MILWAUKEE® HAND TOOLS AND STORAGE

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

**INDUSTRY'S MOST DURABLE TAPE MEASURE**

"Functional After 80' Drop on Packed Soil"

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-9916</td>
<td>16ft STUD™ Tape Measure</td>
</tr>
<tr>
<td>48-22-9925</td>
<td>25ft STUD™ Tape Measure</td>
</tr>
</tbody>
</table>

**MAGNETIC TAPE MEASURES**

**LONGEST LIFE**

Magnet Holds EMT and Steel Studs

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-7116</td>
<td>16ft Magnetic Tape Measure</td>
</tr>
<tr>
<td>48-22-7125</td>
<td>25ft Magnetic Tape Measure</td>
</tr>
<tr>
<td>48-22-7130</td>
<td>30ft Magnetic Tape Measure</td>
</tr>
<tr>
<td>48-22-7135</td>
<td>35ft Magnetic Tape Measure</td>
</tr>
<tr>
<td>48-22-7216</td>
<td>5m/16ft Magnetic Tape Measure</td>
</tr>
<tr>
<td>48-22-7225</td>
<td>8m/26ft Magnetic Tape Measure</td>
</tr>
</tbody>
</table>
# Tape Measures

## AUTO-LOCK TAPE MEASURES

**LONGEST LIFE**

![Auto-Lock Tape Measure Image](image)

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-6815</td>
<td>5m Tape Measure with Auto-Lock</td>
</tr>
<tr>
<td>48-22-6816</td>
<td>16ft Tape Measure with Auto-Lock</td>
</tr>
<tr>
<td>48-22-6817</td>
<td>5m/16ft Tape Measure with Auto-Lock</td>
</tr>
<tr>
<td>48-22-6818</td>
<td>8m Tape Measure with Auto-Lock</td>
</tr>
<tr>
<td>48-22-6825</td>
<td>25ft Tape Measure with Auto-Lock</td>
</tr>
<tr>
<td>48-22-6826</td>
<td>8m/16ft Tape Measure with Auto-Lock</td>
</tr>
</tbody>
</table>

## COMPACT TAPE MEASURES

**LONGEST LIFE**

![Compact Tape Measure Image](image)

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-5506</td>
<td>2m/6ft Keychain Tape Measure</td>
</tr>
<tr>
<td>48-22-6616</td>
<td>16ft Tape Measure</td>
</tr>
<tr>
<td>48-22-6625</td>
<td>25ft Tape Measure</td>
</tr>
<tr>
<td>48-22-6630</td>
<td>30ft Tape Measure</td>
</tr>
<tr>
<td>48-22-6612</td>
<td>12ft Tape Measure</td>
</tr>
<tr>
<td>48-22-6613</td>
<td>3m/12ft Tape Measure</td>
</tr>
<tr>
<td>48-22-6617</td>
<td>5m/16ft Tape Measure</td>
</tr>
<tr>
<td>48-22-6626</td>
<td>8m/26ft Tape Measure</td>
</tr>
</tbody>
</table>

Also Available:

- **Keychain Tape Measure**
  - 48-22-5506C

Nylon Bond Blade Protection

Auto-Lock Break
Automatically locks blade in place

5-Point Reinforced Frame

Optimized Hook
Design for scoring
## OPEN REEL LONG TAPES

### 50% LESS STRETCH

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-5201</td>
<td>100ft Open Reel Steel Long Tape with GRIME GUARD™ – 1/2” Blade</td>
</tr>
<tr>
<td>48-22-5230</td>
<td>300ft Open Reel Steel Long Tape with GRIME GUARD™ – 3/4” Blade</td>
</tr>
</tbody>
</table>

### GRIME GUARD™

- Industry’s First Blade Wiper
- 3:1 Metal Planetary Gears
- Prevents gear stripping & stress

### Nylon Bond

- Kink-Resistant Blade

---

## CLOSED REEL LONG TAPE

### LONGEST LIFE

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-5101</td>
<td>100ft Closed Reel Long Tape with GRIME GUARD™ – 1/2” Blade</td>
</tr>
</tbody>
</table>

### GRIME GUARD™

- Industry’s First Blade Wiper
- 3:1 Torque Dispersing Planetary Gears
- Prevents gear stripping & stress

### Nylon Coated Blade

- Reinforced Metal Frame

---

## MEASURING WHEELS

### MOST DURABLE. MOST ACCURATE.

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-5006</td>
<td>6” Measuring Wheel</td>
</tr>
<tr>
<td>48-22-5012</td>
<td>12” Measuring Wheel</td>
</tr>
</tbody>
</table>

### Debris Cleaning Wheel Flap

- Top Reset Button
- 12” Model
- Ergonomic Pistol Grip Design
- Trigger Brake
- Carrying Handle
- Reinforced Folding Point & Aluminum Frame
- Durable Wheel
- Reinforced Folding Kickstand
- Zero Point Indicator

### Also Available:

- 6” Measuring Wheel 48-22-5006
# REDSTICK™ BOX LEVELS

**MOST DURABLE. GUARANTEED ACCURACY.**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLBX16</td>
<td>16&quot; REDSTICK™ Box Level</td>
</tr>
<tr>
<td>MLBXM16</td>
<td>16&quot; REDSTICK™ Magnetic Box Level</td>
</tr>
<tr>
<td>MLBX24</td>
<td>24&quot; REDSTICK™ Box Level</td>
</tr>
<tr>
<td>MLBXM24</td>
<td>24&quot; REDSTICK™ Magnetic Box Level</td>
</tr>
<tr>
<td>MLBX32</td>
<td>32&quot; REDSTICK™ Box Level</td>
</tr>
<tr>
<td>MLBXM32</td>
<td>32&quot; REDSTICK™ Magnetic Box Level</td>
</tr>
<tr>
<td>MLBX36</td>
<td>36&quot; REDSTICK™ Box Level</td>
</tr>
<tr>
<td>MLBXM36</td>
<td>36&quot; REDSTICK™ Magnetic Box Level</td>
</tr>
<tr>
<td>MLBX48</td>
<td>48&quot; REDSTICK™ Box Level</td>
</tr>
<tr>
<td>MLBXM48</td>
<td>48&quot; REDSTICK™ Magnetic Box Level</td>
</tr>
<tr>
<td>MLBX59</td>
<td>59&quot; REDSTICK™ Box Level</td>
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<tr>
<td>MLBXM59</td>
<td>59&quot; REDSTICK™ Magnetic Box Level</td>
</tr>
<tr>
<td>MLBX72</td>
<td>72&quot; REDSTICK™ Box Level</td>
</tr>
<tr>
<td>MLBXM72</td>
<td>72&quot; REDSTICK™ Magnetic Box Level</td>
</tr>
</tbody>
</table>

# REDSTICK™ COMPACT BOX LEVELS

**COMPACT DURABILITY**

<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>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLCM72</td>
<td>72&quot; REDSTICK™ Compact Box Level</td>
</tr>
<tr>
<td>MLCMM72</td>
<td>72&quot; REDSTICK™ Magnetic Compact Box Level</td>
</tr>
<tr>
<td>MLCM48</td>
<td>48&quot; / 48&quot; REDSTICK™ Compact Box Level Set</td>
</tr>
<tr>
<td>MLCMM48</td>
<td>48&quot; / 48&quot; REDSTICK™ Magnetic Compact Box Level Set</td>
</tr>
</tbody>
</table>

**Key Features:**
- Amplified Rare-Earth Magnets
- High-Contrast Vial Surround
- Durable Overmold Handles
- Impact-Resistant Removable Endcaps
- Hang Hole
- All-Metal Reinforced BACKBONE™
- Milled Edges
- SHARPSITE™ Vial Technology
- Amplified Rare-Earth Vial Surround
CONCRETE LEVELS & TORPEDO LEVELS

REDSTICK™ CONCRETE LEVELS

BUILT FOR CONCRETE

SHARPSITE™ Vial Technology
Squared Edge
Rounded Edge
Magnesium Base
All Metal Core
Ergonomic Keyhole Frame
Screeding and striking

Model # | Description
--- | ---
MLCON24 | 24” REDSTICK™ Concrete Level
MLCON48 | 48” REDSTICK™ Concrete Level
MLCON72 | 72” REDSTICK™ Concrete Level

BILLET TORPEDO LEVELS

STRONGEST MAGNETS. EASIEST PITCH SET.

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

Model # | Description
--- | ---
48-22-5107 | Billet Torpedo Level
48-22-5207 | Metric Billet Torpedo Level

BLOCK TORPEDO LEVEL

STRONGEST MAGNETS. 360° ACCURACY.

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

Model # | Description
--- | ---
48-22-5210 | Block Torpedo Level
48-22-5102 | Pocket Level
LASER DISTANCE METERS

EASIEST MEASUREMENTS

LASER DISTANCE METERS

CHALK REELS

LONGEST GEAR LIFE. BEST PERFORMANCE.

