

# Catalog



# DELTA

Machines & Parts Supplier. Inc



SAVE TIME

You will find all you need in just one place and get it as soon as possible

## 170 PIECE MECHANIC'S TOOL SET

- 126 sockets, 7 drive tools (1/4, 3/8, 1/2, Drives)
- 23 wrenches, 14 additional tools



### Part No. 12211

#### 1/4 Drive Sockets

##### 11 Six-Point Standard Sockets

9-43481 5/32"	9-43496 11/32"
9-43491 3/16"	9-43497 3/8"
9-43492 7/32"	9-43498 7/16"
9-43493 1/4"	9-43499 1/2"
9-43494 9/32"	9-43480 9/16"
9-43495 5/16"	

##### 12 Six-Point Easy-Read Metric Sockets

9-43505 4mm	9-43507 9mm
9-43501 5mm	9-43508 10mm
9-43511 5.5mm	9-43509 11mm
9-43502 6mm	9-43513 12mm
9-43503 7mm	9-43514 13mm
9-43504 8mm	9-43512 14mm

##### 10 Six-Point Standard Deep Sockets

9-43571 3/16"	9-43576 11/32"
9-43572 7/32"	9-43577 3/8"
9-43573 1/4"	9-43578 7/16"
9-43574 9/32"	9-43589 12"
9-43575 5/16"	9-43587 9/16"

##### 11 Six-Point Metric Deep Sockets

9-44401 4mm	9-44407 10mm
9-44402 5mm	9-44408 11mm
9-44403 6mm	9-44409 12mm
9-44404 7mm	9-44411 13mm
9-44405 8mm	9-44412 14mm
9-44406 9mm	

##### 1/4 Drive Tools

9-44807	QR Ratchet
9-43569	3" Ext. Bar

##### 3/8 Drive Sockets

##### 11 Six-Point Standard Sockets

9-42999 1/4"	9-43005 5/8"
9-43000 5/16"	9-43006 11/16"
9-43001 3/8"	9-43007 3/4"
9-43002 7/16"	9-43008 13/16"
9-43003 1/2"	9-43013 7/8"
9-43004 9/16"	

##### 17 Six-Point Metric Sockets

9-43516 6mm	9-43547 15mm
9-43533 7mm	9-43570 16mm
9-43536 8mm	9-43548 17mm
9-43541 9mm	9-43579 18mm
9-43542 10mm	9-43549 19mm
9-43543 11mm	9-43580 20mm
9-43544 12mm	9-43584 21mm
9-43545 13mm	9-43585 22mm
9-43546 14mm	

##### 8 Six-Point Standard Deep Sockets

9-43331 7/16"	9-43335 5/8"
9-43332 1/2"	9-43336 11/16"
9-43333 3/8"	9-43337 3/4"
9-43334 9/16"	9-43338 13/16"

##### 11 Six-Point Metric Deep Sockets

9-44425 9mm	9-44432 15mm
9-44426 10mm	9-44433 16mm
9-44427 11mm	9-44434 17mm
9-44428 12mm	9-44435 18mm
9-44429 13mm	9-44436 19mm
9-44431 14mm	

#### 3/8 Drive Sockets (cont.)

##### 1 Spark Plug Socket

9-43224	5/8"
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##### 3/8 Drive Tools

9-44811	QR Ratchet
9-44264	3" Extension Bar
9-44261	6" Extension Bar

#### 1/2 Drive Sockets

##### 14 Six-Point Standard Sockets

9-44053 3/8"	9-44063 13/16"
9-44054 7/16"	9-44064 7/8"
9-44055 1/2"	9-44065 15/16"
9-44056 9/16"	9-44066 1"
9-44057 5/8"	9-44067 1 1/16"
9-44058 11/16"	9-44068 1 1/8"
9-44059 3/4"	9-44069 1 1/4"

##### 11 Six-Point Metric Sockets

9-44251 9mm	9-44257 15mm
9-44252 10mm	9-44258 17mm
9-44253 11mm	9-44228 18mm
9-44254 12mm	9-44259 19mm
9-44255 13mm	9-44265 22mm
9-44256 14mm	

##### 9 Six-Point Standard Deep Sockets

9-47582 1/2"	9-47585 11/16"
9-47583 9/16"	9-47586 3/4"
9-47584 5/8"	9-47587 13/16"
9-47588 7/8"	9-47591 1"
9-47589 15/16"	

##### 1/2 Drive Tools

9-44809	QR Teardrop Ratchet
9-44133	3" Extension Bar

#### Wrenches

##### 11 Six-Point Std Combination

9-44381 1/4"	9-44387 5/8"
9-44382 5/16"	9-44388 11/16"
9-44383 3/8"	9-44389 3/4"
9-44384 7/16"	9-44390 13/16"
9-44385 1/2"	9-44391 7/8"
9-44386 9/16"	

##### 12 Six-Point Met Combination

9-42864 7mm	9-42871 14mm
9-42865 8mm	9-42872 15mm
9-42867 10mm	9-42873 16mm
9-42868 11mm	9-42874 17mm
9-42869 12mm	9-42875 18mm
9-42870 13mm	9-42876 19mm

#### Screwdrivers - 2 Slotted

9-41581 3/16"x4"	9-41584 1/4"x6"
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#### Screwdrivers - 2 Phillips

9-41294 #1	9-41295 #2
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#### 5 Standard Nutdrivers

9-41971 1/4"	9-41975 7/16"
9-41972 5/16"	9-41976 1/2"
9-41974 3/8"	

#### 5 Metric Nutdrivers

9-41981 5mm	9-41984 8mm
9-41982 6mm	9-41986 10mm
9-41983 7mm	

## 96 PIECE BASIC FIELD TECH TOOL SET

- 34 sockets, 10 drive tools, 1/4, 3/8 drive
- 19 wrenches, 33 additional tools



### Part No. 12210

#### 1/4 Drive Sockets

##### 11 Six-Point Standard Sockets

9-43481 5/32"	9-43496 11/32"
9-43491 3/16"	9-43497 3/8"
9-43492 7/32"	9-43498 7/16"
9-43493 1/4"	9-43499 1/2"
9-43494 9/32"	9-43480 9/16"
9-43495 5/16"	

##### 9 Six-Point Standard Deep Sockets

9-43571 3/16"	9-43576 11/32"
9-43572 7/32"	9-43577 3/8"
9-43573 1/4"	9-43578 7/16"
9-43574 9/32"	9-43589 12"
9-43575 5/16"	

##### 3 Torx® Bit Sockets

9-42661 T-15	9-42662 T-20
9-42663 T-25	

##### 1/4 Drive Tools

9-44807	QR TD Ratchet
9-43539	3" Extension Bar
9-43531	6" Extension Bar
9-4280	Universal Joint
9-43372	6" Spinner Handle

#### Screwdrivers - 3 Phillips

9-41294 #1 x 3"	9-41118 #2 x 11/2"
9-41295 #2 x 4"	

#### Screwdrivers - 5 Slotted

9-41589 1/8" x 4"	9-41314 Offset
9-41577 3/16" x 6"	9-41316 Offset
9-4151 1/4" x 11/2"	

#### 3 Torx® Screwdrivers

9-41473 T-10	9-41474 T-15
9-41475 T-20	

#### Pliers

9-45102	6" Long Needle Nose
9-45077	5" Diagonal Cutting
9-45378	63/4" Slip Joint

#### 1 Hammer

9-38463	8 oz. Ball Pein Hammer
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#### 3/8 Drive Sockets

##### 11 Six-Point Standard Sockets

9-42999 1/4"	9-43005 5/8"
9-43000 5/16"	9-43006 11/16"
9-43001 3/8"	9-43007 3/4"
9-43002 7/16"	9-43008 13/16"
9-43003 1/2"	9-43013 7/8"
9-43004 9/16"	

##### 3/8 Drive Tools

9-44808	QR TD Long Ratchet
9-43537	11/2" Extension Bar
9-44264	3" Extension Bar
9-44261	6" Extension Bar
9-4435	Universal Joint

#### Wrenches

##### 3 Standard F.P. Offset Deep Box End

9-44316	3/8" x 7/16"
9-44317	1/2" x 9/16"
9-44318	5/8" x 11/16"

