 7 mm | .04 |
| 65908 | 8 mm | .04 |
| 65909 | 9 mm | .05 |
| 65910 | 10 mm | .05 |
| 65911 | 11 mm | .05 |
| 65912 | 12 mm | .06 |
| 65913 | 13 mm | .07 |
| 65914 | 14 mm | .08 |
| 65915 | 15 mm | .10 |
| 65916 | 16 mm | .09 |
| 65917 | 17 mm | .10 |
| 65918 | 18 mm | .11 |
| 65919 | 19 mm | .14 |



65919

3/8-Inch Drive — Deep 6-Point Sockets

| Cat. No. | Size | Weight (lbs.) |
|----------|--------|---------------|
| 65710 | 3/8" | .09 |
| 65711 | 7/16" | .10 |
| 65712 | 1/2" | .13 |
| 65713 | 9/16" | .15 |
| 65714 | 5/8" | .22 |
| 65715 | 11/16" | .27 |
| 65716 | 3/4" | .28 |
| 65717 | 13/16" | .34 |



65713

3/8-Inch Drivers and Extensions

| Cat. No. | Description | Weight (lbs.) |
|----------|------------------------|---------------|
| 65720 | 7-1/2" ratchet | .73 |
| 65721 | 1-1/2" extension | .09 |
| 65722 | 3" extension | .15 |
| 65723 | 6" extension | .30 |
| 65724 | 5/8" spark plug socket | .21 |



1/2-Inch Drive — Standard 12-Point Sockets

| Cat. No. | Size | Weight (lbs.) |
|----------|---------|---------------|
| 65800 | 7/16" | .12 |
| 65801 | 1/2" | .12 |
| 65802 | 9/16" | .12 |
| 65803 | 5/8" | .12 |
| 65804 | 11/16" | .16 |
| 65805 | 3/4" | .18 |
| 65806 | 13/16" | .19 |
| 65807 | 7/8" | .21 |
| 65808 | 15/16" | .27 |
| 65809 | 1" | .31 |
| 65810 | 1-1/16" | .36 |
| 65811 | 1-1/8" | .41 |
| 65812 | 1-1/4" | .55 |
| | | |



65800

1/2-Inch Drive — Deep 12-Point Sockets

| Cat. No. | Size | Weight (lbs.) |
|----------|--------|---------------|
| 65825 | 1/2" | .30 |
| 65826 | 9/16" | .31 |
| 65827 | 5/8" | .24 |
| 65828 | 11/16" | .32 |
| 65829 | 3/4" | .36 |
| 65830 | 13/16" | .41 |
| 65831 | 7/8" | .41 |
| 65832 | 15/16" | .55 |



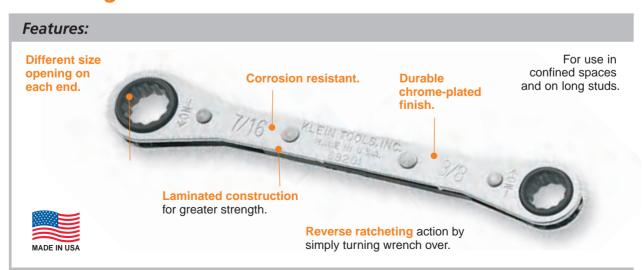
65829

1/2-Inch Drivers and Extensions

| Cat. No. | Description | Weight (lbs.) |
|----------|------------------------|---------------|
| 65820 | 10-1/2" ratchet | 1.30 |
| 65821 | 5" extension | .45 |
| 65822 | 17" flex handle | 1.83 |
| 65823 | 5/8" spark plug socket | .18 |



Ratcheting Box Wrenches







Ratcheting Box Wrenches

5-Piece Ratcheting Box Wrench Set

Additional Features:

- Five ratcheting box wrenches packed in a vinyl 8-1/2"W x 10"H (216 mm x 254 mm) roll-up pouch with individual pockets.
- Wrenches flip over to reverse ratchet.