FOLDING RULES

MOST DURABLE MARKINGS & BLADES

Model # | Description
--- | ---
48-22-3801 | 6-1/2ft Composite Folding Rule
48-22-3802 | 150ft Engineer’s Composite Folding Rule

Model # | Description
--- | ---
48-22-9801 | 65ft Laser Distance Meter
48-22-9802 | 130ft Laser Distance Meter
48-22-9803 | 330ft Laser Distance Meter

Model # | Description
--- | ---
48-22-3980 | Bold Line Chalk Reel
48-22-3982 | Bold Line Chalk Reel & Blue Chalk Refill
48-22-3986 | Bold Line Chalk Reel & Red Chalk Refill
48-22-3989 | Bold Replacement Line

Model # | Description
--- | ---
48-22-3990 | Fine Line Chalk Reel
48-22-3992 | Fine Line Chalk Reel & Blue Chalk Refill
48-22-3993 | Chalk Reel Kit with Blue Chalk Refill
48-22-3999 | Fine Replacement Line

Model # | Description
--- | ---
48-22-3861 | 6-1/2ft Composite Folding Rule
48-22-3862 | 6-1/2ft Engineer’s Composite Folding Rule

Water & Scratch Resistant Laminate

StripGuard™ Clutch & Planetary Gears

2” Backlit Color Screen

2-Position Auto-Detecting Lever

Impact-Resistant Overmolding

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

6X Faster Retraction

1.5mm High-Strength Braided Line

0.9mm High-Strength Braided Line

Aluminum Body Fine line model only

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

Heat-Stamped Markings Won’t wear

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

Simplified User Interface

Continuous Real-Time Measurements

milwaukee.com
### INKZALL® JOBSITE MARKERS

**WRITES ON**
- Dust
- Wet
- Oily Surfaces

Clog Resistant

**Model #** | **Description**
---|---
48-22-3150 | 12 Pc INKZALL™ Ultra Fine Point Black Markers
48-22-3154 | 4 Pc INKZALL™ Ultra Fine Point Black Markers
48-22-3104 | 4 Pc INKZALL™ Fine Point Black Marker
48-22-3105 | 2 Pc INKZALL™ Fine Point Black Markers
48-22-3107 | 8 Pc INKZALL™ Fine Point Color Marker
48-22-3106 | 4 Pc INKZALL™ Fine Point Color Marker
48-22-3101 | INKZALL™ Stylus and Fine Point Black Marker
48-22-3102 | 2 Pc INKZALL™ Medium Point Black Marker

**Model #** | **Description**
---|---
48-22-3103 | INKZALL™ Chisel Tip Black Marker
48-22-3109 | 4 Pc INKZALL™ Chisel Tip Color Marker
48-22-3100 | INKZALL™ Fine Point Black Markers (Bulk 36 Pc)
48-22-3130 | INKZALL™ Chisel Tip Black Marker (Bulk 36 Pc)
48-22-3170 | INKZALL™ Fine Point Red Markers (Bulk 36 Pc)
48-22-3180 | INKZALL™ Fine Point Blue Markers (Bulk 36 Pc)
48-22-3190 | INKZALL™ Fine Point Green Markers (Bulk 36 Pc)

### INKZALL® METALLIC MARKERS

Visible On Dark Surfaces

**Model #** | **Description**
---|---
48-22-3121 | 2 Pc INKZALL™ Fine Point Silver Metallic Marker
48-22-3122 | 2 Pc INKZALL™ Fine Point Gold Metallic Marker
48-22-3123 | 2 Pc INKZALL™ Fine Point Silver/Gold Metallic Marker
## INKZALL™ LIQUID PAINT MARKERS

### BLEED & SMEAR RESISTANT

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

Marks on Surfaces up to 300°F

### INKZALL™ JOBSITE PENS

#### SHARP, PRECISE LINES

- Clog Resistant Tip
- Ultra Fine Point

### INKZALL™ JOBSITE HIGHLIGHTERS

#### UP TO 4X LONGER LIFE

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

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

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

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

### Model # | Description
---|---
48-22-3201 | 5 Pc INKZALL™ Chisel Tip Yellow Highlighter
48-22-3206 | 5 Pc INKZALL™ Chisel Tip Colored Highlighter
**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&quot; Comfort Grip Straight Jaw Pliers</td>
<td>1&quot;</td>
<td>3/4&quot;</td>
</tr>
<tr>
<td>48-22-6310</td>
<td>10&quot; Comfort Grip Straight Jaw Pliers</td>
<td>2&quot;</td>
<td>2&quot;</td>
</tr>
<tr>
<td>48-22-6312</td>
<td>12&quot; Comfort Grip Straight Jaw Pliers</td>
<td>2-1/4&quot;</td>
<td>2-3/4&quot;</td>
</tr>
<tr>
<td>48-22-6316</td>
<td>16&quot; Comfort Grip Straight Jaw Pliers</td>
<td>4-1/4&quot;</td>
<td>3&quot;</td>
</tr>
<tr>
<td>48-22-6320</td>
<td>20&quot; Comfort Grip Straight Jaw Pliers</td>
<td>5-1/2&quot;</td>
<td>3-1/2&quot;</td>
</tr>
<tr>
<td>48-22-6330</td>
<td>2 Pc 6&quot; &amp; 10&quot; Comfort Grip Straight Jaw Pliers Set</td>
<td>1&quot; &amp; 2&quot;</td>
<td>3/4&quot; &amp; 2&quot;</td>
</tr>
<tr>
<td>48-22-6331</td>
<td>3 Pc Comfort Grip Pliers Set</td>
<td>2&quot;</td>
<td>2&quot;</td>
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</table>

**STRAIGHT 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&quot; Straight Jaw Pliers</td>
<td>2&quot;</td>
<td>2&quot;</td>
</tr>
<tr>
<td>48-22-6512</td>
<td>12&quot; Straight Jaw Pliers</td>
<td>2-1/4&quot;</td>
<td>2-3/4&quot;</td>
</tr>
</tbody>
</table>

**SMOOTH JAW PLIERS**

**SMOOTH JAW PROTECTS SURFACES**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Jaw Capacity</th>
<th>Reaming Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-6550</td>
<td>10&quot; Smooth Jaw Pliers</td>
<td>2&quot;</td>
<td>2&quot;</td>
</tr>
<tr>
<td>48-22-6552</td>
<td>12&quot; Smooth Jaw Pliers</td>
<td>2-1/4&quot;</td>
<td>2-3/4&quot;</td>
</tr>
</tbody>
</table>
FASTENING & CUTTING PLIERS

V-JAW PLIERS

HEX JAW
BEST FIT. STRONG HOLD.

<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&quot; Comfort Grip V-Jaw Pliers</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
</tr>
<tr>
<td>48-22-6210</td>
<td>10&quot; Comfort Grip V-Jaw Pliers</td>
<td>2&quot;</td>
<td>2&quot;</td>
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</tbody>
</table>

LINEMAN’S PLIERS

MAXIMUM LEVERAGE. EASIER CUTS.*

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-6100</td>
<td>Comfort Grip High-Leverage Lineman’s Pliers with Crimper</td>
</tr>
<tr>
<td>48-22-6500</td>
<td>High-Leverage Lineman’s Pliers with Crimper</td>
</tr>
<tr>
<td>48-22-6502</td>
<td>High-Leverage Lineman’s Pliers</td>
</tr>
<tr>
<td>48-22-6503</td>
<td>High-Leverage Lineman’s Pliers with Thread Cleaner</td>
</tr>
</tbody>
</table>

ANGLED HEAD PLIERS

BETTER ACCESS

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-6128</td>
<td>8&quot; Comfort Grip Angled Head Diagonal Cutting Pliers</td>
</tr>
<tr>
<td>48-22-6528</td>
<td>8&quot; Angled Head Diagonal Cutting Pliers</td>
</tr>
</tbody>
</table>

* When compared to other ACSR cutting lineman pliers

![Comfort Grip High-Leverage Lineman’s Pliers](48-22-6100)

![8" Angled Head Diagonal Cutting Pliers](48-22-6528)
**LONG NOSE PLIERS**

**LONG REACH**

- **Model #** 48-22-6101
- **Description** 8” Comfort Grip Long Nose Pliers
- **Model #** 48-22-6501
- **Description** 8” Long Nose Pliers

**DIAGONAL PLIERS**

**UP TO 2X MORE CUTS**

**IRON-CARBIDE EDGE**

- **Model #** 48-22-6106
- **Description** 6” Comfort Grip Diagonal Cutting Pliers
- **Model #** 48-22-6107
- **Description** 7” Comfort Grip Diagonal Cutting Pliers
- **Model #** 48-22-6108
- **Description** 8” Comfort Grip Diagonal Cutting Pliers
- **Model #** 48-22-6508
- **Description** 8” Diagonal Cutting Pliers

Also Available:

- **8” Long Nose Pliers**
  - **Model #** 48-22-6501

- **8” Diagonal Cutting Pliers**
  - **Model #** 48-22-6508
COMBINATION & MULTI-FUNCTION PLIERS

6 IN 1 COMBINATION PLIERS

6 in 1

Model # | Description                                      | Wire Stripper                  |
---------|--------------------------------------------------|-------------------------------|
48-22-3079 | 6in1 Comfort Grip Combination Pliers              | 8-18 AWG Solid, 10-20 AWG Stranded |

MULTI-FUNCTION

FAST, ONE-HANDED OPERATION

Model # | Description                                      | Wire Stripper                  |
---------|--------------------------------------------------|-------------------------------|
48-22-6109 | Wire Stripper                                    | 10-18 AWG Solid, 12-20 AWG Stranded |
48-22-6579 | Multi-Purpose Wire Stripper with Crimper          | 10-20 AWG Solid, 12-22 AWG Stranded |
APPLICATION SPECIFIC PLIERS