##### 6 Standard Open End

9-44571	1/4" x 5/16"
9-44582	5/8" x 3/4"
9-44572	3/8" x 7/16"
9-44591	11/16" x 13/16"
9-44579	1/2" x 9/16"
9-44584	3/4" x 7/8"

##### 10 Combination Ignition Wrenches

9-42320 5/32"	9-42325 1/4"
9-42321 3/16"	9-42326 9/32"
9-42322 13/64"	9-42327 5/16"
9-42323 7/32"	9-42328 3/8"
9-42324 15/64"	9-42329 7/16"

##### Ball End Hex Key Set

9-46756	Includes 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16" standard long arm and 2, 2.5, 3, 4, 5, 6.8mm metric long arm sizes.
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#### Other Tools

9-41322	23" Flex Pick-Up Tool
9-41603	21/4" Inspection Mirror
9-41028	Scratch Awl
9-47696	Circuit Tester

## 1/4", 3/8", 1/2" DRIVE SOCKET SET

### 137PC. STANDARD/DEEP LASER ETCHED - METRIC/FRACTIONAL

- 70 sockets, 5 drive tools (1/4, 3/8, 1/2, Drives)
- 6 wrenches, 56 additional tools, blow-molded case



Part No. 11450

#### 1/4 Drive Sockets

- 11 Six-Point Easy-Read Std. Sockets**
- |               |                |
|---------------|----------------|
| 9-45801 5/32" | 9-34595 11/32" |
| 9-45802 3/16" | 9-34596 3/8"   |
| 9-34591 7/32" | 9-34597 7/16"  |
| 9-34592 1/4"  | 9-34598 1/2"   |
| 9-34593 9/32" | 9-34599 9/16"  |
| 9-34594 5/16" |                |

- 12 Six-Point Easy-Read Metric Sockets**
- |               |              |
|---------------|--------------|
| 9-45907 4mm   | 9-34605 9mm  |
| 9-45908 5mm   | 9-34606 10mm |
| 9-34601 5.5mm | 9-34607 11mm |
| 9-34602 6mm   | 9-34608 12mm |
| 9-34603 7mm   | 9-34609 13mm |
| 9-34604 8mm   | 9-34611 14mm |

- 5 Six-Point Easy-Read Standard Deep Sockets**
- |               |               |
|---------------|---------------|
| 9-45814 3/16" | 9-34613 9/32" |
| 9-45815 7/32" | 9-34614 5/16" |
| 9-34612 1/4"  |               |

- 5 Six-Point Easy-Read Metric Deep Sockets**
- |             |              |
|-------------|--------------|
| 9-45912 6mm | 9-34622 8mm  |
| 9-34621 7mm | 9-34623 9mm  |
|             | 9-34624 10mm |

- 1/4 Drive Tools**
- 9-44807 QR Ratchet  
9-43569 3" Ext. Bar

- Wrenches**
- 3 Twelve-Point Std. Comb. Wrenches  
9-44693 3/8" 9-44694 7/16"  
9-44695 1/2"

- 3 Twelve-Point Metric Comb. Wrenches  
9-42913 9mm 42916 12mm  
9- 9-42914 10mm

- Other Tools**
- 9-43373 1/4" Drive Magnetic Bit Handle  
----- 9 Piece Screwdriver Set  
----- 12 Piece Standard/Metric Nutdriver Bit Set  
9-46696 20 Piece Standard Short and Long Arm Hex Key Set

#### 3/8 Drive Sockets

- 8 Six-Point Easy-Read Std. Sockets**
- |               |               |
|---------------|---------------|
| 9-45821 1/4"  | 9-45825 1/2"  |
| 9-45822 5/16" | 9-45826 9/16" |
| 9-45823 3/8"  | 9-45827 5/8"  |
| 9-45824 7/16" | 9-45829 3/4"  |

- 10 Six-Point Easy-Read Metric Sockets**
- |              |              |
|--------------|--------------|
| 9-45847 6mm  | 9-45853 11mm |
| 9-45848 7mm  | 9-45854 12mm |
| 9-45849 8mm  | 9-45855 13mm |
| 9-45851 9mm  | 9-45856 14mm |
| 9-45852 10mm | 9-45857 15mm |

- 6 Twelve-Point Easy-Read Std. Sockets**
- |               |               |
|---------------|---------------|
| 9-45901 5/16" | 9-34634 1/2"  |
| 9-34632 3/8"  | 9-34635 9/16" |
| 9-34633 7/16" | 9-34636 5/8"  |

- 8 Twelve-Point Easy-Read Metric Sockets**
- |              |              |
|--------------|--------------|
| 9-34639 9mm  | 9-34644 13mm |
| 9-34641 10mm | 9-34645 14mm |
| 9-34642 11mm | 9-34646 15mm |
| 9-34643 12mm | 9-34648 17mm |

- 5 Six-Point Easy-Read Standard Deep Sockets**
- |               |               |
|---------------|---------------|
| 9-45835 3/8"  | 9-45838 9/16" |
| 9-45836 7/16" | 9-45839 5/8"  |
| 9-45837 1/2"  |               |

- 5 Six-Point Easy-Read Metric Deep Sockets**
- |              |              |
|--------------|--------------|
| 9-45865 9mm  | 9-45869 13mm |
| 9-45866 10mm | 9-45871 14mm |
| 9-45868 12mm |              |

- 3/8 Drive Tools**
- 9-44811 QR Teardrop Ratchet  
9-44264 3" Extension Bar  
9-44261 5/8" Easy-Read Spark Plug Socket

- 1/2 Drive Sockets**
- 4 Twelve-Point Easy-Read Std. Sockets  
9-34042 9/16" 9-34043 5/8"  
9-34046 11/16" 9-34652 3/4"

- 4 Twelve-Point Easy-Read Std. Sockets  
9-34067 15mm 9-34068 16mm  
9-34661 17mm 9-34662 18mm

- 1/2 Drive Tools**
- 9-44809 QR Teardrop Ratchet

## 213 PIECE MECHANIC'S TOOL SET

- 126 sockets, 5 drive tools (1/4, 3/8, 1/2, Drives)
- 19 wrenches, 63 additional tools



Part No. 12212



#### 1/4 Drive Sockets

- 11 Six-Point Standard Sockets**
- |               |                |
|---------------|----------------|
| 9-43481 5/32" | 9-43496 11/32" |
| 9-43491 3/16" | 9-43497 3/8"   |
| 9-43492 7/32" | 9-43498 7/16"  |
| 9-43493 1/4"  | 9-43499 1/2"   |
| 9-43494 9/32" | 9-43480 9/16"  |
| 9-43495 5/16" |                |

- 12 Six-Point Easy-Read Metric Sockets**
- |               |              |
|---------------|--------------|
| 9-43505 4mm   | 9-43507 9mm  |
| 9-43501 5mm   | 9-43508 10mm |
| 9-43511 5.5mm | 9-43509 11mm |
| 9-43502 6mm   | 9-43513 12mm |
| 9-43503 7mm   | 9-43514 13mm |
| 9-43504 8mm   | 9-43512 14mm |

- 10 Six-Point Standard Deep Sockets**
- |               |                |
|---------------|----------------|
| 9-43571 3/16" | 9-43576 11/32" |
| 9-43572 7/32" | 9-43577 3/8"   |
| 9-43573 1/4"  | 9-43578 7/16"  |
| 9-43574 9/32" | 9-43589 1/2"   |
| 9-43575 5/16" | 9-43587 9/16"  |

- 11 Six-Point Metric Deep Sockets**
- |             |              |
|-------------|--------------|
| 9-44401 4mm | 9-44407 10mm |
| 9-44402 5mm | 9-44408 11mm |
| 9-44403 6mm | 9-44409 12mm |
| 9-44404 7mm | 9-44411 13mm |
| 9-44405 8mm | 9-44412 14mm |
| 9-44406 9mm |              |

- 1/4 Drive Tools**
- 9-44807 QR Ratchet

#### 3/8 Drive Sockets

- 11 Six-Point Standard Sockets**
- |               |                |
|---------------|----------------|
| 9-42999 1/4"  | 9-43005 5/8"   |
| 9-43000 5/16" | 9-43006 11/16" |
| 9-43001 3/8"  | 9-43007 3/4"   |
| 9-43002 7/16" | 9-43008 13/16" |
| 9-43003 1/2"  | 9-43013 7/8"   |
| 9-43004 9/16" |                |

