MILWAUKEE® HAND TOOLS PROMOTION

BUY ANY MIX OF THESE CATEGORIES

MEASURING & LAYOUT | CUTTING | RATCHETS & WRENCHES

CUTTING TOOLS

PLYERS | PIPE WRENCHES

SCREWDRIVERS | PACKOUT | TORQUE LOCK & C-CLAMPS | SHEARS

RECEIVE A GIFT

- SPEND $300 RECEIVE
- SPEND $400 RECEIVE
- SPEND $500 RECEIVE

ALL PRICING AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
NEW
MILWAUKEE® HAND TOOLS

ULTIMATE PRODUCTIVITY.
SUPERIOR PERFORMANCE.
3 TAPE MEASURES
4 LONG TAPES, MEASURING WHEELS, & LASER DISTANCE METERS
5 REDSTICK™ LEVELS
6 TORPEDO LEVELS
7 CHALK REELS & FOLDING RULES
8 INKZALL™ JOBSITE MARKERS
9 INKZALL™ PAINT MARKERS, PENS, & HIGHLIGHTERS
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11 CUTTING PLIERS
12 COMBO PLIERS & WIRE STRIPPERS
13 APPLICATION SPECIFIC PLIERS
14 LOCKING PLIERS, C-CLAMPS, & SPECIALTY
15 PIPE WRENCHES
16 ADJUSTABLE WRENCHES, BASIN WRENCHES, RATCHET & SOCKET SETS
17 COMBINATION WRENCHES, PRY BARS, HOOK & PICK SET
18 MULTI-BIT DRIVERS
19 SCREWDRIVERS
21 NUT DRIVERS
22 HAMMERS, STAPLER & NAIL GUN, & HAMMER TACKER
23 POCKET KNIVES
24 UTILITY KNIVES
25 KNIVES
26 UTILITY BLADES
27 INSULATION KNIVES & DUCT KNIVES
28 AVIATION SNIPS
29 TINNER SNIPS
30 SCISSORS, SEAMER & CRIMPER
31 SAWS
32 SAWS & TUBING/PIPE CUTTERS
33 COPPER TUBING CUTTERS & REAMING PEN
34 PACKOUT™ MODULAR STORAGE
35 BAGS
38 BACKPACKS
39 BOXES & ORGANIZERS
40 WORK GLOVES
41 WORK GEAR & SOFT STORAGE
## TAPE MEASURES

### MAGNETIC TAPE MEASURES

**LONGEST LIFE.**

- **Model #**
  - 48-22-7116: 16ft Magnetic Tape Measure with Finger Stop
  - 48-22-7125: 25ft Magnetic Tape Measure with Finger Stop
  - 48-22-7130: 30ft Magnetic Tape Measure with Finger Stop
  - 48-22-7216: 8m / 26ft Magnetic Tape Measure with Finger Stop
  - 48-22-7225: 8m / 26ft Magnetic Tape Measure with Finger Stop

- **Features**
  - Magnet holds EMT and steel studs
  - Wire Form Belt Clip
  - Reduces pocket tearing
  - 2-Sided Printing
  - Increases measurement readability
  - Blueprint Scale
  - Calculates a 1/4” and 1/8” drawing
  - Magnetic Hook
  - Most Abrasion Resistant Nylon bond blade protection
  - Most Durable Against Drops
  - 5-point reinforced premium PC/ABS frame

### TAPE MEASURES

**LONGEST LIFE.**

- **Model #**
  - 48-22-5506C: 2m / 6ft Keychain Tape Measure
  - 48-22-5506: 2m / 6ft Keychain Tape Measure (bulk)
  - 48-22-6616: 16ft Tape Measure
  - 48-22-6625: 25ft Tape Measure
  - 48-22-6630: 30ft Tape Measure
  - 48-22-6612: 12ft Tape Measure
  - 48-22-6613: 3m / 12ft Tape Measure
  - 48-22-6617: 5m / 16ft Tape Measure
  - 48-22-6626: 8m / 26ft Tape Measure

- **Features**
  - 5-Point Reinforced Frame
  - Nylon Bond Blade Protection
  - Optimized Hook Design for Scoring
  - Finger Stop
  - Magnetic Hook
  - Most Abrasion Resistant Nylon bond blade protection
  - Most Durable Against Drops
  - 5-point reinforced premium PC/ABS frame
  - Up to 30% More Compact
  - Magnet for EMT and steel studs
  - Wire Form Belt Clip
  - Reduces pocket tearing
  - 2-Sided Printing
  - Increases measurement readability
  - Blueprint Scale
  - Calculates a 1/4” and 1/8” drawing

---

Visit [milwaukeetool.com/hand-tools](milwaukeetool.com/hand-tools) for more details.
LONG TAPES, MEASURING WHEELS, & LASER DISTANCE METERS

OPEN REEL LONG TAPES
50% LESS STRETCH

3:1 Metal Planetary Gears
Prevents gear stripping & stress

Nylon Bond Steel Blade
Kink-Resistant Blade

GRIME GUARD™
Industry’s first blade wiper

50% LESS STRETCH
LONGEST LIFE.

MET # | Description
--- | ---
48-22-5201 | 100ft Open Reel Long Tape – 1/2" Blade
48-22-5230 | 300ft Open Reel Long Tape – 3/4" Blade

CLOSED REEL LONG TAPES

MET # | Description
--- | ---
48-22-5101 | 100ft Closed Reel Long Tape – 1/2" Blade

MEASURING WHEELS
MOST DURABLE.
MOST ACCURATE.

Debris Cleaning Wheel Flap
12" Model

Nylon Bond Steel Blade
Kink-Resistant Blade

MET # | Description
--- | ---
48-22-5006 | 6" Measuring Wheel
48-22-5012 | 12" Measuring Wheel

LASER DISTANCE METERS
EASIEST MEASUREMENTS

MET # | Description
--- | ---
48-22-9801 | 65ft Laser Distance Meter
48-22-9802 | 150ft Laser Distance Meter
48-22-9803 | 330ft Laser Distance Meter

3:1 Torque Dispersioning Planetary Gears
Prevents gear stripping & stress

Reinforced Metal Frame
Grime Guard™

MET # | Description
--- | ---
48-22-9801 | 65ft Laser Distance Meter
48-22-9802 | 150ft Laser Distance Meter
48-22-9803 | 330ft Laser Distance Meter

Also Available: 6" Measuring Wheel
48-22-5006

Top Reset Button
12" Model

Ergonomic Pistol Grip Design
Trigger Brake

Impact-Resistant Overmolding
Side-Shot Button
Allows for one-handed measurement in all situations

2" Backlit Color Screen
150/330 ft Models

Continuous Real-Time Measurements

Also Available: 65ft Laser Distance Meter
48-22-9801

Simplified User Interface for fast navigation
**REDSTICK™ BOX LEVELS**

**MOST DURABLE. GUARANTEED ACCURACY.**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLBX16</td>
<td>16&quot; REDSTICK™ Box Level</td>
</tr>
<tr>
<td>MLBXM16</td>
<td>16&quot; REDSTICK™ Magnetic Box Level</td>
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<tr>
<td>MLBX24</td>
<td>24&quot; REDSTICK™ Box Level</td>
</tr>
<tr>
<td>MLBXM24</td>
<td>24&quot; REDSTICK™ Magnetic Box Level</td>
</tr>
<tr>
<td>MLBX32</td>
<td>32&quot; REDSTICK™ Box Level</td>
</tr>
<tr>
<td>MLBXM32</td>
<td>32&quot; REDSTICK™ Magnetic Box Level</td>
</tr>
<tr>
<td>MLBX36</td>
<td>36&quot; REDSTICK™ Box Level</td>
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<tr>
<td>MLBXM36</td>
<td>36&quot; REDSTICK™ Magnetic Box Level</td>
</tr>
<tr>
<td>MLBX48</td>
<td>48&quot; REDSTICK™ Box Level</td>
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<tr>
<td>MLBXM48</td>
<td>48&quot; REDSTICK™ Magnetic Box Level</td>
</tr>
<tr>
<td>MLBX59</td>
<td>59&quot; REDSTICK™ Box Level</td>
</tr>
</tbody>
</table>

**SHARPSITE™ Vial Technology**

- All-Metal Reinforced BACKBONE™
- Impact-Resistant Removable Endcaps
- Milled Edges
- Durable Overmold Handles
- Amplified Rare-Earth Magnets Provide strongest hold

**REDSTICK™ COMPACT BOX LEVELS**

**COMPACT DURABILITY**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>MLCM24</td>
<td>24&quot; REDSTICK™ Compact Box Level</td>
</tr>
<tr>
<td>MLCMM24</td>
<td>24&quot; REDSTICK™ Magnetic Compact Box Level</td>
</tr>
<tr>
<td>MLCM48</td>
<td>48&quot; REDSTICK™ Compact Box Level</td>
</tr>
<tr>
<td>MLCMM48</td>
<td>48&quot; REDSTICK™ Magnetic Compact Box Level</td>
</tr>
</tbody>
</table>

**SHARPSITE™ Vial Technology**

- Hang Hole
- Replaceable Endcaps
- Amplified Rare-Earth Magnets Provide strongest hold