IRONWORKER’S

UP TO 2X MORE CUTS

IRON-CARBIDE EDGE

For Twisting & Cutting Rebar Ties

Model # | Description
---|---
48-22-6102 | Ironworker’s Pliers

CRIMPING

UP TO 2X CRIMPING FORCE

Reaming Head

Wire Cutter

Crimper for Insulated & Non-Insulated Terminals

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

CABLE CUTTING

CLEAN CUTS

Comfort Grips Will not peel

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

PVC / OIL FILTER

3-1/2" JAW CAPACITY

Comfort Grips Will not peel

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

NIPPING

CURVED HEAD PROTECTS SURFACES

Cuts up to 2/0 Cu, 4/0 Al

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

FENCING

FORGED STRENGTH

Staple Puller

Wire Crimper

Hammer

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

Blades Will Not Mar Surfaces

Comfort Grips Will not peel
# TORQUE LOCK™ PLIERS, C-CLAMPS & SPECIALTY

## TORQUE LOCK™
**FASTER SET-UP**

## LOCKING PLIERS WITH MAX BITE™
**MAX BITE™**
**3X GRIPPING FORCE**

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

## LOCKING PLIERS

### CURVED JAW
Maximizes pressure points for any bolt, nut or locking tool application

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-3405</td>
<td>5” Curved Jaw Locking Pliers with Grip</td>
</tr>
<tr>
<td>48-22-3407</td>
<td>7” Curved Jaw Locking Pliers with Grip</td>
</tr>
<tr>
<td>48-22-3410</td>
<td>10” Curved Jaw Locking Pliers with Grip</td>
</tr>
<tr>
<td>48-22-3406</td>
<td>6” Long Nose Locking Pliers with Grip</td>
</tr>
<tr>
<td>48-22-3409</td>
<td>9” Long Nose Locking Pliers with Grip</td>
</tr>
<tr>
<td>48-22-3807</td>
<td>7” Straight Jaw Locking Pliers with Grip</td>
</tr>
<tr>
<td>48-22-3810</td>
<td>10” Straight Jaw Locking Pliers with Grip</td>
</tr>
<tr>
<td>48-22-3402</td>
<td>2 Pcs 7” &amp; 10” Curved Jaw Locking Pliers with Grip Set</td>
</tr>
<tr>
<td>48-22-3602</td>
<td>2 Pcs 6” Long Nose &amp; 10” Curved Jaw Locking Pliers Set</td>
</tr>
<tr>
<td>48-22-3423</td>
<td>4” Curved Jaw Locking Pliers</td>
</tr>
<tr>
<td>48-22-3422</td>
<td>5” Curved Jaw Locking Pliers</td>
</tr>
<tr>
<td>48-22-3421</td>
<td>7” Curved Jaw Locking Pliers</td>
</tr>
</tbody>
</table>

### STRAIGHT JAW
Maximizes contact points on jobsite work surfaces

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-3420</td>
<td>10” Curved Jaw Locking Pliers</td>
</tr>
<tr>
<td>48-22-3504</td>
<td>4” Long Nose Locking Pliers</td>
</tr>
<tr>
<td>48-22-3506</td>
<td>6” Long Nose Locking Pliers</td>
</tr>
<tr>
<td>48-22-3507</td>
<td>7” Straight Jaw Locking Pliers</td>
</tr>
<tr>
<td>48-22-3509</td>
<td>9” Long Nose Locking Pliers</td>
</tr>
<tr>
<td>48-22-3510</td>
<td>10” Straight Jaw Locking Pliers</td>
</tr>
<tr>
<td>48-22-3541</td>
<td>12” Large Jaw Locking Pliers</td>
</tr>
<tr>
<td>48-22-3523</td>
<td>9” Deep Reach Swivel Jaw Locking C-Clamp</td>
</tr>
<tr>
<td>48-22-3533</td>
<td>9” Deep Reach Locking C-Clamp</td>
</tr>
<tr>
<td>48-22-3531</td>
<td>11” Locking C-Clamp</td>
</tr>
<tr>
<td>48-22-3632</td>
<td>6” Locking C-Clamp</td>
</tr>
</tbody>
</table>

### LONG NOSE
Best for long reach applications

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>48-22-3529</td>
<td>18” Deep Reach Locking C-Clamp</td>
</tr>
<tr>
<td>48-22-3530</td>
<td>18” Locking C-Clamp</td>
</tr>
<tr>
<td>48-22-3540</td>
<td>8” Locking Seamer</td>
</tr>
<tr>
<td>48-22-3542</td>
<td>9” Locking Chain Wrench</td>
</tr>
<tr>
<td>48-22-3543</td>
<td>9” Locking Welding Clamp</td>
</tr>
</tbody>
</table>

## C-CLAMPS & SPECIALTY

### STANDARD JAW C-CLAMP
Greater clamping versatility on a variety of shapes and surfaces

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-3521</td>
<td>11” Swivel Jaw Locking C-Clamp</td>
</tr>
<tr>
<td>48-22-3522</td>
<td>6” Swivel Jaw Locking C-Clamp</td>
</tr>
<tr>
<td>48-22-3531</td>
<td>11” Locking C-Clamp</td>
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<tr>
<td>48-22-3532</td>
<td>6” Locking C-Clamp</td>
</tr>
<tr>
<td>48-22-3520</td>
<td>18” Swivel Jaw Locking C-Clamp</td>
</tr>
</tbody>
</table>

### SWIVEL JAW C-CLAMP
Pads provide surface stabilization and protect work surfaces from damage

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-3529</td>
<td>18” Deep Reach Locking C-Clamp</td>
</tr>
<tr>
<td>48-22-3530</td>
<td>18” Locking C-Clamp</td>
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<tr>
<td>48-22-3540</td>
<td>8” Locking Seamer</td>
</tr>
<tr>
<td>48-22-3542</td>
<td>9” Locking Chain Wrench</td>
</tr>
<tr>
<td>48-22-3543</td>
<td>9” Locking Welding Clamp</td>
</tr>
</tbody>
</table>

milwaukeeetool.com 15
PIPE WRENCHES

CHEATER ADAPTABLE PIPE WRENCH

3 LENGTH DESIGN

- 24" MAXIMUM LEVERAGE
- 18" GENERAL PURPOSE
- 10" TIGHT SPACES

Dual Coil Spring Design
Increased durability and life

Largest Gripping Surface

Threaded Fit & Security

Model # | Description | Material | Max Jaw Capacity
--- | --- | --- | ---
48-22-7314 | CHEATER Adaptable Pipe Wrench | Steel | 2-1/2"

10L ALUMINUM PIPE WRENCH WITH POWERLENGTH™ HANDLE

BETTER ACCESS.
MAXIMUM LEVERAGE.

POWERLENGTH™
High Leverage Handle

Lanyard Hole

Model # | Description | Material | Max Jaw Capacity
--- | --- | --- | ---
48-22-7313 | 10L Aluminum Pipe Wrench w/POWERLENGTH™ Handle | Aluminum | 1-1/2"

STEEL & ALUMINUM PIPE WRENCHES

LARGEST GRIP SURFACE

Dual Coil Spring Design
Increased durability and life

Lanyard Hole

Model # | Description | Material | Max Jaw Capacity
--- | --- | --- | ---
48-22-7106 | 6" Steel Pipe Wrench | Steel | 3/4"
48-22-7108 | 8" Steel Pipe Wrench | Steel | 1"
48-22-7110 | 10" Steel Pipe Wrench | Steel | 1-1/2"
48-22-7112 | 12" Steel Pipe Wrench | Steel | 2"
48-22-7114 | 14" Steel Pipe Wrench | Steel | 2"
48-22-7118 | 18" Steel Pipe Wrench | Steel | 2-1/2"
48-22-7124 | 24" Steel Pipe Wrench | Steel | 3"
48-22-7136 | 36" Steel Pipe Wrench | Steel | 5"
48-22-7148 | 48" Steel Pipe Wrench | Steel | 6"
48-22-7160 | 60" Steel Pipe Wrench | Steel | 8"
48-22-7210 | 10" Aluminum Pipe Wrench | Aluminum | 1-1/2"
48-22-7212 | 12" Aluminum Pipe Wrench | Aluminum | 2"
48-22-7214 | 14" Aluminum Pipe Wrench | Aluminum | 2"
48-22-7218 | 18" Aluminum Pipe Wrench | Aluminum | 2-1/2"
48-22-7224 | 24" Aluminum Pipe Wrench | Aluminum | 3"
48-22-7236 | 36" Aluminum Pipe Wrench | Aluminum | 5"
48-22-7248 | 48" Aluminum Pipe Wrench | Aluminum | 6"
STEEL OFFSET HEX PIPE WRENCH

SMOOTH JAW WON’T MAR SURFACES

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</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>Steel</td>
<td>2-5/8&quot;</td>
</tr>
</tbody>
</table>

Protects Chrome Surfaces

Offset Jaw
Better Access

Secure Grip
Up to 3 points of contact

Smooth Jaws

STEEL SMOOTH JAW PIPE WRENCH

SMOOTH JAW PROTECTS SURFACES

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Material</th>
<th>Max Jaw Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-7186</td>
<td>12” Steel Smooth Jaw Pipe Wrench</td>
<td>Steel</td>
<td>2-5/8&quot;</td>
</tr>
</tbody>
</table>

Protects Chrome Surfaces

Smooth Jaws

Parallel Grip

Lanyard Hole

ALUMINUM OFFSET HEX PIPE WRENCHES

BETTER ACCESS

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Material</th>
<th>Max Jaw Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-7182</td>
<td>14” Aluminum Offset Pipe Wrench</td>
<td>Aluminum</td>
<td>2”</td>
</tr>
<tr>
<td>48-22-7184</td>
<td>18” Aluminum Offset Pipe Wrench</td>
<td>Aluminum</td>
<td>2”</td>
</tr>
<tr>
<td>48-22-7185</td>
<td>24” Aluminum Offset Pipe Wrench</td>
<td>Aluminum</td>
<td>3”</td>
</tr>
</tbody>
</table>