- 10 Twelve-Point Standard Sockets**
- |               |                |
|---------------|----------------|
| 9-44329 5/16" | 9-44335 5/8"   |
| 9-44331 3/8"  | 9-44336 11/16" |
| 9-44332 7/16" | 9-44337 3/4"   |
| 9-44333 1/2"  | 9-44338 13/16" |
| 9-44334 9/16" | 9-44339 7/8"   |

- 10 Six-Point Metric Sockets**
- |              |              |
|--------------|--------------|
| 9-43545 13mm | 9-43579 18mm |
| 9-43546 14mm | 9-43549 19mm |
| 9-43547 15mm | 9-43580 20mm |
| 9-43570 16mm | 9-43584 21mm |
| 9-43548 17mm | 9-43585 22mm |

#### Accessories

- 9-43373 Magnetic Handle  
10 Pieces Screwdriver Bit Set  
12 Pieces Nutdriver Bit Set Inch/Metric  
9-46696 Hex Key Set - Inch  
9-46677 Hex Key Set - Metric

#### 3/8 Drive Sockets (cont.)

- 10 Twelve-Point Metric Sockets**
- |              |              |
|--------------|--------------|
| 9-44304 13mm | 9-44307 17mm |
| 9-44305 14mm | 9-44312 18mm |
| 9-44306 15mm | 9-44308 19mm |
| 9-44311 16mm | 9-44314 21mm |

- 7 Six-Point Standard Deep Sockets**
- |               |                |
|---------------|----------------|
| 9-43333 3/8"  | 9-43335 5/8"   |
| 9-43331 7/16" | 9-43336 11/16" |
| 9-43332 1/2"  | 9-43337 3/4"   |
| 9-43334 9/16" |                |

- 8 Six-Point Metric Deep Sockets**
- |              |              |
|--------------|--------------|
| 9-44425 9mm  | 9-44429 13mm |
| 9-44426 10mm | 9-44431 14mm |
| 9-44427 11mm | 9-44432 15mm |
| 9-44428 12mm | 9-44433 16mm |

- 1 Spark Plug Socket**
- 9-43324 5/8"

- 3/8 Drive Tools**
- 9-44811 QR Ratchet  
9-44264 3" Extension Bar  
9-44261 5/8" Extension Bar

#### 1/2 Drive Sockets

- 13 Twelve-Point Standard Sockets**
- |                |                 |
|----------------|-----------------|
| 9-47501 7/16"  | 9-47512 7/8"    |
| 9-47502 1/2"   | 9-47513 15/16"  |
| 9-47503 9/16"  | 9-47514 1"      |
| 9-47505 5/8"   | 9-47515 1 1/16" |
| 9-47507 11/16" | 9-47516 1 1/8"  |
| 9-47508 3/4"   | 9-47517 1 1/4"  |
| 9-47511 13/16" |                 |

- 13 Twelve-Point Metric Sockets**
- |              |              |
|--------------|--------------|
| 9-44236 15mm | 9-44242 24mm |
| 9-44266 16mm | 9-44269 25mm |
| 9-44237 17mm | 9-44243 27mm |
| 9-44267 18mm | 9-44276 28mm |
| 9-44238 19mm | 9-44244 30mm |
| 9-44249 21mm | 9-44256 32mm |
| 9-44242 22mm |              |

- 1/2 Drive Tools**
- 9-44809 QR Teardrop Ratchet

#### Combination Wrenches

- 10 Six-Point Std Combination**
- |                |                |
|----------------|----------------|
| 9-44699 1/4"   | 9-44695 1/2"   |
| 9-44691 5/16"  | 9-44696 9/16"  |
| 9-44692 11/32" | 9-44697 5/8"   |
| 9-44693 3/8"   | 9-44698 11/16" |
| 9-44694 7/16"  | 9-44701 3/4"   |

- 9 Six Point Metric Combination**
- |              |              |
|--------------|--------------|
| 9-42911 7mm  | 9-42916 12mm |
| 9-42912 8mm  | 9-42917 13mm |
| 9-42913 9mm  | 9-42918 14mm |
| 9-42914 10mm | 9-42919 15mm |
| 9-42915 11mm |              |

# SOCKET SETS

## 1/4" DRIVE SOCKET SETS



### 25Pc. FRACTIONAL 12 POINT STANDARD/DEEP

- Standard deep 12 pt. 3/16-9/16"
- Quick release ratchet
- Includes blow molded case

#### 10 Twelve-Point Standard Sockets

9-43601 1/4"	9-43606 7/16"
9-43602 9/32"	9-43607 1/2"
9-43603 5/16"	9-43608 3/16"
9-43604 11/32"	9-43609 7/32"
9-43605 3/8"	9-43610 9/16"

#### 10 Twelve-Point Deep Sockets

9-43590 3/16"	9-43595 11/32"
9-43591 7/32"	9-43596 3/8"
9-43592 1/4"	9-43597 7/16"
9-43593 9/32"	9-43598 1/2"
9-43594 5/16"	9-43599 9/16"

#### Drive Tools

9-43539	3" Extension Bar
9-43531	6" Extension Bar
9-44807	QR Teardrop Ratchet
9-43393	Plastic Handle Driver
9-4280	Universal Joint

Wt. 2.3 lbs. - Professional Blow Mold



Part No.	Description
11090	25 Piece Socket Set

## 44 PIECE 6 POINT STANDARD/METRIC

#### Contents for Set

Standard: 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"  
 Metric: 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm  
 Standard Deep: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"  
 Metric Deep: 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm

Wt. 2.5 lbs.



Part No.	Description
11091	44 Piece 6Pt. Socket Set

## ULTRA SOCKET™

### WRENCH/SCREWDRIVER KIT

- Socket wrench, screwdriver, nutdriver in one tool
- 19 sockets (3/16-1/2, M5-M13, 1/4 drive)
- 12 screwdriver bits (Phil, Slot, Hex Torx)
- Reversible ratchet, head tilts and locks at 0, 45° and 90°, steel housing with rubber grip
- Includes durable polyester carrying pouch with belt slide.



Part No.	Description
10996	Wrench/Screwdriver Kit

## 15Pc. FRACTIONAL 6 POINT STANDARD



- Standard 6 pt. 3/16-9/16"
- Includes steel case



Part No.	Description
11058	15 Piece Socket Set

#### SOCKETS

Mfg. #	Size
10-006	3/16
10-007	7/32
10-008	1/4
10-009	9/32
10-010	5/16

#### SOCKETS

Mfg. #	Size
10-011	11/32
10-012	3/8
10-014	7/16
10-016	1/2
10-018	9/16

#### DRIVE TOOLS

Mfg. #	Description
10-921	Extension, 2"
10-923	Extension, 6"
10-943	Plastic Handle Driver, 6"
10-947	Universal Joint
10-972	Ratchet, 5 9/32"

## 25Pc. FRACTIONAL 12 POINT STANDARD/DEEP



- Standard deep 12 pt. 3/16-9/16"
- Includes steel case



Part No.	Description
11059	25 Piece Socket Set

#### SOCKETS

Mfg. #	Size
10-106	3/16
10-107	7/32
10-108	1/4
10-109	9/32
10-110	5/16
10-111	11/32
10-112	3/8
10-114	7/16
10-116	1/2
10-118	9/16

#### SOCKETS

Mfg. #	Size
10-306	3/16
10-307	7/32
10-308	1/4
10-309	9/32
10-310	5/16
10-311	11/32
10-312	3/8
10-314	7/16
10-316	1/2
10-318	9/16

#### DRIVE TOOLS

Mfg. #	Description
10-921	Extension, 2"
10-923	Extension, 6"
10-943	Plastic Handle Driver, 6"
10-947	Universal Joint
10-972	Ratchet, 5 9/32"

## 1/4" DRIVE ACCESSORIES



11050



11042

Part No.	Description
11050	5 1/4" Long Ratchet
11042	6" Extension
11046	3/8" Male Adapter
11043	Universal Joint



11046



11043

## SOCKET BARS

- Color coded socket bars made of high impact polymer



Part No.	Description
11300	Red Socket Bar Only
11301	Blue Socket Bar Only
11302	Bag of 15 1/4" Dr. Clips
11303	Bag of 15 3/8" Dr. Clips
11304	Bag of 15 1/2" Dr. Clips