| Cat. No. | Set Contai | ins | | | Weight (lbs.) |
|----------|------------|-------|---------------|-----------------|---------------|
| 68221 | | | | | 1.45 |
| | Cat. No. | Point | Size | Length | |
| | 68200 | 12 | 1/4" x 5/16" | 4-3/8" (112 mm) | |
| | 68201 | 12 | 3/8" x 7/16" | 5-1/2" (140 mm) | |
| | 68202 | 12 | 1/2" x 9/16" | 6-7/8" (175 mm) | |
| | 68203 | 12 | 5/8" x 11/16" | 8-1/4" (216 mm) | |
| | 68204 | 12 | 5/8" x 3/4" | 8-1/4" (216 mm) | |
| | | | | | |



7-Piece Ratcheting Box Wrench Set

Additional Feature:

• Set of the ratcheting box wrenches in vinyl roll-up pouch.

| Cat. No. | Set Contains | | | | | |
|----------|--------------|-------|---------------|-----------------|------|--|
| 68222 | | | | | 2.65 | |
| | Cat. No. | Point | Size | Length | | |
| | 68200 | 12 | 1/4" x 5/16" | 4-3/8" (112 mm) | _ | |
| | 68201 | 12 | 3/8" x 7/16" | 5-1/2" (140 mm) | - | |
| | 68202 | 12 | 1/2" x 9/16" | 6-7/8" (175 mm) | | |
| | 68203 | 12 | 5/8" x 11/16" | 8-1/4" (216 mm) | _ | |
| | 68204 | 12 | 5/8" x 3/4" | 8-1/4" (216 mm) | | |
| | 68205 | 12 | 11/16" x 3/4" | 9-1/4" (235 mm) | - | |
| | 68206 | 12 | 13/16" x 7/8" | 9-1/4" (235 mm) | | |
| | | | | | | |





Ratcheting Box Wrenches

| Cat. No. | Point | Size | Length | Weight (lbs.) |
|----------|-------|---------------|-----------------|---------------|
| 68200 | 12 | 1/4" x 5/16" | 4-3/8" (112 mm) | .13 |
| 68201 | 12 | 3/8" x 7/16" | 5-1/2" (140 mm) | .18 |
| 68202 | 12 | 1/2" x 9/16" | 6-7/8" (175 mm) | .29 |
| 68203 | 12 | 5/8" x 11/16" | 8-1/4" (216 mm) | .43 |
| 68204 | 12 | 5/8" x 3/4" | 8-1/4" (216 mm) | .42 |
| 68205 | 12 | 11/16" x 3/4" | 9-1/4" (235 mm) | .52 |
| 68206 | 12 | 13/16" x 7/8" | 9-1/4" (235 mm) | .69 |



68201

All dimensions are in inches and (millimeters).

AWARNING: Always wear approved eye protection.

AWARNING: Do NOT push or hammer wrench.

AWARNING: Never use on or near live electrical circuits.

Wrenches

3-Piece Fully Reversible Ratcheting Offset Box Wrench Set

- Set of three offset and fully reversible ratcheting box wrenches.
- Different size single-hex openings on each end.
- Includes heavy-duty vinyl pouch.

| Cat. No. | Set Contai | Weight (lbs.) | | | |
|----------|------------|---------------|--------------|-----------------|-----|
| 68244 | | | | | .61 |
| | Cat. No. | Point | Size | Length | |
| | 68234 | 6 | 1/4" x 5/16" | 4-3/8" (112 mm) | |
| | 68236 | 6 | 3/8" x 7/16" | 5-1/2" (140 mm) | |
| | 68238 | 6 | 1/2" x 9/16" | 6-3/4" (171 mm) | |



68244

5-Piece Fully Reversible Ratcheting Offset Box Wrench Set

- Set of the offset reversible ratchet box wrenches in vinyl roll-up pouch.
- Two grommet holes for hanging.