Offset Head

Lanyard Hole

Ergonomic Handle
ADJUSTABLE & BASIN WRENCHES

ADJUSTABLE WRENCHES

JAWS WON’T BACK OFF
Proprietary Screw

Perfectly Parallel Jaws

Chrome Plated Rust Protection

Ergonomic Handle

Lanyard Hole

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

BASIN WRENCHES

EASIEST SWAP-OUTS

Ratchet-Ready
Less jaw readjusting

Screwdriver-Ready
Up to 2x breakaway torque

Smoothest Length Adjustment

10”–17” Telescoping Shank

Comfortable Handle

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-7001</td>
<td>1-1/4” Basin Wrench</td>
</tr>
<tr>
<td>48-22-7002</td>
<td>2-1/2” Basin Wrench</td>
</tr>
</tbody>
</table>
### CONTRACTOR RATCHET & SOCKET SETS

**VERSATILE DESIGN.**
**BETTER ACCESS.**

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

### AUTOMOTIVE RATCHET & SOCKET SETS

**MOST VERSATILE SOCKETS.**
**ANTI-ROLL, WRENCH-READY.**

<table>
<thead>
<tr>
<th>MET Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-9404</td>
<td>26 Pc 1/4&quot; SAE Drive Ratchet &amp; Sockets with FOUR FLAT™ Sides</td>
</tr>
<tr>
<td>48-22-9408</td>
<td>28 Pc 3/8&quot; SAE Drive Ratchet &amp; Sockets with FOUR FLAT™ Sides</td>
</tr>
<tr>
<td>48-22-9504</td>
<td>28 Pc 1/4&quot; Metric Drive Ratchet &amp; Sockets with FOUR FLAT™ Sides</td>
</tr>
<tr>
<td>48-22-9014</td>
<td>1/4&quot; Drive Ratchet</td>
</tr>
<tr>
<td>48-22-9508</td>
<td>32 Pc 3/8&quot; Metric Drive Ratchet &amp; Sockets with FOUR FLAT™ Sides</td>
</tr>
<tr>
<td>48-22-9004</td>
<td>50 Pc Metric &amp; SAE 1/4&quot; Drive Ratchet &amp; Sockets with FOUR FLAT™ Sides</td>
</tr>
<tr>
<td>48-22-9008</td>
<td>56 Pc Metric &amp; SAE 3/8&quot; Drive Ratchet &amp; Sockets with FOUR FLAT™ Sides</td>
</tr>
<tr>
<td>48-22-9038</td>
<td>3/8&quot; Drive Ratchet</td>
</tr>
</tbody>
</table>
### COMBINATION WRENCHES

**BETTER ACCESS. LONGEST LIFE.**

#### MAX BITE™

- Anti-Slip Open End
- Ink-Filled Sizes (Easy identification)
- Comfortable I-Beam Handle
- Chrome Plated Rust Protection
- 144 Ratcheting Positions
- 2.5° Arc Swing

#### Included Sizes

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Included Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-9506</td>
<td>7 Pc Metric Ratcheting Combination Wrench Set</td>
<td>8mm, 10mm, 12mm, 13mm, 14mm, 15mm</td>
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<tr>
<td>48-22-9516</td>
<td>15 Pc Metric Ratcheting Combination Wrench Set</td>
<td>8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm</td>
</tr>
</tbody>
</table>

### COMBINATION WRENCHES

**UP TO 25% MORE TORQUE**

#### MAX BITE™

- Anti-Slip Open End
- Ink-Filled Sizes (Easy identification)
- Comfortable I-Beam Handle
- 12 Pt Box End

#### Included Sizes

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

### PRY BARS

**UP TO 40% MORE PRYING STRENGTH**

#### I-BEAM DESIGN

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

#### Included Lengths

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

UP TO

50% MORE DURABLE

ALL-METAL CORE

Hook and Pick Set

Includes

4 Pc Hook and Pick Set

Straight Pick, Offset Hook, Hook, 90° Hook

10 IN 1 MULTI-BIT / KEY DRIVERS

10in1

Model # | Description | Nut Drivers | Bit Types
---|---|---|---
48-22-2101 | 10x1 Multi-Bit Driver w/ ECX™ | 1/4" | P#1, P#2, SL 3/16", SL 1/4", SQ#2, ECX™#1, ECX™#2
48-22-2102 | 10x1 Square Multi-Bit Driver | 1/4" | P#1, P#2, SL 3/16", SL 1/4", SQ#1, SQ#2, SQ#3
48-22-2301 | 10x1 Ratchet Multi-Bit Driver w/ ECX™ | 1/4" | P#1, P#2, SL 3/16", SL 1/4", SD#2, ECX™#1, ECX™#2
48-22-2302 | 10x1 Ratchet Multi-Bit Driver w/ Square | 1/4" | P#1, P#2, SL 3/16", SL 1/4", SQ#1, SQ#2, SQ#3
48-22-2103 | 10x1 TORX® Key Driver | 1/4" | T8, T10, T15, T20, T25, T27, T30
48-22-2104 | 10x1 SAE Hex Key Driver | 1/4" | 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"
48-22-2106 | 10x1 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#1, ECX™#1

8 IN 1 COMPACT MULTI-BIT DRIVERS

8in1

Model # | Description | Nut Drivers | Bit Types
---|---|---|---
48-22-2120 | Compact 8x1 Multi-Bit Driver | 1/4" | P#1, P#2, SL 3/16", SL 1/4", SQ#1, SQ#2, T15
48-22-2320 | Compact 8x1 Ratchet Multi-Bit Driver | 1/4" | P#1, P#2, SL 3/16", SL 1/4", SQ#1, SQ#2, T15
MULTI-BIT DRIVERS & SCREWDRIVERS

11 IN 1 MULTI-BIT DRIVERS

11 in 1 Cushion-Grip Screwdriver

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

13 IN 1 CUSHION-GRIP SCREWDRIVERS

13 in 1 Cushion-Grip Screwdriver

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Nut Drivers</th>
<th>Bit Types</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-2880</td>
<td>13 in 1 Cushion-Grip Screwdriver</td>
<td>1/4&quot;, 5/16&quot;, 3/8&quot;</td>
<td>P#1, P#2, SL 3/16&quot;, SL 1/4&quot;, SQ#1, SQ#2, ECX™#1, ECX™#2</td>
</tr>
<tr>
<td>48-22-2881</td>
<td>13 in 1 Cushion-Grip Screwdriver w/ Schrader® Bit</td>
<td>1/4&quot;, 5/16&quot;, 3/8&quot;, 1/2&quot;</td>
<td>P#1, P#2, SL 3/16&quot;, SL 1/4&quot;, SQ#1, SQ#2, Std Schrader®, Large Schrader®</td>
</tr>
</tbody>
</table>

ECX™ Bit

Schrader® Valve Core Remover

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

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

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Bit Types</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-2702</td>
<td>2 Pc Demolition Screwdriver Set</td>
<td>P#2, SL 5/16&quot;</td>
</tr>
<tr>
<td>48-22-2706</td>
<td>6 Pc Screwdriver Set</td>
<td>P#1, P#2, SL 3/16&quot;, SL 1/4&quot;, SL 5/16&quot;</td>
</tr>
<tr>
<td>48-22-2708</td>
<td>8 Pc Screwdriver Set w/ ECX™</td>
<td>P#1, P#2, SL 3/16&quot;, SL 1/4&quot;, SL 5/16&quot;, ECX™#1, ECX™#2</td>
</tr>
<tr>
<td>48-22-2710</td>
<td>10 Pc Screwdriver Set</td>
<td>P#1, P#2, SL 3/16&quot;, SL 1/4&quot;, SL 5/16&quot;, SQ#1, SQ#2</td>
</tr>
<tr>
<td>48-22-2718</td>
<td>8 Pc Screwdriver Set w/ Square</td>
<td>P#1, P#2, SL 3/16&quot;, SL 1/4&quot;, SL 5/16&quot;, SQ#1, SQ#2</td>
</tr>
<tr>
<td>48-22-2700</td>
<td>Bottle Opener</td>
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</tbody>
</table>

**CUSHION-GRIP SCREWDRIVERS**

**MOST DURABLE HANDLE. PRECISION TIP.**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Bit Types</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-2811</td>
<td>#1 Phillips (3&quot;)</td>
<td></td>
</tr>
<tr>
<td>48-22-2812</td>
<td>#2 Phillips (4&quot;)</td>
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</tr>
<tr>
<td>48-22-2813</td>
<td>#3 Phillips (6&quot;)</td>
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</tr>
<tr>
<td>48-22-2814</td>
<td>#2 Phillips (10&quot;)</td>
<td></td>
</tr>
<tr>
<td>48-22-2815</td>
<td>#2 Phillips (6&quot;) Cushion-Grip Demolition Screwdriver</td>
<td></td>
</tr>
<tr>
<td>48-22-2821</td>
<td>1/4&quot; Slotted (4&quot;)</td>
<td></td>
</tr>
<tr>
<td>48-22-2822</td>
<td>5/16&quot; Slotted (6&quot;)</td>
<td></td>
</tr>
<tr>
<td>48-22-2824</td>
<td>3/8&quot; Slotted (8&quot;)</td>
<td></td>
</tr>
<tr>
<td>48-22-2831</td>
<td>3/16&quot; Cabinet (3&quot;)</td>
<td></td>
</tr>
<tr>
<td>48-22-2832</td>
<td>3/16&quot; Cabinet (6&quot;)</td>
<td></td>
</tr>
<tr>
<td>48-22-2833</td>
<td>3/16&quot; Cabinet (8&quot;)</td>
<td></td>
</tr>
<tr>
<td>48-22-2834</td>
<td>1/4&quot; Cabinet (10&quot;)</td>
<td></td>
</tr>
<tr>
<td>48-22-2841</td>
<td>#1 ECX™ (4&quot;)</td>
<td></td>
</tr>
<tr>
<td>48-22-2842</td>
<td>#2 ECX™ (4&quot;)</td>
<td></td>
</tr>
<tr>
<td>48-22-2851</td>
<td>#1 Square (3&quot;)</td>
<td></td>
</tr>
<tr>
<td>48-22-2852</td>
<td>#2 Square (4&quot;)</td>
<td></td>
</tr>
<tr>
<td>48-22-2853</td>
<td>#3 Square (6&quot;)</td>
<td></td>
</tr>
<tr>
<td>48-22-2884</td>
<td>4 Pc Set</td>
<td></td>
</tr>
<tr>
<td>48-22-2886</td>
<td>6 Pc Set</td>
<td></td>
</tr>
</tbody>
</table>