# SOCKET SETS

## CHROME

- Made to industrial specifications assuring thin wall design with precise dimensions
- Radius corner design engages the flats, not corners, for 20% more torque
- Heat treated for added strength and durability
- Ratchets feature compact design with 10° angle head for use in confined areas, specially shaped handle conforms to the hand for comfort, enclosed head design seals out contaminants

## 3/8" DRIVE SOCKET SETS

### 53PC. METRIC STANDARD 12/6 POINT STANDARD/DEEP

- Fractional & Metric
- Quick release ratchet



#### 10 Twelve-Point Standard Sockets

9-44329 5/16"	9-44335 5/8"
9-44331 3/8"	9-44336 11/16"
9-44332 7/16"	9-44337 3/4"
9-44333 1/2"	9-44338 13/16"
9-44334 9/16"	9-44339 7/8"

#### 17 Six-Point Metric Sockets

9-43516 6mm	9-43547 15mm
9-43533 7mm	9-43570 16mm
9-43536 8mm	9-43548 17mm
9-43541 9mm	9-43579 18mm
9-43542 10mm	9-43549 19mm
9-43543 11mm	9-43580 20mm
9-43544 12mm	9-43584 21mm
9-43545 13mm	9-43585 22mm
9-43546 14mm	

#### 2 Spark Plug Sockets

9-43324 5/8"	9-43325 13/16"
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#### 11 Six-Point Metric Deep Sockets

9-44425 9mm	9-44432 15mm
9-44426 10mm	9-44433 16mm
9-44427 11mm	9-44434 17mm
9-44428 12mm	9-44435 18mm
9-44429 13mm	9-44436 19mm
9-44431 14mm	

#### Drive Tools

- 9-44811 QR Teardrop Ratchet
- 9-44264 3" Extension Bar
- 9-44261 6" Extension Bar
- 9-44262 10" Extension Bar

#### 9 Six-Point Standard Deep Sockets

9-43333 3/8"	9-43336 11/16"
9-43331 7/16"	9-43337 3/4"
9-43332 1/2"	9-43338 13/16"
9-43334 9/16"	9-43339 7/8"
9-43335 5/8"	

Part No.	Description
11189	53 Piece Socket Set

## EYE-D SOCKET SETS

- Extra large, easy to read size markings on each socket
- Distinctive fractional / metric differentiation
- Optimize readability in high or low light conditions
- Permanent laser etched markings match corrosion and wear resistance of the chrome plating
- Unique socket bar design, color coded



Part No.	Description
11173	13 pc. 6 pt. 3/8" dr. 1/4-1"
11169	12 pc. 6 pt. 3/8" dr. 8-19mm

## SOCKET SETS W/METAL RAIL



Part No.	Description
11177	10 pc. 12 pt. Std. 5/16-7/8
11178	10 pc. 6 pt. Deep 5/16-7/8
11180	10 pc. 12 pt. Deep 5/16-7/8
11181	12 pc. 12 pt. Std. M8-19
11184	12 pc. 12 pt. Deep M8-19



## 22PC. 12PT. STD./DEEP SET 3/8-7/8 w/BOX



Part No. 11174

CONTENTS: 18 sockets, 4 drive tools. In steel case. Approximate Weight, 9.89 Lbs.



#### SOCKETS

Mfg. #	Size
11-112	3/8
11-114	7/16
11-116	1/2
11-118	9/16
11-120	5/8
11-122	11/16
11-124	3/4
11-126	13/16
11-128	7/8

#### DEEP SOCKETS

Mfg. #	Size
11-312	3/8
11-314	7/16
11-316	1/2
11-318	9/16
11-320	5/8
11-322	11/16
11-324	3/4
11-326	13/16
11-328	7/8

#### DRIVE TOOLS

Mfg. #	Description
11-922	Extension, 3"
11-923	Extension, 6"
11-947	Universal Joint
11-972	Ratchet, 7 3/8"

## 16PC. 12PT. STD. SET M6-M19 w/BOX



Part No. 11182

CONTENTS: 14 sockets, 2 drive tools. In steel case. Approximate Weight, 6.73 Lbs.

#### SOCKETS

Mfg. #	Size
38-106	6mm
38-107	7mm
38-108	8mm
38-109	9mm
38-110	10mm
38-111	11mm
38-112	12mm

#### SOCKETS

Mfg. #	Size
38-113	13mm
38-114	14mm
38-115	15mm
38-116	16mm
38-117	17mm
38-118	18mm
38-119	19mm

#### DRIVE TOOLS

Mfg. #	Description
11-923	Extension, 6"
11-972	Ratchet, 7 3/8"

## 7PC. 12PT. WOBBLE SET 3/8-3/4 w/BOX



Part No. 11179

CONTENTS: 7 sockets, 7 socket clips (16-843). Socket bar (16-831). Approximate Weight, 0.89 Lbs.

#### SOCKETS

Mfg. #	Size
11-512	3/8
11-514	7/16
11-516	1/2
11-518	9/16

#### SOCKETS

Mfg. #	Size
11-520	5/8
11-522	11/16
11-524	3/4

## 3/8" DRIVE SOCKET SETS

### 28Pc. FRACTIONAL 6 POINT STANDARD/DEEP

- 3/8-1"
- Quick release ratchet
- Includes blow molded case



#### 13 Six-Point Standard Sockets

9-42999 1/4"	9-43006 11/16"
9-43000 5/16"	9-43007 3/4"
9-43001 3/8"	9-43008 13/16"
9-43002 7/16"	9-43013 7/8"
9-43003 1/2"	9-43020 15/16"
9-43004 9/16"	9-43021 1"
9-43005 5/8"	

#### 11 Six-Point Deep Sockets

9-43333 3/8"	9-43337 3/4"
9-43331 7/16"	9-43338 13/16"
9-43332 1/2"	9-43339 7/8"
9-43334 9/16"	9-43328 15/16"
9-43335 5/8"	9-43329 1"
9-43336 11/16"	

#### Drive Tools

9-44264	3" Extension Bar
9-44261	6" Extension Bar
9-44808	QR Teardrop Ratchet
9-4435	Universal Joint
Wt. 7.2 lbs. - Professional Blow Mold	



Part No.	Description
11168	28 Piece Socket Set



### 16Pc. FRACTIONAL 6 POINT STANDARD

- 3/16-9/16"
- Quick release ratchet
- Includes blow molded case



#### 13 Six-Point Standard Sockets

9-42999 1/4"	9-43006 11/16"
9-43000 5/16"	9-43007 3/4"
9-43001 3/8"	9-43008 13/16"
9-43002 7/16"	9-43013 7/8"
9-43003 1/2"	9-43020 15/16"
9-43004 9/16"	9-43021 1"
9-43005 5/8"	

#### Drive Tools

9-44264	3" Extension Bar
9-44261	6" Extension Bar
9-44808	QR Teardrop Ratchet
Wt. 3.3 lbs. - Professional Blow Mold	



Part No.	Description
11172	16 Piece Socket Set



### 9Pc. FRACTIONAL 6 POINT LASER-ETCHED STD./DEEP

- Easy-to-read size markings on each socket, resists fading, chipping and corrosion
- Includes plastic socket tray 3/8" - 7/8"



#### Contents for Set No. 11170

11105	9-45823 3/8"
11106	9-45824 7/16"
11107	9-45825 1/2"
11108	9-45826 9/16"
11109	9-45827 5/8"
11110	9-45828 11/16"
11111	9-45829 3/4"
11112	9-45831 13/16"
11113	9-45832 7/8"

#### Contents for Set No. 11171

11094	9-45835 3/8"
11095	9-45836 7/16"
11096	9-45837 1/2"
11097	9-45838 9/16"
11098	9-45839 5/8"
11099	9-45841 11/16"
11100	9-45842 3/4"
11101	9-45843 13/16"
11102	9-45844 7/8"

Part No.	Description
11170	9 Piece Standard Set
11171	9 Piece Deep Set

### 20Pc. METRIC 6/12 POINT STANDARD/DEEP

- 3/8"-3/4"
- Quick release ratchet
- Includes blow molded case



#### 7 Six-Point Deep Sockets

9-43333	3/8"
9-43331	7/16"
9-43332	1/2"
9-43334	9/16"
9-43335	5/8"
9-43336	11/16"
9-43337	3/4"

