ULTIMATE PRODUCTIVITY. SUPERIOR PERFORMANCE.
## STUD™ TAPE MEASURES

**INDUSTRY’S MOST DURABLE TAPE MEASURE**

**17 REACH**

- **Fully reinforced, impact resistant frame**
- **Impact Resistant Frame**
- **5-point reinforced**
- **Longest Lasting Blade**
- **2-Sided Printing**
- **Increased measurement readability**
- **Finger Stop**
- **Protects from blade retraction**
- **Anti-Tear Coating**
- **Reinforces first 6” of blade**
- **Nylon Blade Coating**
- **Also Available:**
  - 25ft Compact Tape Measure w/ Engineer Scale w/ 12’ Reach*
  - 25ft Compact Auto-Lock Tape Measure w/ 12’ Reach*

### Wide Blade Tape Measures

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-216</td>
<td>18ft Wide Blade Tape Measure w/ 15’ Reach*</td>
</tr>
<tr>
<td>48-22-225</td>
<td>20ft Wide Blade Tape Measure w/ 17’ Reach*</td>
</tr>
<tr>
<td>48-22-235</td>
<td>25ft Wide Blade Tape Measure w/ 17’ Reach*</td>
</tr>
<tr>
<td>48-22-240</td>
<td>30ft Wide Blade Tape Measure w/ 17’ Reach*</td>
</tr>
<tr>
<td>48-22-245</td>
<td>25ft Wide Blade Magnetic Tape Measure w/ 17’ Reach*</td>
</tr>
<tr>
<td>48-22-250</td>
<td>30ft Wide Blade Magnetic Tape Measure w/ 17’ Reach*</td>
</tr>
</tbody>
</table>

### Compact Tape Measures

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-615</td>
<td>10ft Compact Tape Measure w/ 12’ Reach*</td>
</tr>
<tr>
<td>48-22-620</td>
<td>15ft Compact Tape Measure w/ 12’ Reach*</td>
</tr>
<tr>
<td>48-22-625</td>
<td>20ft Compact Tape Measure w/ 12’ Reach*</td>
</tr>
<tr>
<td>48-22-630</td>
<td>25ft Compact Tape Measure w/ 12’ Reach*</td>
</tr>
<tr>
<td>48-22-635</td>
<td>30ft Compact Tape Measure w/ 12’ Reach*</td>
</tr>
<tr>
<td>48-22-640</td>
<td>40ft Compact Tape Measure w/ 12’ Reach*</td>
</tr>
</tbody>
</table>

### Compact Wide Blade Tape Measures

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>48-22-014</td>
<td>16ft Wide Blade Tape Measure w/ 15’ Reach*</td>
</tr>
<tr>
<td>48-22-024</td>
<td>25ft Wide Blade Tape Measure w/ 17’ Reach*</td>
</tr>
<tr>
<td>48-22-034</td>
<td>35ft Wide Blade Tape Measure w/ 17’ Reach*</td>
</tr>
<tr>
<td>48-22-044</td>
<td>40ft Wide Blade Tape Measure w/ 17’ Reach*</td>
</tr>
<tr>
<td>48-22-049</td>
<td>5m/16ft Wide Blade Tape Measure w/ 15’ Reach*</td>
</tr>
<tr>
<td>48-22-059</td>
<td>8m/26ft Wide Blade Tape Measure w/ 17’ Reach*</td>
</tr>
</tbody>
</table>

### Compact Tape Measures

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-6615</td>
<td>10ft Compact Tape Measure w/ 12’ Reach*</td>
</tr>
<tr>
<td>48-22-6620</td>
<td>15ft Compact Tape Measure w/ 12’ Reach*</td>
</tr>
<tr>
<td>48-22-6625</td>
<td>20ft Compact Tape Measure w/ 12’ Reach*</td>
</tr>
<tr>
<td>48-22-6630</td>
<td>25ft Compact Tape Measure w/ 12’ Reach*</td>
</tr>
<tr>
<td>48-22-6635</td>
<td>30ft Compact Tape Measure w/ 12’ Reach*</td>
</tr>
<tr>
<td>48-22-6640</td>
<td>40ft Compact Tape Measure w/ 12’ Reach*</td>
</tr>
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</table>

### Compact Wide Blade Tape Measures

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-0414</td>
<td>16ft Compact Wide Blade Tape Measure w/ 15’ Reach*</td>
</tr>
<tr>
<td>48-22-0424</td>
<td>25ft Compact Wide Blade Tape Measure w/ 17’ Reach*</td>
</tr>
<tr>
<td>48-22-0434</td>
<td>35ft Compact Wide Blade Tape Measure w/ 17’ Reach*</td>
</tr>
<tr>
<td>48-22-0444</td>
<td>40ft Compact Wide Blade Tape Measure w/ 17’ Reach*</td>
</tr>
<tr>
<td>48-22-0449</td>
<td>5m/16ft Compact Wide Blade Tape Measure w/ 15’ Reach*</td>
</tr>
<tr>
<td>48-22-0459</td>
<td>8m/26ft Compact Wide Blade Tape Measure w/ 17’ Reach*</td>
</tr>
</tbody>
</table>

*Based on maximum extension of average professional user  †Based on maximum performance and extension of average professional user
**FIBERGLASS LONG TAPES**

**SMOOTHER RETRACTION**

3:1 Metal Planetary Gears
Prevents gear stripping & stress

- Nylon Bond
- Kink-Resistant Blade

2-Sided Printing

**GRIME GUARD™ Blade Wiper**

Smoothest retraction

---

**CLOSED REEL LONG TAPE**

**LONGEST LIFE**

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

- Reinforced Metal Frame

**GRIME GUARD™ Industry’s First Blade Wiper**

---

**OPEN REEL STEEL LONG TAPES**

**50% LESS STRETCH**

3:1 Metal Planetary Gears
Prevents gear stripping & stress

- Nylon Bond
- Kink-Resistant Blade

2-Sided Printing

**GRIME GUARD™ Blade Wiper**

Smoothest retraction

---

**MEASURING WHEELS**

**MOST EFFICIENT. ONE-HANDED CONTROL.**

- IPS4 Rated Backlit LCD Screen
- Memory to Access Stored Measurements
- One-Handed Reset
- Save up to 4 Measurements

- 12" Wheel
- 6" Measuring Wheel

**IP65 Rated**

- Handle Mounted Display & Controls
- Telescoping Frame
- Easy storage

---

**LONG TAPES & MEASURING WHEELS**

---

**REDSTICK LEVELS**

---

**SUPERIOR ACCURACY. DYNAMIC READOUT.**

- Pin Mode
- Top Read Display Screen
- Replaceable Endcaps
- 20% Stronger Frame

---

**LONGSTRAIGHT™**

- Built-in Blade Wiper
- Precision Readout
- Kink-Resistant Blade

---

**REDSTICK™ DYNAMIC LEVELS**

**MOST DURABLE. GUARANTEED ACCURACY.**

- All-Metal Reinforced BACKBONE™
- Impact-Resistant Removable Endcaps

---

**REDSTICK™ DIGITAL LEVELS**

- Top Read Display Screen
- Durable Overmold Handles

---

**REDSTICK™ BOX LEVELS**

- Amplified Rare-Earth Magnets
- Durable Overmold Handles

---

**SHARPSITE™ Vial Technology**

- High-Contrast Vial Surround
- Milled Edges

---

**REDSTICK JAMB LEVELS**

- Magnetic
- Impact-Resistant Removable Endcaps

---

**REDSTICK JAMBIER®**

- Magnetic
- Impact-Resistant Removable Endcaps

---

**REDSTICK LAMPS**

- Impact-Resistant Removable Endcaps

---

**REDSTICK LEVELS**
**REDSTICK® COMPACT BOX LEVELS**

**COMPACT DURABILITY**

- High-Contrast Vial Surround
- Amplified Rare-Earth Magnets
- Replaceable Endcaps

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</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>
<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>MLCMSM48</td>
<td>24&quot; / 48&quot; REDSTICK™ Compact Box Level Set</td>
</tr>
<tr>
<td>MLCMMMS48</td>
<td>24&quot; / 48&quot; REDSTICK™ Magnetic Compact Box Level Set</td>
</tr>
</tbody>
</table>

**REDSTICK® EXPANDABLE LEVELS**

**FRAME MORE. NO MAINTENANCE.**

- Full Grip I-Beam Frame
- Durable Insert Lock
- Replaceable Endcaps

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLXPM78</td>
<td>48&quot; – 78&quot; REDSTICK™ Magnetic Expandable Level</td>
</tr>
<tr>
<td>MLXP712</td>
<td>6-1/2' – 12' REDSTICK™ Expandable Level</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>ALSO AVAILABLE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLXPSB</td>
</tr>
</tbody>
</table>

**REDSTICK® CONCRETE LEVELS**

**BUILT FOR CONCRETE**

- Smooth Screed
- Magnesium Base
- Rounded Edge Smoothing
- All Metal Core

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLCON24</td>
<td>24&quot; REDSTICK™ Concrete Level</td>
</tr>
<tr>
<td>MLCON48</td>
<td>48&quot; REDSTICK™ Concrete Level</td>
</tr>
<tr>
<td>MLCON72</td>
<td>72&quot; REDSTICK™ Concrete Level</td>
</tr>
</tbody>
</table>

**MAGNETIC I-BEAM LEVELS**

**STRONGEST FRAME. SETS PITCH.**

- High Contrast Vial Surrounds
- 1% & 2% Pitch Lines
- Impact Resistant Vial Covers
- Hi-Vis Vial Spirits
- Top View Window
- Strong Magnetic Edge
- Non-Removable Endcaps

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLIBM24</td>
<td>24&quot; Magnetic I-Beam Level</td>
</tr>
<tr>
<td>MLIBM48</td>
<td>48&quot; Magnetic I-Beam Level</td>
</tr>
<tr>
<td>MLIBM78</td>
<td>78&quot; Magnetic I-Beam Level</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>ALSO AVAILABLE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLIBMPSB</td>
</tr>
</tbody>
</table>

**BILLET TORPEDO LEVELS**

**STRONGEST MAGNETS. EASIEST PITCH SET.**

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

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLIBM24</td>
<td>Magnetic I-Beam Level</td>
</tr>
<tr>
<td>MLIBM48</td>
<td>Magnetic I-Beam Level</td>
</tr>
<tr>
<td>MLIBM78</td>
<td>Magnetic I-Beam Level</td>
</tr>
</tbody>
</table>

**BLOCK TORPEDO LEVELS**

**STRONGEST MAGNETS. 360° ACCURACY.**

- Lanyard Hole
- Die-Cast Aluminum Body
- 360° Vial Locks

<table>
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<tr>
<td>MLIBM24</td>
<td>Magnetic I-Beam Level</td>
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<td>MLIBM48</td>
<td>Magnetic I-Beam Level</td>
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<td>MLIBM78</td>
<td>Magnetic I-Beam Level</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>ALSO AVAILABLE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLIBMPSB</td>
</tr>
</tbody>
</table>

**REDSTICK® LEVELS**

- SHARPSITE™ Vial Technology
- Die-Cast Aluminum Body
- Lanyard Hole
- High-Contrast Vial Surrounds
- Amplified Rare-Earth Magnets
- Hang Hole
- Replaceable Endcaps

**EXPANDABLE LEVELS**

- SHARPSITE™ Vial Technology
- Die-Cast Aluminum Body
- Lanyard Hole
- High-Contrast Vial Surround
- Amplified Rare-Earth Magnets
- Hang Hole
- Replaceable Endcaps

**CONCRETE LEVELS**

- SHARPSITE™ Vial Technology
- Die-Cast Aluminum Body
- Lanyard Hole
- High-Contrast Vial Surround
- Amplified Rare-Earth Magnets
- Hang Hole
- Replaceable Endcaps

**LEVELS**

- SHARPSITE™ Vial Technology
- Die-Cast Aluminum Body
- Lanyard Hole
- High-Contrast Vial Surround
- Amplified Rare-Earth Magnets
- Hang Hole
- Replaceable Endcaps

**LEVELS**

- SHARPSITE™ Vial Technology
- Die-Cast Aluminum Body
- Lanyard Hole
- High-Contrast Vial Surround
- Amplified Rare-Earth Magnets
- Hang Hole
- Replaceable Endcaps
RAFTER SQUARES

**STRONGER FRAME. MOST VERSATILE.**

- **Model #** | **Description**
- ML5QM070 | 7” Magnetic Rafter Square
- MLSQ170 | 180mm Rafter Square

**FRAMING SQUARES**

**STRONGER THAN STEEL. MOST VERSATILE.**

- **Model #** | **Description**
- MLSQ024 | 16” x 24” Framing Square
- MLSQ124 | 400mm x 600mm Framing Square

**LASER DISTANCE METERS**

**EASIEST MEASUREMENTS**

- **Model #** | **Description**
- MLDS201 | 65ft Laser Distance Meter
- MLDS202 | 150ft Laser Distance Meter

**FOLDING RULES & CHALK REELS**

**FOLDING RULES**

**MOST DURABLE MARKINGS & BLADES**

- **Model #** | **Description**
- 48-22-3901 | 100ft Bold Line Chalk Reel
- 48-22-3902 | 100ft Bold Line Chalk Reel & Blue Chalk Refill
- 48-22-3903 | 100ft Bold Line Chalk Reel & Red Chalk Refill
- 48-22-3909 | Bold Replacement Line

**CHALK REELS**

**LONGEST GEAR LIFE. BEST PERFORMANCE.**

- **Model #** | **Description**
- 48-22-3801 | 6-1/2ft Composite Folding Rule
- 48-22-3802 | 6-1/2ft Engineer’s Composite Folding Rule

**EXTRA BOLD LARGE CAPACITY CHALK REELS**

**LONGEST GEAR LIFE. BEST PERFORMANCE.**

- **Model #** | **Description**
- 48-22-3900 | 100ft Bold Line Chalk Reel
- 48-22-3905 | 150ft Extra Bold Replacement Line
### INKZALL™ JOBSITE MARKERS

**WRITES ON DUST WET OILY SURFACES**

**Available Colors**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-3150</td>
<td>12 Pc INKZALL™ Ultra Fine Point Black Jobsite Markers</td>
</tr>
<tr>
<td>48-22-3154</td>
<td>4 Pc INKZALL™ Ultra Fine Point Black Jobsite Markers</td>
</tr>
<tr>
<td>48-22-3158</td>
<td>2 Pc INKZALL™ Ultra Fine Point Black Jobsite Markers</td>
</tr>
<tr>
<td>48-22-3159</td>
<td>8 Pc INKZALL™ Fine Point Color Jobsite Markers</td>
</tr>
<tr>
<td>48-22-3100</td>
<td>INKZALL™ Fine Point Black Jobsite Markers (Bulk 36 Pc)</td>
</tr>
<tr>
<td>48-22-3130</td>
<td>INKZALL™ Chisel Tip Black Jobsite Markers (Bulk 36 Pc)</td>
</tr>
<tr>
<td>48-22-3170</td>
<td>INKZALL™ Fine Point Red Jobsite Markers (Bulk 36 Pc)</td>
</tr>
<tr>
<td>48-22-3180</td>
<td>INKZALL™ Fine Point Blue Jobsite Markers (Bulk 36 Pc)</td>
</tr>
<tr>
<td>48-22-3190</td>
<td>INKZALL™ Fine Point Green Jobsite Markers (Bulk 36 Pc)</td>
</tr>
</tbody>
</table>

**WRITES ON**

- Dust
- Wet
- Oily Surfaces

**Features**

- Hard Hat Clip
- Lanyard Hole
- Fine Point
- Anti-Roll Body

### INKZALL™ LIQUID PAINT MARKERS

**BLEED & SMEAR RESISTANT**

**Available Colors**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-3712</td>
<td>INKZALL™ Medium Point White Liquid Paint Marker</td>
</tr>
<tr>
<td>48-22-3710</td>
<td>INKZALL™ Medium Point Yellow Liquid Paint Marker</td>
</tr>
<tr>
<td>48-22-3711</td>
<td>INKZALL™ Medium Point Green Liquid Paint Marker</td>
</tr>
<tr>
<td>48-22-3713</td>
<td>INKZALL™ Medium Point Orange Liquid Paint Marker</td>
</tr>
</tbody>
</table>

**Available Colors**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-3721</td>
<td>INKZALL™ Medium Point Red Liquid Paint Marker</td>
</tr>
<tr>
<td>48-22-3720</td>
<td>INKZALL™ Medium Point Black Liquid Paint Marker</td>
</tr>
</tbody>
</table>

**Features**

- Valve Activated
- Medium Point

### INKZALL™ JOBSITE HIGHLIGHTERS

**Available Colors**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-3201</td>
<td>5 Pc INKZALL™ Chisel Tip Yellow Jobsite Highlighters</td>
</tr>
<tr>
<td>48-22-3206</td>
<td>5 Pc INKZALL™ Chisel Tip Colored Jobsite Highlighters</td>
</tr>
</tbody>
</table>

**Available Colors**

- Yellow
- Red
- Blue
- Orange

**Features**

- Lanyard Hole
- Hard Hat Clip

### INKZALL™ JOBSITE PENS

**SHARP, PRECISE LINES**

**Available Colors**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-3160</td>
<td>12 Pc INKZALL™ Ultra Fine Point Black Jobsite Pens</td>
</tr>
<tr>
<td>48-22-3161</td>
<td>12 Pc INKZALL™ Ultra Fine Point Red Jobsite Pens</td>
</tr>
<tr>
<td>48-22-3162</td>
<td>12 Pc INKZALL™ Ultra Fine Point Blue Jobsite Pens</td>
</tr>
<tr>
<td>48-22-3164</td>
<td>4 Pc INKZALL™ Ultra Fine Point Black Jobsite Pens</td>
</tr>
<tr>
<td>48-22-3165</td>
<td>4 Pc INKZALL™ Ultra Fine Point Color Jobsite Pens</td>
</tr>
</tbody>
</table>

**Available Colors**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-3169</td>
<td>4 Pc INKZALL™ Ultra Fine Point Silver Metallic Pens</td>
</tr>
<tr>
<td>48-22-3171</td>
<td>4 Pc INKZALL™ Ultra Fine Point Gold Metallic Pens</td>
</tr>
</tbody>
</table>

**Features**

- Ultra Fine Point
- Clog Resistant Tip

### INKZALL™ PAINT MARKERS, PENS & HIGHLIGHTERS

**ULTRA FINE POINT**

- **Medium Point**
- **Chisel Tip**
- **Fine Point**
- **Extra Large Chisel Tip**
- **Large Chisel Tip**

**Available Colors**

- Black
- Red
- Blue
- Green
- Orange

**Features**

- Marks on Surfaces up to 300°F
- UP TO 4X LONGER LIFE

**Available Colors**

- White
- Yellow
- Black
- Red
- Blue
- Green
- Orange

**Features**

- Valve Activated
- Medium Point

**Available Colors**

- White
- Yellow
- Black
- Red
- Blue
- Green
- Orange

**Features**

- Lanyard Hole
- Hard Hat Clip

**Available Colors**

- Yellow
- Red
- Blue
- Orange

**Features**

- Lanyard Hole
- Hard Hat Clip

**Available Colors**

- Yellow
- Red
- Blue
- Orange

**Features**

- Lanyard Hole
- Hard Hat Clip

**Available Colors**

- Yellow
- Red
- Blue
- Orange

**Features**

- Lanyard Hole
- Hard Hat Clip

**Available Colors**

- Yellow
- Red
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- Lanyard Hole
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**Available Colors**