| Cat. No. | Set Contai | Set Contains | | | | |
|----------|----------------|--------------|---------------|-----------------|------|--|
| 68245 | | | | | 1.57 | |
| | Cat. No. Point | | Size | Length | | |
| | 68234 | 6 | 1/4" x 5/16" | 4-3/8" (112 mm) | | |
| | 68236 | 6 | 3/8" x 7/16" | 5-1/2" (140 mm) | | |
| | 68238 | 6 | 1/2" x 9/16" | 6-3/4" (171 mm) | | |
| | 68240 | 12 | 5/8" x 11/16" | 8-1/8" (206 mm) | | |
| | 68242 | 12 | 3/4" x 7/8" | 9-1/8" (232 mm) | | |
| | | | | | | |



8275

Fully Reversible Ratcheting Offset Box Wrenches

- Both ends are offset 25° for more convenient use in confined spaces.
- Quick-flip reversing lever for instant ratchet reversal.
- Laminated construction for greater strength.
- Chrome-plated for rust resistance.
- Different size openings at each end.

| Cat. No. | Point | Size | Length | Weight (lbs.) |
|----------|-------|---------------|-----------------|---------------|
| 68234 | 6 | 1/4" x 5/16" | 4-3/8" (112 mm) | .13 |
| 68236 | 6 | 3/8" x 7/16" | 5-1/2" (140 mm) | .18 |
| 68238 | 6 | 1/2" x 9/16" | 6-3/4" (171 mm) | .30 |
| 68240 | 12 | 5/8" x 11/16" | 8-1/8" (206 mm) | .46 |
| 68242 | 12 | 3/4" x 7/8" | 9-1/8" (232 mm) | .50 |



68236

EST 1857

Ratcheting Refrigeration Wrenches

- Fully reversible ratchet wrenches designed for refrigeration packing gland nuts and valve stem sockets.
- Wrenches are compact in size, with clearly marked sockets for four nut sizes.
- Also designed for beam-clamp installation.
- Quick-flip reversing lever permits instant ratchet reversal.
- Wrenches are ruggedly built and have polished chrome finish with smooth edges for comfort.



68310

| Cat. No. | Socket Sizes | Length | Weight (lbs.) |
|----------|---|-------------------|---------------|
| 68309 | 3/16" and 1/4" sq. x 1/2" and 9/16" hex | 6-13/16" (173 mm) | .43 |
| 68310 | 3/16" and 5/16" sq. x 1/4" and 3/8" sq. | 5-1/2" (140 mm) | .20 |
| 68310-24 | 24 pack of Cat. No. 68310 | 5-1/2" (140 mm) | 4.70 |

All dimensions are in inches and (millimeters).

AWARNING: Always wear approved eye protection.

AWARNING: Do NOT push or hammer wrench.

AWARNING: Never use on or near live electrical circuits.



Specialty Wrenches

Can Wrench

- Two tools in one; saves space in your pouch.
- One end opens telephone box fasteners, the other end tightens nuts on binding-post terminals.
- The 7/16" socket has a black finish and the 3/8" socket has a silver finish.
- Sockets are 1-1/4" (32 mm) deep to fit over long binding posts and are thin-walled for easy access into tight areas.
- Socket ends are color-coded for guick identification of socket sizes.

| Cat. No. | Description | Length | Handle Dia. | Weight (lbs.) |
|----------|------------------------|-------------|-------------|---------------|
| 68005 | 3/8" and 7/16" hex nut | 7" (178 mm) | 1" (25 mm) | .35 |



- Hex-socket design enables using a wrench to obtain extra torque.
- High-impact, break-resistant handle for long and dependable service.
- Sockets are heat-treated, alloy steel.

AWARNING: NOT insulated. Will NOT protect against electrical shock.

Bell System Type

- Similar to standard lineman's wrench, but with end openings sized to NEMA hardware specifications.
- Silver painted finish.