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>MLCM72</td>
<td>72&quot; REDSTICK™ Compact Box Level</td>
</tr>
<tr>
<td>MLCMM72</td>
<td>72&quot; REDSTICK™ Magnetic Compact Box Level</td>
</tr>
<tr>
<td>MLCMS48</td>
<td>24&quot; / 48&quot; REDSTICK™ Compact Box Level Set</td>
</tr>
<tr>
<td>MLCMSM48</td>
<td>24&quot; / 48&quot; REDSTICK™ Magnetic Compact Box Level Set</td>
</tr>
</tbody>
</table>
**BILLET TORPEDO LEVELS**

**STRONGESTMagnets. EASIEST Pitch SET.**

- Maximized Viewing Area
- Impact-Resistant Vials
- 2" Dual Pitch Vial
- Ruled Edge
- Billet Aluminum Frame

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>48-22-5107</td>
<td>Billet Torpedo Level</td>
</tr>
<tr>
<td>48-22-5207</td>
<td>Metric Billet Torpedo Level</td>
</tr>
</tbody>
</table>

**BLOCK TORPEDO LEVEL**

**STRONGESTMagnets. 360° ACCURACY.**

- SHARPSITE™ Vial Technology
- High-Contrast Vial Surround
- Vial Lock
- Lanyard Hole
- Die-Cast Aluminum Body
- 360° Vial Locks at any Angle

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>48-22-5210</td>
<td>Block Torpedo Level</td>
</tr>
<tr>
<td>48-22-5102</td>
<td>Pocket Level</td>
</tr>
</tbody>
</table>

Amplified Rare-Earth Magnets

milwaukee tool.com/hand-tools 6
CHALK REELS

LONGEST GEAR LIFE. BEST PERFORMANCE.

STRIPGUARD™ CLUTCH

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
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<tbody>
<tr>
<td>48-22-3980</td>
<td>Bold Line Chalk Reel</td>
</tr>
<tr>
<td>48-22-3982</td>
<td>Bold Line Chalk Reel &amp; Blue Chalk Refill</td>
</tr>
<tr>
<td>48-22-3986</td>
<td>Bold Line Chalk Reel &amp; Red Chalk Refill</td>
</tr>
<tr>
<td>48-22-3989</td>
<td>100FT Bold Replacement Line</td>
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</table>

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>48-22-3990</td>
<td>Fine Line Chalk Reel</td>
</tr>
<tr>
<td>48-22-3992</td>
<td>Fine Line Chalk Reel &amp; Blue Chalk Refill</td>
</tr>
<tr>
<td>48-22-3999</td>
<td>100FT Fine Replacement Line</td>
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</tbody>
</table>

FOLDING RULES

MOST DURABLE MARKINGS & BLADES

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>48-22-3801</td>
<td>6-1/2ft Composite Folding Rule</td>
</tr>
<tr>
<td>48-22-3802</td>
<td>6-1/2ft Engineer’s Composite Folding Rule</td>
</tr>
<tr>
<td>48-22-3803</td>
<td>2m Composite Folding Rule</td>
</tr>
</tbody>
</table>

Quick Reference Bend Angles for 22.5°, 30°, 45° & 60°

Heat-Stamped Markings won’t wear

Corrosion-Free Embedded Joints Locks at 0°, 90° & 180°
JOBSITE MARKERS

ULTRA FINE POINT
FINE POINT
MEDIUM POINT
CHISEL TIP

Clog Resistant
Lanyard Hole
Hard Hat Clip
Durable Fine Point
Anti-Roll Body

WRITES ON DUST WET OILY SURFACES

ULTRA FINE POINT
FINE POINT
MEDIUM POINT
CHISEL TIP

Clog Resistant
Lanyard Hole
Hard Hat Clip
Durable Fine Point
Anti-Roll Body

Model # | Description
--- | ---
48-22-3150 | 12 Pc INKZALL™ Ultra Fine Point Black Jobsite Markers
48-22-3154 | 4 Pc INKZALL™ Ultra Fine Point Black Jobsite Markers
48-22-3104 | 4 Pc INKZALL™ Fine Point Jobsite Markers
48-22-3105 | 2 Pc INKZALL™ Fine Point Jobsite Markers
48-22-3106 | 4 Pc INKZALL™ Colored Fine Point Jobsite Markers
48-22-3101 | INKZALL™ Stylus & Fine Point Jobsite Marker
48-22-3102 | 2 Pc INKZALL™ Medium Point Jobsite Markers

Model # | Description
--- | ---
48-22-3103 | INKZALL™ Chisel Tip Jobsite Marker
48-22-3100 | 36 Pc INKZALL™ Fine Point Jobsite Markers
48-22-3130 | 36 Pc INKZALL™ Chisel Tip Jobsite Markers
48-22-3170 | 36 Pc INKZALL™ Fine Point Red Jobsite Markers
48-22-3180 | 36 Pc INKZALL™ Fine Point Blue Jobsite Markers
48-22-3190 | 36 Pc INKZALL™ Fine Point Green Jobsite Markers

Model # | Description
--- | ---
48-22-3121 | 2 Pc INKZALL™ Fine Point Silver Metallic Jobsite Markers
48-22-3122 | 2 Pc INKZALL™ Fine Point Gold Metallic Jobsite Markers
48-22-3123 | 2 Pc INKZALL™ Fine Point Silver and Gold Metallic Jobsite Markers

FINE POINT METALLIC JOBSITE MARKERS

Visible on Dark Surfaces
Durable Fine Point
Anti-Roll Body

Gold Metallic Ink

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LIQUID PAINT MARKERS

**BLEED & SMEAR RESISTANT**

- 10-Second Dry Time
- Valve Activated
- Acrylic Nib
- Water & UV Resistant Markings
- Durable Medium Point

Marks on Surfaces up to 300°F

### Model # | Description
---|---
48-22-3712 | INKZALL™ Medium Point White Liquid Paint Marker
48-22-3722 | INKZALL™ Medium Point Yellow Liquid Paint Marker
48-22-3711 | 12 Pc INKZALL™ Medium Point White Liquid Paint Markers
48-22-3721 | 12 Pc INKZALL™ Medium Point Yellow Liquid Paint Markers
48-22-3731 | 12 Pc INKZALL™ Medium Point Black Liquid Paint Markers

### Model # | Description
---|---
48-22-3741 | 12 Pc INKZALL™ Medium Point Red Liquid Paint Markers
48-22-3751 | 12 Pc INKZALL™ Medium Point Green Liquid Paint Markers
48-22-3761 | 12 Pc INKZALL™ Medium Point Blue Liquid Paint Markers
48-22-3771 | 12 Pc INKZALL™ Medium Point Orange Liquid Paint Markers

### ULTRA FINE POINT JOBSITE PENS

**SHARP, PRECISE LINES**

- Clog Resistant Tip
- Ultra Fine Point

### Model # | Description
---|---
48-22-3160 | 12 Pc INKZALL™ Ultra Fine Point Black Jobsite Pens
48-22-3161 | 12 Pc INKZALL™ Ultra Fine Point Red Jobsite Pens
48-22-3162 | 12 Pc INKZALL™ Ultra Fine Point Blue Jobsite Pens
48-22-3164 | 4 Pc INKZALL™ Ultra Fine Point Black Jobsite Pens
48-22-3165 | 4 Pc INKZALL™ Ultra Fine Point Colored Jobsite Pens

### CHISEL TIP JOBSITE HIGHLIGHTERS

**UP TO 4X LONGER LIFE**

- Lanyard Hole
- Hard Hat Clip
- Durable Chisel Tip
- Anti-Roll Body

### Model # | Description
---|---
48-22-3201 | 5 Pc INKZALL™ Chisel Tip Yellow Jobsite Highlighters
48-22-3206 | 5 Pc INKZALL™ Chisel Tip Colored Jobsite Highlighters
FASTENING PLIERS

STRAIGHT JAW REAM AND PUNCH

Comfort Grips Will not peel

Punch Handles

Reaming Head

Reaming Handles

Model # | Description | Jaw Capacity | Reaming Capacity
-------|-------------|--------------|------------------
48-22-6306 | 6" Straight Jaw Pliers | 1" | 3/4"
48-22-6310 | 10" Straight Jaw Pliers | 2" | 2"
48-22-6312 | 12" Straight Jaw Pliers | 2-1/4" | 2-3/4"
48-22-6316 | 16" Straight Jaw Pliers | 4-1/4" | 3"
48-22-6320 | 20" Straight Jaw Pliers | 5-1/2" | 3-1/2"
48-22-6330 | 2 Pcs 6" & 10" Straight Jaw Pliers Set | 1" & 2" | 3/4" & 2"

V-JAW PLIERS

HEX JAW
BEST FIT. STRONG HOLD.