- Yellow
- Red
- Blue
- Orange

**Features**

- Lanyard Hole
- Hard Hat Clip

**Available Colors**

- Yellow
- Red
- Blue
- Orange

**Features**

- Lanyard Hole
- Hard Hat Clip

**Available Colors**

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- Red
- Blue
- Orange

**Features**

- Lanyard Hole
- Hard Hat Clip

**Available Colors**

- Yellow
- Red
- Blue
- Orange

**Features**

- Lanyard Hole
- Hard Hat Clip

**Available Colors**

- Yellow
- Red
- Blue
- Orange

**Features**

- Lanyard Hole
- Hard Hat Clip
## COMFORT GRIP STRAIGHT JAW PLIERS

**REAM AND PUNCH™**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Jaw Capacity</th>
<th>Reaming Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-6306</td>
<td>6” Comfort Grip Straight Jaw Pliers</td>
<td>1”</td>
<td>3/4”</td>
</tr>
<tr>
<td>48-22-6310</td>
<td>10” Comfort Grip Straight Jaw Pliers</td>
<td>2”</td>
<td>2”</td>
</tr>
<tr>
<td>48-22-6312</td>
<td>12” Comfort Grip Straight Jaw Pliers</td>
<td>2-1/4”</td>
<td>2-3/4”</td>
</tr>
<tr>
<td>48-22-6314</td>
<td>16” Comfort Grip Straight Jaw Pliers</td>
<td>4-1/4”</td>
<td>3”</td>
</tr>
<tr>
<td>48-22-6320</td>
<td>20” Comfort Grip Straight Jaw Pliers</td>
<td>5-1/2”</td>
<td>3-1/2”</td>
</tr>
<tr>
<td>48-22-6330</td>
<td>2 Pc 6” &amp; 10” Comfort Grip Straight Jaw Pliers Set</td>
<td>1” &amp; 2”</td>
<td>3/4” &amp; 2”</td>
</tr>
<tr>
<td>48-22-6331</td>
<td>3 Pc Comfort Grip Pliers Set</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**COMFORT GRIP V-JAW PLIERS**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Jaw Capacity</th>
<th>Reaming Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-6208</td>
<td>8” Comfort Grip V-Jaw Pliers</td>
<td>1-1/2”</td>
<td>1-1/2”</td>
</tr>
<tr>
<td>48-22-6210</td>
<td>10” Comfort Grip V-Jaw Pliers</td>
<td>2”</td>
<td>2”</td>
</tr>
</tbody>
</table>

**SMOOTH JAW PLIERS**

**MAXIMUM GRIP. FORGED STRENGTH.**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Jaw Capacity</th>
<th>Reaming Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-6510</td>
<td>10” Comfort Grip Pliers</td>
<td>2”</td>
<td>2”</td>
</tr>
<tr>
<td>48-22-6512</td>
<td>12” Comfort Grip Pliers</td>
<td>2-1/4”</td>
<td>2-3/4”</td>
</tr>
</tbody>
</table>

**LINEMAN’S PLIERS**

**MAXIMUM LEVERAGE. EASIER CUTS:**

**ANGLED HEAD PLIERS**

**BETTER ACCESS**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Jaw Capacity</th>
<th>Reaming Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-6100</td>
<td>Comfort Grip High-Leverage Lineman’s Pliers w/ Crimper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>48-22-6500</td>
<td>Comfort Grip High-Leverage Lineman’s Pliers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>48-22-6502</td>
<td>Comfort Grip High-Leverage Lineman’s Pliers w/ Thread Cleaner</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Also Available:

- 8” Comfort Grip High-Leverage Lineman’s Pliers
- 10” Comfort Grip High-Leverage Lineman’s Pliers
- 12” Comfort Grip High-Leverage Lineman’s Pliers
- 8” Comfort Grip Angled Head Diagonal Cutting Pliers
- 8” Comfort Grip High-Leverage Lineman’s Pliers w/ Crimper
- 8” Comfort Grip High-Leverage Lineman’s Pliers w/ Thread Cleaner

*When compared to other ACSR cutting lineman pliers*
COMFORT GRIP LONG NOSE PLIERS

**LONG REACH**

- Reaming Head
- Wire Cutter
- Fish Tape Puller
- Pliers

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-6101</td>
<td>8” Comfort Grip Long Nose Pliers</td>
</tr>
<tr>
<td>48-22-6201</td>
<td>8” Long Nose Pliers</td>
</tr>
</tbody>
</table>

**COMFORT GRIP PLIERS**

**UP TO 2X MORE CUTS**

- Reaming Head
- Wire Cutter
- Fish Tape Puller
- Pliers

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-6106</td>
<td>8” Comfort Grip Diagonal Cutting Pliers</td>
</tr>
<tr>
<td>48-22-6107</td>
<td>7” Comfort Grip Diagonal Cutting Pliers</td>
</tr>
<tr>
<td>48-22-6108</td>
<td>8” Comfort Grip Diagonal Cutting Pliers</td>
</tr>
<tr>
<td>48-22-6206</td>
<td>8” Diagonal Cutting Pliers</td>
</tr>
</tbody>
</table>

**MULTI-NOSSE PLIERS**

**FAST, ONE-HANDED OPERATION**

- Wire Stripper
- Loop Maker
- Bolt Cutter
- All-Metal Lock

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Wire Stripper</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-6103</td>
<td>Wire Stripper</td>
<td>10-18 AWG Solid, 12-22 AWG Stranded</td>
</tr>
<tr>
<td>48-22-6379</td>
<td>Multi-Purpose Wire Stripper w/ Crimper</td>
<td>10-22 AWG Solid, 12-22 AWG Stranded</td>
</tr>
</tbody>
</table>

**7 in 1 HIGH LEVERAGE PLIERS**

**7 in 1 EASIER CUTS**

- Reamer
- Wire Stripper
- Bolt Cutter
- Wire Cutter
- Loop Maker
- Crimper
- Comfort Grips

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Wire Stripper</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-3078</td>
<td>High-Leverage Pliers</td>
<td>8-18 AWG Solid, 12-22 AWG Stranded</td>
</tr>
</tbody>
</table>

**COMFORT GRIP 6 in 1 COMBINATION PLIERS**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Wire Stripper</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-3109</td>
<td>6” Comfort Grip Combination Pliers</td>
<td>8-18 AWG Solid, 12-22 AWG Stranded</td>
</tr>
</tbody>
</table>

**COMBINATION & MULTI-FUNCTION PLIERS**

- Reamer
- Wire Stripper
- Bolt Cutter
- High-Leverage Handles
- Comfort Grips

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Wire Stripper</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-3101</td>
<td>Multi-Purpose Wire Stripper w/ Crimper</td>
<td>10-22 AWG Solid, 12-22 AWG Stranded</td>
</tr>
</tbody>
</table>
**Application Specific Pliers**

**Ironworker’s Pliers**  
Up to 2x More Cuts  
Iron-Carbide Edge

**Cable Cutting Pliers**  
Clean Cuts

**Nipping Pliers**  
Curved Head, Protects Surfaces.

**Fencing Pliers**  
Forged Strength

**Crimping Pliers**  
Up to 2x Crimping Force

**Locking Pliers**  
With Max Bite™  
3x Gripping Force

**Torque Lock™**  
Faster Set-Up

**C-Clamps & Specialty**

---

For Twisting & Cutting Rubber Ties

Model #: 48-22-0102  
Description: Ironworker’s Pliers

Model #: 48-22-0104  
Description: Cable Cutting Pliers

Model #: 48-22-0407  
Description: 2” Nipping Pliers

Model #: 48-22-0103  
Description: Crimping Pliers

Model #: 48-22-0231  
Description: PVC / Oil Filter Pliers

Model #: 48-22-0410  
Description: Fencing Pliers

Model #: 48-22-3402  
Description: 2 Pc 7” & 10” Torque Lock

Model #: 48-22-3403  
Description: 6” Torque Lock

Model #: 48-22-3405  
Description: 10” Torque Lock

Model #: 48-22-3406  
Description: 5” Torque Lock

Model #: 48-22-3407  
Description: 7” Torque Lock

Model #: 48-22-3408  
Description: 4” Torque Lock

Model #: 48-22-3409  
Description: 3” Torque Lock

Model #: 48-22-3410  
Description: 2” Torque Lock

Model #: 48-22-3411  
Description: 1” Torque Lock

Model #: 48-22-3412  
Description: 0” Torque Lock

Model #: 48-22-3413  
Description: 0” Torque Lock

Model #: 48-22-3414  
Description: 0” Torque Lock

Model #: 48-22-3415  
Description: 0” Torque Lock

Model #: 48-22-3416  
Description: 0” Torque Lock

Model #: 48-22-3417  
Description: 0” Torque Lock

Model #: 48-22-3418  
Description: 0” Torque Lock

Model #: 48-22-3419  
Description: 0” Torque Lock

Model #: 48-22-3420  
Description: 0” Torque Lock

Model #: 48-22-3421  
Description: 0” Torque Lock

Model #: 48-22-3422  
Description: 0” Torque Lock

Model #: 48-22-3423  
Description: 0” Torque Lock

Model #: 48-22-3424  
Description: 0” Torque Lock

Model #: 48-22-3425  
Description: 0” Torque Lock

Model #: 48-22-3426  
Description: 0” Torque Lock

Model #: 48-22-3427  
Description: 0” Torque Lock

Model #: 48-22-3428  
Description: 0” Torque Lock

Model #: 48-22-3429  
Description: 0” Torque Lock

Model #: 48-22-3430  
Description: 0” Torque Lock

Model #: 48-22-3431  
Description: 0” Torque Lock

Model #: 48-22-3432  
Description: 0” Torque Lock

Model #: 48-22-3433  
Description: 0” Torque Lock

Model #: 48-22-3434  
Description: 0” Torque Lock

Model #: 48-22-3435  
Description: 0” Torque Lock

Model #: 48-22-3436  
Description: 0” Torque Lock

Model #: 48-22-3437  
Description: 0” Torque Lock

Model #: 48-22-3438  
Description: 0” Torque Lock

Model #: 48-22-3439  
Description: 0” Torque Lock

Model #: 48-22-3440  
Description: 0” Torque Lock

Model #: 48-22-3441  
Description: 0” Torque Lock

Model #: 48-22-3442  
Description: 0” Torque Lock

Model #: 48-22-3443  
Description: 0” Torque Lock

Model #: 48-22-3444  
Description: 0” Torque Lock

Model #: 48-22-3445  
Description: 0” Torque Lock

Model #: 48-22-3446  
Description: 0” Torque Lock

Model #: 48-22-3447  
Description: 0” Torque Lock

Model #: 48-22-3448  
Description: 0” Torque Lock

Model #: 48-22-3449  
Description: 0” Torque Lock

Model #: 48-22-3450  
Description: 0” Torque Lock

Model #: 48-22-3451  
Description: 0” Torque Lock

Model #: 48-22-3452  
Description: 0” Torque Lock

Model #: 48-22-3453  
Description: 0” Torque Lock

Model #: 48-22-3454  
Description: 0” Torque Lock

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Description: 0” Torque Lock

Model #: 48-22-3456  
Description: 0” Torque Lock

Model #: 48-22-3457  
Description: 0” Torque Lock

Model #: 48-22-3458  
Description: 0” Torque Lock

Model #: 48-22-3459  
Description: 0” Torque Lock

Model #: 48-22-3460  
Description: 0” Torque Lock

Model #: 48-22-3461  
Description: 0” Torque Lock

Model #: 48-22-3462  
Description: 0” Torque Lock

Model #: 48-22-3463  
Description: 0” Torque Lock

Model #: 48-22-3464  
Description: 0” Torque Lock

Model #: 48-22-3465  
Description: 0” Torque Lock

Model #: 48-22-3466  
Description: 0” Torque Lock

Model #: 48-22-3467  
Description: 0” Torque Lock

Model #: 48-22-3468  
Description: 0” Torque Lock

Model #: 48-22-3469  
Description: 0” Torque Lock

Model #: 48-22-3470  
Description: 0” Torque Lock

Model #: 48-22-3471  
Description: 0” Torque Lock

Model #: 48-22-3472  
Description: 0” Torque Lock

Model #: 48-22-3473  
Description: 0” Torque Lock

Model #: 48-22-3474  
Description: 0” Torque Lock

Model #: 48-22-3475  
Description: 0” Torque Lock

Model #: 48-22-3476  
Description: 0” Torque Lock

Model #: 48-22-3477  
Description: 0” Torque Lock

Model #: 48-22-3478  
Description: 0” Torque Lock

Model #: 48-22-3479  
Description: 0” Torque Lock

Model #: 48-22-3480  
Description: 0” Torque Lock

Model #: 48-22-3481  
Description: 0” Torque Lock
**CHEATER ALUMINUM ADAPTABLE PIPE WRENCH**

**MOST ADAPTABLE. ALL-IN-ONE.**

- **Larger Spine** For increased capacity
- **Lightweight Aluminum Body**

**OVERBITE JAW™**

- **Largest Grip Surface**

**MULTI LENGTH DESIGN**

- **18” - 24” Length** For general purpose – maximum leverage

**CHEATER STEEL ADAPTABLE PIPE WRENCH**

**3 LENGTH DESIGN**

- **MAXIMUM LEVERAGE 26”**
- **GENERAL PURPOSE 11”**
- **TIGHT SPACES 10”**

- **Hardened Jaws** Increased Durability and Grip
- **Threaded Fit & Security**

**LARGEST GRIP SURFACE**

**STEEL & ALUMINUM PIPE WRENCHES**

**OVERBITE JAW™**

- **Largest Grip Surface**
- **Dual Coil Spring Design** Increased durability and life
- **Ergonomic Handle**
- **Lanyard Hole**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Length</th>
<th>Material</th>
<th>Max Jaw Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-7100</td>
<td>6&quot; Steel Pipe Wrench</td>
<td>6&quot;</td>
<td>Steel</td>
<td>3/4&quot;</td>
</tr>
<tr>
<td>48-22-7108</td>
<td>8&quot; Steel Pipe Wrench</td>
<td>8&quot;</td>
<td>Steel</td>
<td>1&quot;</td>
</tr>
<tr>
<td>48-22-7110</td>
<td>10&quot; Steel Pipe Wrench</td>
<td>10&quot;</td>
<td>Steel</td>
<td>1-1/2&quot;</td>
</tr>
<tr>
<td>48-22-7112</td>
<td>12&quot; Steel Pipe Wrench</td>
<td>12&quot;</td>
<td>Steel</td>
<td>2&quot;</td>
</tr>
<tr>
<td>48-22-7114</td>
<td>14&quot; Steel Pipe Wrench</td>
<td>14&quot;</td>
<td>Steel</td>
<td>2&quot;</td>
</tr>
<tr>
<td>48-22-7116</td>
<td>16&quot; Steel Pipe Wrench</td>
<td>16&quot;</td>
<td>Steel</td>
<td>2-1/2&quot;</td>
</tr>
<tr>
<td>48-22-7124</td>
<td>24&quot; Steel Pipe Wrench</td>
<td>24&quot;</td>
<td>Steel</td>
<td>3&quot;</td>
</tr>
<tr>
<td>48-22-7136</td>
<td>36&quot; Steel Pipe Wrench</td>
<td>36&quot;</td>
<td>Steel</td>
<td>5&quot;</td>
</tr>
<tr>
<td>48-22-7148</td>
<td>48&quot; Steel Pipe Wrench</td>
<td>48&quot;</td>
<td>Steel</td>
<td>6&quot;</td>
</tr>
</tbody>
</table>

**STEEL OFFSET HEX PIPE WRENCH**

**SMOOTH JAW WON’T MAR SURFACES**

- **Offset Jaw** Better access
- **Secure Grip** Up to 3 points of contact
- **Smooth Jaws**

**STEEL SMOOTH JAW PIPE WRENCH**

**SMOOTH JAW PROTECTS SURFACES**

- **Parallel Grip**
- **Smooth Jaws**
- **Ergonomic Handle**
- **Lanyard Hole**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Length</th>
<th>Material</th>
<th>Max Jaw Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-7171</td>
<td>Steel Offset Hex Pipe Wrench</td>
<td></td>
<td>Steel</td>
<td>2-5/8&quot;</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Length</th>
<th>Material</th>
<th>Max Jaw Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-7111</td>
<td>CHEATER Aluminum Adaptable Pipe Wrench</td>
<td>11&quot;</td>
<td>Aluminum</td>
<td>2-1/2&quot;</td>
</tr>
</tbody>
</table>
PIPE WRENCHES

ALUMINUM OFFSET HEX PIPE WRENCHES

**BETTER ACCESS**

**OVERBITE JAW™**
Largest Grip Surface

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Material</th>
<th>Max Jaw Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-7104</td>
<td>14&quot; Aluminum Offset Pipe Wrench</td>
<td>Aluminum</td>
<td>2&quot;</td>
</tr>
<tr>
<td>48-22-7105</td>
<td>18&quot; Aluminum Offset Pipe Wrench</td>
<td>Aluminum</td>
<td>2&quot;</td>
</tr>
<tr>
<td>48-22-7106</td>
<td>24&quot; Aluminum Offset Pipe Wrench</td>
<td>Aluminum</td>
<td>3&quot;</td>
</tr>
</tbody>
</table>

**10L ALUMINUM PIPE WRENCH w/ POWERLENGTH™ HANDLE**

**BETTER ACCESS. MAXIMUM LEVERAGE.**

**OVERBITE JAW™**
Largest Grip Surface

**POWERLENGTH™**
High Leverage Handle

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Material</th>
<th>Max Jaw Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-7313</td>
<td>10L Aluminum Pipe Wrench w/ POWERLENGTH™ Handle</td>
<td>Aluminum</td>
<td>1-1/2&quot;</td>
</tr>
</tbody>
</table>

ADJUSTABLE & BASIN WRENCHES

**ADJUSTABLE WRENCHES**

**JAWS WON’T BACK OFF**
Proprietary Screw

Model # | Description                            | Chrome Plated | Rust Protection | Ergonomic Handle |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-7400</td>
<td>2 Pcs 6” &amp; 10” Adjustable Wrench Set</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>48-22-7401</td>
<td>8” Adjustable Wrench</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>48-22-7402</td>
<td>8” Adjustable Wrench</td>
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<td></td>
</tr>
<tr>
<td>48-22-7410</td>
<td>10” Adjustable Wrench</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>48-22-7412</td>
<td>12” Adjustable Wrench</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>48-22-7415</td>
<td>15” Adjustable Wrench</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>48-22-7406</td>
<td>6” Adjustable Wrench</td>
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<td></td>
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<tr>
<td>48-22-7408</td>
<td>8” Adjustable Wrench</td>
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<td>48-22-7415</td>
<td>15” Adjustable Wrench</td>
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<tr>
<td>48-22-7508</td>
<td>8” Wide Jaw Adjustable Wrench</td>
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</tr>
</tbody>
</table>

**BASIN WRENCHES**

**EASIEST SWAP-OUTS**

Model # | Description |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-7011</td>
<td>5-1/4” Basin Wrench</td>
</tr>
<tr>
<td>48-22-7032</td>
<td>2-1/2” Basin Wrench</td>
</tr>
</tbody>
</table>

- Smoother Length Adjustment
- 10" – 17" Telescoping Shank
- Comfortable Handle
- Ratchet-Ready
- Screwdriver-Ready
- 12" Jaw Length
- 24" Overbore Length
- 2X Breakaway Torque
- Screwdriver-Ready
- Up to 2X Breakaway Torque
- Telescoping Shank
- Comfortable Handle

**Jaw Capacity 1-1/2”**

**Lanyard Hole**
VERSATILE DESIGN. BETTER ACCESS.

**SAE**

Model # | Description | Sizes | Size Spec.
--- | --- | --- | ---
48-22-0000 | 12 Pc. 3/8" SAE Compact Ratchet & Socket Set w/ FOUR FLAT™ Sides | 3/8" | SAE
48-22-0001 | 12 Pc. 3/8" Metric Compact Ratchet & Socket Set w/ FOUR FLAT™ Sides | 3/8" | METRIC

**METRIC**

Model # | Description | Sizes | Size Spec.
--- | --- | --- | ---
48-22-0004 | 12 Pc. 3/8" Drive Metric & SAE Ratchet & Sock Set w/ FOUR FLAT™ Sides | 3/8" | SAE
48-22-0005 | 12 Pc. 3/8" Drive Metric & SAE Ratchet & Sock Set w/ FOUR FLAT™ Sides | 3/8" | METRIC
48-22-0010 | 14 Pc. 1/4" Drive Metric & SAE Ratchet & Socked Set w/ FOUR FLAT™ Sides | 1/4" | SAE
48-22-0011 | 14 Pc. 1/4" Drive Metric & SAE Ratchet & Socked Set w/ FOUR FLAT™ Sides | 1/4" | METRIC
48-22-0401 | 32 Pc. 3/8" Drive Metric & SAE Ratchet & Sock Set w/ FOUR FLAT™ Sides | 3/8" | SAE
48-22-0402 | 32 Pc. 3/8" Drive Metric & SAE Ratchet & Sock Set w/ FOUR FLAT™ Sides | 3/8" | METRIC
48-22-0403 | 28 Pc. 3/8" Drive Metric & SAE Ratchet & Sock Set w/ FOUR FLAT™ Sides | 3/8" | SAE
48-22-0404 | 28 Pc. 3/8" Drive Metric & SAE Ratchet & Sock Set w/ FOUR FLAT™ Sides | 3/8" | METRIC