3146B

| Cat. No. | Description | Length | Weight (lbs.) |
|----------|---|--------------|---------------|
| 3146B | Large end has 1-1/16" and 1-3/16" openings. Small end has 11/16" and 7/8" openings. | 13" (330 mm) | 1.76 |

Ratcheting Lineman's Wrenches

- Bolt-through design allows bolts to pass through the socket.
- 3/4" and 1" x 1-1/8" combination square socket for most common utility hardware.
- Bright yellow socket for easy visibility.
- Works on most common utility pole hardware, such as lag bolts, "C" clamps and suspension bolts.
- KT155T and KT155HD also offer two popular wrench sizes: 9/16" and 3/4".
- Heavy duty design (KT155HD).





| - | | 25.7 I |
|---|--|------------|

| 4 | 1150 | | . 42 |
|---|------|--|--------|
| | | | |
| | | | KT155T |

| Gal. No. | Describiton | Lengin | weight (ms.) |
|--------------------------------|---|-----------------|--------------|
| KT155HD | Ratcheting Lineman's Wrench - Heavy Duty | 12" (305 mm) | 2.10 |
| KT151T | Ratcheting Lineman's Wrench | 13" (330 mm) | 2.12 |
| KT155T 5-in-1 Lineman's Wrench | | 9-3/8" (238 mm) | 1.42 |
| | | | |

Lineman's Box Wrenches

• Chrome plated finish resists corrosion.

Cat. No. KT223X4-INS

- "See-through" insulating handle confirms metal ends are
- 1/2", 9/16", 5/8" and 3/4" sizes in one tool; 12-point sockets.
- Reverse ratcheting action by reversing switches on each end of the wrench.
- Textured grooves in handle prevent slipping.

| Cat. No. | Description | Socket Size | Length | Weight (lbs.) |
|-------------|--------------------------------------|-----------------------------|-----------------|---------------|
| KT223X4-INS | Insulating Line- man's Box Wrench | 1/2", 9/16", 5/8" & 3/4" | 9" (229 mm) | .70 |
| KT203 | Lineman's Box Wrench | 9/16" x 3/4" | 8-1/8" (206 mm) | .55 |





KT223X4-INS



KT203

Solid, one piece design (Cat. No. KT203).

All dimensions are in inches and (millimeters)

AWARNING: Always wear approved eye protection.

AWARNING: Do NOT push or hammer wrench.

AWARNING: Never use on or near live electrical circuits.

3146

Lineman's Wrenches

- Forged from special bar steel and heat-treated for long life.
- Each end has two different size openings.
- Hole is provided at larger end for turning-in standard pole steps.
- Wrench is suited for use on heavy three-bolt guy clamps on which clearance is limited.
- Dark blue painted finish (small end is painted silver on Cat. No. 3146A).

| Cat. No. | Description | Length | Weight (lbs.) |
|----------|---|--------------|---------------|
| 3146 | For 5/8" hardware. Large end has 29/32" and 1-3/32" openings. Small end has 5/8" and 13/16" openings. | 13" (330 mm) | 1.85 |
| 3146A | For 3/4" hardware. Large end has 1-1/16" and 1-5/16" openings. Small end has 5/8" and 7/8" openings. | 13" (330 mm) | 1.70 |

Construction Wrenches

Adjustable-Head Construction Wrenches

- Versatile wrench fits nuts and bolts to 1-1/2" (38 mm) (Cat. No. 3239).
- Eliminates the need for carrying several fixed-size wrenches.
- Forged from select alloy steel with continuoustaper handle for aligning bolt and/or rivet holes.
- Industrial black finish for corrosion resistance.
- Fits nuts and bolts to 1-5/16" (33 mm) (Cat. No. 3227).

Cat No. Max Size Canacity Length Weight (lhs.)

| Cat. No. | Max. Size Capacity | Length | Weight (lbs.) |
|----------|--------------------|--------------|---------------|
| 3239 | 1-1/2" (38 mm) | 16" (406 mm) | 2.36 |
| 3227 | 1-5/16" (33 mm) | 11" (279 mm) | 1.20 |

1/2"-Drive Ratcheting Construction Wrench

- Accepts 1/2" square-drive hex socket.
- Reversible ratchet.
- Eliminates the need for carrying several fixed-size wrenches.
- Forged from select alloy steel with continuous-taper handle for aligning bolt and/or rivet holes.
- Industrial black finish for corrosion resistance.