Slim Design Head

Punch Handles

Reaming Head

All-Metal Quick Adjust

Comfort Grips Will not peel

Reaming Handles

Best Fit on Hex Bolts

Model # | Description | Jaw Capacity | Reaming Capacity
-------|-------------|--------------|------------------
48-22-6208 | 8" V-Jaw Pliers | 1-1/2" | 1-1/2"
48-22-6210 | 10" V-Jaw Pliers | 2" | 2"
**LINEMAN’S**

**UP TO 2X MORE CUTS**

**IRON-CARBIDE EDGE**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-6100</td>
<td>9” High-Leverage Lineman’s Pliers with Crimper</td>
</tr>
</tbody>
</table>

**LONG NOSE**

**LONG REACH**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>48-22-6100</td>
<td>9” High-Leverage Lineman’s Pliers with Crimper</td>
</tr>
</tbody>
</table>

**DIAGONAL**

**UP TO 2X MORE CUTS**

**IRON-CARBIDE EDGE**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-6106</td>
<td>6” Diagonal Cutting Pliers</td>
</tr>
<tr>
<td>48-22-6107</td>
<td>7” Diagonal Cutting Pliers</td>
</tr>
<tr>
<td>48-22-6108</td>
<td>8” Diagonal Cutting Pliers</td>
</tr>
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</table>
COMBO PLIERS & WIRE STRIPPERS

6 IN 1 COMBINATION PLIERS

6in1

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Wire Stripper</th>
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<tbody>
<tr>
<td>48-22-3079</td>
<td>6in1 Combination Pliers</td>
<td>8-18 AWG Solid, 10-20 AWG Stranded</td>
</tr>
</tbody>
</table>

6 IN 1 NON-METALLIC COMBINATION PLIERS

FORGED STRENGTH

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Wire Stripper</th>
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<tbody>
<tr>
<td>48-22-3070</td>
<td>6in1 Non-Metallic Combination Pliers</td>
<td>12/2 &amp; 14/2 Non-Metallic</td>
</tr>
</tbody>
</table>

WIRE STRIPPER

FAST ONE-HANDED OPERATION

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Wire Stripper</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-6109</td>
<td>Wire Stripper</td>
<td>10-18 AWG Solid, 12-20 AWG Stranded</td>
</tr>
</tbody>
</table>

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### Ironworker’s

**Up to 2x More Cuts**

- **Model #** 48-22-6407
- **Description** 7" Nipping Pliers

- **Iron-Carbide Edge**
- **For Twisting & Cutting Rebar Ties**

- **Comfort Grips**
- **Will not peel**

### Crimping

**Up to 2x Crimping Force**

- **Model #** 48-22-6103
- **Description** Crimping Pliers

- **Reaming Head**
- **Wire Cutter**
- **Crimper for Insulated & Non-Insulated Terminals**

- **Comfort Grips**
- **Will not peel**

### Cable Cutting

**Clean Cuts**

- **Model #** 48-22-6104
- **Description** Cable Cutting Pliers

- **Clean Cuts**
- **Cuts up to 2/0 Cu, 4/0 Al**

- **Comfort Grips**
- **Will not peel**

### PVC / Oil Filter

**3-1/2" Jaw Capacity**

- **Model #** 48-22-6321
- **Description** PVC / Oil Filter Pliers

- **Comfort Grips**
- **Will not peel**

### Nipping

**Curved Head Protects Surfaces**

- **Model #** 48-22-6407
- **Description** 7" Nipping Pliers

- **Blades Will Not Mar Surfaces**

- **Comfort Grips**
- **Will not peel**

### Fencing

**Forged Strength**

- **Model #** 48-22-6410
- **Description** Fencing Pliers

- **Staple Gripper**
- **Wire Crimper**
- **Hammer**
- **Wire Puller**

- **Staple Puller**
- **Wire Cutter**

- **Comfort Grips**
- **Will not peel**
**LOCKING PLIERS WITH MAX BITE™**

**MAX BITE™**

3X GRIPPING FORCE

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-3607</td>
<td>7&quot; MAX BITE™ Locking Pliers</td>
</tr>
<tr>
<td>48-22-3610</td>
<td>10&quot; MAX BITE™ Locking Pliers</td>
</tr>
<tr>
<td>48-22-3702</td>
<td>2 Pc 7&quot; &amp; 10&quot; MAX BITE™ Locking Pliers</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
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<tbody>
<tr>
<td>48-22-3707</td>
<td>7&quot; MAX BITE™ Locking Pliers with Grip</td>
</tr>
<tr>
<td>48-22-3710</td>
<td>10&quot; MAX BITE™ Locking Pliers with Grip</td>
</tr>
</tbody>
</table>

### LOCKING PLIERS

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
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<tbody>
<tr>
<td>48-22-3405</td>
<td>5&quot; Curved Jaw Locking Pliers with Grip</td>
</tr>
<tr>
<td>48-22-3407</td>
<td>7&quot; Curved Jaw Locking Pliers with Grip</td>
</tr>
<tr>
<td>48-22-3410</td>
<td>10&quot; Curved Jaw Locking Pliers with Grip</td>
</tr>
<tr>
<td>48-22-3406</td>
<td>6&quot; Long Nose Locking Pliers with Grip</td>
</tr>
<tr>
<td>48-22-3409</td>
<td>9&quot; Long Nose Locking Pliers with Grip</td>
</tr>
<tr>
<td>48-22-3807</td>
<td>7&quot; Straight Jaw Locking Pliers with Grip</td>
</tr>
<tr>
<td>48-22-3810</td>
<td>10&quot; Straight Jaw Locking Pliers with Grip</td>
</tr>
<tr>
<td>48-22-3402</td>
<td>2 Pc 7&quot; &amp; 10&quot; Curved Jaw Locking Pliers with Grip Set</td>
</tr>
<tr>
<td>48-22-3602</td>
<td>2 Pc 6&quot; Long Nose &amp; 10&quot; Curved Jaw Locking Pliers Set</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-3423</td>
<td>4&quot; Curved Jaw Locking Pliers</td>
</tr>
<tr>
<td>48-22-3422</td>
<td>5&quot; Curved Jaw Locking Pliers</td>
</tr>
<tr>
<td>48-22-3421</td>
<td>7&quot; Curved Jaw Locking Pliers</td>
</tr>
<tr>
<td>48-22-3420</td>
<td>10&quot; Curved Jaw Locking Pliers</td>
</tr>
<tr>
<td>48-22-3504</td>
<td>4&quot; Long Nose Locking Pliers</td>
</tr>
<tr>
<td>48-22-3506</td>
<td>6&quot; Long Nose Locking Pliers</td>
</tr>
<tr>
<td>48-22-3507</td>
<td>7&quot; Straight Jaw Locking Pliers</td>
</tr>
<tr>
<td>48-22-3510</td>
<td>10&quot; Straight Jaw Locking Pliers</td>
</tr>
<tr>
<td>48-22-3541</td>
<td>12&quot; Large Jaw Locking Pliers</td>
</tr>
</tbody>
</table>

### C-CLAMPS & SPECIALTY

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-3521</td>
<td>11&quot; Swivel Jaw Locking C-Clamp</td>
</tr>
<tr>
<td>48-22-3522</td>
<td>6&quot; Swivel Jaw Locking C-Clamp</td>
</tr>
<tr>
<td>48-22-3531</td>
<td>11&quot; Locking C-Clamp</td>
</tr>
<tr>
<td>48-22-3532</td>
<td>6&quot; Locking C-Clamp</td>
</tr>
<tr>
<td>48-22-3521P</td>
<td>2 Pc Locking Jaw Pliers &amp; Clamp Set</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-3520</td>
<td>18&quot; Swivel Jaw Locking C-Clamp</td>
</tr>
<tr>
<td>48-22-3529</td>
<td>18&quot; Deep Reach Locking C-Clamp</td>
</tr>
<tr>
<td>48-22-3530</td>
<td>18&quot; Locking C-Clamp</td>
</tr>
<tr>
<td>48-22-3540</td>
<td>8&quot; Locking Seamer</td>
</tr>
<tr>
<td>48-22-3542</td>
<td>9&quot; Locking Chain Wrench</td>
</tr>
<tr>
<td>48-22-3543</td>
<td>9&quot; Locking Welding Clamp</td>
</tr>
</tbody>
</table>
PIPE WRENCHES

ADAPTABLE PIPE WRENCH

Cheater Adaptable Pipe Wrench

Dual Coil Spring Design
Increased durability and life

Overbite Jaw
Largest Gripping Surface

Threaded Fit & Security

Lanyard Hole

3 Length Design

Maximum Leverage

General Purpose

 Tight Spaces

STEEL & ALUMINUM PIPE WRENCHES

Largest Grip Surface

Cheater Adaptable Pipe Wrench

Dual Coil Spring Design
Increased durability and life

Overbite Jaw
Largest Gripping Surface

Ergonomic Handle

Lanyard Hole

Model # | Description | Length | Material | Max Jaw Capacity
---|---|---|---|---
48-22-7110 | 10" Steel Pipe Wrench | 10" | Steel | 1-1/2"
48-22-7112 | 12" Steel Pipe Wrench | 12" | Steel | 2"
48-22-7114 | 14" Steel Pipe Wrench | 14" | Steel | 2"
48-22-7118 | 18" Steel Pipe Wrench | 18" | Steel | 2-1/2"
48-22-7210 | 10" Aluminum Pipe Wrench | 10" | Aluminum | 1-1/2"

Model # | Description | Length | Material | Max Jaw Capacity
---|---|---|---|---
48-22-7212 | 12" Aluminum Pipe Wrench | 12" | Aluminum | 2"
48-22-7214 | 14" Aluminum Pipe Wrench | 14" | Aluminum | 2"
48-22-7218 | 18" Aluminum Pipe Wrench | 18" | Aluminum | 2-1/2"
48-22-7224 | 24" Aluminum Pipe Wrench | 24" | Aluminum | 3"
### Adjustable Wrenches