**COMBINATION WRENCHES**

Model # | Description | Included Sizes | Size Spec.
--- | --- | --- | ---
40-22-0006 | 7 Pc. Metric Ratcheting Combination Wrench Set 8mm, 9mm, 10mm, 11mm, 13mm, 14mm, 15mm | SAE
40-22-0010 | 15 Pc Metric Ratcheting Combination Wrench Set 8mm, 10mm, 12mm, 13mm, 14mm, 15mm, 17mm | SAE

**MAX BITE**

Anti-Slip Open End

**Ratchet & Socket Sets w/ PACKOUT® Storage**

Model # | Description | Included Sizes | Size Spec.
--- | --- | --- | ---
48-22-9001 | 12 Pc. 3/8" SAE Contractor Ratchet & Socket Set w/ FOUR FLAT™ Sides | SAE
48-22-9002 | 12 Pc. 3/8" Metric Contractor Ratchet & Socket Set w/ FOUR FLAT™ Sides | METRIC
48-22-9004 | 28 Pc. 3/8" Drive Metric Ratchet & Socket Set w/ PACKOUT® Low Profile Compact Organize | SAE
48-22-9005 | 28 Pc. 3/8" Drive Metric Ratchet & Socket Set w/ PACKOUT® Low Profile Compact Organize | METRIC
48-22-9008 | 26 Pc. 1/4" Drive SAE Ratchet & Socket Set w/ FOUR FLAT™ Sides | SAE
48-22-9009 | 26 Pc. 1/4" Drive Metric Ratchet & Socket Set w/ FOUR FLAT™ Sides | METRIC

**PACKOUT® Storage**

Easy identification

**Ratchet & Socket Sets w/ FOUR FLAT™ Sides**

Model # | Description | Included Sizes | Size Spec.
--- | --- | --- | ---
48-22-9408 | 28 Pc. 1/4" Drive Metric Ratchet & Socket Set w/ FOUR FLAT™ Sides | SAE
48-22-9410 | 32 Pc. 3/8" Drive Metric Ratchet & Socket Set w/ FOUR FLAT™ Sides | METRIC
48-22-9417 | 7 Pc. Metric Ratcheting Combination Wrench Set 8mm, 10mm, 12mm, 13mm, 14mm, 15mm, 17mm | METRIC
48-22-9419 | 13/16" SAE  Ratcheting Combination Wrench | METRIC
48-22-9420 | 11/16" SAE  Ratcheting Combination Wrench | SAE
48-22-9421 | 9/16" SAE Ratcheting Combination Wrench | METRIC
48-22-9422 | 7/16" SAE Ratcheting Combination Wrench | SAE
48-22-9423 | 5/8" SAE Ratcheting Combination Wrench | METRIC
48-22-9424 | 3/4" SAE Ratcheting Combination Wrench | SAE
48-22-9425 | 11/16" SAE Ratcheting Combination Wrench | METRIC
48-22-9426 | 13/16" SAE Ratcheting Combination Wrench | SAE
48-22-9427 | 15/16" SAE Ratcheting Combination Wrench | METRIC
48-22-9428 | 5/8" SAE Ratcheting Combination Wrench | SAE
48-22-9429 | 3/8" SAE Ratcheting Combination Wrench | METRIC
48-22-9430 | 11/32" SAE Ratcheting Combination Wrench | SAE
48-22-9431 | 9/32" SAE Ratcheting Combination Wrench | METRIC
48-22-9432 | 1/4" SAE Ratcheting Combination Wrench | SAE
48-22-9433 | 1/8" SAE Ratcheting Combination Wrench | METRIC

**METRIC RATCHETING COMBINATION WRENCHES**

Model # | Description | Included Sizes | Size Spec.
--- | --- | --- | ---
45-06-0006 | 6mm Metric Ratcheting Combination Wrench | SAE
45-06-0009 | 6mm Metric Ratcheting Combination Wrench | METRIC
45-06-0010 | 7mm Metric Ratcheting Combination Wrench | SAE
45-06-0011 | 7mm Metric Ratcheting Combination Wrench | METRIC
45-06-0012 | 8mm Metric Ratcheting Combination Wrench | SAE
45-06-0013 | 8mm Metric Ratcheting Combination Wrench | METRIC
45-06-0014 | 9mm Metric Ratcheting Combination Wrench | SAE
45-06-0015 | 9mm Metric Ratcheting Combination Wrench | METRIC
45-06-0016 | 10mm Metric Ratcheting Combination Wrench | SAE
45-06-0017 | 10mm Metric Ratcheting Combination Wrench | METRIC
45-06-0018 | 11mm Metric Ratcheting Combination Wrench | SAE
45-06-0019 | 11mm Metric Ratcheting Combination Wrench | METRIC
45-06-0020 | 12mm Metric Ratcheting Combination Wrench | SAE
45-06-0021 | 12mm Metric Ratcheting Combination Wrench | METRIC
45-06-0022 | 13mm Metric Ratcheting Combination Wrench | SAE
45-06-0023 | 13mm Metric Ratcheting Combination Wrench | METRIC
45-06-0024 | 14mm Metric Ratcheting Combination Wrench | SAE
45-06-0025 | 14mm Metric Ratcheting Combination Wrench | METRIC
45-06-0026 | 15mm Metric Ratcheting Combination Wrench | SAE
45-06-0027 | 15mm Metric Ratcheting Combination Wrench | METRIC
45-06-0028 | 16mm Metric Ratcheting Combination Wrench | SAE
45-06-0029 | 16mm Metric Ratcheting Combination Wrench | METRIC
45-06-0030 | 17mm Metric Ratcheting Combination Wrench | SAE
45-06-0031 | 17mm Metric Ratcheting Combination Wrench | METRIC
45-06-0032 | 20mm Metric Ratcheting Combination Wrench | SAE
45-06-0033 | 20mm Metric Ratcheting Combination Wrench | METRIC
45-06-0034 | 21mm Metric Ratcheting Combination Wrench | SAE
45-06-0035 | 21mm Metric Ratcheting Combination Wrench | METRIC
45-06-0036 | 22mm Metric Ratcheting Combination Wrench | SAE
45-06-0037 | 22mm Metric Ratcheting Combination Wrench | METRIC

**Guarantee**

LIFETIME GUARANTEE

*When compared to single-pawl ratchet designs †Includes sizes 3/8"-1" and 10mm-22mm. Sizes 1/4"-11/32" and 8mm-9mm offer 120 unique ratcheting positions and 3° of arc swing.

When compared to single-pawl ratchet designs †Includes sizes 3/8"-1" and 10mm-22mm. Sizes 1/4"-11/32" and 8mm-9mm offer 120 unique ratcheting positions and 3° of arc swing.
# METRIC COMBINATION WRENCHES

**25% MORE TORQUE**

## Innovative Storage Solution

**METRIC COMBINATION WRENCHES**

<table>
<thead>
<tr>
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<th>Description</th>
<th>Included Sizes</th>
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</table>

## Rounding Fastener Decreased

MAX BITE™ Anti-Slip Open End

15° Offset

Ink-Filled Sizes Easy identification

Comfortable I-Beam Handle

12 Pt Box End

## SAE COMBINATION WRENCHES

<table>
<thead>
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<td>45-96-9430</td>
<td>9/16&quot; SAE Combination Wrench</td>
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<td>45-96-9428</td>
<td>7/8&quot; SAE Combination Wrench</td>
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<td>13/16&quot; SAE Combination Wrench</td>
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<td>45-96-9424</td>
<td>1/2&quot; SAE Combination Wrench</td>
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<td>45-96-9422</td>
<td>3/4&quot; SAE Combination Wrench</td>
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<td>45-96-9420</td>
<td>11/16&quot; SAE Combination Wrench</td>
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<td>5/32&quot; SAE Combination Wrench</td>
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<td>45-96-9412</td>
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<td>45-96-9411</td>
<td>1/8&quot; SAE Combination Wrench</td>
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## METRIC COMBINATION WRENCHES

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<td>15 Pc Metric Flex Head Ratcheting Combination Wrench Set</td>
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<td>13 Pc Metric Flex Head Ratcheting Combination Wrench Set</td>
<td>8mm Metric Flex Head Ratcheting Combination Wrench</td>
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## Flex Head Ratcheting Combination Wrenches

**MAX BITE™ Anti-Slip Open End**

22mm Metric Flex Head Ratcheting Combination Wrench

21mm Metric Flex Head Ratcheting Combination Wrench

20mm Metric Flex Head Ratcheting Combination Wrench

19mm Metric Flex Head Ratcheting Combination Wrench

18mm Metric Flex Head Ratcheting Combination Wrench

17mm Metric Flex Head Ratcheting Combination Wrench

16mm Metric Flex Head Ratcheting Combination Wrench

15mm Metric Flex Head Ratcheting Combination Wrench

14mm Metric Flex Head Ratcheting Combination Wrench

13mm Metric Flex Head Ratcheting Combination Wrench

12mm Metric Flex Head Ratcheting Combination Wrench

11mm Metric Flex Head Ratcheting Combination Wrench

10mm Metric Flex Head Ratcheting Combination Wrench

9mm Metric Flex Head Ratcheting Combination Wrench

8mm Metric Flex Head Ratcheting Combination Wrench

## METRIC FLEX HEAD RATCHETING COMBINATION WRENCHES

### SAE FLEX HEAD RATCHETING COMBINATION WRENCHES

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<td>15 Pc SAE Flex Head Ratcheting Combination Wrench Set</td>
<td>1/2&quot; SAE Flex Head Ratcheting Combination Wrench</td>
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<td>45-96-9820</td>
<td>15 Pc SAE Flex Head Ratcheting Combination Wrench Set</td>
<td>3/8&quot; SAE Flex Head Ratcheting Combination Wrench</td>
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### METRIC FLEX HEAD RATCHETING COMBINATION WRENCHES

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<td>15 Pc Metric Flex Head Ratcheting Combination Wrench Set</td>
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<td>10mm Metric Flex Head Ratcheting Combination Wrench</td>
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<td>45-96-9620</td>
<td>15 Pc Metric Flex Head Ratcheting Combination Wrench Set</td>
<td>8mm Metric Flex Head Ratcheting Combination Wrench</td>
</tr>
</tbody>
</table>

## Chrome Plated Rust Protection

**GUARANTEE**

LIFETIME LONGEST LIFE.

†Includes sizes 3/8”-1” and 10mm-22mm. Sizes 1/4”-11/32” and 8mm-9mm offer 120 unique ratcheting positions and 3° of arc swing.

## Adjustible Set Screw

144 Ratcheting Positions

**GUARANTEE**

LIFETIME LONGEST LIFE.

†Includes sizes 3/8”-1” and 10mm-22mm. Sizes 1/4”-11/32” and 8mm-9mm offer 120 unique ratcheting positions and 3° of arc swing.
SAE SOCKETS

Model # | Description
--- | ---
45-34-9001 | 1/4" Drive 3/16" SAE Socket
45-34-9002 | 1/4" Drive 5/32" SAE Socket
45-34-9003 | 1/4" Drive 7/64" SAE Socket
45-34-9004 | 1/4" Drive 9/64" SAE Socket
45-34-9005 | 1/4" Drive 11/64" SAE Socket
45-34-9006 | 1/4" Drive 13/64" SAE Socket
45-34-9007 | 1/4" Drive 15/64" SAE Socket
45-34-9008 | 1/4" Drive 17/64" SAE Socket
45-34-9009 | 1/4" Drive 19/64" SAE Socket
45-34-9010 | 1/4" Drive 21/64" SAE Socket
45-34-9011 | 1/4" Drive 23/64" SAE Socket
45-34-9012 | 1/4" Drive 25/64" SAE Socket
45-34-9013 | 1/4" Drive 27/64" SAE Socket
45-34-9014 | 1/4" Drive 29/64" SAE Socket
45-34-9015 | 1/4" Drive 31/64" SAE Socket
45-34-9016 | 1/4" Drive 33/64" SAE Socket
45-34-9017 | 1/4" Drive 35/64" SAE Socket
45-34-9018 | 1/4" Drive 37/64" SAE Socket
45-34-9019 | 1/4" Drive 39/64" SAE Socket
45-34-9020 | 1/4" Drive 41/64" SAE Socket
45-34-9021 | 1/4" Drive 43/64" SAE Socket
45-34-9022 | 1/4" Drive 45/64" SAE Socket
45-34-9023 | 1/4" Drive 47/64" SAE Socket
45-34-9024 | 1/4" Drive 49/64" SAE Socket

METRIC SOCKETS

Model # | Description
--- | ---
45-34-9025 | 3/8" Drive 6mm Metric Socket
45-34-9026 | 3/8" Drive 7mm Metric Socket
45-34-9027 | 3/8" Drive 8mm Metric Socket
45-34-9028 | 3/8" Drive 9mm Metric Socket
45-34-9029 | 3/8" Drive 10mm Metric Socket
45-34-9030 | 1/2" Drive 12mm Metric Socket
45-34-9031 | 1/2" Drive 13mm Metric Socket
45-34-9032 | 1/2" Drive 14mm Metric Socket
45-34-9033 | 1/2" Drive 15mm Metric Socket
45-34-9034 | 1/2" Drive 16mm Metric Socket
45-34-9035 | 1/2" Drive 17mm Metric Socket
45-34-9036 | 1/2" Drive 18mm Metric Socket
45-34-9037 | 1/2" Drive 19mm Metric Socket
45-34-9038 | 1/2" Drive 20mm Metric Socket
45-34-9039 | 1/2" Drive 21mm Metric Socket
45-34-9040 | 1/2" Drive 22mm Metric Socket
45-34-9041 | 1/2" Drive 23mm Metric Socket
45-34-9042 | 1/2" Drive 24mm Metric Socket
45-34-9043 | 1/2" Drive 25mm Metric Socket

SAE SOCKETS

Model # | Description
--- | ---
45-34-9001 | 1/4" Drive 3/16" SAE Deep Socket
45-34-9002 | 1/4" Drive 5/32" SAE Deep Socket
45-34-9003 | 1/4" Drive 7/64" SAE Deep Socket
45-34-9004 | 1/4" Drive 9/64" SAE Deep Socket
45-34-9005 | 1/4" Drive 11/64" SAE Deep Socket
45-34-9006 | 1/4" Drive 13/64" SAE Deep Socket
45-34-9007 | 1/4" Drive 15/64" SAE Deep Socket
45-34-9008 | 1/4" Drive 17/64" SAE Deep Socket
45-34-9009 | 1/4" Drive 19/64" SAE Deep Socket
45-34-9010 | 1/4" Drive 21/64" SAE Deep Socket
45-34-9011 | 1/4" Drive 23/64" SAE Deep Socket
45-34-9012 | 1/4" Drive 25/64" SAE Deep Socket
45-34-9013 | 1/4" Drive 27/64" SAE Deep Socket
45-34-9014 | 1/4" Drive 29/64" SAE Deep Socket
45-34-9015 | 1/4" Drive 31/64" SAE Deep Socket
45-34-9016 | 1/4" Drive 33/64" SAE Deep Socket
45-34-9017 | 1/4" Drive 35/64" SAE Deep Socket
45-34-9018 | 1/4" Drive 37/64" SAE Deep Socket
45-34-9019 | 1/4" Drive 39/64" SAE Deep Socket
45-34-9020 | 1/4" Drive 41/64" SAE Deep Socket
45-34-9021 | 1/4" Drive 43/64" SAE Deep Socket
45-34-9022 | 1/4" Drive 45/64" SAE Deep Socket
45-34-9023 | 1/4" Drive 47/64" SAE Deep Socket
45-34-9024 | 1/4" Drive 49/64" SAE Deep Socket
45-34-9025 | 1/4" Drive 51/64" SAE Deep Socket
45-34-9026 | 1/4" Drive 53/64" SAE Deep Socket
45-34-9027 | 1/4" Drive 55/64" SAE Deep Socket
45-34-9028 | 1/4" Drive 57/64" SAE DeepSocket
45-34-9029 | 1/4" Drive 59/64" SAE DeepSocket
45-34-9030 | 1/4" Drive 61/64" SAE DeepSocket
45-34-9031 | 1/4" Drive 63/64" SAE DeepSocket
45-34-9032 | 1/4" Drive 65/64" SAE DeepSocket
45-34-9033 | 1/4" Drive 67/64" SAE DeepSocket
45-34-9034 | 1/4" Drive 69/64" SAE DeepSocket
45-34-9035 | 1/4" Drive 71/64" SAE DeepSocket
45-34-9036 | 1/4" Drive 73/64" SAE DeepSocket
45-34-9037 | 1/4" Drive 75/64" SAE DeepSocket
45-34-9038 | 1/4" Drive 77/64" SAE DeepSocket
45-34-9039 | 1/4" Drive 79/64" SAE DeepSocket
45-34-9040 | 1/4" Drive 81/64" SAE DeepSocket
45-34-9041 | 1/4" Drive 83/64" SAE DeepSocket
45-34-9042 | 1/4" Drive 85/64" SAE DeepSocket
45-34-9043 | 1/4" Drive 87/64" SAE DeepSocket
45-34-9044 | 1/4" Drive 89/64" SAE DeepSocket
45-34-9045 | 1/4" Drive 91/64" SAE DeepSocket
45-34-9046 | 1/4" Drive 93/64" SAE DeepSocket
45-34-9047 | 1/4" Drive 95/64" SAE DeepSocket
45-34-9048 | 1/4" Drive 97/64" SAE DeepSocket
45-34-9049 | 1/4" Drive 1" SAE DeepSocket
45-34-9050 | 1/4" Drive 1 1/16" SAE DeepSocket
## Socket Sets w/ Four Flat™ Sides

**Most Versatile Sockets. Anti-Roll, Wrench-Ready.**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Price</th>
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<tbody>
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<td>43-24-9104</td>
<td>1/2&quot; Drive 5&quot; Extension</td>
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</tbody>
</table>

*Includes Storage Rail*

## Socket Accessories

- **Four Flat™ Sides**
- **Forged Strength**
- **Chrome Plated Durability**
- **Stamped Sizes**

## Breaker Bars

**Better Leverage™**

<table>
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<tr>
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<td>48-22-2761</td>
<td>11&quot; 1 Multi-Bit Driver w/ TORX®</td>
<td>$</td>
</tr>
</tbody>
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*11 in 1 Multi-Bit Drivers 11 in 1*

## Hook and Pick Set

**Up to 50% More Durable**

**All-Metal Core**

- **Knurling**
- **Increased Tool Control**
- **Comfort Grip Handle**

## Pry Bar Set

**Up to 40% More Prying Strength**

**I-beam Design**

- **Chrome Plated Rust Protection**
- **Comfortable Tri-Lobe Handles**
- **Hammer-Ready Strike Cap**

## Hook and Pick Set

- **Easy Access Storage Tray**

## Pry Bar Set

- **Easy Access Storage Tray**

*Includes Straight Pick, Offset Pick, Hook, 90° Pick, and Storage Tray*

## Hook and Pick Set

<table>
<thead>
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*Includes Storage Rail*

## Hook and Pick Set

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*Includes Straight Pick, Offset Pick, Hook, 90° Pick, and Storage Tray*

## Pry Bar Set

- **Easy Access Storage Tray**

## Hook and Pick Set

<table>
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<tr>
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<td>48-22-2761</td>
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*Includes Storage Rail*

## Pry Bar Set

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*Includes Storage Tray*

## Hook and Pick Set

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*Includes Storage Tray*

## Pry Bar Set

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*Includes Storage Tray*
MULTI-BIT DRIVERS

9in1 MULTI-BIT DRIVERS

BETTER ACCESS. MORE VERSATILE.

Model # Description Nut Drivers Bit Types
48-22-2131 9 in 1 Multi-Bit Driver w/ ECX™ 1/4" P#1, P#2, SL 3/16", SL 1/4", SQ#2, ECX™#1, ECX™#2
48-22-2331 9 in 1 Ratchet Multi-Bit Driver w/ ECX™ 1/4" P#1, P#2, SL 3/16", SL 1/4", SQ#2, ECX™#1, ECX™#2
48-22-2322 9 in 1 Ratchet Multi-Bit Driver w/ Square 1/4" P#1, P#2, SL 3/16", SL 1/4", SQ#1, SQ#2, SQ#3
48-22-2133 9 in 1 TORX® Key Driver 1/4" T#8, T#10, T#15
48-22-2134 9 in 1 SAE Hex Key Driver 1/4" 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"
48-22-2136 9 in 1 Metric Hex Key Driver 1/4" 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm
48-22-2110 4 Pc Replacement Bit Set P#1, P#2, SL 3/16", SL 1/4", SQ#1, SQ#2, ECX™#1

8in1 COMPACT MULTI-BIT DRIVERS

BETTER ACCESS. MORE VERSATILE.