**DEMO DRIVER**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-2860</td>
<td>Demo Driver</td>
</tr>
<tr>
<td>48-22-2823</td>
<td>Slotted 5/16&quot; 6&quot; Cushion-Grip Demolition Screwdriver</td>
</tr>
<tr>
<td>48-22-2825</td>
<td>Slotted 3/8&quot; 8&quot; Cushion-Grip Demolition Screwdriver</td>
</tr>
</tbody>
</table>

Anti-Peel Design Cushion Grips

Aggressive Duct Piercing Tip

Tactile Identification Easy recognition without looking

Wrench Ready Bolster Increased torque

Custom Machined Tips Prevent cam-out

Knurled Shank Increase tool control

Comfortable Tri-Lobe Handle

Strong Magnetic Tips

Lanyard Hole

Wrench-Ready Shank

Also Available:

Bottle Opener 48-22-2700

Milwaukee Tool 100-Year Anniversary

Durable, Comfortable, and Reliable Tools

Also Available:

 milwaukeeetool.com 23
## 1000V Insulated Screwdrivers

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Bit Types, Carrying Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-2211</td>
<td>#1 Phillips (3&quot;)</td>
<td>#1 ECX™, ECX™ #1</td>
</tr>
<tr>
<td>48-22-2212</td>
<td>#2 Phillips (4&quot;)</td>
<td></td>
</tr>
<tr>
<td>48-22-2213</td>
<td>#3 Phillips (6&quot;)</td>
<td></td>
</tr>
<tr>
<td>48-22-2221</td>
<td>1/4&quot; Slotted (8&quot;)</td>
<td></td>
</tr>
<tr>
<td>48-22-2222</td>
<td>5/16&quot; Slotted (7&quot;)</td>
<td></td>
</tr>
<tr>
<td>48-22-2223</td>
<td>3/8&quot; Slotted (8&quot;)</td>
<td></td>
</tr>
<tr>
<td>48-22-2224</td>
<td>3/8&quot; Slotted (10&quot;)</td>
<td></td>
</tr>
<tr>
<td>48-22-2225</td>
<td>3/16&quot; Cabinet (4&quot;)</td>
<td></td>
</tr>
</tbody>
</table>

## Precision Screwdrivers

**Up to 4x Stronger**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Bit Types</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-2604</td>
<td>4 Pc Precision Screwdriver Set</td>
<td>#1, SL 1/16&quot;, SL 3/32&quot;, SL 1/8&quot;</td>
</tr>
<tr>
<td>48-22-2606</td>
<td>6 Pc Precision Screwdriver Set</td>
<td>#1, #2, SL 1/16&quot;, SL 3/32&quot;, SL 1/8&quot;, SL 5/32&quot;</td>
</tr>
<tr>
<td>48-22-2610</td>
<td>6 Pc TORX® Precision Screwdriver Set</td>
<td>T6, T7, T8, T9, T10, T15</td>
</tr>
</tbody>
</table>
# HOLLOWCORE™ MAGNETIC NUT DRIVERS

**UNLIMITED DEPTH**

**FITS 4X MORE FASTENERS**

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

![Hollowcore™ Magnetic Nut Drivers](image1)

**HOLLOW SHAFT NUT DRIVERS**

**FITS 4X MORE FASTENERS**

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

![Hollow Shaft Nut Drivers](image2)
HAMMERS & HAND CLAMPS

FRAMING HAMMERS

**UP TO 10x VIBRATION REDUCTION**

**SHOCKSHIELD™ GRIP**

Available in

Smooth Face  Milled Face

Anti-Ring Claw

Precision Balanced Design

I-Beam Design

Resists bending

**Model #**  |  **Description**
--- | ---
48-22-9016 | 17oz Milled Face Hammer
48-22-9017 | 17oz Smooth Face Hammer
48-22-9022 | 22oz Milled Face Hammer

Magnetic Nail Set

**POLY FIBERGLASS HAMMER**

**MOST DURABLE FIBERGLASS HANDLE**

Anti-Ring Claw

Precision Balanced Design

Reinforced Fiberglass Handle

**Model #**  |  **Description**
--- | ---
48-22-9316 | 19oz Smooth Face Poly Fiberglass Hammer

Magnetic Nail Set

**HICKORY HAMMER**

**BEST DRIVING PERFORMANCE**

Anti-Ring Claw

Shock Absorbing American Hickory

Precision Balanced Design

**Model #**  |  **Description**
--- | ---
48-22-9419 | 19oz Hickory Hammer - Smooth Face

**HAND CLAMPS**

**UP TO 2X CLAMP FORCE**

**Model #**  |  **Description**
--- | ---
48-22-3002 | 2" Hand Clamp
48-22-3004 | 4" Hand Clamp

+STOP LOCK™
### HAWKBILL KNIVES

#### STAYS SHARPER LONGER

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1925</td>
<td>Hawkbill Fixed Blade Knife</td>
</tr>
</tbody>
</table>

#### FIXED BLADE KNIVES

#### STAYS SHARPER LONGER

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1926</td>
<td>4&quot; Fixed Blade Knife</td>
</tr>
</tbody>
</table>

#### HARDLINE™ FIXED BLADE KNIVES

#### ULTIMATE DURABILITY

#### AUS-8 STEEL

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
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</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>

#### HARDLINE™ POCKET KNIVES

#### EXTREME WEAR RESISTANCE

#### D2 STEEL

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1994</td>
<td>HARDLINE™ 3&quot; Smooth Blade Pocket Knife</td>
</tr>
<tr>
<td>48-22-1997</td>
<td>HARDLINE™ 2-1/2&quot; Smooth Blade Pocket Knife</td>
</tr>
<tr>
<td>48-22-1998</td>
<td>HARDLINE™ 3&quot; Serrated Blade Pocket Knife</td>
</tr>
<tr>
<td>48-22-1999</td>
<td>HARDLINE™ 3-1/2&quot; Smooth Blade Pocket Knife</td>
</tr>
</tbody>
</table>
**FASTBACK™ SPRING ASSISTED KNIVES**

- Black Oxide Stainless Steel Blade
- One-Hand Blade Opening
- Lanyard Hole

Also Available:
- FASTBACK™ Camo Spring Assisted Knife 48-22-1996

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1995</td>
<td>FASTBACK™ Spring Assisted Knife</td>
</tr>
<tr>
<td>48-22-1996</td>
<td>FASTBACK™ Camo Spring Assisted Knife</td>
</tr>
</tbody>
</table>

**FASTBACK™ HAWKBILL FLIP KNIVES**

- Stainless Steel Blade
- One-Hand Blade Opening
- Lanyard Hole
- Liner Lock
- Reversible Belt Clip

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1985</td>
<td>FASTBACK™ Hawkbill Flip Knife</td>
</tr>
</tbody>
</table>

**FASTBACK™ FLIP KNIVES**

- Stainless Steel Blade
- One-Hand Blade Opening
- Lanyard Hole
- Liner Lock
- Reversible Belt Clip

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1985</td>
<td>FASTBACK™ Hawkbill Flip Knife</td>
</tr>
<tr>
<td>48-22-1990</td>
<td>FASTBACK™ Flip Knife</td>
</tr>
</tbody>
</table>

**LOCKBACK POCKET KNIFE**

- Nail Nick
- Easy open
- Lockback
- Strong secure hold
- Lanyard Hole
- Stainless Steel Smooth Blade
- Reversible Belt Clip

<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>

Ideal for Piercing & Tearing

Ideal for Controlled Slicing
### FASTBACK™ FLIP UTILITY KNIFE WITH BLADE STORAGE

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

- Magnetic 4-Blade Storage
- Tool-Free Blade Change
- One-Hand Blade Opening
- Wire Stripper
- Blade Locks at 45°
- Gut Hook
- All-Metal Body
- Lanyard Hole

### FASTBACK™ FLIP UTILITY KNIFE

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

- Tool-Free Blade Change
- One-Hand Blade Opening
- All-Metal Body
- Lanyard Hole

### FASTBACK™ COMPACT FLIP UTILITY KNIFE

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

- Tool-Free Blade Change
- One-Hand Blade Opening
- All-Metal Body
- Lanyard Hole

### SIDE SLIDING UTILITY KNIFE

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

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

- Blade Storage
SAFETY UTILITY KNIFE

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

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1915</td>
<td>Safety Utility Knife</td>
</tr>
</tbody>
</table>