#### 8 Twelve-Point Standard Sockets

9-44331	3/8"	9-44336	11/16"
9-44332	7/16"	9-44337	3/4"
9-44333	1/2"	9-44325	13/16"
9-44334	9/16"	Spark Plug Socket	
9-44335	5/8"		

#### Drive Tools

9-43537	1 1/2" Extension Bar
9-44264	3" Extension Bar
9-44261	6" Extension Bar
9-4435	Universal Joint
9-44811	QR Ratchet



Part No.	Description
11185	20 Piece Socket Set



### 17Pc. METRIC 12 POINT STANDARD

- M6-M21
- Quick release ratchet
- Includes blow molded case

#### 15 Twelve-Point Point Metric Sockets

9-44294	6mm	9-44305	14mm
9-44295	7mm	9-44306	15mm
9-44296	8mm	9-44311	16mm
9-44301	9mm	9-44307	17mm
9-44302	10mm	9-44312	18mm
9-44309	11mm	9-44308	19mm
9-44303	12mm	9-44314	21mm
9-44304	13mm		

#### Drive Tools

9-44264	3" Extension Bar
9-44808	QR Teardrop Ratchet
Wt. 6.2 lbs. - Professional Blow Mold	



Part No.	Description
11186	17 Piece Socket Set



### 9Pc. METRIC 6 POINT DEEP

9-44414	10mm	9-44421	16mm
9-44416	12mm	9-44422	17mm
9-44417	13mm	9-44423	18mm
9-44418	14mm	9-44424	19mm
9-44419	15mm		



Part No.	Description
11188	9 Piece Six-Point Metric Deep

### 23Pc. HEX/SCREW BIT SOCKET SET

#### 6 Standard Hex Bit Sockets

9-46669 5/32"	9-46663 1/4"
9-46661 3/16"	9-46664 5/16"
9-46662 7/32"	9-46665 3/8"

#### 3 Slotted

9-42651 .030x7/32"	9-42653 .055x3/8"
9-42652 .039x9/32"	

#### 6 Metric Hex Bit Sockets

9-42674 4mm	9-42677 7mm
9-42675 5mm	9-42678 8mm
9-42676 6mm	9-42679 10mm

#### 4 Phillips

9-44369 #1	9-44372 #3
9-44371 #2	9-44373 #4

#### 4 Torx® Bit Sockets

9-42664 T-30	9-42666 T-45
9-42665 T-40	9-42667 T-50

Wt. 2.0 lbs. - Carton



Part No.	Description
11147	23 Pc. 3/8" Drive Standard Bit Socket Set

# SOCKET ACCESSORIES



## 3/8" DRIVE



11159



11160



11150



11148

## RATCHETS

Part No.	Description
11159	Teardrop Ratchet
11150	Ergo-Flex Ratchet
11160	Flex Head Ratchet

## ACCESSORIES

Part No.	Description
11119	3/8" Drive Universal Joint
11151	3/8F x 1/2M Drive Socket Adapter
11155	3" - 3/8" Drive Extension Bar
11156	6" - 3/8" Drive Extension Bar
11157	10" - 3/8" Drive Extension Bar
11152	3" - 3/8" Drive Locking Extension Bar
11153	6" - 3/8" Drive Locking Extension Bar
11154	10" - 3/8" Drive Locking Extension Bar
11148	10" - 3/8" Drive Flex Hinge Handle



11156



11119



11151

## 3/8" DRIVE ACCESSORIES

Part No.	Description
11162	7 3/8" Long Teardrop Ratchet
11164	7 5/8" Long Round Hd. Ratchet
11166	9 1/2" Long Flex Head Ratchet
11199	6" Extension
11158	12" Extension



11162



11164



## SOCKET BARS

- Color coded socket bars made of high impact polymer



Part No.	Description
11300	Red Socket Bar Only
11301	Blue Socket Bar Only
11302	Bag of 15 1/4" Dr. Clips
11303	Bag of 15 3/8" Dr. Clips
11304	Bag of 15 1/2" Dr. Clips



## 3/8" DRIVE PASS-THRU® SOCKET SYSTEM

### THROUGH-HOLE ACCESS - 3/8-3/4" STD / M10-19 METRIC

- Pass-thru ratchet and socket system reaches where other sockets can't
- 5° ratcheting arc engages in tight spots
- Thin height design for access in confined areas
- Adapters for standard 1/4 & 3/8 height drive sockets, compartmented case included



Part No.	Description
11404	21 Pc. 3/8" Drive GearRatchet™ Set 3/8, 7/16, 1/2, 9/16, 11/16, 3/4 Sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm Sockets (2) Dr. Adapters (1/4 & 3/8) (1) 3" Extension (1) 3/8" Dr. GearRatchet™ Handle

## 6 POINT STANDARD SOCKETS - LASER ETCHED

Part No.	Mfg. No.	Size
11105	9-45823	3/8"
11106	9-45824	7/16"
11107	9-45825	1/2"
11108	9-45826	9/16"
11109	9-45827	5/8"
11110	9-45828	11/16"
11111	9-45829	3/4"
11112	9-45831	13/16"
11113	9-45832	7/8"
11114	9-45833	15/16"
11115	9-45834	1"



## 6 POINT DEEP SOCKETS - LASER ETCHED

Part No.	Mfg. No.	Size
11094	9-45835	3/8"
11095	9-45836	7/16"
11096	9-45837	1/2"
11097	9-45838	9/16"
11098	9-45839	5/8"
11099	9-45841	11/16"
11100	9-45842	3/4"
11101	9-45843	13/16"
11102	9-45844	7/8"
11103	9-45845	15/16"
11104	9-45846	1"



## HEX BIT SOCKETS

Part No.	Mfg. No.	Size
11134	9-46668	1/8"
11135	9-46669	5/32"
11136	9-46661	3/16"
11138	9-46662	7/32"
11139	9-46663	1/4"
11141	9-46664	5/16"
11142	9-46665	3/8"



## 3/8" DRIVE FITS ALL™ SOCKET SET GO THRU HEX™

- Pass through ratchet and socket system reaches over long studs and rods where other sockets can't
- FITS ALL™ sockets work on standard (5/16-3/4), metric (M8-M19), square, 6 point star, 12 point spline (E10-E24), and 8 point
- 72 tooth geared offset reversible ratchet
- Ergonomic TPR rubber grip ratchet
- Contains (11) 3/8" drive sockets, (1) deep socket adapter, (1) Go Thru ratchet, (2) standard ratchet adapters, (1) 3" extension, (1) 5/8" spark plug socket



Part No.	Description
11403	Fits All™ Socket Set

HAND TOOLS

## CHROME

- Made to industrial specifications assuring thin wall design with precise dimensions
- Radius corner design engages the flats, not corners, for 20% more torque
- Heat treated for added strength and durability
- Ratchets feature compact design with 10° angle head for use in confined areas, specially shaped handle conforms to the hand for comfort, enclosed head design seals out contaminants

### 3/8" DRIVE

#### 6PC. TORX DRIVER SOCKET SET W/BAR



#### Part No. 11146

CONTENTS: 6 torx drivers, 6 socket clips (16-843). Socket bar (16-831). Approximate Weight, 0.69 Lbs.

#### SOCKETS

Mfg. #	Size
11-872	T15
11-874	T20
11-876	T25

#### SOCKETS

Mfg. #	Size
11-878	T27
11-880	T30
11-882	T40

### 3/8" & 1/2" DRIVE

#### 10PC. SET 1/8-5/8 W/BOX

CONTENTS: 10 hex drivers in blow molded case. Approximate Weight, 3.05 Lbs.



#### SOCKETS

Mfg. #	Size
11-708	1/8
11-710	5/32
11-711	3/16
11-712	7/32
11-713	1/4

#### SOCKETS

Mfg. #	Size
11-714	5/16
11-715	3/8
12-717	1/2
12-718	9/16
12-719	5/8



#### Part No. 11144

#### 10PC. SET M4-M17 W/BOX

CONTENTS: 10 metric hex driver sockets in blow molded case. Approximate Weight, 2.96 Lbs.