Model # Description Nut Drivers Bit Types
48-22-2130 Compact 8 in 1 Multi-Bit Driver 1/4" P#1, P#2, SL 3/16", SL 1/4", SQ#1, SQ#2, T#15
48-22-2330 Compact 8 in 1 Ratchet Multi-Bit Driver 1/4" P#1, P#2, SL 3/16", SL 1/4", SQ#2, T#15

NAIL PULLERS, PRY BARS, DRILLING HAMMER

MAXIMUM LEVERAGE. MOST DURABLE GRIP.

Model # Description Model # Description
48-22-9030 9" Finish Nail Puller 48-22-9033 10" Molding Puller
48-22-9031 10" Nail Puller 48-22-9032 12" Nail Puller

NAIL PULLERS

SHOCKSHEILD™ Grip Vibration reduction

Model # Description Model # Description
48-22-9034 12" Pry Bar 48-22-9035 15" Pry Bar

PRY BARS

ULTIMATE VIBRATION REDUCTION

Model # Description
48-22-9010 3 lbs Fiberglass Drilling Hammer

DRILLING HAMMER

Dual Face Versatility Smooth and Milled Face

Model # Description
48-22-9010 3 lbs Fiberglass Drilling Hammer

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

**HIGH-LEVERAGE HANDLE. MAGNETIC TIP.**

- **MOST DURABLE HANDLE.**
- **PRECISION TIP.**
- **13in1 CUSHION-GRIP SCREWDRIVERS**
- **UP TO 4X STRONGER**

---

**CUSHION-GRIP SCREWDRIVERS**

**MOST DURABLE HANDLE.**

- **PRECISION TIP.**
- **13in1 CUSHION-GRIP SCREWDRIVERS**
- **UP TO 4X STRONGER**

---

**1000V INSULATED SCREWDRIVERS**

- **All-Metal Core**
- **Hammer-Ready Strike Cap**
- **Multiple Strike Surfaces**
- **Slim Drive Shaft**
- **Albes access in recessed applications**

---

**DEMO DRIVERS**

- **All-Metal Core**
- **Hammer-Ready Strike Cap**
- **Multiple Strike Surfaces**
- **Safe access in recessed applications**

---

**PRECISION SCREWDRIVERS**

- **Extended Reach**
- **360° Rotating & Impact Resistant Back Cap**
- **All-Metal Core**

---

**Schrader® Valve Core Remover**

---

**Schrader® is a registered trademark of Scrader-Bridgeport International, Inc.**

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

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**Schrader® is a registered trademark of Scrader-Bridgeport International, Inc.**

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

---

**milwaukeetool.com**
# NUT DRIVERS

## 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>48-22-2501</td>
<td>2 Pc Hollow Core Magnetic Nut Driver Set</td>
<td>1/4&quot;, 5/16&quot;</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>48-22-2901</td>
<td>1/4&quot; Hollow Shaft Nut Driver</td>
<td>1/4&quot;</td>
</tr>
<tr>
<td>48-22-2901</td>
<td>1/4&quot; Hollow Shaft Nut Driver</td>
<td>3/32&quot;, 7/64&quot;, 1/8&quot;, 9/64&quot;</td>
</tr>
</tbody>
</table>

## FRAME HAMMERS & FIXED BLADE KNIVES

### HAMMERS & FIXED BLADE KNIVES

**Framing Hammers**

**Up to 10x Vibration Reduction**

**SchockShield™ Grip**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-2910</td>
<td>19oz Smooth Face Hammer</td>
<td>Magnetic Nail Set</td>
</tr>
<tr>
<td>48-22-2911</td>
<td>19oz Carved Edge Hammer</td>
<td>Magnetic Nail Set</td>
</tr>
</tbody>
</table>

### HICKORY HAMMERS

**Best Driving Performance**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-2916</td>
<td>19oz Hickory Hammer – Smooth Face</td>
<td>Magnetic Nail Set</td>
</tr>
<tr>
<td>48-22-2917</td>
<td>19oz Hickory Hammer – Milled Face</td>
<td>Magnetic Nail Set</td>
</tr>
</tbody>
</table>

### POLY FIBERGLASS HAMMER

**Most Durable FiberGlass Handle**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-2918</td>
<td>17oz Milled Face Hammer</td>
<td>Magnetic Nail Set</td>
</tr>
<tr>
<td>48-22-2917</td>
<td>17oz Smooth Face Hammer</td>
<td>Magnetic Nail Set</td>
</tr>
</tbody>
</table>

### FIXED BLADE KNIVES

**Stays Sharper Longer**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-2919</td>
<td>4&quot; tradesman Fixed Blade Knife</td>
<td>Tether Ready Lanyard Hole</td>
</tr>
<tr>
<td>48-22-2920</td>
<td>4&quot; Tradesman Fixed Blade Knife</td>
<td>Tether Ready Lanyard Hole</td>
</tr>
</tbody>
</table>
### LINEMAN’S HAWKBILL KNIVES

**STAYS SHARPER LONGER**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1923</td>
<td>Lineman’s Hawkbill Knife w/ STICKWORK™ 3&quot; Ring</td>
</tr>
<tr>
<td>48-22-1924</td>
<td>Lineman’s Blunt Tip Hawkbill Knife w/ STICKWORK™ 3&quot; Ring</td>
</tr>
<tr>
<td>48-22-1925</td>
<td>Hawkbill Fixed Blade Knife</td>
</tr>
</tbody>
</table>

- Oversized Ergonomic Handle
- Stainless Steel Hawkbill Blade
- Shotgun Hot Stick Compatible
- Universal Hot Stick Compatible
- Hang Ring

**Also Available:**

- Shotgun Hot Stick Compatible
- Universal Hot Stick Compatible
- Hang Ring

### LINEMAN’S UNDERGROUND KNIFE

**STAYS SHARPER LONGER**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1928</td>
<td>Lineman’s Underground Knife</td>
</tr>
</tbody>
</table>

- Blade Cover Storage
- Stainless Steel Blade
- Tether Ready Lanyard Hole

### HARDLINE™

**HARDLINE™ FIXED BLADE KNIVES**

**ULTIMATE DURABILITY**

**AUS-8 STEEL**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1928</td>
<td>5&quot; HARDLINE™ Fixed Blade Knife</td>
</tr>
<tr>
<td>48-22-1928B</td>
<td>5&quot; HARDLINE™ Fixed Blade Knife</td>
</tr>
</tbody>
</table>

- 5" Blade, 10.3" Overall Length
- Full Tang
- Glass Filled Nylon w/ Overmold Grip
- Tether Ready Lanyard Hole
- Drop Point Smooth Blade

**ASTRA-8 STEEL**

**STAYS SHARPER LONGER**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1954</td>
<td>HARDLINE™ 3&quot; Drop Point Smooth Blade Pocket Knife</td>
</tr>
<tr>
<td>48-22-1957</td>
<td>HARDLINE™ 3&quot; 2-1/2&quot; Drop Point Smooth Blade Pocket Knife</td>
</tr>
<tr>
<td>48-22-1989</td>
<td>HARDLINE™ 3&quot; 3-1/2&quot; Drop Point Smooth Blade Pocket Knife</td>
</tr>
</tbody>
</table>

- Flippers w/ Bearing System
- Steel Frame Lock
- Reversible Tip Up Belt Clip
- Tether Ready Lanyard Hole

**Also Available:**

- FASTBACK™ Camo Folding Knife 48-22-1524
- FASTBACK™ Folding Knife 48-22-1520
- FASTBACK™ Folding Knife 48-22-1525

### FASTBACK™

**FASTBACK™ 6-in-1 UTILITY KNIFE**

**PRESS AND FLIP**

- Quick Change Tool-free blade change
- Metal Extension to Prevent Accidental Blade Removal
- Reversible Phillips and Slotted 1/4" Bit Holder
- Blade Holder Designed for Scoring
- Durable Wire Belt Clip Reduces pocket tearing

**Blade Storage**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1505</td>
<td>FASTBACK™ 6&quot; Folding Utility Knife</td>
</tr>
</tbody>
</table>

- Screwdriver and Folding 1/4" Bit Holder
- Wire Stripper
- Bottle Opener

**FASTBACK™ 5-in-1 FOLDING KNIFE**

**PRESS AND FLIP**

- Stainless Steel Tanto Blade Stays Sharp
- Durable Wire Belt Clip Reduces pocket tearing
- Screwdriver and Folded 1/4" Bit Holder
- Thumb Hole
- Press and Flip

**Also Available:**

- FASTBACK™ Hardshell Folding Flip Knife
- FASTBACK™ Camo Folding Knife

**FASTBACK™ FOLDING KNIVES**

**PRESS AND FLIP**

- Stainless Steel Blade Stays sharp
- Durable Wire Belt Clip Reduces pocket tearing
- Bottle Opener
- Tether Ready Lanyard Hole

**Also Available:**

- FASTBACK™ Folding Knife 48-22-1520
- FASTBACK™ Folding Knife 48-22-1524
- FASTBACK™ Folding Knife 48-22-1525

- Drop Point Blade
- Thumb Hole
- Press and Flip
- Tether Ready Lanyard Hole
- Tether Ready Lanyard Hole

- Bottle Opener
- Durable Wire Belt Clip Reduces pocket tearing

**FASTBACK™ POCKET KNIVES**

**PRESS AND FLIP**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1504</td>
<td>FASTBACK™ 5&quot; Folding Knife</td>
</tr>
</tbody>
</table>

- Screwdriver and Folded 1/4" Bit Holder
- Partially Serrated Liner Lock Secures blades

**Also Available:**

- FASTBACK™ Folding Knife 48-22-1524
- FASTBACK™ Folding Knife 48-22-1525
- FASTBACK™ Folding Knife 48-22-1520

- Drop Point Blade
- Thumb Hole
- Press and Flip
- Tether Ready Lanyard Hole
- Tether Ready Lanyard Hole

- Bottle Opener
- Durable Wire Belt Clip Reduces pocket tearing

**FASTBACK™ POCKET KNIVES**

**PRESS AND FLIP**

<table>
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<tbody>
<tr>
<td>48-22-1504</td>
<td>FASTBACK™ 5&quot; Folding Knife</td>
</tr>
</tbody>
</table>

- Screwdriver and Folded 1/4" Bit Holder
- Partially Serrated Liner Lock Secures blades

**Also Available:**

- FASTBACK™ Folding Knife 48-22-1524
- FASTBACK™ Folding Knife 48-22-1525
- FASTBACK™ Folding Knife 48-22-1520

- Drop Point Blade
- Thumb Hole
- Press and Flip
- Tether Ready Lanyard Hole
- Tether Ready Lanyard Hole

- Bottle Opener
- Durable Wire Belt Clip Reduces pocket tearing

**FASTBACK™ POCKET KNIVES**

**PRESS AND FLIP**

<table>
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<tbody>
<tr>
<td>48-22-1504</td>
<td>FASTBACK™ 5&quot; Folding Knife</td>
</tr>
</tbody>
</table>

- Screwdriver and Folded 1/4" Bit Holder
- Partially Serrated Liner Lock Secures blades

**Also Available:**

- FASTBACK™ Folding Knife 48-22-1524
- FASTBACK™ Folding Knife 48-22-1525
- FASTBACK™ Folding Knife 48-22-1520

- Drop Point Blade
- Thumb Hole
- Press and Flip
- Tether Ready Lanyard Hole
- Tether Ready Lanyard Hole

- Bottle Opener
- Durable Wire Belt Clip Reduces pocket tearing

**FASTBACK™ POCKET KNIVES**

**PRESS AND FLIP**

<table>
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<tbody>
<tr>
<td>48-22-1504</td>
<td>FASTBACK™ 5&quot; Folding Knife</td>
</tr>
</tbody>
</table>

- Screwdriver and Folded 1/4" Bit Holder
- Partially Serrated Liner Lock Secures blades

**Also Available:**

- FASTBACK™ Folding Knife 48-22-1524
- FASTBACK™ Folding Knife 48-22-1525
- FASTBACK™ Folding Knife 48-22-1520

- Drop Point Blade
- Thumb Hole
- Press and Flip
- Tether Ready Lanyard Hole
- Tether Ready Lanyard Hole

- Bottle Opener
- Durable Wire Belt Clip Reduces pocket tearing

**FASTBACK™ POCKET KNIVES**

**PRESS AND FLIP**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1504</td>
<td>FASTBACK™ 5&quot; Folding Knife</td>
</tr>
</tbody>
</table>

- Screwdriver and Folded 1/4" Bit Holder
- Partially Serrated Liner Lock Secures blades

**Also Available:**

- FASTBACK™ Folding Knife 48-22-1524
- FASTBACK™ Folding Knife 48-22-1525
- FASTBACK™ Folding Knife 48-22-1520

- Drop Point Blade
- Thumb Hole
- Press and Flip
- Tether Ready Lanyard Hole
- Tether Ready Lanyard Hole

- Bottle Opener
- Durable Wire Belt Clip Reduces pocket tearing

**FASTBACK™ POCKET KNIVES**

**PRESS AND FLIP**
# FASTBACK® COMPACT FOLDING KNIFE

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1521</td>
<td>Press &amp; Flip™ Compact Folding Utility Knife</td>
</tr>
<tr>
<td>48-22-1522</td>
<td>FASTBACK™ Hawkbill Folding Knife</td>
</tr>
<tr>
<td>48-22-1523</td>
<td>FASTBACK™ Lockback Pocket Knife</td>
</tr>
</tbody>
</table>

**Features**:
- All Metal Body
- Durable Wire Belt Clip Reduces pocket tearing
- Tether Ready Lanyard Hole

**Ideal for**: Scoring

---

# FASTBACK® HAWKBILL FOLDING KNIVES

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1525</td>
<td>Press &amp; Flip™ Hawkbill Folding Knife</td>
</tr>
<tr>
<td>48-22-1526</td>
<td>FASTBACK™ Short Tip Hawkbill Folding Knife</td>
</tr>
</tbody>
</table>

**Features**:  
- Hawkbill Blade
- Thumb Hole
- Durable Wire Belt Clip Reduces pocket tearing
- Tether Ready Lanyard Hole
- Liner Lock Secures blades

**Ideal for**: Stripping Cable

---

# FASTBACK® UTILITY KNIVES

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1500</td>
<td>Press &amp; Flip™ Folding Utility Knife</td>
</tr>
<tr>
<td>48-22-1501</td>
<td>FASTBACK™ Folding Utility Knife</td>
</tr>
<tr>
<td>48-22-1502</td>
<td>FASTBACK™ Folding Utility Knife w/ Storage</td>
</tr>
<tr>
<td>48-22-1503</td>
<td>FASTBACK™ Compact Knife Set</td>
</tr>
</tbody>
</table>

**Features**:  
- All Metal Body
- Wire Stripper
- Press and Flip
- Gut Hook

**Stays Sharp**

---

# FASTBACK® SPARK ASSISTED POCKET KNIVES

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1530</td>
<td>FASTBACK™ Spring Assisted Knife</td>
</tr>
<tr>
<td>48-22-1531</td>
<td>FASTBACK™ Camo Spring Assisted Knife</td>
</tr>
</tbody>
</table>

**Features**:  
- Stainless Steel Tanto Blade Stays Sharp
- Spring Assisted
- Flipper for Easy Opening
- Slide Lock Secures Blades
- Durable Wire Belt Clip Reduces pocket tearing

**Partially Serrated**

---

# FASTBACK® LOCKBACK POCKET KNIFE

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1940</td>
<td>Lockback Pocket Knife</td>
</tr>
</tbody>
</table>

**Features**:  
- Stainless Steel Smooth Blade
- Nail Nick Easy open
- Durable Wire Belt Clip Reduces pocket tearing

**Tether Ready Lanyard Hole**

---

# FASTBACK® COMPACT FOLDING KNIFE

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1504</td>
<td>FASTBACK™ Folding Utility Knife</td>
</tr>
</tbody>
</table>

**Features**:  
- Drop Point Blade
- Thumb Hole Easy Opening
- Durable Wire Belt Clip Reduces pocket tearing
- Tether Ready Lanyard Hole

**Compact**

---

# FASTBACK® POCKET & FOLDING KNIVES

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1521</td>
<td>FASTBACK™ Folding Utility Knife</td>
</tr>
</tbody>
</table>

**Features**:  
- Stainless Steel Blade Stays Sharp
- Liner Lock Secure Blade
- Compact

**Tether Ready Lanyard Hole**

---

# FAQ

What is the difference between a compact folding knife and a standard folding knife?

A compact folding knife is designed to be lighter and smaller, making it easier to carry and use for various tasks. It typically has a smaller blade than a standard folding knife. The standard folding knife, on the other hand, offers a larger blade for more robust tasks.

Where can I buy these knives?

These knives are sold at Milwaukee Tool dealers and online retailers. You can also find them at Milwaukee Tool’s official website, milwaukee-tool.com.
### COMPACT SIDE SLIDE KNIFE

**SIDE SLIDE. MAXIMUM CONTROL.**

- **Quick Change Tool-Free Blade Change**
- **Side Slide** Prevents accidental blade retraction
- **Tether Ready Lanyard Hole**

### SIDE SLIDING UTILITY KNIFE

**MAXIMUM DEPTH CONTROL**

- **Tool-Free Blade Change**
- **Side Sliding Blade Activation**
- **Wire Stripper**
- **Rubber Overmold**

### FIXED BLADE UTILITY KNIFE

**FIXED BLADE**

- **All-Metal Body**
- **Tether Ready Lanyard Hole**

### GENERAL PURPOSE

**LASTS 5X LONGER**

- **General Purpose Utility Blades**
- **Holds up to 5 Blades**
- **Ideal for Cartons**

### HOOK

**UP TO 2X STRONGER**

- **Ideal for Roofing**
- **High Quality Steel**

### DRYWALL

**UP TO 2X SHARPER**

- **Ideal for Drywall**
- **Custom Grind Angle**

### CARTON

**LASTS 5X LONGER**

- **Ideal for Cartons**
- **Rounded Edges**

---

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1510</td>
<td>Side Sliding Utility Knife</td>
</tr>
<tr>
<td>48-22-1511</td>
<td>Compact Side Sliding Utility Knife</td>
</tr>
<tr>
<td>48-22-1513</td>
<td>Fixed Blade Utility Knife</td>
</tr>
<tr>
<td>48-22-1515</td>
<td>Tool-Free Blade Change</td>
</tr>
<tr>
<td>48-22-1516</td>
<td>Wire Stripper</td>
</tr>
<tr>
<td>48-22-1517</td>
<td>Rubber Overmold</td>
</tr>
</tbody>
</table>

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<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>
</table>
### SELF RETRACTING UTILITY KNIFE

**SIDE SLIDE. SELF RETRACT.**

- Self-Retracting Lanyard Hole
- Tool-Free Blade Change

### SAFETY CUTTER

**UP TO 5X LONGER LIFE**

- Recessed Blade
- Lanyard Hole
- Tape Piercer
- Ergonomic Handle

### PRECISION SNAP-OFF KNIVES

**METAL LOCK**

**UP TO 10X LONGER LIFE**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1960</td>
<td>9mm (A) Precision Snap-Off Knife</td>
</tr>
<tr>
<td>48-22-1961</td>
<td>18mm (L) Precision Snap-Off Knife w/ Metal Lock</td>
</tr>
</tbody>
</table>

### GENERAL PURPOSE SNAP-OFF KNIVES

**FASTER BLADE ADJUSTMENT**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1963</td>
<td>9mm (A) General Purpose Snap-Off Knife</td>
</tr>
<tr>
<td>48-22-1964</td>
<td>18mm (L) General Purpose Snap-Off Knife</td>
</tr>
</tbody>
</table>

### INSULATION KNIVES

**STAYS SHARPER LONGER**

- Heat Treated Strength
- Full Tang

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1921</td>
<td>Insulation Knife (Smooth)</td>
</tr>
<tr>
<td>48-22-1922</td>
<td>Insulation Knife (Serrated)</td>
</tr>
</tbody>
</table>

### DUCT KNIFE

**STAYS SHARPER LONGER**

- Heat Treated Strength
- Double-Edged Blade

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1916</td>
<td>Safety Cutter</td>
</tr>
</tbody>
</table>