SAFETY CUTTER

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

<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>

PRECISION SNAP-OFF KNIFE

METAL LOCK

- Up to 10x longer life
- 8 Cutting Points
- Rubber Overmold
- Metal Knob
- Micro-Carbide Blade
- Speed Thread™ Knob

<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>

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1962</td>
<td>25mm (H) Precision Snap-Off Knife w/ Metal Lock</td>
</tr>
</tbody>
</table>

- 3 Pcs
- 10 Pcs

GENERAL PURPOSE SNAP-OFF KNIFE

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>

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-1965</td>
<td>25mm (H) General Purpose Snap-Off Knife</td>
</tr>
</tbody>
</table>

- 3 Pcs
- 10 Pcs

UP TO 5x LONGER LIFE

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-9109</td>
<td>9mm (A) Precision Snap-Off Replacement Blades</td>
</tr>
<tr>
<td>48-22-9118</td>
<td>18mm (L) Precision Snap-Off Replacement Blades</td>
</tr>
<tr>
<td>48-22-9125</td>
<td>25mm (H) Precision Snap-Off Replacement Blades</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-9109</td>
<td>9mm (A) General Purpose Snap-Off Replacement Blades</td>
</tr>
<tr>
<td>48-22-9118</td>
<td>18mm (L) General Purpose Snap-Off Replacement Blades</td>
</tr>
<tr>
<td>48-22-9125</td>
<td>25mm (H) General Purpose Snap-Off Replacement Blades</td>
</tr>
</tbody>
</table>

30
GENERAL PURPOSE

LASTS 5X LONGER

GENERAL PURPOSE

Description | 5 Pc | 50 Pc (Dispenser Included) | 75 Pc (Dispenser Included) | 100 Pc (Dispenser Included)
---|---|---|---|---
Drywall Utility Blades | 48-22-1933 | 48-22-1953 | – | –
Carton Utility Blades | 48-22-1934 | 48-22-1954 | – | –
INSULATION KNIVES
STAYS SHARPER LONGER

Heat Treated Strength

Cryogenically Hardened

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

DUCT KNIFE
STAYS SHARPER LONGER

Heat Treated Strength

Double-Edged Blade

Cryogenically Hardened

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

UP TO
10x MORE CUTS
FORGED BLADES

AVIATION SNIPS

Model # | Description | Cold Rolled Steel | Stainless Steel
---|---|---|---
48-22-4530 | Straight Cutting Standard Snips | 18ga | 22ga
48-22-4510 | Left Cutting Standard Snips | 18ga | 22ga
48-22-4520 | Right Cutting Standard Snips | 18ga | 22ga
48-22-4533 | 3 Pc Standard Snips Set | 18ga | 22ga
48-22-4532 | Straight Cutting Offset Snips | 18ga | 22ga
48-22-4512 | Left Cutting Offset Snips | 18ga | 22ga
48-22-4522 | Right Cutting Offset Snips | 18ga | 22ga

Model # | Description | Cold Rolled Steel | Stainless Steel
---|---|---|---
46-22-4523 | 2 Pc Offset Snips Set | 18ga | 22ga
46-22-4537 | Long Cut Straight Cutting Snips | 20ga | 22ga
46-22-4538 | Long Cut Offset Snips | 20ga | 22ga
46-22-4500 | Bulldog Snips | 16ga | 18ga
46-22-4511 | Left Cutting Right Angle Snips | 24ga | 28ga
46-22-4521 | Right Cutting Right Angle Snips | 24ga | 28ga
OFFSET COMPOUND TINNERS

TOUGH CUTS
2X FORCE, LESS EFFORT

45° Offset
Cut clearance

Model # | Description
-------|-------------
48-22-4005 | Offset Compound Tinner

CLASSIC TINNERS

BLADES WILL NOT LOOSEN
BOLT LOCK

40% Larger Handle Loops

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

DUCKBILL TINNER

BLADES WILL NOT LOOSEN
BOLT LOCK

For Tight Radius Cuts

Model # | Description
-------|-------------
48-22-4004 | 10" Duckbill Tinner

LIGHTWEIGHT TINNER

STRAIGHTER, CLEANER CUTS

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

3-1/2" Replaceable Steel Blades

Index Finger Groove

Aluminum Construction

Index Finger Groove

40% Larger Handle Loops
JOBSITE SCISSORS

ALL-METAL HANDLES
UP TO 10X LONGER LIFE

INDEX FINGER GROOVE

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

SPEED SEAMER™

FASTER, MORE ACCURATE HVAC FOLDS

3/8" & 1" Markings
More accurate folds

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

CRIMPER

UP TO 2X LONGER LIFE

REINFORCED CRIMPER BLADES

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

milwaukeetool.com 35
BOLT CUTTERS

MORE CUTS. MAXIMUM VERSATILITY.

Model # | Description                    | Max Capacity                      |
--------|--------------------------------|-----------------------------------|
        |                                | Soft/Medium Materials (up to 31 HRC) | Hard Materials (up to 48 HRC) |
48-22-4014 | 14" Bolt Cutter                  | 5/16"                              | 3/16"                          |
48-22-4024 | 24" Bolt Cutter                  | 7/16"                              | 5/16"                          |

BOLT CUTTERS

MORE CUTS. LONGER LIFE.

Model # | Description                    | Max Capacity                      |
--------|--------------------------------|-----------------------------------|
        |                                | Soft/Medium Materials (up to 31 HRC) | Hard Materials (up to 48 HRC) |
48-22-4014 | 14" Bolt Cutter                  | 5/16"                              | 3/16"                          |
48-22-4024 | 24" Bolt Cutter                  | 7/16"                              | 5/16"                          |
HIGH-TENSION HACKSAW

MOST DURABLE. HIGHEST TENSION.

- 6-Blade Storage Capacity
- Reinforced Metal Frame
- High-Leverage Tension Knob

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-0050</td>
<td>10 Pc 12&quot; High-Tension Hacksaw</td>
</tr>
<tr>
<td>48-43-0600</td>
<td>10 Pc 12&quot; 14TPI Hacksaw Blade</td>
</tr>
<tr>
<td>48-43-0610</td>
<td>10 Pc 12&quot; 18TPI Hacksaw Blade</td>
</tr>
<tr>
<td>48-43-0620</td>
<td>10 Pc 12&quot; 24TPI Hacksaw Blade</td>
</tr>
<tr>
<td>48-43-0630</td>
<td>10 Pc 12&quot; 32TPI Hacksaw Blade</td>
</tr>
</tbody>
</table>

COMPACT HACKSAW

UP TO 10x FASTER BLADE CHANGE

- 45° Angle Blade Position
- Compact Design
- Tool-Free Blade Change
- Rubber Overmold
- Adjustable Blade Length

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

milwaukeeetool.com
### RASPING JAB SAW
**UP TO 2X FASTER PLUNGE CUTS**

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

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

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

### FOLDING JAB SAW
**UP TO 10X FASTER BLADE CHANGE**

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

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

### PVC/ABS SAW
**FAST CUTS THROUGH PVC**

- Impact Resistant Body
- Tool-Free Blade Change

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

TUBING CUTTER

INDESTRUCTIBLE FRAME

Model # | Description
-------|------------
48-22-4202 | Tubing Cutter
48-22-4203 | Tubing Cutter Replacement Blade

RATCHETING PIPE CUTTERS

STRAIGHT, EASY CUTS

Model # | Description
-------|------------
48-22-4210 | 1-5/8" Ratcheting Pipe Cutter
48-22-4211 | 1-5/8" Ratcheting Pipe Cutter Replacement Blade
48-22-4215 | 2-3/8" Ratcheting Pipe Cutter
48-22-4216 | 2-3/8" Ratcheting Pipe Cutter Replacement Blade

REAMING PEN

Model # | Description
-------|------------
48-22-4255 | Reaming Pen

All-Metal Design
Heat Treated and Black Oxide Coated
Slide Resistant Clip

Copper
PVC

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**COPPER TUBING CUTTERS**

**MINI COPPER TUBING CUTTERS**

**5X LONGER LIFE**

**REINFORCED ADJUSTMENT MECHANISM**

![Image of Mini Copper Tubing Cutter]

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Cut Capacity</th>
<th>Extra Blade</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-4250</td>
<td>1/2” Mini Copper Tubing Cutter</td>
<td>1/8”–5/8”</td>
<td></td>
</tr>
<tr>
<td>48-22-4258</td>
<td>3/4” Mini Copper Tubing Cutter</td>
<td>1/8”–7/8”</td>
<td></td>
</tr>
<tr>
<td>48-22-4251</td>
<td>1” Mini Copper Tubing Cutter</td>
<td>1/8”–1-1/8”</td>
<td>Yes</td>
</tr>
<tr>
<td>48-22-4256</td>
<td>2 Pc Replacement Cutter Wheels</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CLOSE QUARTERS COPPER TUBING CUTTERS**

**MOST COMPACT. LONGEST LIFE.**

![Image of Close Quarters Copper Tubing Cutter]

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-4260</td>
<td>1/2” Close Quarters Copper Tubing Cutter</td>
</tr>
<tr>
<td>48-22-4261</td>
<td>3/4” Close Quarters Copper Tubing Cutter</td>
</tr>
<tr>
<td>48-22-4262</td>
<td>1” Close Quarters Copper Tubing Cutter</td>
</tr>
<tr>
<td>48-22-4263</td>
<td>3 Pc Close Quarters Copper Tubing Cutter Set</td>
</tr>
<tr>
<td>48-22-4266</td>
<td>Replacement Copper Tubing Cutter Wheels</td>
</tr>
</tbody>
</table>
### Quick-Adjust Tubing Cutters