**Jaws Won’t Back Off**

Proprietary Screw

- Perfectly Parallel Jaws

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-7400</td>
<td>2 Pc 6&quot; &amp; 10&quot; Adjustable Wrench Set</td>
<td>6&quot; &amp; 10&quot;</td>
</tr>
<tr>
<td>48-22-7406</td>
<td>6&quot; Adjustable Wrench</td>
<td>6&quot;</td>
</tr>
<tr>
<td>48-22-7408</td>
<td>8&quot; Adjustable Wrench</td>
<td>8&quot;</td>
</tr>
<tr>
<td>48-22-7410</td>
<td>10&quot; Adjustable Wrench</td>
<td>10&quot;</td>
</tr>
<tr>
<td>48-22-7412</td>
<td>12&quot; Adjustable Wrench</td>
<td>12&quot;</td>
</tr>
<tr>
<td>48-22-7415</td>
<td>15&quot; Adjustable Wrench</td>
<td>15&quot;</td>
</tr>
<tr>
<td>48-22-7508</td>
<td>8&quot; Wide Jaw Adjustable Wrench</td>
<td>8&quot;</td>
</tr>
</tbody>
</table>

### Basin Wrenches

**Easiest Swap-Outs**

- Smoothest Length Adjustment
- Ratchet-Ready, less jaw readjusting
- Screwdriver-Ready, up to 2x breakaway torque

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-7001</td>
<td>1-1/4&quot; Basin Wrench</td>
<td>10&quot;</td>
</tr>
<tr>
<td>48-22-7002</td>
<td>2-1/2&quot; Basin Wrench</td>
<td>12&quot;</td>
</tr>
</tbody>
</table>

### Ratchet & Socket Sets

**Versatile Design. Better Access.**

- Wrench-Ready, Anti-Roll Sockets
- Slim Design
- Pivoting Head
- Optimized Geometry
- Reduced stripping & breaking

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-9000</td>
<td>12 Pc 3/8&quot; SAE Contractor Ratchet &amp; Socket Set</td>
<td>12 Pc 3/8&quot; SAE Contractor Ratchet &amp; Socket Set</td>
</tr>
<tr>
<td>48-22-9001</td>
<td>12 Pc 3/8&quot; Metric Contractor Ratchet &amp; Socket Set</td>
<td>12 Pc 3/8&quot; Metric Contractor Ratchet &amp; Socket Set</td>
</tr>
</tbody>
</table>
COMBINATION WRENCHES

**UP TO 25% MORE TORQUE**

**MAX BITE**

- Anti-Slip Open End
- Ink-Filled Sizes for easy identification
- Comfortable I-Beam Handle

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Included Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-9507</td>
<td>7 Pc Metric Combination Wrench Set</td>
<td>8mm, 10mm, 12mm, 13mm, 14mm, 15mm, 17mm</td>
</tr>
<tr>
<td>48-22-9515</td>
<td>15 Pc Metric Combination Wrench Set</td>
<td>8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm</td>
</tr>
</tbody>
</table>

**PRY BARS**

**UP TO 40% MORE PRYING STRENGTH**

- Chrome Plated Rust Protection
- Comfortable Tri-Lobe Handles
- All-Metal Core
- Hammer-Ready Strike Cap

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Included Lengths</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-9214</td>
<td>4 Pc Pry Bar Set</td>
<td>8&quot;, 12&quot;, 18&quot;, 24&quot;</td>
</tr>
</tbody>
</table>

**HOOK & PICK SET**

**UP TO 50% MORE DURABLE**

- Knurling for increased tool control
- Comfort Grip Handle

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Includes</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-9215</td>
<td>4 Pc Hook &amp; Pick Set</td>
<td>Straight Pick, Offset Hook, Hook, 90° Hook</td>
</tr>
</tbody>
</table>
### MULTI-BIT DRIVERS

#### 10 IN 1 MULTI-BIT / KEY DRIVERS

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Nut Drivers</th>
<th>Bit Types</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-2101</td>
<td>10-in-1 Multi-Bit Driver w/ ECX™</td>
<td>1/4&quot;</td>
<td>P#1, P#2, SL 3/16&quot;, SL 1/4&quot;, SQ#2, ECX™#1, ECX™#2</td>
</tr>
<tr>
<td>48-22-2102</td>
<td>10-in-1 Square Multi-Bit Driver</td>
<td>1/4&quot;</td>
<td>P#1, P#2, SL 3/16&quot;, SL 1/4&quot;, SQ#1, SQ#2, SQ#3</td>
</tr>
<tr>
<td>48-22-2301</td>
<td>10-in-1 Ratchet Multi-Bit Driver w/ ECX™</td>
<td>1/4&quot;</td>
<td>P41, P#2, SL 3/16&quot;, SL 1/4&quot;, SQ#2, ECX™#1, ECX™#2</td>
</tr>
<tr>
<td>48-22-2302</td>
<td>10-in-1 Ratchet Multi-Bit Driver w/ Square</td>
<td>1/4&quot;</td>
<td>P#1, P#2, SL 3/16&quot;, SL 1/4&quot;, SQ#1, SQ#2, SQ#3</td>
</tr>
<tr>
<td>48-22-2103</td>
<td>10-in-1 TORX® Key Driver</td>
<td>1/4&quot;</td>
<td>T8, T10, T15, T20, T25, T27, T30</td>
</tr>
<tr>
<td>48-22-2106</td>
<td>10-in-1 Metric Hex Key Driver</td>
<td>1/4&quot;</td>
<td>1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm</td>
</tr>
</tbody>
</table>

#### 8 IN 1 COMPACT MULTI-BIT DRIVERS

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Nut Drivers</th>
<th>Bit Types</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-2120</td>
<td>Compact 8-in-1 Multi-Bit Driver</td>
<td>1/4&quot;</td>
<td>P#1, P#2, SL 3/16&quot;, SL 1/4&quot;, SQ#1, SQ#2, T15</td>
</tr>
<tr>
<td>48-22-2320</td>
<td>Compact 8-in-1 Ratchet Multi-Bit Driver</td>
<td>1/4&quot;</td>
<td>P#1, P#2, SL 3/16&quot;, SL 1/4&quot;, SQ#1, SQ#2, T15</td>
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</tbody>
</table>

#### 11 IN 1 MULTI-BIT DRIVERS

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Nut Drivers</th>
<th>Bit Types</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-2760</td>
<td>11-in-1 Multi-Bit Driver w/ ECX™</td>
<td>1/4&quot;, 5/16&quot;, 3/8&quot;</td>
<td>P#1, P#2, SL 3/16&quot;, SL 1/4&quot;, SQ#1, SQ#2, ECX™#1, ECX™#2</td>
</tr>
<tr>
<td>48-22-2761</td>
<td>11-in-1 Multi-Bit Driver w/ TORX®</td>
<td>1/4&quot;, 5/16&quot;, 3/8&quot;</td>
<td>P#1, P#2, SL 3/16&quot;, SL 1/4&quot;, SQ#1, SQ#2, T10, T15</td>
</tr>
</tbody>
</table>

**TORX®** is a registered trademark of Acument Intellectual Properties, LLC.
### SCREWDRIVERS

#### HIGH-LEVERAGE HANDLE. MAGNETIC TIP.

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Bit Types</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-2702</td>
<td>2 PC Demolition Screwdriver Set</td>
<td>P#2, SL 5/16”</td>
</tr>
<tr>
<td>48-22-2706</td>
<td>6 PC Screwdriver Set</td>
<td>P#1, P#2, SL 3/16”, SL 1/4”, SL 5/16”</td>
</tr>
<tr>
<td>48-22-2708</td>
<td>8 PC Screwdriver Set w/ ECX™</td>
<td>P#1, P#2, SL 3/16”, SL 1/4”, SL 5/16”, ECX™#1, ECX™#2</td>
</tr>
<tr>
<td>48-22-2710</td>
<td>10 PC Screwdriver Set</td>
<td>P#1, P#2, SL 3/16”, SL 1/4”, SL 5/16”, SQ#1, SQ#2</td>
</tr>
<tr>
<td>48-22-2718</td>
<td>8 PC Screwdriver Set w/ Square</td>
<td>P#1, P#2, SL 3/16”, SL 1/4”, SL 5/16”, SQ#1, SQ#2</td>
</tr>
</tbody>
</table>

### CUSHION-GRIP SCREWDRIVERS

#### MOST DURABLE HANDLE. PRECISION TIP.

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Bit Types</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-2811</td>
<td>#1 Phillips (3”)</td>
<td></td>
</tr>
<tr>
<td>48-22-2812</td>
<td>#2 Phillips (4”)</td>
<td></td>
</tr>
<tr>
<td>48-22-2813</td>
<td>#3 Phillips (6”)</td>
<td></td>
</tr>
<tr>
<td>48-22-2814</td>
<td>#2 Phillips (10”)</td>
<td></td>
</tr>
<tr>
<td>48-22-2821</td>
<td>1/4” Slotted (4”)</td>
<td></td>
</tr>
<tr>
<td>48-22-2822</td>
<td>5/16” Slotted (6”)</td>
<td></td>
</tr>
<tr>
<td>48-22-2824</td>
<td>3/8” Slotted (8”)</td>
<td></td>
</tr>
<tr>
<td>48-22-2831</td>
<td>3/16” Cabinet (3”)</td>
<td></td>
</tr>
<tr>
<td>48-22-2832</td>
<td>3/16” Cabinet (6”)</td>
<td></td>
</tr>
<tr>
<td>48-22-2833</td>
<td>3/16” Cabinet (8”)</td>
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</tr>
<tr>
<td>48-22-2834</td>
<td>1/4” Cabinet (10”)</td>
<td></td>
</tr>
<tr>
<td>48-22-2841</td>
<td>#1 ECX™ (4”)</td>
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<tr>
<td>48-22-2842</td>
<td>#2 ECX™ (4”)</td>
<td></td>
</tr>
<tr>
<td>48-22-2851</td>
<td>#1 Square (3”)</td>
<td></td>
</tr>
<tr>
<td>48-22-2852</td>
<td>#2 Square (4”)</td>
<td></td>
</tr>
<tr>
<td>48-22-2853</td>
<td>#3 Square (6”)</td>
<td></td>
</tr>
<tr>
<td>48-22-2886</td>
<td>6 PC Premium Set</td>
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</tr>
<tr>
<td>48-22-2884</td>
<td>4 PC Premium Set</td>
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### DEMO DRIVER