### BLADE SNAPSHOT

- 2 Blade Positions

### BLADE SNAPSHOT

- 8 Cutting Points

### BLADE SNAPSHOT

- 25mm

### BLADE SNAPSHOT

- SPEED THREAD™ Knob

### BLADE SNAPSHOT

- 8 Cutting Points

### BLADE SNAPSHOT

- 25mm
**RASPING JAB SAW**

**UP TO 2X FASTER PLUNGE CUTS**

- Built-in rasping holes
- 6" plaster/drywall blade
- Rubber overmold

**Tool-Free Blade Change**

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

**AVIATION SNIPS**

**UP TO 10X MORE CUTS**

**FORGED BLADES**

- Bolt lock
- Blades will not loosen
- Chrome rust protection
- One-hand metal locking
- Lanyard hole

**AVIATION SNIPS**

**STANDARD**

- 0° offset standard snips
- 18ga, 22ga

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Cold Rolled Steel</th>
<th>Stainless Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-4523</td>
<td>0° offset standard snips set</td>
<td>16ga, 12ga</td>
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</tr>
<tr>
<td>48-22-4533</td>
<td>Long cut straight cutting snips</td>
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<td>48-22-4513</td>
<td>Left cutting right angle snips</td>
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</tr>
</tbody>
</table>

**LONG CUT**

- Long cut snips set
- 16ga, 18ga

<table>
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</table>

**OFFSET**

- Long cut offset snips
- 16ga, 18ga

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<tr>
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</table>

**OFFSET**

- Right cutting right angle snips
- 16ga, 18ga

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**SPECIALTY**

- Left cutting right angle snips
- 16ga, 20ga

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**PVC/ABS SAWs**

**FAST CUTS THROUGH PVC**

- Impact resistant body
- Tool-free blade change
- Metal core

**FOLDING JAB SAW**

**UP TO 10X FASTER BLADE CHANGE**

- Uses standard SAWZALL® recip saw blades
- Folding blade
- Tool-free blade change
- Rubber overmold

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

**AVIATION SNIPS**

**STANDARD**

- 0° offset standard snips
- 18ga, 22ga

<table>
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**LONG CUT**

- Long cut snips set
- 16ga, 18ga

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**OFFSET**

- Long cut offset snips
- 16ga, 18ga

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**OFFSET**

- Right cutting right angle snips
- 16ga, 20ga

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**SPECIALTY**

- Left cutting right angle snips
- 16ga, 20ga

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</table>
### TINNERS

#### OFFSET COMPOUND TINNER

**TOUGH CUTS**

*2X FORCE, LESS EFFORT*

BOLT LOCK

- **Up to 40% Larger Handle Loops**
- **Compound Mechanism**
  - Provides 2X force
- **Bolt Lock**
  - Blades will not loosen

#### CLASSIC TINNERS

**BLADES WILL NOT LOOSEN**

BOLT LOCK

- **40% Larger Handle Loops**
- **Index Finger Groove**

#### DUCKBILL TINNER

**BLADES WILL NOT LOOSEN**

BOLT LOCK

- **For Tight Radius Cuts**
- **3-1/2" Replaceable Steel Blades**

#### LIGHTWEIGHT TINNER

**STRAIGHTER, CLEANER CUTS**

- **Aluminum Construction**
- **Index Finger Groove**
- **3-1/2" Replaceable Steel Blades**

### JOBSITE SCISSORS

#### ALL-METAL HANDLES

**UP TO 10X LONGER LIFE**

- **Ruler Marking on Blade**
- **Bolt Lock**
  - Blades will not loosen

### ADAPTABLE BOLT CUTTERS w/ POWERMOVE® EXTENDABLE ARMS

**MORE CUTS. MAXIMUM VERSATILITY.**

- **Forged Steel Blades & Custom Heat Treated**
- **Maximum durability**
- **Lanyard Hole**
- **Comfort Grip**

---

**Model #** | **Description**
--- | ---
48-22-4003 | Offset Compound Tinner
48-22-4002 | 12" Classic Tinner
48-22-4001 | 16" Bulldog Tinner
48-22-4005 | Offset Compound Tinner
48-22-4004 | 10" Duckbill Tinner
48-22-4007 | Lightweight Tinner Replacement Blades
48-22-4047 | Jobsite Offset Scissors
48-22-4046 | Jobsite Straight Scissors
48-22-4114 | 14" Adaptable Bolt Cutter 5/16" 3/16"
48-22-4124 | 24" Adaptable Bolt Cutter 7/16" 5/16"

---

| **Model #** | **Description** | **Max Capacity**
| --- | --- | ---
| 48-22-4114 | 14" Adaptable Bolt Cutter | 5/16" 3/16"
| 48-22-4124 | 24" Adaptable Bolt Cutter | 7/16" 5/16"
BOLT CUTTERS

MORE CUTS. LONGER LIFE.

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Max Capacity Soft/Medium Materials (up to 31 HRC)</th>
<th>Max Capacity Hard Materials (up to 48 HRC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-4014</td>
<td>14&quot; Bolt Cutter</td>
<td>5/16&quot;</td>
<td>7/32&quot;</td>
</tr>
<tr>
<td>48-22-4018</td>
<td>18&quot; Bolt Cutter</td>
<td>3/8&quot;</td>
<td>1/4&quot;</td>
</tr>
<tr>
<td>48-22-4024</td>
<td>24&quot; Bolt Cutter</td>
<td>7/16&quot;</td>
<td>5/16&quot;</td>
</tr>
<tr>
<td>48-22-4031</td>
<td>30&quot; Bolt Cutter</td>
<td>1/2&quot;</td>
<td>3/8&quot;</td>
</tr>
</tbody>
</table>

Forged Steel Blades & Custom Heat Treated
Maximum durability

Comfort Grip
Won’t peel

Lanyard Hole

BOLT LOCK
Lasts longer, stays tight

FIBERGLASS BOLT CUTTER w/ PIVOTMOVE™

BEST ACCESS. 1000V INSULATED.

<table>
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<tr>
<th>Model #</th>
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<th>Max Capacity Soft/Medium Materials (up to 31 HRC)</th>
<th>Max Capacity Hard Materials (up to 48 HRC)</th>
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</thead>
<tbody>
<tr>
<td>48-22-4218</td>
<td>18&quot; Fiberglass Bolt Cutter w/ PIVOTMOVE™ Rotating Handles</td>
<td>3/8&quot;</td>
<td>1/4&quot;</td>
</tr>
<tr>
<td>48-22-4224</td>
<td>24&quot; Fiberglass Bolt Cutter w/ PIVOTMOVE™ Rotating Handles</td>
<td>7/16&quot;</td>
<td>5/16&quot;</td>
</tr>
</tbody>
</table>

Forged Steel Blades & Custom Heat Treated
Maximum durability

Jaw Adjustment Screw
Healights blades as they wear

Comfort Grip
Won’t peel

PIVOTMOVE™ Rotating Handles
Greater Accessibility

COMPACT HACKSAW

6 Blade Storage Capacity

UP TO 10x FASTER BLADE CHANGE

HIGH-TENSION HACKSAW

MOST DURABLE. HIGHEST TENSION.

<table>
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<tr>
<th>Model #</th>
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<th>Max Capacity Soft/Medium Materials (up to 31 HRC)</th>
<th>Max Capacity Hard Materials (up to 48 HRC)</th>
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<tbody>
<tr>
<td>48-22-0012</td>
<td>Compact Hacksaw</td>
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<td></td>
</tr>
<tr>
<td>48-22-0013</td>
<td>Compact Hacksaw</td>
<td></td>
<td></td>
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</tbody>
</table>

Compact Design

Tool-Free Blade Change

Rubber Overmold

Adjustable Blade Length

HIGH LEVERAGE TENSION KNOB

6 Blade Storage Capacity

PIVOTMOVE™ Rotating Handles
Greater Accessibility
## LINEMAN’S HIGH-LEVERAGE RATCHETING WRENCHES

### MOST DURABLE RATCHET BUILT-IN HAMMER

- **Durable Fiberglass Handle**
- **Laser Etched Size Markings**
- **Double Forged Steel**
- **Tether Ready Lanyard Hole**

<table>
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<tr>
<th>Model #</th>
<th>Description</th>
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<tbody>
<tr>
<td>48-22-9213M</td>
<td>Lineman’s High-Leverage Ratcheting Wrench w/ Milled Strike Face</td>
</tr>
<tr>
<td>48-22-9213</td>
<td>Lineman’s High-Leverage Ratcheting Wrench w/ Smooth Strike Face</td>
</tr>
</tbody>
</table>

**Also Available:**
- Lineman’s High-Leverage Ratcheting Wrench w/ Smooth Strike Face

## LINEMAN’S 5in1 RATCHETING WRENCHES

### MOST DURABLE RATCHET BUILT-IN HAMMER

- **Durable Fiberglass Handle**
- **Laser Etched Size Markings**
- **Large Directional Switches**
- **Tether Ready Lanyard Hole**

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<th>Model #</th>
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<tbody>
<tr>
<td>48-22-9216M</td>
<td>Lineman’s 5in1 Ratcheting Wrench w/ Milled Strike Face</td>
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<tr>
<td>48-22-9216</td>
<td>Lineman’s 5in1 Ratcheting Wrench w/ Smooth Strike Face</td>
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</table>

**Also Available:**
- Lineman’s 5in1 Ratcheting Wrench w/ Smooth Strike Face

## RATCHETING BOX WRENCHES

### 2in1 LINEMAN’S INSULATED RATCHETING BOX WRENCH

- **DURABLE, FORGED STEEL. 1000V INSULATED.**
- **3/4” & 1” Twelve Point Sockets**
- **Separate Metal Heads Insulated from other head**
- **High Contrast Size Markings**
- **Durable Forged Steel**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-9211</td>
<td>Lineman’s 2in1 Insulated Ratcheting Box Wrench</td>
</tr>
</tbody>
</table>

### 4in1 LINEMAN’S INSULATED RATCHETING BOX WRENCH

- **DURABLE, FORGED STEEL. 1000V INSULATED.**
- **3/4” & 5/8” Twelve Point Sockets**
- **Large Directional Switches**
- **Lanyard Hole**
- **Separate Metal Heads Insulated from other head**
- **High Contrast Size Markings**
- **Durable Forged Steel**

<table>
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<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-9212</td>
<td>Lineman’s 4in1 Insulated Ratcheting Box Wrench</td>
</tr>
</tbody>
</table>

**Also Available:**
- Lineman’s 5in1 Insulated Ratcheting Box Wrench
- Lineman’s 4in1 Insulated Ratcheting Box Wrench

- **Lanyard Hole Separate Metal Heads**
- **Insulated from other head**
- **9/16” & 1/2” Twelve Point Sockets**
- **Ergonomic Handle**
- **9/16” Twelve Point Sockets**
- **1000V"
**TUBING/PIPE CUTTERS & REAMING PEN**

**TUBING CUTTER**

**STRAIGHTER, CLEANER CUTS**

[Image: TUBING CUTTER]

Model # | Description
---|---
48-22-4204 | Ratcheting Pipe Cutter
48-22-4203 | Tubing Cutter Replacement Blade

**RATCHETING PIPE CUTTERS**

**STRAIGHT, EASY CUTS**

[Image: RATCHETING PIPE CUTTERS]

Model # | Description
---|---
48-22-4204 | 1-5/8” Ratcheting Pipe Cutter
48-22-4203 | Ratcheting Pipe Cutter Replacement Blade

**REAMING PEN**

[Image: REAMING PEN]

Model # | Description
---|---
48-22-4205 | Reaming Pen

**MINI COPPER TUBING CUTTERS**

**5X LONGER LIFE**

**REINFORCED ADJUSTMENT MECHANISM**

[Image: MINI COPPER TUBING CUTTERS]

Model # | Description | Cut Capacity | Extra Blade
---|---|---|---
48-22-4250 | 1/2” Mini Copper Tubing Cutter | 1/8” – 5/8” | –
48-22-4251 | 3/4” Mini Copper Tubing Cutter | 1/8” – 7/8” | –
48-22-4252 | 1” Mini Copper Tubing Cutter | 1/8” – 1-1/8” | Pen
48-22-4256 | 2 Pc Replacement Cutter Wheels | – | –

**COPPER TUBING CUTTERS**

**MOST COMPACT. LONGEST LIFE.**

[Image: COPPER TUBING CUTTERS]

Model # | Description | Cut Capacity | Extra Blade
---|---|---|---
48-22-4250 | 1/2” Mini Copper Tubing Cutter | 1/8” – 5/8” | –
48-22-4251 | 3/4” Mini Copper Tubing Cutter | 1/8” – 7/8” | –
48-22-4252 | 1” Mini Copper Tubing Cutter | 1/8” – 1-1/8” | Pen
48-22-4256 | 2 Pc Replacement Cutter Wheels | – | –
### COPPER TUBING CUTTERS

#### QUICK-ADJUST COPPER TUBING CUTTERS

**STRAIGHTER, CLEANER CUTS**

4 CHROME ROLLERS

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<th>Model #</th>
<th>Description</th>
<th>Cut Capacity</th>
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</thead>
<tbody>
<tr>
<td>48-22-4233</td>
<td>2-1/2” Quick-Adjust Copper Cutter</td>
<td>1/2” – 2-5/8”</td>
</tr>
<tr>
<td>48-22-4234</td>
<td>3-1/2” Quick-Adjust Copper Cutter</td>
<td>1/2” – 3-1/2”</td>
</tr>
<tr>
<td>48-22-4235</td>
<td>2 Pc Replacement Cutter Wheels</td>
<td>–</td>
</tr>
<tr>
<td>48-22-4236</td>
<td>Replacement PEX Cutter Wheel</td>
<td>–</td>
</tr>
</tbody>
</table>

### CONSTANT SWING COPPER TUBING CUTTERS

**STRAIGHTER, CLEANER CUTS**

4 CHROME ROLLERS

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Cut Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-4259</td>
<td>1” Constant Swing Copper Cutter</td>
<td>1/8” – 1-1/8”</td>
</tr>
<tr>
<td>48-22-4252</td>
<td>1-1/2” Constant Swing Copper Cutter</td>
<td>1/8” – 1-5/8”</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>

### PUNCHDOWN TOOL

**BEST ACCESS & VISIBILITY**

- Integrated LED Light
- High / Low Impacting Function

#### MINI FLUSH CUTTER

**CONSISTENT, PRECISE CUTS**

- Light Weight
- Spring Assisted

#### RATCHETING MODULAR CRIMPER

**CONSISTENT, ACCURATE CRIMPS**

- Easy Access Jack Removal
- In-Line Head Design
- Parallel Crimping Design

---

**Built-In Reamer on 48-22-4232**

Adapt to Cut 3” PEX

Chrome Rollers Rust Protection

---

Chrome Rollers Rust Protection

---

---

---

---

---

---
LOW VOLTAGE VDV

MULTI-PICK TOOL

4in1

Anti-Roll Grip
Storage Cap

Wire Pick & Hook for Removing Errant Connections

Model # | Description
--- | ---
48-22-2145 | Multi-Pick Tool

ELECTRICIAN SNIPS

BLADES WON’T LOOSEN.
BOLT LOCK

Forged Blade
All-Metal Handles

Optimized Finger Loop

Wire Gullet Prevents Walking

Model # | Description
--- | ---
48-22-4045 | Electrician Snips

UTP STRIPPER

COMFORTABLE, ONE HAND OPERATION

Spring Assisted Stripping
Adjustable Blade Height

Optimized Finger Loop

Model # | Description
--- | ---
48-22-3065 | UTP Stripper

Conduit Benders

CONDUIT BENDERS

HIGH CONTRAST MARKINGS
BEST VISIBILITY

Reinforced Hook
Reference Angles

Model # | Description
--- | ---
48-22-4080 | 1/2” Iron Conduit Bender
48-22-4081 | 3/4” Iron Conduit Bender
48-22-4082 | 1” Iron Conduit Bender
48-22-4070 | 1/2” Aluminum Conduit Bender
48-22-4071 | 3/4” Aluminum Conduit Bender
48-22-4072 | 1” Aluminum Conduit Bender

FISH STICKS

MOST DURABLE CONNECTIONS.
BRIGHTEST GLOW.

Reinforced Threaded Connection Points

Knurled Grip
Brightest Glow in the Dark
Coating Protects Against Splinters

Model # | Description | Kit Includes
--- | --- | ---
48-22-4140 | 5 ft Low Flex Fish Stick | (4) 5’ Low Flex Fish Sticks, (1) Whisk, (1) Bullet Nose, (1) Storage Case
48-22-4150 | 10 ft Low Flex Fish Stick Kit | (8) 5’ Low Flex Fish Sticks, (2) Whisk, (2) Bullet Nose, (2) Storage Cases
48-22-4151 | 5 ft Mid Flex Fish Stick | (1) 5’ Mid Flex Fish Stick, (1) Whisk, (1) Bullet Nose
48-22-4152 | 10 ft Mid Flex Fish Stick Kit | (8) 5’ Mid Flex Fish Sticks, (2) Whisk, (2) Bullet Nose
48-22-4153 | 5 ft High Flex Fish Stick | (1) 5’ High Flex Fish Stick, (1) Whisk, (1) Bullet Nose, (1) Storage Case
48-22-4154 | 10 ft High Flex Fish Stick Kit | (8) 5’ High Flex Fish Sticks, (2) Whisk, (2) Bullet Nose

MET Part # | Description | Kit Includes
--- | --- | ---
48-22-4140 | Fish Stick Combo Kit | (4) 5’ Low Flex Fish Sticks, (1) Whisk, (1) Bullet Nose, (1) Storage Case
48-22-4150 | 5 ft Fish Stick Combo Kit | (4) 5’ Low Flex Fish Sticks, (1) Whisk, (1) Bullet Nose, (1) Storage Case
48-22-4151 | 10 ft Fish Stick Combo Kit | (8) 5’ Low Flex Fish Sticks, (2) Whisk, (2) Bullet Nose, (2) Storage Cases
48-22-4152 | 5 ft Fish Stick Combo Kit | (4) 5’ Low Flex Fish Sticks, (1) Whisk, (1) Bullet Nose, (1) Storage Case
48-22-4153 | 10 ft Fish Stick Combo Kit | (8) 5’ Low Flex Fish Sticks, (2) Whisk, (2) Bullet Nose, (2) Storage Cases
48-22-4154 | 5 ft Fish Stick Combo Kit | (4) 5’ Low Flex Fish Sticks, (1) Whisk, (1) Bullet Nose, (1) Storage Case
48-22-4155 | 10 ft Fish Stick Combo Kit | (8) 5’ Low Flex Fish Sticks, (2) Whisk, (2) Bullet Nose, (2) Storage Cases
48-22-4156 | 5 ft Fish Stick Combo Kit | (4) 5’ Low Flex Fish Sticks, (1) Whisk, (1) Bullet Nose, (1) Storage Case
48-22-4157 | 10 ft Fish Stick Combo Kit | (8) 5’ Low Flex Fish Sticks, (2) Whisk, (2) Bullet Nose, (2) Storage Cases
48-22-4158 | Fish Stick Lighted Tip Accessory | (1) Lighted Tip Accessory
48-22-4159 | Fish Stick Magnetic Tip and Chain Accessory | (1) Magnetic Tip, (1) Chain Accessory

milwaukee.com
## Polyester Fish Tapes

**Easiest Fishing. More Durable Tape.**

- Flexible Metal Leader
- High Flexibility Tape: Easier Feeding, Won’t Kink
- Triple Strand Design: Thicker Tape, Better Pushing
- Square Inner Grip: Easier Winding
- Low Friction Case: Smooth Pay Out

### Model # | Description
--- | ---
48-22-4192 | 50ft Polyester Fish Tape w/ Flexible Metal Leader
48-22-4193 | 100ft Polyester Fish Tape w/ Flexible Metal Leader
48-22-4197 | 200ft Polyester Fish Tape w/ Flexible Metal Leader
48-22-4162 | 50ft Polyester Fish Tape w/ Nonconductive Tip
48-22-4165 | 100ft Polyester Fish Tape w/ Nonconductive Tip
48-22-4167 | 200ft Polyester Fish Tape w/ Nonconductive Tip

### Also Available:
- 50ft Polyester Fish Tape w/ Nonconductive Tip

## Steel Fish Tapes

**Smooth Payout. Easier Fishing.**

- 1/4" Flexible Blue Tempered Steel: Straight Wire Runs
- Multi-Position Handle
- Square Inner Grip: Easier Winding
- Low Friction Case: Smooth Pay Out