#### SOCKETS

Mfg. #	Size
38-707	4mm
38-709	5mm
38-711	6mm
38-712	7mm
38-713	8mm

#### SOCKETS

Mfg. #	Size
38-714	9mm
38-715	10mm
39-717	12mm
39-719	14mm
39-722	17mm



#### Part No. 11145

## EYE-D

- Extra large, easy to read size markings on each socket
- Distinctive fractional / metric differentiation
- Optimize readability in high or low light conditions
- Permanent laser etched markings match corrosion and wear resistance of the chrome plating
- Unique socket bar design, color coded

### 1/2" DRIVE

#### 18PC. 12PT. STD. SET 3/8-1 1/4 W/BOX



#### Part No. 11288

CONTENTS: 15 sockets, 3 drive tools. Steel case (16-629). Approximate Weight, 19.08 Lbs. (MFG. No. 15-525)

#### SOCKETS

Mfg. #	Size
12-112	3/8
12-114	7/16
12-116	1/2
12-118	9/16
12-120	5/8
12-122	11/16
12-124	3/4
12-126	13/16

#### SOCKETS

Mfg. #	Size
12-128	7/8
12-130	15/16
12-132	1
12-134	1 1/16
12-136	1 1/8
12-138	1 3/16
12-140	1 1/4

#### DRIVE TOOLS

Mfg. #	Description
12-918	Breaker Bar, 17"
12-923	Extension, 5"
12-972	Ratchet, 10 1/2"

### 1/2" DRIVE SETS



11273

#### PLASTIC SOCKET RAIL

Part No.	Description
11273	15 pc. 6 pt. 1/2" dr. 3/8-1 1/4"
11274	15 pc. 6 pt. 1/2" dr. 10-24mm



#### METAL SOCKET BAR

Part No.	Description
11279	15 pc. 6 pt. Std. 3/8-1 1/4
11281	15 pc. 12 pt. Deep 3/8-1 1/4
11284	15 pc. 6 pt. Std. M10-24
11285	15 pc. 6 pt. Deep M10-24



11284



## 1/2" DRIVE SOCKET SETS

### 18Pc. FRACTIONAL 12 POINT STANDARD

- Quick release ratchet
- Includes blow molded case

#### 15 Twelve-Point Standard Sockets

9-47500 3/8"	9-47512 7/8"
9-47501 7/16"	9-47513 15/16"
9-47502 1/2"	9-47514 1"
9-47503 9/16"	9-47515 1 1/16"
9-47505 5/8"	9-47516 1 1/8"
9-47507 11/16"	9-47510 1 3/16"
9-47508 3/4"	9-47517 1 1/4"
9-47511 13/16"	



#### Drive Tools

9-44131 6" Extension Bar  
 9-44809 QR Teardrop Ratchet  
 9-44201 15" Flex T Handle  
 Wt. 7.7 lbs. - Professional Blow Mold

Part No.	Description
11275	18 Piece Socket Set

### 20Pc. METRIC 12 POINT STANDARD

- M10-26
- Quick release ratchet
- Includes blow molded case

#### 17 Standard Sockets

9-44232 10mm	9-44238 19mm
9-44229 11mm	9-44268 20mm
9-44233 12mm	9-44249 21mm
9-44234 13mm	9-44239 22mm
9-44235 14mm	9-44240 23mm
9-44236 15mm	9-44242 24mm
9-44266 16mm	9-44269 25mm
9-44237 17mm	9-44272 26mm
9-44267 18mm	



#### Drive Tools

9-44131 6" Extension Bar  
 9-44809 QR Teardrop Ratchet  
 9-44201 15" Flex T Handle  
 Wt. 8.4 lbs. - Professional Blow Mold

Part No.	Description
11276	20 Piece Socket Set

### 11Pc. FRACTIONAL 12 POINT DEEP

- Craftsman® sockets use head lock grip design directing torque pressure to the strongest part of the socket to minimize wear on tool and fastener

#### 11 Twelve-Point Standard Sockets

9-47521 1/2"	9-47528 7/8"
9-47522 9/16"	9-47529 15/16"
9-47523 5/8"	9-47531 1"
9-47524 11/16"	9-47532 1 1/16"
9-47525 3/4"	9-47533 1 1/8"
9-47527 13/16"	



Part No.	Description
11277	11 Piece Socket Set

### 13Pc. FRACTIONAL 12 POINT STANDARD

- 7/16-1 1/4"

#### 13 Twelve-Point Standard Sockets

9-47501 7/16"	9-47512 7/8"
9-47502 1/2"	9-47513 15/16"
9-47503 9/16"	9-47514 1"
9-47505 5/8"	9-47515 1 1/16"
9-47507 11/16"	9-47516 1 1/8"
9-47508 3/4"	9-47517 1 1/4"
9-47511 13/16"	



Wt. 3.4 lbs. - Carton

Part No.	Description
11283	13 Piece Socket Set

### 10Pc. FRACTIONAL LASER ETCH 6 POINT STANDARD

- Laser etch Eye-D markings on each socket, resist fading chipping and corrosion

Part No.	Description
11289	10 Piece Socket Set



Part No.	Mfg. No.	Size	Part No.	Mfg. No.	Size
11226	9-45883	3/8"	11231	9-45888	11/16"
11227	9-45884	7/16"	11232	9-45889	3/4"
11228	9-45885	1/2"	11233	9-45890	13/16"
11229	9-45886	9/16"	11234	9-45891	7/8"
11230	9-45887	5/8"	11235	9-45892	15/16"

## 1/2" DRIVE ACCESSORIES



### RATCHETS

Part No.	Description
11262	Teardrop Ratchet
11266	Flex Head Ratchet



11265



11259

### ACCESSORIES

Part No.	Description
11248	1/2" Drive Universal Joint
11255	1/2F x 3/8M Drive Socket Adapter
11256	1/2F x 3/4M Drive Socket Adapter
11258	3" - 1/2" Drive Extension Bar
11259	6" - 1/2" Drive Extension Bar
11260	10" - 1/2" Drive Extension Bar
11265	15" - 1/2" Drive Flex Hinge Handle

### 6 POINT STANDARD SOCKETS - LASER ETCHED

Part No.	Mfg. No.	Size
11226	9-45883	3/8"
11227	9-45884	7/16"
11228	9-45885	1/2"
11229	9-45886	9/16"
11230	9-45887	5/8"
11231	9-45888	11/16"
11232	9-45889	3/4"
11233	9-45890	13/16"
11234	9-45891	7/8"
11235	9-45892	15/16"



### 6 POINT DEEP SOCKETS - LASER ETCHED

Part No.	Mfg. No.	Size
11240	9-45932	9/16"
11241	9-45933	5/8"
11242	9-45934	11/16"
11243	9-45935	3/4"
11244	9-45936	13/16"
11245	9-45937	7/8"



HAND TOOLS

# ACCESSORIES



11268



11270

## 1/2" DRIVE

Part No.	Description
11268	10" Ratchet
11270	16" Ratchet



11315



11317



11318

## 3/4" DRIVE

Part No.	Description
11315	19" Ratchet
11317	5" Long Extension
11322	1/2" Male Adapter
11316	1" Male Adapter
11318	Hinge Handle



Adapter

## 3/4" DRIVE SOCKET SET



### 24Pc. FRACTIONAL 12 POINT STANDARD

- Standard 12 pt. 7/8-1 7/16"

#### 24 Twelve-Point Standard Sockets

9-47771 7/8"	9-47784 1 11/16"
9-47772 15/16"	9-47785 1 3/4"
9-47773 1"	9-47786 1 13/16"
9-47774 1 1/16"	9-47787 1 7/8"
9-47775 1 1/8"	9-47788 2"
9-47776 1 3/16"	9-47789 2 1/8"
9-47777 1 1/4"	9-47779 1 3/8"
9-47778 1 5/16"	9-47781 1 7/16"
9-47782 1 1/2"	9-47791 2 3/16"
9-47783 1 5/8"	9-47792 2 1/4"



#### Drive Impact Tools

- 9-44804 QR Teardrop Ratchet
- 9-4440 5" Extension Bar
- 9-4441 8" Extension Bar
- 9-4442 16" Extension Bar