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-2860</td>
<td>Demo Driver</td>
</tr>
</tbody>
</table>

---

**Strong Magnetic Tips**

**Wrench-Ready Shank**

**Comfortable Tri-Lobe Handles**

**Cushion-Grip**

**Knurled Shank for precision control**

**Wrench Ready Bolster for increased torque**

**Custom Machined Tips prevent cam-out**

**Tactile Identification Markings for easy recognition without looking**

**Aggressive Duct Piercing Tip**

**Anti-Peel Design Cushion Grips**

**All-Metal Core**

**Multiple Strike Surfaces**
1000V INSULATED SCREWDRIVERS

Dual Layer Insulation

1000V

IEC 60900:2012 | ASTM F1505-10 | NFPA 70E

Flame & Impact Resistant

Slim Drive Shaft

Allows access in recessed applications

Model # | Description | Bit Types, Carrying Case
--- | --- | ---
48-22-2211 | #1 Phillips (3") | P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2212 | #2 Phillips (4") | P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2213 | #3 Phillips (6") | P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2221 | 1/4" Slotted (6") | P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2222 | 5/16" Slotted (7") | P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2231 | 3/16" Cabinet (4") | P#2, SL 1/16", SL 3/32", SL 1/8"

48-22-2232 | 3/16" Cabinet (8") | P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2233 | 3/16" Cabinet (8") | P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2241 | #1 ECX™ (4") | P#1, P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2242 | #2 ECX™ (4") | P#1, P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2251 | #1 Square (3") | P#1, P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2252 | #2 Square (4") | P#1, P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2253 | #3 Square (6") | P#1, P#2, SL 1/16", SL 3/32", SL 1/8"

48-22-2211 | #1 Phillips (3") | P#1, P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2212 | #2 Phillips (4") | P#1, P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2213 | #3 Phillips (6") | P#1, P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2221 | 1/4" Slotted (6") | P#1, P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2222 | 5/16" Slotted (7") | P#1, P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2223 | 3/8" Slotted (8") | P#1, P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2224 | 3/8" Slotted (10") | P#1, P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2231 | 3/16" Cabinet (4") | P#1, P#2, SL 1/16", SL 3/32", SL 1/8"

48-22-2232 | 3/16" Cabinet (8") | P#1, P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2233 | 3/16" Cabinet (8") | P#1, P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2241 | #1 ECX™ (4") | P#1, P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2242 | #2 ECX™ (4") | P#1, P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2251 | #1 Square (3") | P#1, P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2252 | #2 Square (4") | P#1, P#2, SL 1/16", SL 3/32", SL 1/8"
48-22-2253 | #3 Square (6") | P#1, P#2, SL 1/16", SL 3/32", SL 1/8"

PRECISION SCREWDRIVERS

UP TO 4X STRONGER

Extended Reach

All-Metal Core

360° Rotating & Impact Resistant Back Cap

Model # | Description | Bit Types
--- | --- | ---
48-22-2604 | 4 Pc Precision Screwdriver Set | P#1, SL 1/16", SL 3/32", SL 1/8"
48-22-2606 | 6 Pc Precision Screwdriver Set w/ Case | P#1, P#2, SL 1/16", SL 3/32", SL 1/8", SL 5/32"
48-22-2610 | 6 Pc TORX® Precision Screwdriver Set w/ Case | T6, T7, T8, T9, T10, T15

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### HOLLOWCORE™ MAGNETIC NUT DRIVERS

**UNLIMITED DEPTH**

**FITS 4X MORE FASTENERS**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-2502</td>
<td>2 Pc HOLLOWCORE™ Magnetic Nut Driver Set</td>
<td>1/4&quot;, 5/16&quot;</td>
</tr>
<tr>
<td>48-22-2517</td>
<td>7 Pc HOLLOWCORE™ Metric Magnetic Nut Driver Set</td>
<td>5mm, 5.5mm, 6mm, 7mm, 8mm, 10mm, 13mm</td>
</tr>
</tbody>
</table>

### HOLLOW SHAFT NUT DRIVERS

**FITS 4X MORE FASTENERS**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-2402</td>
<td>2 Pc SAE Hollow Shaft Nut Driver Set</td>
<td>1/4&quot;, 5/16&quot;</td>
</tr>
<tr>
<td>48-22-2404</td>
<td>4 Pc SAE Hollow Shaft Nut Driver Set</td>
<td>1/4&quot;, 5/16&quot;, 7/16&quot;, 9/16&quot;</td>
</tr>
<tr>
<td>48-22-2417</td>
<td>7 Pc Metric Hollow Shaft Nut Driver Set</td>
<td>5mm, 5.5mm, 6mm, 7mm, 8mm, 10mm, 13mm</td>
</tr>
</tbody>
</table>

---

**Color-Coded Caps**

**Wrench-Ready Shaft**

**Universal Driver Head**

**3" Depth**

**Forged Strength**

**Wrench-Ready Shaft**

**Drives Square Fasteners**

**Wrench-Ready Shaft**

---

milwaukeetool.com/hand-tools
FRAMING HAMMERS

**UP TO 10x VIBRATION REDUCTION**

SHOCKSHIELD™ GRIP

Available in

- Smooth Face
- Milled Face

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-9016</td>
<td>19oz Milled Face Hammer</td>
</tr>
<tr>
<td>48-22-9017</td>
<td>17oz Smooth Face Hammer</td>
</tr>
</tbody>
</table>

POLY FIBERGLASS HAMMER

MOST DURABLE FIBERGLASS HANDLE

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-9016</td>
<td>19oz Smooth Face Poly Fiberglass Hammer</td>
</tr>
</tbody>
</table>

STAPLE & NAIL GUN

**UP TO 75% MORE DRIVING POWER**

- Rubber Overmold
- Staple Puller
- High-Low Power Switch
- Rust Resistant Nickel Coating
- All-Metal Jam-Free Magazine

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1010</td>
<td>Staple &amp; Nail Gun</td>
</tr>
</tbody>
</table>

HAMMER TACKER

**UP TO 3x LONGER LIFE**

- Reinforced Staple Flush Drive Surface
- All-Metal Jam-Free Magazine
- Rubber Overmold
- Rust Resistant Nickel Coating
- Tilt & Fire

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1020</td>
<td>Hammer Tacker</td>
</tr>
</tbody>
</table>

milwaukeetool.com/hand-tools
POCKET KNIVES

**HARDLINE** POCKET KNIVES

- **Model #** 48-22-1940
- **Description** HARDLINE™ Lockback Pocket Knife
  - Lockback
  - Strong secure hold
  - Reversible Belt Clip
  - Nail Nick
  - Easy open
  - Stainless Steel
  - Smooth Blade

- **Model #** 48-22-1985
  - HARDLINE™ 3” Serrated Blade Pocket Knife

- **Model #** 48-22-1990
  - HARDLINE™ 2-1/2” Smooth Blade Pocket Knife

- **Model #** 48-22-1994
  - HARDLINE™ 3” Smooth Blade Pocket Knife

- **Model #** 48-22-1997
  - HARDLINE™ 2-1/2” Smooth Blade Pocket Knife

- **Model #** 48-22-1998
  - HARDLINE™ 3” Serrated Blade Pocket Knife

- **Model #** 48-22-1999
  - HARDLINE™ 3-1/2” Smooth Blade Pocket Knife

**FASTBACK** SPRING ASSISTED KNIVES

- **Model #** 48-22-1995
  - FASTBACK™ Spring Assisted Knife
  - Ideal for Piercing & Tearing
  - One-Hand Blade Opening
  - Liner Lock
  - Reversible Belt Clip
  - Black Oxide Stainless Steel Blade

- **Model #** 48-22-1996
  - FASTBACK™ Camo Spring Assisted Knife
  - Ideal for Piercing & Tearing
  - One-Hand Blade Opening
  - Liner Lock
  - Reversible Belt Clip
  - Black Oxide Stainless Steel Blade

**FASTBACK** FLIP KNIVES

- **Model #** 48-22-1985
  - FASTBACK™ Hawkbill Flip Knife
  - Ideal for Controlled Slicing
  - One-Hand Blade Opening
  - Liner Lock
  - Reversible Belt Clip
  - Stainless Steel Blade

- **Model #** 48-22-1990
  - FASTBACK™ Flip Knife
  - Ideal for Controlled Slicing
  - One-Hand Blade Opening
  - Liner Lock
  - Reversible Belt Clip
  - Stainless Steel Blade

**LOCKBACK POCKET KNIFE**

- **Model #** 48-22-1940
  - Lockback Pocket Knife
  - Strong secure hold
  - Nail Nick
  - Easy open
  - Stainless Steel Smooth Blade
  - Reversible Belt Clip