**Straiter, Cleaner Cuts**

**4 Chrome Rollers**

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

- Chrome Rollers Rust Protection
- Quick Adjustment
- Easy, Tool-Free Blade Change

---

### Constant Swing Copper Tubing Cutters

**Straiter, 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&quot; Constant Swing Copper Tubing Cutter</td>
<td>1/8&quot;–1-1/8&quot;</td>
</tr>
<tr>
<td>48-22-4252</td>
<td>1-1/2&quot; Constant Swing Copper Tubing Cutter</td>
<td>1/8&quot;–1-5/8&quot;</td>
</tr>
<tr>
<td>48-22-4256</td>
<td>2 Pc Replacement Cutter Wheels</td>
<td></td>
</tr>
<tr>
<td>48-22-4257</td>
<td>3 Pc Replacement Reaming Blade</td>
<td></td>
</tr>
</tbody>
</table>

- Chrome Rollers Rust Protection
- Built-In Reamer on 48-22-4252
- Easy, Tool-Free Blade Change
- Smooth Adjustment
**PUNCHDOWN TOOL**

**BEST ACCESS & VISIBILITY**

- Integrated LED Light
- High / Low Impacting Function

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Blades Included</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-3075</td>
<td>Ratcheting Modular Crimper</td>
<td></td>
</tr>
<tr>
<td>48-22-6105</td>
<td>Mini Flush Cutter</td>
<td></td>
</tr>
<tr>
<td>48-22-2165</td>
<td>Punchdown Tool with Extended Blade</td>
<td>66/110 Combination and Extended Reach 110</td>
</tr>
<tr>
<td>48-22-2166</td>
<td>Extended Punchdown Blade</td>
<td>Extended Reach 110</td>
</tr>
<tr>
<td>48-22-2167</td>
<td>Punchdown Blade</td>
<td>66/110 Combination</td>
</tr>
</tbody>
</table>

**MINI FLUSH CUTTER**

**CONSISTENT, PRECISE CUTS**

- Spring Assisted
- Light Weight

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-6105</td>
<td>Mini Flush Cutter</td>
</tr>
</tbody>
</table>

**RATCHETING MODULAR CRIMPER**

**CONSISTENT, ACCURATE CRIMPS**

- Easy Access Jack Removal
- In-Line Head Design
- Ratcheting Mechanism

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-3075</td>
<td>Ratcheting Modular Crimper</td>
</tr>
</tbody>
</table>
MULTI-PICK TOOL

4IN1

Anti-Roll Grip
Storage Cap
Spudger
Wire Pick & Hook
1/8” Slotted
#0 Phillips

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

ELECTRICIAN SNIPS

BLADES WON’T LOOSEN.
BOLT LOCK

Forged Blade
All-Metal Handles
Optimized Finger Loop

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
PACKOUT™ MODULAR STORAGE

PACKOUT™

MOST VERSATILE DURABLE MODULAR STORAGE SYSTEM

FULLY CUSTOMIZE YOUR STORAGE™

IMPACT RESISTANT™

IP65 RATED PROTECTION™

BUILD YOUR SYSTEM
## PACKOUT™ ROLLING TOOL BOX

**250 Lbs Capacity**

**9" All-Terrain Wheels**

**IMPACT RESISTANT BODY**

**Metal Reinforced Corners**

**IP65 Rated Protection**

**Modular Connectivity with All PACKOUT™ Components**

**Metal Reinforced Locking Point**

**Interior Organizer Tray**

**Industrial-Grade Extension Handle**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Carrying Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8426</td>
<td>PACKOUT™ Rolling Tool Box</td>
<td>250 lbs</td>
</tr>
</tbody>
</table>

## PACKOUT™ TOOL BOXES

**100 Lbs Capacity**

**IMPACT RESISTANT BODY**

**Metal Reinforced Top Handle**

**Metal Reinforced Corners**

**IP65 Rated Protection**

**Modular Connectivity with All PACKOUT™ Components**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Carrying 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>
</tbody>
</table>

Also Available:

PACKOUT™ Tool Box
48-22-8424

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**PACKOUT™ ORGANIZERS**

- **IMPACT RESISTANT BODY™**
- **IP65 RATED PROTECTION™**
- **NO-TRAVEL BIN SEALS™**

Modular Connectivity with All PACKOUT™ Components

No-Travel Bin Seals

**Also Available:**

PACKOUT™ Compact Organizer
48-22-8435

Removable & Mountable Bins

---

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

---

**PACKOUT™ LOW-PROFILE ORGANIZERS**

- **IMPACT RESISTANT BODY™**
- **IP65 RATED PROTECTION™**
- **NO-TRAVEL BIN SEALS™**

IP65 Rated Protection

Modular Connectivity with All PACKOUT™ Components

No-Travel Bin Seals

6 Removable Bin Dividers

Low-Profile Design

**Also Available:**

PACKOUT™ Low-Profile Compact Organizer
48-22-8436

Removable Bins

---

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8431</td>
<td>PACKOUT™ Low-Profile Organizer</td>
</tr>
<tr>
<td>48-22-8436</td>
<td>PACKOUT™ Low-Profile Compact Organizer</td>
</tr>
</tbody>
</table>
PACKOUT™ TOOL BAGS

TEAR RESISTANT
IMPROVED STORAGE CAPACITY

Model # | Description | Tool Pockets
--- | --- | ---
48-22-8321 | PACKOUT™ 15" Tool Bag | 28
48-22-8322 | PACKOUT™ 20" Tool Bag | 31

PACKOUT™ TOTES

TEAR RESISTANT
IMPROVED STORAGE CAPACITY

Model # | Description | Tool Pockets
--- | --- | ---
48-22-8310 | PACKOUT™ 10" Tote | 28
48-22-8315 | PACKOUT™ 15" Tote | 31
48-22-8320 | PACKOUT™ 20" Tote | 32
HARDTOP™ ROLLING BAGS

**MOST DURABLE. ULTIMATE VERSATILITY.**

- **Industrial Grade Extension Handle**
- **TEAR RESISTANT 1680D Ballistic Nylon**
- **Padded Tech Pocket**
- **HARDTOP™ Construction**
  - For stacking
- **Metal-Reinforced Skid Plates**
- **6" All-Terrain Wheels**
- **All-Metal Rims & Through Axle**

#### Model #

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

JOBSITE TECH BAG

**UP TO 5X MORE DURABLE**

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

#### Model #

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

JOBSITE COOLER
HOLDS ICE UP TO 24 HRS

Model # | Description
--- | ---
48-22-8250 | Jobsite Cooler

- Dry Storage Compartment
- All-Metal Hardware
- Padded Shoulder Strap
- Tape Measure Clip with Bottle Opener
- Food-Grade Leak Proof Liner
- No-Sweat Exterior
- Tech Pocket
- 1680D Weather Resistant Base

2x the Insulation

LOW-PROFILE BACKPACK
DURABLE, LOW-PROFILE DESIGN

Model # | Description
--- | ---
48-22-8202 | Low-Profile Backpack

- Attachment Strap
- Tape Measure Clip
- Padded Electronics Sleeve
- Reinforced Base
- Rugged Metal Zippers

1680D Ballistic Nylon

HOLDS ICE UP TO 24 HRS

Model # | Description | Pockets
--- | --- | ---
48-22-8250 | Jobsite Cooler | 2x
48-22-8202 | Low-Profile Backpack | 22
JOBSITE BACKPACK

UP TO 5x MORE DURABLE

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

<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>

ULTIMATE JOBSITE BACKPACK

ULTIMATE DURABILITY, PROTECTION, & STORAGE

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

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

FASTEST ACCESS, BEST CONSTRUCTION

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

Model # | Description
--- | ---
48-22-8170 | Parachute Organizer Bag

BUCKET ORGANIZER WRAP

MOST VERSATILE BUCKET ORGANIZER

- Handle Pad
- Versatile Open Bucket Design
- 1680D Ballistic Material

Model # | Description
--- | ---
48-22-8175 | Bucket Organizer Wrap
ZIPPER POUCHES

**UP TO 2X MORE DURABLE**

### Water Resistant Stand-Up Base

- **Hang Loop**
- **Rugged Metal Zipper**
- **Colored Webbing**
  - Easy size identification
- **Heavy Duty**
  - #10 Canvas

**Model #** | **Description**
---|---
48-22-8180 | Zipper Pouch
48-22-8193 | 3 Pc Zipper Pouches
48-22-8183 | 3 Pc Multi-Size Zipper Pouches

---

JOBSITE ORGANIZER

**MOST VERSATILE JOBSITE ORGANIZER**

- **Mountable Bins**
- **Weather Seal**
- **Durable Latches**
- **Reinforcing Rib**
- **Full Access While Stacked**

**Model #** | **Description**
---|---
48-22-8030 | 20" Jobsite Organizer

---

**Also Available:**

- 3 Pc Multi-Size Zipper Pouches
  - 48-22-8183

---

**No-Travel Bin Seals**
WORK BELTS & POUCHES

UP TO 5X LONGER LIFE

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

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

Electrician's Work Belt
48-22-8110

- Padded Work Belt
- 48-22-8140

Compact
Electrician's Work Pouch
48-22-8111

- Hammer Loop
- 48-22-8149

Carpenter's Work Pouch
48-22-8121

- 3-Tier Material
- Work Pouch
- 48-22-8122

Model # | Description
--- | ---
48-22-8100 | Electrician's Work Belt with Quick-Adjust Belt
48-22-8110 | Electrician's Work Belt
48-22-8111 | Compact Electrician's Work Pouch
48-22-8120 | Contractor's Work Belt with Suspension Rig
48-22-8121 | Carpenter's Work Pouch
48-22-8122 | 3-Tier Material Work Pouch