Wt. 35.3 lbs. - Reusable Blow Mold

Part No.	Description
11310	24 Piece Socket Set
11311	QR Teardrop Ratchet

## IMPACT SOCKETS - DEEP

### 1/2" DRIVE

Part No.	Mfg. No.	Description
11351	20-224	3/4" Deep Socket
11352	20-226	13/16" Deep Socket
11353	20-228	7/8" Deep Socket
11354	20-230	15/16" Deep Socket
11355	20-232	1" Deep Socket
11356	20-234	1 1/16" Deep Socket
11357	20-236	1 1/8" Deep Socket
11360	20-947	Universal Joint
11361	20-923	5" Extension
11363	20-952	1/2" F x 3/4" M Adapter

### 3/4" DRIVE

Part No.	Mfg. No.	Description
11380	21-224	3/4" Deep Socket
11382	21-228	7/8" Deep Socket
11383	21-230	15/16" Deep Socket
11384	21-232	1" Deep Socket
11385	21-234	1 1/16" Deep Socket
11386	21-236	1 1/8" Deep Socket
11388	21-240	1 1/4" Deep Socket
11392	21-248	1 1/2" Deep Socket
11400	21-947	Universal Joint
11401	21-952	3/4" F x 1" M Adapter
11462	22-951	1" F x 3/4" M Adapter



Deep Socket



Universal Joint



Adapter

### 1" DRIVE

Part No.	Mfg. No.	Description
11455	22-505	6Pt. Budd Wheel Socket

## MAXX RATCHETS

### EXTREME DUTY

- Longer handles for greater leverage
- 60 machine geared teeth create a larger contact area for superior strength
- Designed to distribute force around the outer walls of the ratchet head for extreme torque strength
- Enclosed head is o-ring sealed to resist dirt infiltration, a leading cause in tool failure
- Ergonomic, comfort grip handles minimize fatigue
- Recessed shift lever prevents accidental shifting



### TEARDROP

Part No.	Description	Length
11044	1/4" Drive	5.4"
11165	3/8" Drive	8"
11267	1/2" Drive	10"

### LOCKING FLEX

- 9-position locking flex head maintains fixed position and angle
- 50% longer than standard handles for greater leverage



Part No.	Description
11045	1/4" Drive
11167	3/8" Drive
11272	1/2" Drive



### INDEXABLE

- Strip-proof indexing mechanism engages with 18 pins that snap into next available position, eliminates accidental disconnection of position under load
- Indexable to 11 positions or angles for extreme accessibility
- Precision engineered 72 teeth ratcheting mechanism provides tight swing arc that minimizes need to remove obstructions
- Effortless push-button set/release adjustment



Part No.	Description
11263	1/2" Drive

# IMPACT SOCKETS

## IMPACT

- For use only on impact drivers
- Made of high alloy steel for greater strength and durability
- Laser etched EYE-D markings on each socket resist fading, chipping and corrosion
- Socket wall dimensions are optimized for added strength while providing access to restricted fasteners

### 3/8" DRIVE

#### 9PC. 6PT. DEEP SET 1/4-3/4 W/BAR



Part No. 11183

CONTENTS: Socket bar (16-831) and 9 socket clips (16-843).  
Approximate Weight, 1.25 Lbs.

#### SOCKETS

Mfg. #	Size
19-708	1/4
19-710	5/16
19-712	3/8
19-714	7/16
19-716	1/2

#### SOCKETS

Mfg. #	Size
19-718	9/16
19-720	5/8
19-722	11/16
19-724	3/4

### 1/2" DRIVE

#### 12PC. 6PT. DEEP SET



12 Six-Point Standard Sockets			
9-19441	3/8"	9-19447	3/4"
9-19442	7/16"	9-19448	13/16"
9-19443	1/2"	9-19449	7/8"
9-19444	9/16"	9-19425	15/16"
9-19445	5/8"	9-19426	1"
9-19446	11/16"	9-19427	1 1/16"

Wt. 6.9 lbs. - Blow Molded Case



Part No. 11367

### 1/2" DRIVE

#### 27PC. 6PT. SET



12 Six-Point Standard Impact Sockets			
9-19431	3/8"	9-19437	3/4"
9-19432	7/16"	9-19438	13/16"
9-19433	1/2"	9-19439	7/8"
9-19434	9/16"	9-19422	15/16"
9-19435	5/8"	9-19423	1"
9-19436	11/16"	9-19424	11/16"

#### 12 Six-Point Standard Deep Impact Sockets

9-19441	3/8"	9-19447	3/4"
9-19442	7/16"	9-19448	13/16"
9-19443	1/2"	9-19449	7/8"
9-19444	9/16"	9-19425	15/16"
9-19445	5/8"	9-19426	1"
9-19446	11/16"	9-19427	11/16"

#### Drive Impact Tools

9-19498	3" Extension Bar
9-19493	6" Extension Bar
9-19492	Universal Joint

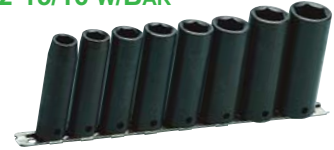
Wt. 11.8 lbs. - Carton



Part No. 11372

### 1/2" DRIVE

#### 8PC. 6PT. DEEP SET 1/2-15/16 W/BAR



Part No. 11371

CONTENTS: Socket bar (16-831) and 8 socket clips (16-845).  
Approximate Weight, 5.09 Lbs.

#### SOCKETS

Mfg. #	Size
20-216	1/2
20-218	9/16
20-220	5/8
20-222	11/16

#### SOCKETS

Mfg. #	Size
20-224	3/4
20-226	13/16
20-228	7/8
20-230	15/16

### 1/2" DRIVE

#### 11PC. 6PT. STD. SET 1/2- 1 1/8 W/BAR



- Extra large, easy to read size markings on each socket
- Optimize readability in high or low light conditions
- Unique socket bar design, color coded



CONTENTS: Socket bar, 11 socket clips  
Approximate Weight, 5 Lbs.

Part No. 11368

#### SOCKETS

Mfg. #	Size
20-016	1/2
20-018	9/16
20-020	5/8
20-022	11/16

#### SOCKETS

Mfg. #	Size
20-024	3/4
20-026	13/16
20-028	7/8
20-030	15/16

#### SOCKETS

Mfg. #	Size
20-032	1
20-034	1 1/16
20-036	1 1/8

### 1/2" DRIVE

#### 14PC. 6PT. DEEP SET M10-24



Part No. 11373



#### SOCKETS

Mfg. #	Size
47-010	10mm
47-011	11mm
47-012	12mm
47-013	13mm
47-014	14mm

#### SOCKETS

Mfg. #	Size
47-015	15mm
47-016	16mm
47-017	17mm
47-018	18mm
47-019	19mm

#### SOCKETS

Mfg. #	Size
47-020	20mm
47-021	21mm
47-022	22mm
47-024	24mm

### 3/4" DRIVE

#### 14PC. 6PT. STD. SET 3/4-1 5/8"



Part No. 11402



#### SOCKETS

Mfg. #	Size
21-024	3/4
21-026	13/16
21-028	7/8
21-030	15/16
21-032	1

#### SOCKETS

Mfg. #	Size
21-034	1 1/16
21-036	1 1/8
21-038	1 3/16
21-040	1 1/4
21-042	1 5/16

#### SOCKETS

Mfg. #	Size
21-044	1 3/8
21-046	1 7/16
21-048	1 1/2
21-052	1 5/8

# GEARED WRENCHES

## STANDARD

- Surface conforming drive notches on open end grip the flats of fastener providing up to 25% more torque
- Long pattern forging for better leverage
- Precisely machined 72 tooth steel insert creates a short ratcheting arc, as little as 5°
- All steel gear construction offers up to 25% more strength than conventional ratcheting box wrenches



### Contents for Set No. 11410

- 25-812 3/8"
- 25-814 7/16"
- 25-816 1/2"
- 25-818 9/16"
- 25-820 5/8"
- 25-822 11/16"
- 25-824 3/4"

Wt. 2.6 lbs.

Part No.	Description
11410	7Pc. Set 3/8-3/4"
11411	10Pc. Set M10-19

### Contents for Set No. 11411

- 52-810 10mm
- 52-811 11mm
- 52-812 12mm
- 52-813 13mm
- 52-814 14mm
- 52-815 15mm
- 52-816 16mm
- 52-817 17mm
- 52-818 18mm
- 52-819 19mm

Wt. 3 lbs.