Also Available
- **Model #** 48-22-1985
  - FASTBACK™ Hawkbill Flip Knife
  - Ideal for Piercing & Tearing
  - One-Hand Blade Opening
  - Liner Lock
  - Reversible Belt Clip
  - Stainless Steel Blade

Also Available
- **Model #** 48-22-1990
  - FASTBACK™ Flip Knife
  - Ideal for Controlled Slicing
  - One-Hand Blade Opening
  - Liner Lock
  - Reversible Belt Clip
  - Stainless Steel Blade
UTILITY KNIVES

**FASTBACK™ FLIP UTILITY KNIFE WITH BLADE STORAGE**

**PRESS AND FLIP**

![Wire Stripper](image1)

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1903</td>
<td>FASTBACK™ Flip Utility Knife with Blade Storage</td>
</tr>
</tbody>
</table>

**FASTBACK™ FLIP UTILITY KNIFE**

**PRESS AND FLIP**

![Wire Stripper](image2)

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1901</td>
<td>FASTBACK™ Flip Utility Knife</td>
</tr>
</tbody>
</table>

**FASTBACK™ COMPACT FLIP UTILITY KNIFE**

**PRESS AND FLIP**

![Quick Change](image3)

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1906</td>
<td>FASTBACK™ Compact Flip Utility Knife</td>
</tr>
</tbody>
</table>

**SIDE SLIDING UTILITY KNIFE**

**MAXIMUM DEPTH CONTROL**

![Wire Stripper](image4)

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1910</td>
<td>Side Sliding Utility Knife</td>
</tr>
</tbody>
</table>
SAFETY UTILITY KNIFE

2 Blade Positions Self-Retracting Lanyard Hole

Wire Stripper Tool-Free Blade Change

Model # Description
48-22-1915 Safety Utility Knife

Description | 5 Pc | 50 Pc (Dispenser)
-------------|------|-----------------
Carton Utility Blades | 48-22-1934 | 48-22-1954

SAFETY CUTTER

UP TO 5x LONGER LIFE

Recessed Blade Lanyard Hole

Tape Piercer Ergonomic Handle

Model # Description
48-22-1916 Safety Cutter

PRECISION SNAP-OFF KNIFE

Rubber Overmold Metal Knob 18mm & 25mm Models

Micro-Carbide Blade Speed Thread™ Knob 18mm & 25mm Models

Model # Description
48-22-1960 9mm (A) Precision Snap-Off Knife
48-22-1961 18mm (L) Precision Snap-Off Knife w/ Metal Lock

Description | 3 Pc | 10 Pc
-------------|------|------
9mm (A) Precision Snap-Off Replacement Blades | 48-22-9309 | 48-22-9109
18mm (L) Precision Snap-Off Replacement Blades | 48-22-9318 | 48-22-9118
25mm (H) Precision Snap-Off Replacement Blades | 48-22-9325 | 48-22-9125

GENERAL PURPOSE SNAP-OFF KNIFE

Micro-Carbide Blade Speed Thread™ Knob 18mm & 25mm Models

Model # Description
48-22-1963 9mm (A) General Purpose Snap-Off Knife
48-22-1964 18mm (L) General Purpose Snap-Off Knife

Model # Description
48-22-1965 25mm (H) General Purpose Snap-Off Knife

Description | 3 Pc | 10 Pc
-------------|------|------
9mm (A) General Purpose Snap-Off Replacement Blades | 48-22-1309 | 48-22-1109
18mm (L) General Purpose Snap-Off Replacement Blades | 48-22-1318 | 48-22-1118
25mm (H) General Purpose Snap-Off Replacement Blades | 48-22-1325 | 48-22-1125
### GENERAL PURPOSE

**LASTS 5X LONGER**

<table>
<thead>
<tr>
<th>Description</th>
<th>5 Pc</th>
<th>50 Pc (Dispenser Included)</th>
<th>75 Pc (Dispenser Included)</th>
<th>100 Pc (Dispenser Included)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hook Utility Blades</td>
<td>48-22-1932</td>
<td>48-22-1932</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Drywall Utility Blades</td>
<td>48-22-1933</td>
<td>48-22-1933</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Carton Utility Blades</td>
<td>48-22-1934</td>
<td>48-22-1934</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>

- Iron-Carbide Edge
- Dispenser Included with 50, 75, 100 Pc

### HOOK

**UP TO 2X STRONGER**

<table>
<thead>
<tr>
<th>Description</th>
<th>50 Pc (Dispenser Included)</th>
<th>75 Pc (Dispenser Included)</th>
<th>100 Pc (Dispenser Included)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hook Utility Blades</td>
<td>48-22-1952</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>

- Iron-Carbide Edge
- High Quality Steel for maximum strength in roofing applications
- Dispenser Included with 50 Pc

### DRYWALL

**UP TO 2X SHARPER**

<table>
<thead>
<tr>
<th>Description</th>
<th>50 Pc (Dispenser Included)</th>
<th>75 Pc (Dispenser Included)</th>
<th>100 Pc (Dispenser Included)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drywall Utility Blades</td>
<td>48-22-1953</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>

- Iron-Carbide Edge
- Custom Grind Angle for maximum sharpness and strength in drywall applications
- Dispenser Included with 50 Pc

### CARTON

**LASTS 5X LONGER**

<table>
<thead>
<tr>
<th>Description</th>
<th>50 Pc (Dispenser Included)</th>
<th>75 Pc (Dispenser Included)</th>
<th>100 Pc (Dispenser Included)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carton Utility Blades</td>
<td>48-22-1954</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>

- Iron-Carbide Edge
- Rounded Edges to prevent damage when opening packages
- Dispenser Included with 50 Pc
INSULATION KNIVES

STAYS SHARPER LONGER

Heat Treated Strength

Cryogenically Hardened

Model # | Description
--- | ---
48-22-1921 | Smooth Blade Insulation Knife
48-22-1922 | Serrated Blade Insulation Knife

DUCT KNIFE

STAYS SHARPER LONGER

Heat Treated Strength

Double-Edged Blade

Cryogenically Hardened

Model # | Description
--- | ---
48-22-1920 | Duct Knife
# AVIATION SNIPS

**UP TO 10X MORE CUTS**

**FORGED BLADES**

---

![Image of AVIATION SNIPS](image)

- **One-Hand Metal Locking**
- **Bolt Lock**
  - Blades will not loosen
- **Chrome Rust Protection**
- **Lanyard Hole**
- **Ergonomic Handle**
- **Flush Bolt Design**
  - Won’t hang up on material

---

### STANDARD

- **Part #**: 48-22-4530
- **Description**: Straight Cutting Standard Snips
- **Cold Rolled Steel**: 18ga
- **Stainless Steel**: 22ga

### LONG CUT

- **Part #**: 48-22-4533
- **Description**: 3 Pc Standard Snips Set
- **Cold Rolled Steel**: 18ga
- **Stainless Steel**: 22ga

### OFFSET

- **Part #**: 48-22-4510
- **Description**: Left Cutting Standard Snips
- **Cold Rolled Steel**: 18ga
- **Stainless Steel**: 22ga

### SPECIALTY

- **Part #**: 48-22-4512
- **Description**: Left Cutting Offset Snips
- **Cold Rolled Steel**: 18ga
- **Stainless Steel**: 22ga

### FORGED BLADES

- **Part #**: 48-22-4532
- **Description**: Straight Cutting Offset Snips
- **Cold Rolled Steel**: 18ga
- **Stainless Steel**: 22ga

### FORGED BLADES

- **Part #**: 48-22-4511
- **Description**: Left Cutting Right Angle Snips
- **Cold Rolled Steel**: 24ga
- **Stainless Steel**: 28ga

---

**AVIATION SNIPS**

**PART #**

**DESCRIPTION**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Cold Rolled Steel</th>
<th>Stainless Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-4530</td>
<td>Straight Cutting Standard Snips</td>
<td>18ga</td>
<td>22ga</td>
</tr>
<tr>
<td>48-22-4533</td>
<td>3 Pc Standard Snips Set</td>
<td>18ga</td>
<td>22ga</td>
</tr>
<tr>
<td>48-22-4532</td>
<td>Straight Cutting Offset Snips</td>
<td>18ga</td>
<td>22ga</td>
</tr>
<tr>
<td>48-22-4510</td>
<td>Left Cutting Standard Snips</td>
<td>18ga</td>
<td>22ga</td>
</tr>
<tr>
<td>48-22-4512</td>
<td>Left Cutting Offset Snips</td>
<td>18ga</td>
<td>22ga</td>
</tr>
<tr>
<td>48-22-4521</td>
<td>Right Cutting Offset Snips</td>
<td>18ga</td>
<td>22ga</td>
</tr>
</tbody>
</table>

**PART #**

**DESCRIPTION**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Cold Rolled Steel</th>
<th>Stainless Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-4537</td>
<td>Long Cut Straight Cutting Snips</td>
<td>20ga</td>
<td>22ga</td>
</tr>
<tr>
<td>48-22-4538</td>
<td>Long Cut Offset Snips</td>
<td>20ga</td>
<td>22ga</td>
</tr>
<tr>
<td>48-22-4500</td>
<td>Bulldog Snips</td>
<td>16ga</td>
<td>18ga</td>
</tr>
<tr>
<td>48-22-4511</td>
<td>Left Cutting Right Angle Snips</td>
<td>24ga</td>
<td>28ga</td>
</tr>
<tr>
<td>48-22-4521</td>
<td>Right Cutting Right Angle Snips</td>
<td>24ga</td>
<td>28ga</td>
</tr>
</tbody>
</table>