COMPACT UTILITY POUCH

UP TO 5X LONGER LIFE

Elastic Bit Holder
Riveted Seams
Up to 4X stronger
Tape Chain
1680D Ballistic Nylon
7 Exterior Pockets
Quick-Attach Belt Loop
Model # | Description
--- | ---
48-22-8116 | Compact Utility Pouch

UTILITY POUCH

1680D Ballistic Nylon
1 Deep Center Pocket
Tape Strap
8 Exterior Pockets
Quick-Attach Belt Loop
Model # | Description
--- | ---
48-22-8119 | Utility Pouch

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### Demolition Gloves with SMARTSWIPE™

**Up to 5x Longer Life**

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

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

### Performance Gloves with SMARTSWIPE™

**Ultimate Durability. All-Day Comfort.**

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

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

### Free-Flex Gloves with SMARTSWIPE™

**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>

- **High Dexterity Finger Tips**
- **Breathable Lining**
- **Terry Cloth Sweat Wipe**
- **Free-Flex Elastic Cuff**

- **Also Available:** Performance Fingerless Gloves

**SMARTSWIPE™**

- Touch Screen Compatible Knuckle
- Touch Screen Compatible Fingertips, Palm & Knuckle

**FREE-FLEX GLOVES WITH SMARTSWIPE™**

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

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8713</td>
<td>Free-Flex Gloves XL</td>
</tr>
<tr>
<td>48-22-8714</td>
<td>Free-Flex Gloves XXL</td>
</tr>
</tbody>
</table>
CUT LEVEL 1 DIPPED GLOVES WITH SMARTSWIPE™

ULTIMATE DURABILITY.
ALL-DAY COMFORT.

<table>
<thead>
<tr>
<th>Size</th>
<th>1 Pair</th>
<th>12 Pair (Contractor Pack)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>48-22-8900</td>
<td>48-22-8900B</td>
</tr>
<tr>
<td>M</td>
<td>48-22-8901</td>
<td>48-22-8901B</td>
</tr>
<tr>
<td>L</td>
<td>48-22-8902</td>
<td>48-22-8902B</td>
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</table>

CUT LEVEL 3 DIPPED GLOVES WITH SMARTSWIPE™

ULTIMATE DURABILITY.
ALL-DAY COMFORT.

<table>
<thead>
<tr>
<th>Size</th>
<th>1 Pair</th>
<th>12 Pair (Contractor Pack)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>48-22-8930</td>
<td>48-22-8930B</td>
</tr>
<tr>
<td>M</td>
<td>48-22-8931</td>
<td>48-22-8931B</td>
</tr>
<tr>
<td>L</td>
<td>48-22-8932</td>
<td>48-22-8932B</td>
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</table>

CUT LEVEL 5 DIPPED GLOVES WITH SMARTSWIPE™

ULTIMATE DURABILITY.
ALL-DAY COMFORT.

<table>
<thead>
<tr>
<th>Size</th>
<th>1 Pair</th>
<th>12 Pair (Contractor Pack)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>48-22-8950</td>
<td>48-22-8950B</td>
</tr>
<tr>
<td>M</td>
<td>48-22-8951</td>
<td>48-22-8951B</td>
</tr>
<tr>
<td>L</td>
<td>48-22-8952</td>
<td>48-22-8952B</td>
</tr>
</tbody>
</table>
## Insulated Winter Gloves

### Cut Level 1 Insulated Winter Gloves

**Ultimate Warmth. All-Day Comfort.**

![Image of Cut Level 1 Gloves]

<table>
<thead>
<tr>
<th>Size</th>
<th>1 Pair</th>
<th>12 Pair (Contractor Pack)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>48-22-8910</td>
<td>48-22-8910B</td>
</tr>
<tr>
<td>M</td>
<td>48-22-8911</td>
<td>48-22-8911B</td>
</tr>
<tr>
<td>L</td>
<td>48-22-8912</td>
<td>48-22-8912B</td>
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</table>

### Cut Level 3 Insulated Winter Gloves

**Ultimate Warmth. All-Day Comfort.**

![Image of Cut Level 3 Gloves]

<table>
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<tr>
<th>Size</th>
<th>1 Pair</th>
<th>12 Pair (Contractor Pack)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>48-22-8920</td>
<td>48-22-8920B</td>
</tr>
<tr>
<td>M</td>
<td>48-22-8921</td>
<td>48-22-8921B</td>
</tr>
<tr>
<td>L</td>
<td>48-22-8922</td>
<td>48-22-8922B</td>
</tr>
</tbody>
</table>

### Specifications

- **Warm Acrylic Terry Cloth Liner**
- **Double Dipped Latex**
- **Secure Dual Liner**
- **High Dexterity 15GA Nylon**
- **Breathable Backing**
- **Color-Coded Bands**
- **Easy cut rating identification**

### ANSI Cut Level

- **A1**
- **A3**
# Locking Lanyards

**BEST SHOCK ABSORPTION™**

**Double Locking Carabiner**

<table>
<thead>
<tr>
<th>Model #</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 Extended Reach Locking Tool Lanyard</td>
</tr>
<tr>
<td>48-22-8815</td>
<td>15 lbs Locking Tool Lanyard</td>
</tr>
<tr>
<td>48-22-8850</td>
<td>35 lbs Locking Tool Lanyard</td>
</tr>
</tbody>
</table>

**Integrated Swivel**

**Color Coded**
- Easy weight identification

**Individualized Serial Numbers**
- Inventory management

---

# Quick-Connect Locking Tool Lanyard System

**BEST SHOCK ABSORPTION™**

**Quick-Connect Lanyard System**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>48-22-8820</td>
<td>10 lbs Quick-Connect Locking Tool Lanyard</td>
</tr>
<tr>
<td>48-22-8823</td>
<td>3 Pc 10 lbs Quick-Connect Lanyard Accessory</td>
</tr>
<tr>
<td>48-22-8822</td>
<td>3 Pc 5 lbs Quick-Connect Lanyard Accessory</td>
</tr>
</tbody>
</table>

**Integrated Swivel**

**Double-Locking Carabiner**

**Color Coded**
- Easy weight identification

**Individualized Serial Numbers**
- Inventory management

---

**Quick Tool Change Out**

---

---
**LANYARD ACCESSORIES**

**TAPE & D-RING WEB ATTACHMENTS**

**EASILY CONNECT**

- **Model #** 48-22-8860
  - **Description** 12' Self-Adhering Tape

- **Model #** 48-22-8870
  - **Description** 5 Pc 2 lbs D-Ring Web Attachment

- **Model #** 48-22-8871
  - **Description** 5 Pc 5 lbs D-Ring Web Attachment

- **Model #** 48-22-8872
  - **Description** 35 lbs D-Ring Web Attachment

**SPLIT RINGS**

**EASILY CONNECT**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>48-22-8880</td>
<td>5 Pc 2 lbs 3/4&quot; Split Ring</td>
</tr>
<tr>
<td>48-22-8881</td>
<td>5 Pc 2 lbs 1&quot; Split Ring</td>
</tr>
<tr>
<td>48-22-8882</td>
<td>5 Pc 2 lbs 1-1/2&quot; Split Ring</td>
</tr>
<tr>
<td>48-22-8883</td>
<td>5 Pc 2 lbs 2&quot; Split Ring</td>
</tr>
</tbody>
</table>
2 TAPE MEASURES
4 LONG TAPES & MEASURING WHEELS
5 REDSTICK™ LEVELS
6 CONCRETE LEVELS & TORPEDO LEVELS
7 LASER DISTANCE METERS, CHALK REELS & FOLDING RULES
8 INKZALL™ JOBSITE MARKERS
9 INKZALL™ PAINT MARKERS, PENS & HIGHLIGHTERS
10 FASTENING PLIERS
11 FASTENING & CUTTING PLIERS
12 CUTTING PLIERS
13 COMBINATION & MULTI-FUNCTION PLIERS
14 APPLICATION SPECIFIC PLIERS
15 TORQUE LOCK™ PLIERS, C-CLAMPS & SPECIALTY
16 PIPE WRENCHES
18 ADJUSTABLE & BASIN WRENCHES
19 RATCHET & SOCKET SETS
20 COMBINATION WRENCHES & PRY BARS
21 HOOK AND PICK SET & MULTI-BIT DRIVERS
22 MULTI-BIT DRIVERS & SCREWDRIVERS
23 SCREWDRIVERS
25 NUT DRIVERS
26 HAMMERS & HAND CLAMPS
27 FIXED BLADE & POCKET KNIVES
28 POCKET KNIVES
29 UTILITY KNIVES
32 INSULATION & DUCT KNIVES
33 AVIATION SNIPS
34 TINNER SNIPS
35 SCISSORS, SEAMER & CRIMPER
36 BOLT CUTTERS
37 HACKSAWS
38 SAWS
39 TUBING/PIPE CUTTERS & REAMING PEN
40 COPPER TUBING CUTTERS
42 LOW VOLTAGE VDV
44 PACKOUT™ MODULAR STORAGE
48 BAGS
49 COOLERS & BACKPACKS
50 BACKPACKS
52 ORGANIZERS
53 WORK BELTS & POUCHES
54 WORK GLOVES
55 DIPPED GLOVES
56 INSULATED WINTER GLOVES
57 LANYARD ACCESSORIES