| | | | 3238 |
|---|----------|----------------|---------------|
| - | Cat. No. | Overall Length | Weight (lbs.) |
| | 3238 | 15" (381 mm) | 2.10 |

Erection Wrenches

- Forged from select alloy steel to withstand high-leverage and heavy loads.
- Extra-heavy-duty head area gives maximum strength and durability.
- Continuous taper of handle makes lining-up bolt holes easy and works on a range of bolt-hole sizes without binding.
- Extra-large hub area works on larger diameter holes better than other wrenches.
- Catalog number, bolt size and nominal opening size are stamped on every wrench for easy identification.
- American Bridge design.

| Α | - Bolt Size/Nominal Opening |
|---|-----------------------------|
| R | - Head Width |

C - Overall Length

| A | _ (| | | | | |
|-----------------|-----|---------|-----|--------|-------|------|
| ∔ al Opening | | | | С | | = |
| | | | | | | |
| 0-4 | M4 | D.D. M. | 11- | ad Tan | A | 141. |

| | Cat. No. | Nut Type | Bolt Size | Nom. Opening | Head Width | Taper Diameter | Overall Length | Weight (lbs.) |
|---|-------------|--------------|--------------|-----------------|---------------|-------------------|-------------------|------------------|
| | 3210 | U.S. heavy | 1/2" | 7/8" | 2-1/4" | 7/8" to 3/16" | 14-3/4" | 1.36 |
| | 3211 | U.S. heavy | 5/8" | 1-1/16" | 2-1/4" | 7/8" to 3/16" | 14-3/4" | 1.31 |
| | 3212 | U.S. heavy | 3/4" | 1-1/4" | 2-1/2" | 1" to 1/4" | 16-5/8" | 1.98 |
| | 3213 | U.S. heavy | 7/8" | 1-7/16" | 3" | 1-1/8" to 9/32" | 17-3/8" | 2.72 |
| | 3214 | U.S. heavy | 1" | 1-5/8" | 3-5/8" | 1-1/8" to 1/4" | 18" | 3.36 |
| | 3219 | U.S. regular | 1/2" | 3/4" | 2-1/4" | 7/8" to 8/16" | 14-3/4" | 1.36 |
| | 3220 | U.S. regular | 1/2" | 13/16" | 2-1/4" | 7/8" to 3/16" | 14-3/4" | 1.35 |
| r | | | | | | | | |

| Nut Type | Bolt Size | Nom. Opening | Head Width | Taper Diameter | Overall Length | Weight (lbs.) |
|--------------|--|--|--|---|--|---|
| U.S. regular | 5/8" | 1" | 2-1/4" | 7/8" to 3/16" | 14-3/4" | 1.31 |
| U.S. regular | 3/4" | 1-1/8" | 2-1/2" | 1" to 1/4" | 16-5/8" | 2.00 |
| U.S. regular | 7/8" | 1-5/16" | 3" | 1-1/8" to 9/32" | 17-3/8" | 2.87 |
| U.S. regular | 1" | 1-1/2" | 3-5/8" | 1-1/8" to 1/4" | 18" | 3.37 |
| utility | 5/8" | 15/16" | 2-1/4" | 7/8" to 3/16" | 14-3/4" | 1.31 |
| utility | 3/4" | 1-1/16" | 2-1/2" | 1" to 1/4" | 16-5/8" | 2.00 |
| | U.S. regular U.S. regular U.S. regular U.S. regular U.S. regular utility | Type Size U.S. regular 5/8* U.S. regular 3/4* U.S. regular 7/8* U.S. regular 1* utility 5/8* | Type Size Opening U.S. regular 5/8° 1° U.S. regular 3/4° 1-1/8° U.S. regular 7/8° 1-5/16° U.S. regular 1° 1-1/2° utility 5/8° 15/16° | Type Size Opening Width U.S. regular 5/8° 1" 2-1/4" U.S. regular 3/4" 1-1/8" 2-1/2" U.S. regular 7/8" 1-5/16" 3" U.S. regular 1" 1-1/2" 3-5/8" utility 5/8" 15/16" 2-1/4" | Type Size Opening Width Diameter U.S. regular 5/8° 1° 2-1/4° 7/8° to 3/16° U.S. regular 3/4° 1-1/8° 2-1/2° 1° to 1/4° U.S. regular 7/8° 1-5/16° 3° 1-1/8° to 9/32° U.S. regular 1° 1-1/2° 3-5/8° 1-1/8° to 1/4° utility 5/8° 15/16° 2-1/4° 7/8° to 3/16° | Type Size Opening Width Diameter Length U.S. regular 5/8" 1" 2-1/4" 7/8" to 3/16" 14-3/4" U.S. regular 3/4" 1-1/8" 2-1/2" 1" to 1/4" 16-5/8" U.S. regular 7/8" 1-5/16" 3" 1-1/8" to 9/32" 17-3/8" U.S. regular 1" 1-1/2" 3-5/8" 1-1/8" to 1/4" 18" utility 5/8" 15/16" 2-1/4" 7/8" to 3/16" 14-3/4" |