---

milwaukeetool.com/hand-tools 28
COMPOUND OFFSET TINNERS

BLADES WILL NOT LOOSEN

BOLT LOCK

CLASSIC TINNERS

BLADES WILL NOT LOOSEN

BOLT LOCK

Model #  Description
48-22-4005  Offset Compound Tinner

40% Larger Handle Loops

Model #  Description
48-22-4001  16” Bulldog Tinner
48-22-4002  12” Classic Tinner
48-22-4003  10” Classic Tinner

STRAIGHTER, CLEANER CUTS

ALUM. LIGHTWEIGHT TINNERS

BLADES WILL NOT LOOSEN

BOLT LOCK

Model #  Description
48-22-4004  10” Duckbill Tinner

40% Larger Handle Loops

Model #  Description
48-22-4006  13” Lightweight Tinner
48-22-4007  Lightweight Tinner Replacement Blades

40% Larger Handle Loops
SCISSORS, SEAMER, & CRIMPER

JOBSITE SCISSORS

ALL-METAL HANDLES

- Ruler Marking on Blade
- 60° Offset Design
- Bolt Lock
- Blades will not loosen

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-4040</td>
<td>Offset Jobsite Scissors (Serrated)</td>
</tr>
<tr>
<td>48-22-4041</td>
<td>Straight Jobsite Scissors (Smooth)</td>
</tr>
</tbody>
</table>

- Index Finger Groove

SPEED SEAMER™

FASTER, MORE ACCURATE HVAC FOLDS

- One-Handed Locking
- Symmetrical Handles for over-hand grip
- 1-1/2" Throat Depth
- Rust Protection
- 3/8" & 1" Markings for more accurate folds

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-6000</td>
<td>3&quot; SPEED SEAMER™</td>
</tr>
</tbody>
</table>

CRIMPER

UP TO 2x LONGER LIFE

- Reinforced Crimper Blades
- One-Handed Locking
- Bolt Lock
- Blades will not loosen

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-6001</td>
<td>5-Blade Crimper</td>
</tr>
</tbody>
</table>
HIGH-TENSION HACKSAW

MOST DURABLE. HIGHEST TENSION.

- 45° Angle Blade Position
- 6-Blade Storage Capacity
- High-Leverage Tension Knob
- Reinforced Metal Frame

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-0050</td>
<td>12&quot; High-Tension Hacksaw</td>
</tr>
</tbody>
</table>

COMPACT HACKSAW

UP TO 10x FASTER BLADE CHANGE

- Compact Design
- Tool-Free Blade Change
- Rubber Overmold

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-0012</td>
<td>Compact Hacksaw</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-43-0600</td>
<td>12&quot; 14TPI Hacksaw Blade</td>
</tr>
<tr>
<td>48-43-0610</td>
<td>12&quot; 18TPI Hacksaw Blade</td>
</tr>
</tbody>
</table>

RASPING JAB SAW

UP TO 2x FASTER HOLE EXPANSION

- Built-In Rasping Holes
- Patent pending
- 6" Plaster/Drywall Blade
- Rubber Overmold

Handle Designed for Plunge Cuts

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-0304</td>
<td>Raspaging Jab Saw</td>
</tr>
</tbody>
</table>

FOLDING JAB SAW

UP TO 10x FASTER BLADE CHANGE

- Uses Standard SAWZALL® Recip Saw Blades
- Tool-Free Blade Change
- Rubber Overmold

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-0305</td>
<td>Folding Jab Saw</td>
</tr>
</tbody>
</table>

milwaukee.com/hand-tools
### PVC/ABS Saw

**FAST CUTS THROUGH PVC**

![18" PVC/ABS Saw](image)

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-0223</td>
<td>18&quot; PVC/ABS Saw</td>
</tr>
<tr>
<td>48-22-0220</td>
<td>18&quot; PVC/ABS Saw Blade</td>
</tr>
<tr>
<td>48-22-0212</td>
<td>12&quot; PVC/ABS Saw</td>
</tr>
<tr>
<td>48-22-0222</td>
<td>12&quot; PVC/ABS Saw Replacement Blade</td>
</tr>
</tbody>
</table>

**Features**
- Impact Resistant Body
- Tool-Free Blade Change
- Metal Core
- Comfortable Handle Design
- One-Handed Lock
- Pierce Point Blade
- Lanyard-Ready
- V-Shaped Blade
- Rework Groove

### Tubing Cutter

**INDESTRUCTIBLE FRAME**

![Tubing Cutter](image)

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-4202</td>
<td>Tubing Cutter</td>
</tr>
<tr>
<td>48-22-4203</td>
<td>Tubing Cutter Blade</td>
</tr>
</tbody>
</table>

**Features**
- Metal Core
- Replaceable Blades
- One-Hand Locking

### Ratcheting Pipe Cutters

**STRAIGHT, EASY CUTS**

![Ratcheting Pipe Cutter](image)

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-4210</td>
<td>1-5/8&quot; Ratcheting Pipe Cutter</td>
</tr>
<tr>
<td>48-22-4211</td>
<td>1-5/8&quot; Ratcheting Pipe Cutter Replacement Blade</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-4215</td>
<td>2-3/8&quot; Ratcheting Pipe Cutter</td>
</tr>
<tr>
<td>48-22-4216</td>
<td>2-3/8&quot; Ratcheting Pipe Cutter Replacement Blade</td>
</tr>
</tbody>
</table>

**Features**
- Lanyard-Ready
- One-Handed Lock
- Comfortable Handle Design
MINI COPPER TUBING CUTTERS

5X LONGER LIFE
REINFORCED ADJUSTMENT MECHANISM

Model | Description | Cut Capacity | Extra Blade
---|---|---|---
48-22-4250 | 1/2" Mini Copper Tubing Cutter | 1/8"–5/8" | |
48-22-4256 | 3/4" Mini Copper Tubing Cutter | 1/8"–7/8" | |
48-22-4251 | 1" Mini Copper Tubing Cutter | 1/8"–1-1/8" | Yes
48-22-4256 | 2 Pc Replacement Cutter Wheels | |

CLOSE QUARTERS COPPER TUBING CUTTERS

MOST COMPACT. LONGEST LIFE.

Model | Description
---|---
48-22-4260 | 1/2" Close Quarters Copper Tubing Cutter
48-22-4261 | 3/4" Close Quarters Copper Tubing Cutter
48-22-4262 | 1" Close Quarters Copper Tubing Cutter
48-22-4263 | 3 Pc Close Quarters Copper Tubing Cutter Set
48-22-4266 | Replacement Copper Tubing Cutter Wheels

REAMING PEN

All-Metal Design

Model | Description
---|---
48-22-4255 | Reaming Pen
#### CONSTANT SWING COPPER TUBING CUTTER

**STRAIGHTER, CLEANER CUTS**

**4 CHROME ROLLERS**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Cut Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-4252</td>
<td>1-1/2&quot; Constant Swing Copper Tubing Cutter w/ Extra Blade</td>
<td>1/8&quot;–1-5/8&quot;</td>
</tr>
<tr>
<td>48-22-4259</td>
<td>1&quot; Constant Swing Copper Tubing Cutter w/ Extra Blade</td>
<td>1/8&quot;–1-1/8&quot;</td>
</tr>
<tr>
<td>48-22-4256</td>
<td>2 Pc Replacement Cutter Wheels</td>
<td></td>
</tr>
<tr>
<td>48-22-4257</td>
<td>3 Pc Replacement Reaming Blade</td>
<td></td>
</tr>
</tbody>
</table>

#### QUICK-ADJUST TUBING CUTTER

**STRAIGHTER, CLEANER CUTS**

**4 CHROME ROLLERS**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Cut Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-4253</td>
<td>2-1/2&quot; Quick-Adjust Copper Tubing Cutter</td>
<td>1/2&quot;–2-5/8&quot;</td>
</tr>
<tr>
<td>48-22-4254</td>
<td>3-1/2&quot; Quick-Adjust Copper Tubing Cutter</td>
<td>1/2&quot;–3-1/2&quot;</td>
</tr>
<tr>
<td>48-22-4256</td>
<td>2 Pc Replacement Cutter Wheels</td>
<td></td>
</tr>
<tr>
<td>48-22-4206</td>
<td>Replacement PEX Cutter Wheel</td>
<td></td>
</tr>
</tbody>
</table>
**PACKOUT™ MODULAR STORAGE**

**MOST VERSATILE DURABLE MODULAR STORAGE SYSTEM**

**FULLY CUSTOMIZE YOUR STORAGE™**

**IMPACT RESISTANT™**

**IP65 RATED PROTECTION™**

---

**PACKOUT™ TOOL BOXES**

- **Model #**
  - 48-22-8424
  - 48-22-8425
  - 48-22-8426

- **Description**
  - PACKOUT™ Tool Box
  - PACKOUT™ Large Tool Box
  - PACKOUT™ Rolling Tool Box

- **Carrying Capacity**
  - 75 lbs
  - 100 lbs
  - 250 lbs

---

**BUILD YOUR SYSTEM**

- Impact Resistant Polymer Body
- Metal Reinforced Locking Point
- IP65 Rated Protection
- Industrial-Grade Extension Handle
- Interior Organization Tray
- Metal Reinforced Corners
- 9" All-Terrain Wheels

---

Also Available

- PACKOUT™ Tool Box
  - 48-22-8424

---

- PACKOUT™ Large Tool Box
  - 48-22-8425

---

milwaukeetool.com/hand-tools 35
### PACKOUT™ ORGANIZERS

- **Impact Resistant Polymer Body**
- **No-Travel Bin Seals**
- **IP65 Rated Protection**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8435</td>
<td>PACKOUT™ Compact Organizer</td>
</tr>
<tr>
<td>48-22-8430</td>
<td>PACKOUT™ Organizer</td>
</tr>
</tbody>
</table>

### PACKOUT™ TOTES

- **Durable Overmold Handle**
- **All-Metal Hardware**
- **Tear-Resistant 1680D Ballistic Material**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Tool Pockets</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8310</td>
<td>PACKOUT™ 10&quot; Tote</td>
<td>28</td>
</tr>
<tr>
<td>48-22-8315</td>
<td>PACKOUT™ 15&quot; Tote</td>
<td>31</td>
</tr>
<tr>
<td>48-22-8420</td>
<td>PACKOUT™ 20&quot; Tote</td>
<td>32</td>
</tr>
</tbody>
</table>
ROLLING BAGS

MOST DURABLE. ULTIMATE VERSATILITY.