### Model # | Description
--- | ---
48-22-4171 | 25ft 1/8" Steel Fish Tape
48-22-4172 | 50ft 1/8" Steel Fish Tape
48-22-4173 | 60ft 1/8" Steel Fish Tape
48-22-4176 | 120ft 1/8" Steel Fish Tape
48-22-4178 | 240ft 1/8" Steel Fish Tape
48-22-4181 | 25ft 1/4" Steel Fish Tape w/ Low Profile Tip
48-22-4182 | 50ft 1/4" Steel Fish Tape w/ Low Profile Tip
48-22-4185 | 100ft 1/4" Steel Fish Tape w/ Low Profile Tip

### Also Available:
- 100ft Polyester Fish Tape w/ Flexible Metal Leader

---

**High Flexibility Tape**

**Laser Etched Markings**

---

**Milwaukee**

**Packout Modular Storage System**

**Most Versatile Durable Modular Storage System**

**Virtually Build Your System**

**Scanning**

![QR Code](https://qr.mke.tl/2zd46)
ROLLING TOOL BOX

- Modular Connectivity w/ All PACKOUT™ Components
- Metal Reinforced Locking Point
- IP65 Rated Protection

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Weight Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8424</td>
<td>PACKOUT™ Rolling Tool Box</td>
<td>250 lbs</td>
</tr>
</tbody>
</table>

ROLLING TOOL CHEST

- DUAL STACK TOP
- Modular Connectivity w/ All PACKOUT™ Components
- Impact Resistant Body
- Quick-Adjust Dividers

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Weight Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8422</td>
<td>PACKOUT™ Rolling Tool Chest</td>
<td>250 lbs</td>
</tr>
</tbody>
</table>

TOOL BOXES

- Metal Reinforced Locking Point
- IP65 Rated Protection
- Interior Organizer Trays

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Weight Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8424</td>
<td>PACKOUT™ Tool Box</td>
<td>75 lbs</td>
</tr>
<tr>
<td>48-22-8425</td>
<td>PACKOUT™ Large Tool Box</td>
<td>100 lbs</td>
</tr>
<tr>
<td>48-22-8426</td>
<td>PACKOUT™ XL Tool Box</td>
<td>150 lbs</td>
</tr>
</tbody>
</table>

DRAWERS

- Metal Reinforced Frame
- Impact Resistant Polymer Body
- Modular Connectivity w/ All PACKOUT™ Components

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Weight Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8442</td>
<td>PACKOUT™ 2-Drawer Tool Box</td>
<td>50 lbs</td>
</tr>
<tr>
<td>48-22-8443</td>
<td>PACKOUT™ 3-Drawer Tool Box</td>
<td>75 lbs</td>
</tr>
</tbody>
</table>

COMPACT TOOL BOX

- IP65 Rated Protection
- Quick-Adjust Dividers
- Modular Connectivity w/ All PACKOUT™ Components

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Weight Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8428</td>
<td>PACKOUT™ Rolling Tool Chest</td>
<td>250 lbs</td>
</tr>
</tbody>
</table>

TOOL CASE WITH CUSTOMIZABLE INSERT

- Customizable Foam Insert
- 75 lbs Weight Capacity

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Weight Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8420</td>
<td>PACKOUT™ Tool Case with Customizable Insert</td>
<td>75 lbs</td>
</tr>
</tbody>
</table>

75 lbs Weight Capacity
- Reinforced Locking Point
- Impact Resistant Polymer Body
- Modular Connectivity w/ All PACKOUT™ Components

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Weight Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8400</td>
<td>PACKOUT™ Tool Case with Customizable Insert</td>
<td>75 lbs</td>
</tr>
<tr>
<td>48-22-8401</td>
<td>PACKOUT™ Customizable Foam Insert</td>
<td>75 lbs</td>
</tr>
</tbody>
</table>

Additional Dividers Sold Separately: 48-22-8472 and 48-22-8473
CRATE

Stack or Hang
- Rear hanging points for vertical use
- Top attachment points for stacking

50 lbs Weight Capacity

16qt COOLER

16 qt Capacity

Integrated Bottle Opener

Modular Connectivity w/ All PACKOUT® Components

Impact Resistant Body

IP65 Rated Protection

Bottle Opener

Impact Tray

Model # Description
48-22-8440 PACKOUT™ Crate

ORGANIZERS

Modular Connectivity w/ All PACKOUT® Components

Impact Resistant Body

IP65 Rated Protection

No-Travel Bin Seals

Removable & Mountable Bins

Model # Description
48-22-8430 PACKOUT™ Organizer
48-22-8435 PACKOUT™ Compact Organizer

LOW-PROFILE ORGANIZERS

6 Removable Bin Dividers

Removable & Mountable Bins

Model # Description
48-22-8430 PACKOUT™ Organizer
48-22-8435 PACKOUT™ Compact Organizer

TOTES

Durable Overmold Handle

All-Metal Hardware

Impact Resistant Polymer Base

Model # Description
48-22-0310 PACKOUT™ 10" Tote
48-22-0315 PACKOUT™ 15" Tote
48-22-0320 PACKOUT™ 20" Tote

Stack or Hang

Quick-Adjust Dividers

4 Large Compartments

IP65 Rated Protection

Quick-Adjust Dividers

4 Small Compartments

Modular Connectivity with All PACKOUT® Components

Impact Resistant Polymer Body

4 Large Compartments

Model # Description
48-22-0400 PACKOUT™ 6in Compact Cooler
48-22-0430 PACKOUT™ 9in Deep Organizer

Model # Description
48-22-0480 PACKOUT™ 8in Removable Bin Divider
48-22-0485 PACKOUT™ 10in Removable Bin Divider
PACKOUT MODULAR STORAGE

TOOL BAGS

- Versatile Carry: Cushioned shoulder strap, top handles, side handles
- All-Metal Hardware
- Impact Resistant Polymer Base
- Modular Connectivity w/ All PACKOUT™ Components
- Tear-Resistant 1680D Ballistic Material
- Spacious Storage Compartment
- All-Purpose Kickstand

COOLER

- Food-Grade Leak Proof Liner
- All-Metal Hardware
- Tear-Resistant 1680D Ballistic Material
- Impact Resistant Polymer Base
- No Sweat Exterior
- Tape Measure Clip w/ Bottle Opener
- Holds Ice for 24 Hours

TECH BAG

- Padded Shoulder Strap
- All-Metal Hardware
- Impact Resistant Polymer Base
- Tear-Resistant 1680D Ballistic Material
- Fold Down Front Pocket
- Modular Connectivity w/ All PACKOUT™ Components
- Optimized Storage Capacity

BACKPACK

- Load-Bearing Harness
  - Evenly distributes weight
  - Padded and breathable
  - Sternum strap
- Tear-Resistant 1680D Ballistic Material
- Hardshell Protected Electronic & Equipment Pocket
- Impact Resistant Polymer Base
- Tape Measure Clip
- Modular Connectivity w/ All PACKOUT™ Components
- Optimized Storage Capacity

MOUNTING PLATE

- 100 lbs Floor Mounted Weight Capacity
- 50 lbs Wall Mounted Weight Capacity
- Modular Connectivity w/ All PACKOUT™ Components
- Metal Reinforced Mounting Holes
- Metal Reinforced Tie-Down Points
- Impact Resistant Polymer Construction

Model # Description Tool Pockets
48-22-8321 PACKOUT™ 15" Tool Bag 40
48-22-8322 PACKOUT™ 20" Tool Bag

Model # Description Test Pockets
48-22-8300 PACKOUT™ Tech Bag 50

Model # Description
48-22-8301 PACKOUT™ Backpack
48-22-8302 PACKOUT™ Cooler
48-22-8485 PACKOUT™ Mounting Plate
48-22-0481 PACKOUT™ Mounting Plate
**DOLLY**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Weight Capacity</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8410</td>
<td>PACKOUT™ ™ Dolly</td>
<td>250 lbs</td>
<td>250 lbs</td>
</tr>
</tbody>
</table>

- QuickStop™ Loading Lever
- Smooth Roll Wheels
- 250 lbs Weight Capacity
- Impact Resistant Polymer Construction
- Modular Connectivity w/ All PACKOUT™ Components
- Locking Casters

**2-WHEEL CART**

- Stack or Hang
- 400 lbs Weight Capacity
- Compact Width for Easy Access
- Modular Connectivity w/ All PACKOUT™ Components
- Long Tool Storage
- Folding Base Plate for Easy Storage
- 10" Flat-Free Wheels

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Weight Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8415</td>
<td>PACKOUT™ 2-Wheel Cart</td>
<td>400 lbs</td>
</tr>
</tbody>
</table>

**RACKING SHELVES**

- Versatile Mounting Compatible w/ horizontal and vertical E-Track
- 50 lbs Weight Capacity
- Metal Reinforced Frame
- Modular Connectivity w/ All PACKOUT™ Components
- Quick Release Levers for Easy Repositioning

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8460</td>
<td>PACKOUT™ Racking Kit</td>
</tr>
<tr>
<td>48-22-8461</td>
<td>PACKOUT™ Racking Shelf</td>
</tr>
<tr>
<td>48-22-8462</td>
<td>2 Pc 20&quot; Vertical E-Track for PACKOUT™ Racking Shelves</td>
</tr>
</tbody>
</table>

**CUSTOMIZABLE WORK TOP**

- Fastener-Ready Mounting Surface
- 50 lbs Weight Capacity
- Marine-Grade Wood Top
- Impact Resistant Body
- Modular Connectivity w/ All PACKOUT™ Components

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Weight Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8481</td>
<td>PACKOUT™ ™ Customizable Work Top</td>
<td>50 lbs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Weight Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8480</td>
<td>PACKOUT™ ™ Racking Kit</td>
<td></td>
</tr>
<tr>
<td>48-22-8481</td>
<td>PACKOUT™ ™ Racking Shelf</td>
<td></td>
</tr>
<tr>
<td>48-22-8482</td>
<td>2 Pc 20&quot; Vertical E-Track for PACKOUT™ ™ Racking Shelves</td>
<td></td>
</tr>
</tbody>
</table>
**BAG & ROLLING BAGS**

### Jobsite Tech Bag

**UP TO 5X MORE DURABLE**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Pockets</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8210</td>
<td>Jobsite Tech Bag</td>
<td></td>
</tr>
</tbody>
</table>

**Tear Resistant**

- 1680D Ballistic Nylon

- Impact-Resistant Base

**Hardtop™ Rolling Bags**

**Most Durable. Ultimate Versatility.**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Pockets</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8221</td>
<td>18&quot; Rolling Bag</td>
<td></td>
</tr>
<tr>
<td>48-22-8220</td>
<td>24&quot; Hardtop™ Rolling Bag</td>
<td></td>
</tr>
</tbody>
</table>

**Tear Resistant**

- 1680D Ballistic Nylon

- Integrated Rain Fly

**CORE FEATURES**

- All-Metal Hardware
- Tear Resistant 1680D Ballistic Nylon
- Padded Tech Pocket
- 6" All-Terrain Wheels
- All-Metal Rims & Through Axle
- Metal-Reinforced Skid Plates
- Industrial Grade Extension Handle
- For stacking

---

**Jobsite Cooler**

**Holds Ice Up To 24 HRS**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Pockets</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8320</td>
<td>Jobsite Cooler</td>
<td></td>
</tr>
</tbody>
</table>

**Tear Resistant**

- 1680D Ballistic Nylon

- Integrated Rain Fly

**CORE FEATURES**

- All-Metal Hardware
- Tear Resistant 1680D Ballistic Nylon
- Puncture Resistant Pocket
- Impact-Resistant Base
- Industrial Grade Extension Handle
- Tape Measure Clip w/ Bottle Opener
- Tape Measure Clip
- Load-Bearing Harness
- Rugged Metal Zippers
- Reinforced Base
- 2x the Insulation

---

**Low-Profile Backpack**

**Durable, Low-Profile Design**

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

**Tear Resistant**

- 1680D Ballistic Nylon

- Integrated Rain Fly

**CORE FEATURES**

- All-Metal Hardware
- Tear Resistant 1680D Ballistic Nylon
- Padded Electronics Sleeve
- 1680D Weather Resistant Base
- Load-Bearing Harness
- Tape Measure Clip
- Attachment Strap
- Food-Grade Leak Proof Liner
- No-Sweat Exterior
- Tape Measure Clip
- 1680D Weather Resistant Base
- Rugged Metal Zippers
- Reinforced Base
- Holds Ice Up To 24 HRS
- 2x the Insulation

---

**Cooler & Backpack**

**Low-Profile Backpack**

**Durable, Low-Profile Design**

**Tear Resistant**

- 1680D Ballistic Nylon

- Integrated Rain Fly

**CORE FEATURES**

- All-Metal Hardware
- Tear Resistant 1680D Ballistic Nylon
- Padded Electronics Sleeve
- 1680D Weather Resistant Base
- Load-Bearing Harness
- Tape Measure Clip
- Attachment Strap
- Food-Grade Leak Proof Liner
- No-Sweat Exterior
- Tape Measure Clip
- 1680D Weather Resistant Base
- Rugged Metal Zippers
- Reinforced Base
- Holds Ice Up To 24 HRS
- 2x the Insulation
**JOBSITE BACKPACK**

**UP TO 5X MORE DURABLE**

- Rugged Metal Zippers
- 1680D Ballistic Nylon
- Load-Bearing Harness
- Laptop Storage Fits up to 15.6''

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Pockets</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8201</td>
<td>Jobsite Backpack</td>
<td>35</td>
</tr>
</tbody>
</table>

**ULTIMATE JOBSITE BACKPACK**

**ULTIMATE DURABILITY, PROTECTION, & STORAGE**

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

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Pockets</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8200</td>
<td>Jobsite Backpack</td>
<td>35</td>
</tr>
</tbody>
</table>

**PARACHUTE ORGANIZER BAG**

**FASTEST ACCESS, BEST CONSTRUCTION**

- 6 Interior Pockets
- 3 Exterior Pockets
- Zipper Pouch Accessory storage
- Weather-Resistant Base
- Durable Handle

<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**

- 6 Interior Pockets
- Stand-Up & Stay-Open Design
- 3 Exterior Pockets
- Weather-Resistant Base
- Durable Handle
- Zipper Pouch Accessory storage
- Stackable Design
- Versatile Open Bucket Design

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

**ORGANIZERS**

**BACKPACKS**
# ZIPPER POUCHES

**Up to 2X More Durable**

- Rugged Metal Zipper
- Colored Webbing for easy size identification
- Heavy Duty #10 Canvas

<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>
<tr>
<td>48-22-8183</td>
<td>3 Pc Multi-Size Zipper Pouches</td>
</tr>
</tbody>
</table>

## ORGANIZERS

### ZIPPER POUCHES

- Water Resistant Stand-Up Base

### JOBSITE ORGANIZER

**Most Versatile Jobsite Organizer**

- Mountable Bins
- Weather Seal
- Durable Latches
- Full Access While Stacked

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

### WORK BELTS & UTILITY POUCHES

#### ZIPPER POUCHES

- Also Available:
  - 3 Pc Multi-Size Zipper Pouches 48-22-8183

#### WORK BELTS & POUCHES

- Also Available:
  - 3 Pc Multi-Size Zipper Pouches 48-22-8183

#### JOBSITE ORGANIZER

- No-Travel Bin Seals

### WORK BELTS & UTILITY POUCHES

#### COMPACT UTILITY POUCH

- Elastic Bit Holder
- Riveted Seams
- 1680D Ballistic Nylon
- 7 Exterior Pockets
- Tape Chain
- Quick-Attach Belt Loop

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8118</td>
<td>Compact Utility Pouch</td>
</tr>
</tbody>
</table>

### WORK BELTS & UTILITY POUCHES

#### UTILITY POUCH

- 1600D Ballistic Nylon
- 1 Deep Center Pocket
- Tape Strap
- 8 Exterior Pockets

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-0110</td>
<td>Utility Pouch</td>
</tr>
</tbody>
</table>

#### WORK BELTS & UTILITY POUCHES

#### CONTRACTOR'S WORK BELT

- Riveted Seams
  - Up to 4X stronger
- Weather Seal
- 1680D Ballistic Nylon
- Tape Chain
- Quick-Attach Belt Loop

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8130</td>
<td>Contractor's Work Belt</td>
</tr>
</tbody>
</table>

#### ELECTRICIAN'S WORK BELT

- Riveted Seams
  - Up to 4X stronger
- Weather Seal
- 1680D Ballistic Nylon
- Tape Chain
- Quick-Attach Belt Loop

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8130</td>
<td>Electrician's Work Belt</td>
</tr>
</tbody>
</table>

#### COMPACT ELECTRICIAN'S WORK POUCH

- Riveted Seams
  - Up to 4X stronger
- Weather Seal
- 1680D Ballistic Nylon
- Tape Chain
- Quick-Attach Belt Loop

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>48-22-8130</td>
<td>Compact Electrician's Work Pouch</td>
</tr>
</tbody>
</table>

#### CARPENTER'S WORK POUCH

- Riveted Seams
  - Up to 4X stronger
- Weather Seal
- 1680D Ballistic Nylon
- Tape Chain
- Quick-Attach Belt Loop

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8130</td>
<td>Carpenter's Work Pouch</td>
</tr>
</tbody>
</table>

#### 3-TIER MATERIAL WORK POUCH

- Riveted Seams
  - Up to 4X stronger
- Weather Seal
- 1680D Ballistic Nylon
- Tape Chain
- Quick-Attach Belt Loop

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8130</td>
<td>3-Tier Material Work Pouch</td>
</tr>
</tbody>
</table>

#### 3-PC MULTI-SIZE ZIPPER POUCHES

- Rugged Metal Zipper
- Colored Webbing for easy size identification
- Heavy Duty #10 Canvas

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8193</td>
<td>3 Pc Zipper Pouches</td>
</tr>
<tr>
<td>48-22-8183</td>
<td>3 Pc Multi-Size Zipper Pouches</td>
</tr>
</tbody>
</table>
**LINEMAN’S AERIAL TOOL APRON**

**EASY ORGANIZATION. LASTING DURABILITY.**

25 POCKETS

- Durable Vinyl Construction
- 25 Pockets
- All-Metal Design

Also Available:

- 2” Bucket Hook 48-22-8290
- 3” Bucket Hook 48-22-8293

**Model #**
48-22-8290

**Description**
Lineman’s Aerial Tool Apron

---

**LINEMAN’S COMPACT AERIAL TOOL APRON**

**EASY ORGANIZATION. LASTING DURABILITY.**

18 POCKETS

- Durable Vinyl Construction
- (2) Durable Eyelets
- (3) D-Rings
- Magnet Hold sockets in place

- Magnet Hold sockets in place
- Durable Flood Light Pocket
- Reinforced Auger Holders Won’t burn through

**Model #**
48-22-8201

**Description**
Lineman’s Compact Aerial Tool Apron

---

**UNDERGROUND OVAL BAG**

**UP TO 5X LONGER LIFE**

- 2 Durable Eyelets
- 3 D-Rings
- 2 Puncture Resistant Knife Pockets
- 1680D Ballistic Material
- Weep Holes Let water out
- Impact-Resistant Molded Base
- 24 Pockets

**Model #**
48-22-8275

**Description**
Underground Oval Bag

---

**AERIAL OVAL BAG**

**UP TO 5X LONGER LIFE**

- 2 Durable Eyelets
- 2 D-Rings
- Puncture Resistant Knife Pockets
- 1680D Ballistic Material
- Weep Holes Let water out
- Impact-Resistant Molded Base
- 14 Pockets

**Model #**
48-22-8276

**Description**
Aerial Oval Bag

---

**POWER UTILITY STORAGE**

milwaukee.com 75
MILWAUKEE® has taken the time to understand users’ needs and develop personal protective equipment from the ground up, delivering hard hats that allow users to adapt to each job and safety glasses that can be worn all day with lasting, fog-free lenses. MILWAUKEE® is focused on creating innovative PPE solutions that won’t slow users down, helping them STAY SAFE. STAY PRODUCTIVE.™
## SAFETY HELMETS

### BETTER PROTECTION

- Moisture Wicking Sweatband and Helmet Liner
- BOLT™ Marker Clip
  - Securely holds a marker or pencil
- Adjustable Swinging Ratchet
  - Better comfort
- 5 Adjustable Chin Strap Buckles
- Comfortable fit
- Removable and Machine Washable

### MORE COMFORT

- Absorbs Top Impact Energy
- Protects Side Impact
- Large Sun-Blocking Brim
- Temperature Reducing Vents
  - On vented hard hats only
- BOLT™ Headlamp Mount
  - Securely holds MILWAUKEE® and most other professional brand headlamps
  - Mounts to front or back