All dimensions are in inches and (millimeters).

AWARNING: Always wear approved eye protection.

AWARNING: Do NOT push or hammer wrench.

AWARNING: Do NOT extend handle length.





Strap Wrenches

Grip-It[®] Strap Wrenches

- Completely adjustable strap wrench.
- Works in the tightest quarters.
- Urethane-covered, high-strength belting attached to lightweight, I-beam handle.
- Patented, cam-action design permits uniform, high-torque application.
- Under normal conditions, will not scratch, damage or deform polished pipe and fittings, plastic pipe and fittings, oil and water filters, glass pipe, PVC conduit, or polished shafts.
- Also works on alternator belts, flywheels, and propeller assemblies.



| Cat. No. | Handle Length | Diameter Capacity, O.D. | Weight (lbs.) |
|----------|---------------|------------------------------|---------------|
| S6H | 6" (152 mm) | 1-1/2" – 5" (38 mm – 127 mm) | .20 |
| S12H | 12" (305 mm) | 1-1/2" - 5" (38 mm - 127 mm) | .80 |
| S18H | 18" (457 mm) | 1-1/8" - 8" (28 mm - 228 mm) | 2.95 |

Torque Wrenches

Micro-Adjustable Torque-Sensing Wrenches with Square-Drive Ratchet Head

- Automatically limits desired torque.
- "Torque by feel." Pull and click-it's torqued to micrometer accuracy.
- Ratchet head allows speedy torquing and operation in confined working areas.
- Torques to the right.



57005

| Cat. No. | Drive Size | Range | Length | Weight (lbs.) |
|----------|------------|----------------------------------|------------------|---------------|
| 57000 | 3/8" | 15 – 75 ft-lb (20.4 – 101.7 Nm) | 14-1/8" (359 mm) | 2.00 |
| 57005 | 3/8" | 30 – 150 in-lb (3.4 – 16.9 Nm) | 10-5/8" (270 mm) | 1.20 |
| 57010 | 1/2" | 50 – 250 ft-lb (67.8 – 339.0 Nm) | 24-1/4" (616 mm) | 3.65 |

Master Electrician's Torque Tool Kit

- Two micrometer-adjustable torque wrenches.
- Nine hex-wrench bits.
- Two 7/16" hex-wrench extensions.
- One 7/16" female hex-wrench adaptor (Coupler).
- One hex-to-square adapter for wrenches and one adaptor for screwdrivers.
- One adjustable torque screwdriver.
- Seven screwdriver bits; five slotted, two Phillips.
- Hinged metal box.
- Additional torque screwdrivers available in screwdriver section.

| Cat. No. | Description | Weight (lbs.) |
|----------|--------------------------------------|---------------|
| 57060 | master electrician's torque tool kit | 9.55 |



All dimensions are in inches and (millimeters).

AWARNING: Always wear approved eye protection.

AWARNING: Do NOT push or hammer wrench.