- Industrial Grade Extension Handle
- Padded Tech Pocket
- 1680D Ballistic Material Construction
- Tear Resistant 1680D Ballistic Nylon

Model # | Description
--- | ---
48-22-8221 | 18" Rolling Bag
48-22-8220 | 24" HARDTOP™ Rolling Bag

Also Available:
18" Rolling Bag 48-22-8221

HARDTOP™ Construction for stacking
Metal-Reinforced Skid Plates
6" All-Terrain Wheels
All-Metal Rims & Through Axle

JOBSITE TECH BAG

UP TO 5X MORE DURABLE

- All-Metal Hardware
- Integrated Rain Fly
- Puncture Resistant Pocket
- Impact-Resistant Base

Model # | Description
--- | ---
48-22-8210 | Jobsite Tech Bag

Tear Resistant 1680D Ballistic Nylon

milwaukee-tool.com/hand-tools
LOW-PROFILE BACKPACK

**DURABLE, LOW-PROFILE DESIGN**

- Attachment Strap
- Tape Measure Clip
- 1680D Ballistic Material
- Load-Bearing Harness
- Padded Electronics Sleeve
- Rugged Metal Zippers
- Reinforced Base

**TEAR RESISTANT**

Tear Resistant 1680D Ballistic Nylon

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8202</td>
<td>Low-Profile Backpack</td>
</tr>
</tbody>
</table>

JOBSITE BACKPACK

**UP TO 5X MORE DURABLE**

- 35 Organizer Pockets
- Laptop Storage Fits up to 15.6"
- Hard Bottom Base
- Load-Bearing Harness

**Impact-Resistant Base**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8200</td>
<td>Jobsite Backpack</td>
</tr>
</tbody>
</table>

ULTIMATE JOBSITE BACKPACK

**ULTIMATE DURABILITY, PROTECTION, & STORAGE**

- Attachment Strap
- Tape Measure Clip
- Hardshell Protected Equipment Pocket
- Load-Bearing Harness
- Hardshell Protected Electronics Pocket
- 1680D Ballistic Material
- Impact Resistant Base
- Rugged Metal Zippers

**Impact-Resistant Base**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8201</td>
<td>Ultimate Jobsite Backpack</td>
</tr>
</tbody>
</table>
### PARACHUTE ORGANIZER BAG

**FASTEST ACCESS, BEST CONSTRUCTION**

- 6 Interior Pockets
- 3 Exterior Pockets
- Weather-Resistant Base
- Durable Handle
- Zipper Pouch for Accessory Storage
- Stackable Design

**Stand-Up & Stay-Open Design**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8170</td>
<td>Parachute Organizer Bag</td>
</tr>
</tbody>
</table>

### BUCKET ORGANIZER WRAP

**MOST VERSATILE BUCKET ORGANIZER**

- Versatile Open Bucket Design
- 1680D Ballistic Material

**Exterior Zipper Pockets**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8175</td>
<td>Bucket Organizer Wrap</td>
</tr>
</tbody>
</table>

### ZIPPER POUCHES

**UP TO 2X MORE DURABLE**

- Hang Loop
- Colored Webbing for easy ID
- Rugged Metal Zipper
- Water Resistant Stand-Up Base

**3 Pc Zipper Pouches**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8180</td>
<td>Zipper Pouch</td>
</tr>
<tr>
<td>48-22-8193</td>
<td>3 Pc Zipper Pouches</td>
</tr>
</tbody>
</table>
## JOBSITE WORK BOXES

**SURVIVES 1000 DROPS**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8020</td>
<td>26” Jobsite Work Box</td>
</tr>
<tr>
<td>48-22-8010</td>
<td>13” Jobsite Work Box</td>
</tr>
</tbody>
</table>

- Clamping Cut Groove
- Protected Recessed Latches
- Butressed Hinges
- Drip Ledge Lid
- Removable Tray
- Box Divider
- Indexing Squares
- Buttressed Hinges
- Corner Pocket Storage
- Floating Tray
- Removable/ Mountable Tray Storage
- Durable Latches
- Reinforcing Rib
- Weather Seal
- No-Travel Bin Seals
- Mountable Bins
- Impact Resistant

## JOBSITE ORGANIZER

**MOST VERSATILE JOBSITE ORGANIZER**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8030</td>
<td>20” Jobsite Organizer</td>
</tr>
</tbody>
</table>

- Full Access While Stacked
- No-Travel Bin Seals
- Weather Seal
- Durable Latches
- Mountable Bins
## DEMOLITION GLOVES

**UP TO 5X LONGER LIFE**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8735</td>
<td>Demolition Gloves S</td>
</tr>
<tr>
<td>48-22-8731</td>
<td>Demolition Gloves M</td>
</tr>
<tr>
<td>48-22-8732</td>
<td>Demolition Gloves L</td>
</tr>
</tbody>
</table>

**Key Features**
- TPR Knuckle Protection
- SMARTSWIPE™ Knuckle
- ARMORTEX® Reinforced Thumb, Fingers, and Padded Palm
- Breathable Lining & Mesh Backing
- Terry Cloth Sweat Wipe
- SMARTSWIPE™ Reinforced Thumb, Fingers, and Padded Palm

## PERFORMANCE GLOVES

**ULTIMATE DURABILITY. ALL-DAY COMFORT.**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8725</td>
<td>Performance Gloves S</td>
</tr>
<tr>
<td>48-22-8721</td>
<td>Performance Gloves M</td>
</tr>
<tr>
<td>48-22-8722</td>
<td>Performance Gloves L</td>
</tr>
<tr>
<td>48-22-8723</td>
<td>Performance Gloves XL</td>
</tr>
<tr>
<td>48-22-8724</td>
<td>Performance Gloves XXL</td>
</tr>
</tbody>
</table>

**Key Features**
- High Dexterity Finger Tips
- SMARTSWIPE™ Knuckle & Finger Tips (Non-Fingerless Only)
- Breathable Lining
- Terry Cloth Sweat Wipe
- SMARTSWIPE™ Reinforced Thumb Seam

## FREE-FLEX GLOVES

**ULTIMATE DURABILITY. ALL-DAY COMFORT.**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8715</td>
<td>Free-Flex Gloves S</td>
</tr>
<tr>
<td>48-22-8711</td>
<td>Free-Flex Gloves M</td>
</tr>
<tr>
<td>48-22-8712</td>
<td>Free-Flex Gloves L</td>
</tr>
<tr>
<td>48-22-8713</td>
<td>Free-Flex Gloves XL</td>
</tr>
<tr>
<td>48-22-8714</td>
<td>Free-Flex Gloves XXL</td>
</tr>
</tbody>
</table>

**Key Features**
- SMARTSWIPE™ Knuckle
- Breathable Lining
- Terry Cloth Sweat Wipe
- Free-Flex Elastic Cuff
- SMARTSWIPE™ Palm & Finger Tips
- Reinforced Thumb Seam
WORK BELTS & POUCHES

**UP TO 5X LONGER LIFE**

Contractor’s Work Belt with Suspension Rig
48-22-8120

Electrician’s Work Belt
48-22-8110

Carpenter’s Work Pouch
48-22-8121

Hammer Loop
48-22-8149

3-Tier Material Work Pouch
48-22-8122

Padded Rig
48-22-8145
XL Padded Rig
48-22-8146

Tear Resistant 1680D Ballistic Nylon

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8100</td>
<td>Electrician’s Work Pouch with Quick-Adjust Belt</td>
</tr>
<tr>
<td>48-22-8110</td>
<td>Electrician’s Work Belt</td>
</tr>
<tr>
<td>48-22-8111</td>
<td>Compact Electrician’s Work Pouch</td>
</tr>
<tr>
<td>48-22-8120</td>
<td>Contractor’s Work Belt with Suspension Rig</td>
</tr>
<tr>
<td>48-22-8121</td>
<td>Carpenter’s Work Pouch</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8122</td>
<td>3-Tier Material Work Pouch</td>
</tr>
<tr>
<td>48-22-8140</td>
<td>Padded Work Belt</td>
</tr>
<tr>
<td>48-22-8145</td>
<td>Padded Rig</td>
</tr>
<tr>
<td>48-22-8146</td>
<td>XL Padded Rig</td>
</tr>
<tr>
<td>48-22-8149</td>
<td>Hammer Loop</td>
</tr>
</tbody>
</table>