### CUSTOMIZATION AVAILABLE

- See page 85 for details

### SAFETY HELMETS

<table>
<thead>
<tr>
<th>Model #</th>
<th>Color</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-73-1300</td>
<td>White Vented Safety Helmet - Type II, Class C</td>
<td></td>
</tr>
<tr>
<td>48-73-1302</td>
<td>Yellow Vented Safety Helmet - Type II, Class C</td>
<td></td>
</tr>
<tr>
<td>48-73-1304</td>
<td>Blue Vented Safety Helmet - Type II, Class C</td>
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<tr>
<td>48-73-1306</td>
<td>Green Vented Safety Helmet - Type II, Class C</td>
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<tr>
<td>48-73-1308</td>
<td>Red Vented Safety Helmet - Type II, Class C</td>
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<tr>
<td>48-73-1310</td>
<td>Black Vented Safety Helmet - Type II, Class C</td>
<td></td>
</tr>
<tr>
<td>48-73-1312</td>
<td>Orange Vented Safety Helmet - Type II, Class C</td>
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</table>

### FRONT BRIM

<table>
<thead>
<tr>
<th>Model #</th>
<th>Color</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>48-73-1320</td>
<td>White Front Brim Vented Safety Helmet - Type II, Class C</td>
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<tr>
<td>48-73-1322</td>
<td>Yellow Front Brim Vented Safety Helmet - Type II, Class C</td>
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<tr>
<td>48-73-1324</td>
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<tr>
<td>48-73-1326</td>
<td>Green Front Brim Vented Safety Helmet - Type II, Class C</td>
<td></td>
</tr>
<tr>
<td>48-73-1328</td>
<td>Red Front Brim Vented Safety Helmet - Type II, Class C</td>
<td></td>
</tr>
<tr>
<td>48-73-1330</td>
<td>Black Front Brim Vented Safety Helmet - Type II, Class C</td>
<td></td>
</tr>
<tr>
<td>48-73-1332</td>
<td>Orange Front Brim Vented Safety Helmet - Type II, Class C</td>
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</table>

### NO BRIM

<table>
<thead>
<tr>
<th>Model #</th>
<th>Color</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>48-73-1301</td>
<td>White Safety Helmet - Type II, Class E</td>
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<tr>
<td>48-73-1303</td>
<td>Yellow Safety Helmet - Type II, Class E</td>
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<tr>
<td>48-73-1305</td>
<td>Blue Safety Helmet - Type II, Class E</td>
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<tr>
<td>48-73-1307</td>
<td>Green Safety Helmet - Type II, Class E</td>
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<tr>
<td>48-73-1309</td>
<td>Red Safety Helmet - Type II, Class E</td>
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<tr>
<td>48-73-1311</td>
<td>Black Safety Helmet - Type II, Class E</td>
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<tr>
<td>48-73-1313</td>
<td>Orange Safety Helmet - Type II, Class E</td>
<td></td>
</tr>
</tbody>
</table>

### CUSTOMIZATION AVAILABLE

- See page 85 for details

### HARD HATS

### ADAPT TO YOUR JOBSITE

- Quick-Adjust Ratcheting Suspension
- 4-Point Padded Suspension

### CUSTOMIZATION AVAILABLE

- See page 85 for details

### NO BRIM

<table>
<thead>
<tr>
<th>Model #</th>
<th>Color</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-73-1020</td>
<td>White Front Brim Safety Helmet - Type II, Class E</td>
<td></td>
</tr>
<tr>
<td>48-73-1022</td>
<td>Yellow Front Brim Safety Helmet - Type II, Class E</td>
<td></td>
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<tr>
<td>48-73-1024</td>
<td>Blue Front Brim Safety Helmet - Type II, Class E</td>
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</tr>
<tr>
<td>48-73-1026</td>
<td>Green Front Brim Safety Helmet - Type II, Class E</td>
<td></td>
</tr>
<tr>
<td>48-73-1028</td>
<td>Red Front Brim Safety Helmet - Type II, Class E</td>
<td></td>
</tr>
<tr>
<td>48-73-1030</td>
<td>Black Front Brim Safety Helmet - Type II, Class E</td>
<td></td>
</tr>
<tr>
<td>48-73-1032</td>
<td>Orange Front Brim Safety Helmet - Type II, Class E</td>
<td></td>
</tr>
</tbody>
</table>

### FRONT BRIM

<table>
<thead>
<tr>
<th>Model #</th>
<th>Color</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-73-1010</td>
<td>White Full Brim Vented Safety Helmet - Type I, Class C</td>
<td></td>
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<tr>
<td>48-73-1012</td>
<td>Yellow Full Brim Vented Safety Helmet - Type I, Class C</td>
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<tr>
<td>48-73-1014</td>
<td>Blue Full Brim Vented Safety Helmet - Type I, Class C</td>
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<tr>
<td>48-73-1016</td>
<td>Green Full Brim Vented Safety Helmet - Type I, Class C</td>
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<tr>
<td>48-73-1018</td>
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<td>48-73-1020</td>
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</tr>
<tr>
<td>48-73-1022</td>
<td>Orange Full Brim Vented Safety Helmet - Type I, Class C</td>
<td></td>
</tr>
</tbody>
</table>

### LARGE SUN-BLOCKING BRIM

- Moisture Wicking Sweat Band
- BOLT™ Marker Clip
  - Securely holds a marker or pencil

### LARGE LOGO

<table>
<thead>
<tr>
<th>Model #</th>
<th>Color</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>48-73-1000</td>
<td>White Full Brim Vented Safety Helmet - Type I, Class C</td>
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<tr>
<td>48-73-1002</td>
<td>Yellow Full Brim Vented Safety Helmet - Type I, Class C</td>
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<td>48-73-1004</td>
<td>Blue Full Brim Vented Safety Helmet - Type I, Class C</td>
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<tr>
<td>48-73-1006</td>
<td>Green Full Brim Vented Safety Helmet - Type I, Class C</td>
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<tr>
<td>48-73-1008</td>
<td>Red Full Brim Vented Safety Helmet - Type I, Class C</td>
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</tr>
<tr>
<td>48-73-1010</td>
<td>Black Full Brim Vented Safety Helmet - Type I, Class C</td>
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</tr>
<tr>
<td>48-73-1012</td>
<td>Orange Full Brim Vented Safety Helmet - Type I, Class C</td>
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</table>

### FRONT BRIEF HAT HARD HAT

<table>
<thead>
<tr>
<th>Model #</th>
<th>Color</th>
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</thead>
<tbody>
<tr>
<td>48-73-1020</td>
<td>White Front Brim Hard Hat - Type I, Class C</td>
<td></td>
</tr>
<tr>
<td>48-73-1022</td>
<td>Yellow Front Brim Hard Hat - Type I, Class C</td>
<td></td>
</tr>
<tr>
<td>48-73-1024</td>
<td>Blue Front Brim Hard Hat - Type I, Class C</td>
<td></td>
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<tr>
<td>48-73-1026</td>
<td>Green Front Brim Hard Hat - Type I, Class C</td>
<td></td>
</tr>
<tr>
<td>48-73-1028</td>
<td>Red Front Brim Hard Hat - Type I, Class C</td>
<td></td>
</tr>
<tr>
<td>48-73-1030</td>
<td>Black Front Brim Hard Hat - Type I, Class C</td>
<td></td>
</tr>
<tr>
<td>48-73-1032</td>
<td>Orange Front Brim Hard Hat - Type I, Class C</td>
<td></td>
</tr>
</tbody>
</table>

### QUICK-ADJUST RATCHETING SUSPENSION

- 4-Point Padded Suspension

### 2111-21

- USB Rechargeable Hard Hat Headlamp Kit

### 2103

- Headlamp
SURVEYOR’S SAFETY VESTS

MAXIMUM DURABILITY CARRY MORE

27 POCKETS

- Comfortable Padded Collar
- Tear Resistant Construction
- Woven 600D

External:
- 1 Clear ID Holder
- 3 Pen Pockets
- 3 Chest Pockets
- 4 Reinforced Pen Pockets
- 4 Reinforced Barrel Pockets
- 2 Water Bottle Pockets
- 2 Water Resistant Pockets
- 2 Mic Tabs

Internal:
- 3 Pen Pockets
- 1 Chest Pocket
- 1 Water Resistant Pocket
- 2 Barrel Pockets

Size: S/M 48-73-5161
Size: L/XL 48-73-5165
Size: 2XL/3XL 48-73-5162
Size: 4XL/5XL 48-73-5167

Rear Zippered Tablet Pocket

CUSTOMIZATION AVAILABLE
See page 85 for details

PERFORMANCE SAFETY VESTS

CARRY MORE REINFORCED POCKETS

15 POCKETS

- Comfortable Padded Collar
- Tear Resistant Construction
- Woven 600D

External:
- 1 Mic Tabs
- 1 Clear ID Holder
- 2 Chest Pockets
- 4 Reinforced Pen Pockets
- 2 Reinforced Barrel Pockets
- 1 Tablet Pocket

Internal:
- 1 Chest Pocket
- 2 Barrel Pockets

Size: S/M 48-73-5041
Size: L/XL 48-73-5042
Size: 2XL/3XL 48-73-5043
Size: 4XL/5XL 48-73-5044

Secure Zippered Closure

CUSTOMIZATION AVAILABLE
See page 85 for details

ANSI/ISEA 107-15
TYPE R CLASS 2

See page 85 for details

ANSI/ISEA 107-15
TYPE R CLASS 2

Rear Zippered Tablet Pocket

Reinforced Pockets and Edges

Fall Protection Pass Through

Fall Protection Through

Internal Size Adjustment

Comfortable Padded Collar

Tear Resistant Construction

Rear Zippered Tablet Pocket

Moisture Wicking
Stay cool, dry fast

Anti-Microbial
Prevent odor & bacteria

Internal Size Adjustment

Internal Size Adjustment

Internal Size Adjustment

Internal Size Adjustment

Internal Size Adjustment

Internal Size Adjustment

Internal Size Adjustment

Internal Size Adjustment

Internal Size Adjustment

Internal Size Adjustment
SAFETY GLASSES

PERFORMANCE SAFETY GLASSES w/ GASKET

ADVANCED PROTECTION. ULTIMATE PERFORMANCE.

Case Includes:

- Lenses Resist Scratching
- Comfortable Arms Extended wear
- Polarized to Reduce Glare
- Removable Gasket Protects against debris
- Lasting Fog-Free Lenses

AVAILABLE LENSES

- Clear
- Yellow
- Gray
- Tinted

Lens Color

- Polarized: 48-73-2043
- Clear: 48-73-2042
- 48-73-2041

Packaging Style – Blister Card

- Lenses Resist Scratching
- Comfortable Arms Extended wear
- Polarized to Reduce Glare
- Removable Gasket Protects against debris
- Lasting Fog-Free Lenses

AVAILABLE LENSES

- Clear
- Polarized

Lens Color

- Polarized: 48-73-2043
- Clear: 48-73-2042
- 48-73-2041

Packaging Style – Bag

- Military Grade Impact Protection
- Meets standards projectile shot at 725 feet/sec

PERFORMANCE SAFETY GLASSES w/ GASKET

HIGH IMPACT FOG-FREE LENSES

Lenses Resist Scratching
Comfortable Arms
Extended wear
Polarized to Reduce Glare
Removable Gasket
Protects against debris
Lasting Fog-Free Lenses

AVAILABLE LENSES

- Clear
- Yellow
- Gray
- Tinted

Lens Color

- Polarized: 48-73-2043
- Clear: 48-73-2042
- 48-73-2041

Packaging Style – Blister Card

- Military Grade Impact Protection
- Meets standards projectile shot at 725 feet/sec

SAFETY VESTS

STAY COOL ANTI ODOR

MESH SAFETY VESTS

STAY COOL ANTI ODOR

9 POCKETS

External:

- 1 Clear ID Holder
- 2 Chest Pockets
- 3 Reinforced Pen Pockets
- 2 Mic Tabs

Internal:

- 1 Chest Pocket

ANSI/CSA 107-10

TYPE R CLASS 2

CLASS 2

Class 2 – Mesh

Size

S/M 48-73-5111
L/XL 48-73-5112
2XL/3XL 48-73-5113
4XL/5XL 48-73-5114

Class 2 – Breakaway Mesh

Size

S/M 48-73-5131
L/XL 48-73-5132
2XL/3XL 48-73-5133
4XL/5XL 48-73-5134

Lenses Resist Scratching
Comfortable Arms
Extended wear
Polarized to Reduce Glare
Removable Gasket
Protects against debris
Lasting Fog-Free Lenses

AVAILABLE LENSES

- Clear
- Polarized

Lens Color

- Polarized: 48-73-2043
- Clear: 48-73-2042
- 48-73-2041

Packaging Style – Blister Card

- Military Grade Impact Protection
- Meets standards projectile shot at 725 feet/sec

SAFETY VESTS

CARRY MORE

10 POCKETS

External:

- 1 Clear ID Holder
- 2 Chest Pockets
- 3 Reinforced Pen Pockets
- 2 Mic Tabs

Internal:

- 1 Chest Pocket

ANSI/CSA 107-10

TYPE R CLASS 2

CLASS 3

Class 3 – Mesh

Size

S/M 48-73-5141
L/XL 48-73-5142
2XL/3XL 48-73-5143
4XL/5XL 48-73-5144

Class 3 – Breakaway Mesh

Size

S/M 48-73-5151
L/XL 48-73-5152
2XL/3XL 48-73-5153
4XL/5XL 48-73-5154

Lenses Resist Scratching
Comfortable Arms
Extended wear
Polarized to Reduce Glare
Removable Gasket
Protects against debris
Lasting Fog-Free Lenses

AVAILABLE LENSES

- Clear
- Yellow
- Gray
- Tinted

Lens Color

- Polarized: 48-73-2043
- Clear: 48-73-2042
- 48-73-2041

Packaging Style – Bag

- Military Grade Impact Protection
- Meets standards projectile shot at 725 feet/sec

SAFETY VESTS

CUSTOMIZATION AVAILABLE

See page 85 for details

Fall Protection Pass Through

Internal Size Adjustment

Also Available:

ANSI/CSA Safety Hooks

CUSTOMIZATION AVAILABLE

See page 85 for details

Fall Protection Pass Through

Internal Size Adjustment

Also Available:

ANSI/CSA Breakaway Mesh Safety Vest

CUSTOMIZATION AVAILABLE

See page 85 for details

Fall Protection Pass Through

Internal Size Adjustment

Also Available:

ANSI/CSA Safety Hooks

SAFETY GLASSES

CUSTOMIZATION AVAILABLE

See page 85 for details

Fall Protection Pass Through

Internal Size Adjustment

Also Available:

ANSI/CSA Breakaway Mesh Safety Vest
SAFETY GLASSES

FOG-FREE ALL DAY COMFORT

SAFETY GLASSES – FOG FREE LENSES

- Flexible Nose Bridge
- Comfortable Arms
- Lenses Resist Scratching

Available Lenses:
- Clear
- Yellow
- Gray
- Tinted

Lens Color | Packaging Style | Packaging Style
---|---|---
Clear | 68-73-2010 | 68-73-2011
Yellow | 68-73-2100 | 68-73-2101
Gray | 68-73-2102 | 68-73-2103
Tinted | 68-73-2104 | 68-73-2105

SAFETY GLASSES – ANTI-SCRATCH LENSES

- Flexible Nose Bridge
- Comfortable Arms
- Anti-Scratch Hard Coat

Available Lenses:
- Clear
- Yellow
- Gray
- Tinted

Lens Color | Packaging Style | Packaging Style
---|---|---
Clear | 68-73-2010 | 68-73-2011
Yellow | 68-73-2100 | 68-73-2101
Gray | 68-73-2102 | 68-73-2103
Tinted | 68-73-2104 | 68-73-2105

MILWAUKEE® enables you to add logos or taglines to your hard hat and safety vest. The order process makes it easy to customize your PPE with long lasting prints.

HEAD PROTECTION CUSTOMIZATION

Hard Hat Logo Placement
Up to 4 locations

Available Lenses:
- Tinted
- Gray
- Clear
- Yellow

Performance Safety Vest
- ANSI

Safety Vest Logo Placement
Up to 2 locations

Available Lenses:
- Tinted
- Gray
- Clear
- Yellow

Head Protection & Vest Customization

SAFETY VEST CUSTOMIZATION

- Anti-Scratch Hard Coat
- Lenses Resist Scratching
- Comfortable Arms

Available Lenses:
- Clear
- Tinted

Lens Color | Packaging Style | Packaging Style
---|---|---
Clear | 68-73-2010 | 68-73-2011
Tinted | 68-73-2104 | 68-73-2105

Print up to 4 colors

How to Submit Order
1. Place order through Sales Representative, Customer Experience, or MILWAUKEE® Connect
2. Once order is placed, an email will be sent with a link to the logo upload process
3. You will then receive an email with a link to review and approve a proof

Lead Time
- Artwork/Proof will be sent within 1 business day after finishing the logo upload process
- Order will be fulfilled within 14 – 21 days from proof approval

Order Minimums
- Hard Hats: Minimum order quantity of 36, must add in increments of 18
- Safety Vests: Minimum order quantity of 36, must add in increments of 36

More Information
- Email CXCustomSafety@milwaukeetool.com with questions

Once artwork is approved by the customer, the order cannot be canceled. Lead times are based on artwork approval date, not order date. If customer fails to approve artwork, order may be delayed. Orders placed with a mismatch on number of colors, locations, or logos will need to have the artwork updated or the order re-entered. Images may have some distortion on curved surfaces – the printer can accommodate for some, but it may not turn out the same as the flat image.
## N95 Valved Respirators

### Stay Cool

- **Valve Reduces Heat by 10°F**
- **Secure Welded Straps**
- **Downward Angle Vent** Reduces glasses fog
- **Flexible Nose Bridge**
- **Adjustable Straps**

### N95 Valved Respirator w/ Gasket

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-73-4001</td>
<td>N95 Valved Respirator w/ Gasket</td>
</tr>
<tr>
<td>48-73-4002</td>
<td>3 Pk N95 Valved Respirator w/ Gasket</td>
</tr>
<tr>
<td>48-73-4004</td>
<td>10 Pk N95 Valved Respirator w/ Gasket</td>
</tr>
</tbody>
</table>

### Also Available:

- N95 Valved Respirator 48-73-4011

### N95 Valved Respirator

- **Flexible Nose Bridge**
- **Adjustable Straps**

### All Day Comfort

- **Comfortable, Interchangeable Plugs** Foam & flanged ear plugs included
- **Adaptable Design** 3 point wear

### Ear Plugs

- **Soft Comfortable Silicone**
- **Quick Fit Design**

### Resusable Corded Ear Plugs

- **Quick Expanding Foam**

### Banded Ear Plugs

- **Comfortable, Interchangeable Plugs** Foam & flanged ear plugs included
- **Adaptable Design** 3 point wear

### Ear Plugs

- **Soft Comfortable Foam**
- **Tapered Shape**

### Model # Description

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-73-3201</td>
<td>Banded Ear Plugs</td>
</tr>
<tr>
<td>48-73-3205</td>
<td>5 Pairs Reusable Banded Flanged Ear Plugs</td>
</tr>
<tr>
<td>48-73-3206</td>
<td>5 Pairs Reusable Banded Foam Ear Plugs</td>
</tr>
</tbody>
</table>

### All Day Comfort

- **Soft Comfortable Silicone**
- **Quick Fit Design**

### Model # Description

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-73-3151</td>
<td>3 Pk Reusable Corded Ear Plugs</td>
</tr>
</tbody>
</table>

### Model # Description

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-73-3001</td>
<td>10 Pair Ear Plugs</td>
</tr>
<tr>
<td>48-73-3005</td>
<td>100 Pair Ear Plugs</td>
</tr>
<tr>
<td>48-73-3006</td>
<td>100 Pair Ear Plugs (Individually Wrapped)</td>
</tr>
</tbody>
</table>
### 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>
<tr>
<td>48-22-8733</td>
<td>Demolition Gloves XL</td>
</tr>
<tr>
<td>48-22-8734</td>
<td>Demolition Gloves XXL</td>
</tr>
</tbody>
</table>

**Features:**
- ArmorTec® Reinforced Thumb, Fingers, and Padded Palm
- Terry Cloth Sweat Wipe
- Breathable Lining & Mesh Backing
- TPR Knuckle Protection

### Performance Gloves

**Ultimate Durability. All Day Comfort.**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8720</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>48-22-8724</td>
<td>Performance Gloves XL</td>
</tr>
</tbody>
</table>

**Features:**
- High Dexterity Finger Tips
- Breathable Lining
- Terry Cloth Sweat Wipe

### 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>
</tbody>
</table>

**Features:**
- High Dexterity Finger Tips
- Terry Cloth Sweat Wipe
- TPR Knuckle Protection
- Soft Top Grain Goatskin Leather
- Keystone Thumb Comfortable Fit

### Work Gloves

**Goatskin Leather Gloves**

**Comfortable Leather. Reinforced Palm.**

<table>
<thead>
<tr>
<th>Size</th>
<th>1 Pair</th>
<th>12 Pair (Contractor Pack)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>48-73-0010</td>
<td>48-73-0010B</td>
</tr>
<tr>
<td>M</td>
<td>48-73-0011</td>
<td>48-73-0011B</td>
</tr>
<tr>
<td>L</td>
<td>48-73-0012</td>
<td>48-73-0012B</td>
</tr>
<tr>
<td>XL</td>
<td>48-73-0013</td>
<td>48-73-0013B</td>
</tr>
<tr>
<td>XXL</td>
<td>48-73-0014</td>
<td>48-73-0014B</td>
</tr>
</tbody>
</table>

**Features:**
- Touch Screen Compatible Fingertips, Palm & Knuckle
- Soft Top Grain Goatskin Leather
- Reinforced Palm
- Added Warmth
- Waterproof & Windproof Layer
- Durable Reinforced Palm & Fingertips

### Impact Demolition Gloves

**Impact Protection. Reinforced Durability.**

<table>
<thead>
<tr>
<th>Size</th>
<th>1 Pair</th>
<th>12 Pair (Contractor Pack)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>48-22-8730</td>
<td>48-22-8730B</td>
</tr>
<tr>
<td>M</td>
<td>48-22-8731</td>
<td>48-22-8731B</td>
</tr>
<tr>
<td>L</td>
<td>48-22-8732</td>
<td>48-22-8732B</td>
</tr>
<tr>
<td>XL</td>
<td>48-22-8733</td>
<td>48-22-8733B</td>
</tr>
</tbody>
</table>

**Features:**
- SmartSwipe™ Touch Screen Compatible Fingertips & Palms
- Secure Hook & Loop Closure
- Reinforced Palm

### Winter Demolition Gloves

**All Day Warmth. Reinforced Durability.**

<table>
<thead>
<tr>
<th>Size</th>
<th>1 Pair</th>
<th>12 Pair (Contractor Pack)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>48-73-0040</td>
<td>48-73-0040B</td>
</tr>
<tr>
<td>M</td>
<td>48-73-0041</td>
<td>48-73-0041B</td>
</tr>
<tr>
<td>L</td>
<td>48-73-0042</td>
<td>48-73-0042B</td>
</tr>
<tr>
<td>XL</td>
<td>48-73-0043</td>
<td>48-73-0043B</td>
</tr>
</tbody>
</table>

**Features:**
- 40g Insulation Added Warmth
- Waterproof & Windproof Layer
- Durable Reinforced Palm & Fingertips
- Secure Hook & Loop Closure
**WINTER GLOVES**

**WINTER PERFORMANCE GLOVES**

**ALL DAY WARMTH.**

- 60g Insulation Added warmth
- Terry Cloth Sweat Wipe
- Durable Reinforced Palm & Fingertips
- Waterproof & Windproof Layer

**SMARTSWIPE™** Touch Screen Compatible

**ALL DAY WARMTH.**

- Cut Level 1 Winter Dipped Gloves
  - Warm Acrylic Terry Cloth Liner
  - Double Dipped Latex
  - Breathable Backing
  - Color-Coded Bands
  - Easy cut rating identification

- Cut Level 3 Winter Dipped Gloves
  - Warm Acrylic Terry Cloth Liner
  - 3/4 Double Dipped Latex
  - Breathable Backing
  - Color-Coded Bands
  - Easy cut rating identification

- Cut Level 5 Winter Dipped Gloves
  - High Dexterity Fingertips
  - Breathable Backing
  - Color-Coded Bands
  - Easy cut rating identification

**CUT LEVEL 1 NITRILE DIPPED GLOVES**

**ULTIMATE DURABILITY. ALL DAY COMFORT.**

- Cut Level 1 Nitrile Dipped Gloves
  - Cut Level 1 ENS388
  - Cut Level 1 EN511
  - A1 Cutting Level
  - Nylon/Lycra Liner
  - Better grip

**CUT LEVEL 3 NITRILE DIPPED GLOVES**

**ULTIMATE DURABILITY. ALL DAY COMFORT.**

- Cut Level 3 Nitrile Dipped Gloves
  - Cut Level 3 EN388
  - Cut Level 3 EN511
  - A3 Cutting Level
  - Best-In-Class Puncture Resistance
  - Color-Coded Bands

**CUT LEVEL 5 NITRILE DIPPED GLOVES**

**ULTIMATE DURABILITY. ALL DAY COMFORT.**

- Cut Level 5 Nitrile Dipped Gloves
  - Cut Level 5 EN388
  - Cut Level 5 EN511
  - A5 Cutting Level
  - Best-In-Class Puncture Resistance
  - Color-Coded Bands

**ANSI CUT LEVEL**

- S 48-73-0030 48-73-0030B
- M 48-73-0031 48-73-0031B
- L 48-73-0032 48-73-0032B
- XL 48-73-0033 48-73-0033B
- XXL 48-73-0034 48-73-0034B

- S 48-22-8910 48-22-8910B
- M 48-22-8911 48-22-8911B
- L 48-22-8912 48-22-8912B
- XL 48-22-8913 48-22-8913B
- XXL 48-22-8914 48-22-8914B

- S 48-22-8900 48-22-8900B
- M 48-22-8901 48-22-8901B
- L 48-22-8902 48-22-8902B
- XL 48-22-8903 48-22-8903B
- XXL 48-22-8904 48-22-8904B

- S 48-22-8930 48-22-8930B
- M 48-22-8931 48-22-8931B
- L 48-22-8932 48-22-8932B
- XL 48-22-8933 48-22-8933B
- XXL 48-22-8934 48-22-8934B

- S 48-22-8950 48-22-8950B
- M 48-22-8951 48-22-8951B
- L 48-22-8952 48-22-8952B
- XL 48-22-8953 48-22-8953B
- XXL 48-22-8954 48-22-8954B
CUT GLOVES

HIGH VISIBILITY CUT LEVEL 2 POLYURETHANE DIPPED GLOVES

**BETTER FIT. BETTER PROTECTION.**

**ANSI CUT LEVEL**

A2

**EN388** 3242B

**SMARTSWIPE™** Touch Screen Compatible Fingertips & Palms

**Durable Palm. Lightweight Design.**

**Light and Breathable Back**

**SMARTSWIPE™** Touch Screen Compatible Fingertips & Palms

**Polyurethane Better fit**

**Color-Coded Bands Easy cut rating identification**

**ANSL CUT LEVEL**

A3

**EN388** 4342C

**Impact Protection. Comfortable Leather.**

**Light and Breathable Back**

**SMARTSWIPE™** Touch Screen Compatible Fingertips & Palms

**Polyurethane Better fit**

**Color-Coded Bands Easy cut rating identification**

**ANSL CUT LEVEL**

A4

**EN388** 4043D

**Impact Protection. Comfortable Leather.**

**Light and Breathable Back**

**SMARTSWIPE™** Touch Screen Compatible Fingertips & Palms

**Polyurethane Better fit**

**Color-Coded Bands Easy cut rating identification**

**LEATHER PERFORMANCE GLOVES**

**SMARTSWIPE™** Touch Screen Compatible Fingertips & Palms

**Secure Loop & Closure**

**Reinforced Leather Palm Longer life**

**Terry Cloth Sweat Wipe**

**Soft Top Grain Goatskin Leather**

**Secure Hook & Loop Closure**

**Impact Rated Enhanced TPR**

**Soft Top Grain Goatskin Leather**

**Impact Rated Enhanced TPR**

**Secure Loop & Closure**

**Reinforced Palm Lasts longer**

**Keystone Thumb Added mobility**

**Soft Top Grain Goatskin Leather**

**Impact Rated Enhanced TPR**

**Secure Loop & Closure**

**Reinforced Palm Lasts longer**

**Keystone Thumb Added mobility**

**LEATHER PERFORMANCE & IMPACT CUT GLOVES**

**SMARTSWIPE™** Touch Screen Compatible Fingertips & Palms

**Secure Hook & Loop Closure**

**Reinforced Leather Palm Longer life**

**Terry Cloth Sweat Wipe**

**Soft Top Grain Goatskin Leather**

**Secure Loop & Closure**

**Impact Rated Enhanced TPR**

**Soft Top Grain Goatskin Leather**

**Impact Rated Enhanced TPR**

**Secure Loop & Closure**

**Reinforced Palm Lasts longer**

**Keystone Thumb Added mobility**

**LEATHER PERFORMANCE GLOVES**
## IMPACT CUT GLOVES

### IMPACT CUT LEVEL 3 NITRILE DIPPED GLOVES

**IMPACT PROTECTION. HIGH DEXTERITY.**

- **SMARTSWIPE™ Touch Screen Compatible Fingertips**
- **Nitrile Coated**
- **Better grip**
- **Impact Rated**
- **Enhanced TPR**
- **Color-Coded Bands**
- **Easy cut rating identification**

**Size** | 1 Pair | 12 Pair (Contractor Pack)
--- | --- | ---
S | 48-22-8970 | 48-22-8970B
M | 48-22-8971 | 48-22-8971B
L | 48-22-8972 | 48-22-8972B

### IMPACT CUT LEVEL 5 NITRILE DIPPED GLOVES

**IMPACT PROTECTION. HIGH DEXTERITY.**

- **SMARTSWIPE™ Touch Screen Compatible Fingertips**
- **Nitrile Coated**
- **Better grip**
- **Impact Rated**
- **Enhanced TPR**
- **Color-Coded Bands**
- **Easy cut rating identification**

**Size** | 1 Pair | 12 Pair (Contractor Pack)
--- | --- | ---
S | 48-73-8980 | 48-73-8980B
M | 48-73-8981 | 48-73-8981B
L | 48-73-8982 | 48-73-8982B
XL | 48-73-8983 | 48-73-8983B
XXL | 48-73-8984 | 48-73-8984B

## KNEE PADS

### LIGHTEST COMFORT

- **Debris Guard**
- **Water Resistant Cap**
- **Secure Adjustable Buckle**

### HARD CAP GEL

- **Thick Comfortable Foam**
- **Gel Zone Contoured fit**
- **Durable Cap**
- **Abrasion resistant**

### Model # | Description
--- | ---
48-73-6010 | Hard Cap Gel Knee Pads
48-73-6000 | Free-Flex Knee Pads
48-73-0010 | Hard Cap Gel Knee Pads

---

**Nitrile Coated**

**SMARTSWIPE™ Touchscreen Compatible Fingertips**

**Color Coded Bands**

**Easy Cut Rating Identification**

**Nitrile Coated**

**Better Grip**

**SMARTSWIPE™ Touchscreen Compatible Fingertips**

**Color Coded Bands**

**Easy Cut Rating Identification**

**Nitrile Coated**

**Better Grip**

**SMARTSWIPE™ Touchscreen Compatible Fingertips**

**Color Coded Bands**

**Easy Cut Rating Identification**

**Nitrile Coated**

**Better Grip**

**SMARTSWIPE™ Touchscreen Compatible Fingertips**

**Color Coded Bands**

**Easy Cut Rating Identification**

---

[Image of Milwaukee Tool Gloves]

[Image of Milwaukee Tool Knee Pads]

---

milwaukeetool.com
**PERFORMANCE**

**MAXIMUM COMFORT. LONGEST LASTING.**

- Robust, Durable Cap
- Abrasion resistant

**STABILIZER PERFORMANCE**

**MOST SECURE. MAXIMUM COMFORT.**

- Large Flat Cap
- Increased stability

**LOCKING TOOL LANYARDS**

**BEST SHOCK ABSORPTION**

- **ANSI/ISEA 121-18**

**QUICK-CONNECT LOCKING TOOL LANYARD SYSTEM**

**BEST SHOCK ABSORPTION**

- **ANSI/ISEA 121-18**

**KNEE PADS**

**MODEL # DESCRIPTION**

**48-73-6050**

- Stabilizer Performance Knee Pads
- Large Flat Cap
- Increased stability

**48-73-6030**

- Performance Knee Pads
- Robust, Durable Cap

**48-73-6040**

- Non-Mar性能 Performance Knee Pads
- Robust, Durable Cap

**1680D**

- Ballistic Nylon
- Durable Metal Rivets
- Dual Material Lower Strap
- Hinged Thigh Strap
- Better mobility

**1680D**

- Ballistic Nylon
- Durable Metal Rivets
- Dual Material Lower Strap
- Layered Gel Zone
- Absorbs pressure & supports knee

**Pressure Reducing Foam**

- Absorbs pressure & supports knee

**Hinged Thigh Strap**

- Better mobility

**Layered Gel Zone**

- Absorbs pressure & supports knee

**Dual Material Lower Strap**

- Robust, Durable Cap

**LANYARDS**

**BEST SHOCK ABSORPTION**

- **ANSI/ISEA 121-18**

**QUICK-CONNECT LOCKING TOOL LANYARD SYSTEM**

- **ANSI/ISEA 121-18**

**Part #**

<table>
<thead>
<tr>
<th>Weight Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8810</td>
<td>10 lbs Locking Tool Lanyard</td>
</tr>
<tr>
<td>48-22-8811</td>
<td>10 lbs 54” Extended Reach Locking Tool Lanyard</td>
</tr>
<tr>
<td>48-22-8812</td>
<td>15 lbs Locking Tool Lanyard</td>
</tr>
<tr>
<td>48-22-8813</td>
<td>10 lbs 72” Extended Reach Locking Tool Lanyard</td>
</tr>
<tr>
<td>48-22-8814</td>
<td>15 lbs 72” Extended Reach Locking Tool Lanyard</td>
</tr>
<tr>
<td>48-22-8815</td>
<td>15 lbs Locking Tool Lanyard</td>
</tr>
<tr>
<td>48-22-8816</td>
<td>15 lbs 54” Extended Reach Locking Tool Lanyard</td>
</tr>
<tr>
<td>48-22-8817</td>
<td>15 lbs 72” Extended Reach Locking Tool Lanyard</td>
</tr>
<tr>
<td>48-22-8850</td>
<td>35 lbs Locking Tool Lanyard</td>
</tr>
</tbody>
</table>

**Part #**

<table>
<thead>
<tr>
<th>Weight Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-0020</td>
<td>10 lbs Quick-Connect Locking Tool Lanyard</td>
</tr>
<tr>
<td>48-22-0022</td>
<td>10 lbs 3 Pc 10 lbs Quick-Connect Lanyard Accessory</td>
</tr>
<tr>
<td>48-22-0023</td>
<td>10 lbs 10 lbs Quick-Connect Lanyard Accessory</td>
</tr>
</tbody>
</table>
ANCHOR STRAP

**TETHER MORE TOOLS, MORE PLACES**

---

**WRIST LANYARDS**

**ALL DAY COMFORT**

---

**HARD HAT LANYARDS**

**BEST SHOCK ABSORPTION**

---

**TAPE & D-RING WEB ATTACHMENTS**

**EASILY CONNECT**

---

**SPLIT RINGS**

**EASILY CONNECT**

---

**Color-Coded**

Easy weight identification

Oversized D-Ring

Holds 5 carabiners

840D Abrasion Resistant Sleeve

50 lbs Maximum Working Capacity

---

**Model #** | **Weight Rating** | **Description**
---|---|---
48-22-8855 | 50 lbs | 50 lbs Anchor Strap

---

**Model #** | **Weight Rating** | **Description**
---|---|---
48-22-8830 | 5 lbs | 5 Pc Wrist Lanyard
48-22-8835 | 5 lbs | 5 lbs Quick-Connect Wrist Lanyard

---

**Model #** | **Weight Rating** | **Description**
---|---|---
48-22-8880 | 2 lbs | 5 Pc 2 lbs 3/4” Split Ring
48-22-8881 | 2 lbs | 5 Pc 2 lbs 1” Split Ring
48-22-8882 | 2 lbs | 5 Pc 2 lbs 1-1/2” Split Ring
48-22-8883 | 2 lbs | 5 Pc 2 lbs 2” Split Ring

---

**Model #** | **Weight Rating** | **Description**
---|---|---
48-22-8860 | 12' | Self-Adhering Tape
48-22-8870 | 5 lbs | 5 Pc 2 lbs D-Ring Web Attachment
48-22-8871 | 5 lbs | 5 Pc 2 lbs D-Ring Web Attachment

---

**Model #** | **Weight Rating** | **Description**
---|---|---
48-22-8800 | 5 lbs | Hard Hat Lanyard w/ Clip
48-22-8801 | 5 lbs | Hard Hat Lanyard w/ Loop

---

**Model #** | **Weight Rating** | **Description**
---|---|---
48-22-8800 | 5 lbs | Hard Hat Lanyard w/ Clip
48-22-8801 | 5 lbs | Hard Hat Lanyard w/ Loop

---

**Model #** | **Weight Rating** | **Description**
---|---|---
48-22-8880 | 2 lbs | 5 Pc 2 lbs 3/4” Split Ring
48-22-8881 | 2 lbs | 5 Pc 2 lbs 1” Split Ring
48-22-8882 | 2 lbs | 5 Pc 2 lbs 1-1/2” Split Ring
48-22-8883 | 2 lbs | 5 Pc 2 lbs 2” Split Ring

---

**Soft Adjustable Straps**

---

**Hawk and Loop Closure**

Added security

---

**Also Available:**

---

**Color-Coded**

Easy weight identification

Double Locking Carabiner

Integrated Swivel

---

**Also Available:**

---

**Easy Connection**

Adjustable buckle

Best Grip

Metal teeth

---

**EASILY CONNECT**

---

**Milwaukee Tool**

---

**ANSI/ISEA**

---

**121-18**

---

**121-18**

---

**ANSI/ISEA**

---

**121-18**

---

**ANSI/ISEA**

---

**121-18**

---

**ANSI/ISEA**

---

**121-18**

---
3-LAYER PERFORMANCE FACE MASK

ALL DAY COMFORT. BETTER FIT.

Model # Description
48-73-4234 3-Layer Performance Face Mask - S/M
48-73-4235 3Pk 3-Layer Performance Face Mask - S/M
48-73-4236 10Pk 3-Layer Performance Face Mask - S/M

Model # Description
48-73-4237 3-Layer Performance Face Mask - L/XL
48-73-4238 3Pk 3-Layer Performance Face Mask - L/XL
48-73-4239 10Pk 3-Layer Performance Face Mask - L/XL

Lightweight & Breathable

Model # Description
48-73-4234 Gray 2-Layer Face Mask
48-73-4235 5Pk Gray 2-Layer Face Mask
48-73-4236 10Pk Gray 2-Layer Face Mask

Model # Description
48-73-4237 Red 2-Layer Face Mask
48-73-4238 3Pk Red 2-Layer Face Mask
48-73-4239 10Pk Red 2-Layer Face Mask

Moisture Wicking
Stay cool, dry fast

Comfortable Adjustable Ear Loops

Flexible Nose Bridge

Structured Design
Separates mask from mouth

Soft Breathable Layers

Anti-Microbial
Prevents Odor Causing Bacteria

Water Repellent

Protective Barrier
Helps reduce the transmission of airborne contaminants

Red 2-Layer Face Mask
Also Available:

3-LAYER PERFORMANCE FACE MASK

ALL DAY COMFORT. BETTER FIT.

Model # Description
48-73-4234 3-Layer Performance Face Mask - S/M
48-73-4235 3Pk 3-Layer Performance Face Mask - S/M
48-73-4236 10Pk 3-Layer Performance Face Mask - S/M

Model # Description
48-73-4237 3-Layer Performance Face Mask - L/XL
48-73-4238 3Pk 3-Layer Performance Face Mask - L/XL
48-73-4239 10Pk 3-Layer Performance Face Mask - L/XL

Lightweight & Breathable

Model # Description
48-73-4234 Gray 2-Layer Face Mask
48-73-4235 5Pk Gray 2-Layer Face Mask
48-73-4236 10Pk Gray 2-Layer Face Mask

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48-73-4237 Red 2-Layer Face Mask
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48-73-4239 10Pk Red 2-Layer Face Mask

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