## REVERSIBLE

- Delivers 25% more torque than competitive designs
- Quick, one hand reversible action
- Requires as little as 5° to move a fastener
- 12° offset design improves performance and safety
- One piece, all steel construction, won't split apart like traditional designs



### Contents for Set No. 11415

Part No.	Size
11655	3/8
11656	7/16
11657	1/2
11658	9/16
11659	5/8
11660	11/16
11661	3/4

Wt. 2.6 lbs.

Part No.	Description
11415	7Pc. Set 3/8-3/4"
11416	10Pc. Set M10-19

### Contents for Set No. 11416

- 54-810 10mm
- 54-811 11mm
- 54-812 12mm
- 54-813 13mm
- 54-814 14mm
- 54-815 15mm
- 54-816 16mm
- 54-817 17mm
- 54-818 18mm
- 54-819 19mm

Wt. 3 lbs.

## STANDARD

- Large tooth profile for maximum gear contact and ratchet strength
- Patented gear configuration eliminates slack for efficient fastener turning
- Gear-release feature increases mobility in tight spots



### Contents for Set No. 11412

- 9-42633 5/16"
- 9-42634 3/8"
- 9-42635 7/16"
- 9-42636 1/2"
- 9-42637 9/16"
- 9-42638 5/8"
- 9-42639 3/4"
- 9-42647 11/16"

### Contents for Set No. 11413

- 9-42640 8mm
- 9-42641 10mm
- 9-42642 12mm
- 9-42643 13mm
- 9-42644 14mm
- 9-42645 15mm
- 9-42646 18mm

Part No.	Description
11412	Standard 5/16 through 3/4
11413	Metric M8 through M18

## REVERSIBLE

- Ratcheting box end, one handed reversing lever
- 12° offset for knuckle clearance
- Fine tooth ratchet engages with only 5° arc



### Contents for Set No. 11417

Part No.	Size
11662	5/16
11663	3/8
11664	7/16
11665	1/2
11666	9/16
11667	5/8
11668	11/16
11669	3/4

\*Indicates sizes in Set No. 11418

Part No.	Size
11670*	8mm
11671*	10mm
11672	11mm
11673*	12mm
11674*	13mm
11675*	14mm
11676*	15mm
11677	16mm
11678*	17mm
11679*	18mm
11680	19mm

Part No.	Description
11417	Standard 5/16 through 3/4
11418	Metric M8 through M18

## LOCKING FLEX HEAD

- Lever switch locks head in position
- 11 positions, 180° head rotation
- Full polish, extra long length



Part No.	Description
11432	7 Piece Standard Locking Wrench Set
11433	7 Piece Metric Locking Wrench Set

### Contents for Set No. 11432

Part No.	Mfg. No.	Size
11681	9-42470	5/16
11682	9-42471	3/8
11683	9-42472	7/16
11684	9-42473	1/2
11685	9-42474	9/16
11686	9-42475	5/8
11688	9-42476	3/4

### Contents for Set No. 11433

- 9-42477 8mm
- 9-42478 10mm
- 9-42479 12mm
- 9-42480 13mm
- 9-42481 15mm
- 9-42482 17mm
- 9-42483 19mm

# GEARED / RATCHET WRENCHES

## GEARWRENCH SYSTEM

### FLEX HEAD RATCHETING WRENCH SETS

- Surface Drive® provides stronger grip, more torque
- Reduces fastener rounding
- Flex head tilts up to 180° interval
- Adjustable set screw - allows you to set desired head tension
- Ratcheting box-end needs as little as 5° to move fastener VS. 30° for standard box end wrenches



Part No.	Description
11422	7 Pc. Set: 3/8 - 3/4"
11423	7 Pc. Set: M10 - 19mm
11424	13 Pc. Set: 5/16 - 1"

### EXTRA LONG LOCKING FLEX HEAD

- 13 locking positions with flexible head
- One finger operated lever with options of "locking" or "not locking" positions
- 15% longer than current Flex Head Ratcheting Wrench, to access hard to reach fasteners



Part No.	Description
11428	8 Pc. Set Contains: 5/16 - 3/4"
11429	12 Pc. Set Contains: M8 - 19mm

### S-SHAPE / REVERSIBLE

- S-shape reaches around obstacles
- Reversible lever, 5° engagement increases productivity
- Precise grip pattern eliminates slipping, reduces fastener rounding



Part No.	Description
11430	4 Pc. Set Contains: 3/8 x 7/16, 1/2 x 9/16, 5/8 x 11/16, 3/4 x 7/8
11431	5 Pc. Set Contains: M10 x 12, M11 x 13, M14 x 16, M15 x 17, M19 x 22

### RATCHETING BOX END WRENCH SET

#### 5 PIECE 12 POINT STANDARD

- Thin head design allows access to tight spaces
- Heat treated for strength and durability
- Nickel chrome-plated for lasting appearance

#### Sets Contain:

- 14" x 5/16"
- 3/8" x 7/16"
- 1/2" x 9/16"
- 5/8" x 3/4"
- 11/16" x 7/8"



Straight



Offset

Part No.	Description
11653	5 Piece Straight Box
11651	5 Piece Offset Box



### 5PC. SET 1/4-7/8 w/VINYL ROLL

#### 25° OFFSET - RATCHETING BOX END



CONTENTS: Vinyl Roll (29-420).  
Approximate Weight, 2.20 Lbs.  
(Mfg. No. 27-635)

#### 6PT. OFFSET

Mfg. #	Size
27-613	1/4 x 5/16
27-616	3/8 x 7/16
27-619	1/2 x 9/16

#### 12PT. OFFSET

Mfg. #	Size
27-622	5/8 x 11/16
27-626	3/4 x 7/8



Part No.  
11654

### 7PC. RATCHET BOX SET M7-21 w/VINYL ROLL

#### 25° OFFSET - RATCHETING BOX END



CONTENTS: Vinyl Roll (29-436).  
Approximate Weight, 3.60 Lbs.

#### 6PT. OFFSET

Mfg. #	Size
54-637	7mm x 8mm
54-640	9mm x 10mm
54-643	11mm x 12mm
54-646	13mm x 14mm

#### 12PT. OFFSET

Mfg. #	Size
54-649	15mm x 17mm
54-652	16mm x 18mm
54-655	19mm x 21mm



Part No.  
11652

### DOUBLE BOX END RATCHETING WRENCH SET

#### 8 PIECE 12 POINT STANDARD/METRIC

#### Contents for Set

5/16" x 3/8", 7/16" x 1/2", 9/16" x 5/8",  
11/16" x 3/4", 8 x 10mm, 12 x 13mm,  
15 x 17mm, 18 x 19mm

Wt. 3.4 lbs.



Part No.	Description
11650	8 Piece Ratcheting Wrench Set

### RATCHETING - REVERSIBLE CROSS-FORCE COMBINATION WRENCH SETS

- Ergonomically designed for increased torque delivery
- 15° offset handle allows greater access in tight spaces
- Unique beam design
- Allows you to apply force to the flat reducing hand fatigue

Up to 525% increase in surface contact area, applying force to flat surface reduces hand fatigue



#### 7 PIECE SETS

Part No.	Description
11406	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4
11407	10, 12, 13, 14, 15, 17, 18mm



# WRENCH SETS

## CHROME - FULL POLISH FINISH

- Bright chrome, fully polished mirror finish

### 7PC. SET 3/8-3/4 w/VINYL ROLL

CONTENTS:  
Vinyl Roll (29-432)  
Approximate Weight, 1.87 Lbs.

Mfg. #	Size	Mfg. #	Size
25-212	3/8	25-220	5/8
25-214	7/16	25-222	11/16
25-216	1/2	25-224	3/4
25-218	9/16		



Part No.  
**11593**

### 15PC. SET 5/16-1 1/4 w/VINYL ROLL

CONTENTS:  
Vinyl Roll (29-468)  
Approximate Weight, 10.39 Lbs.

Mfg. #	Size	Mfg. #	Size	Mfg. #	Size
25-210	5/16	25-220	5/8	25-230	15/16
25-212	3/8	25-222	11/16	25-232	1
25-214	7/16	25-224	3/4	25-234	1 1/16
25-216	1/2	25-226	13/16	25-236	1 1/8
25-218	9/16	25-228	7/8	25-240	1 1/4



Part No.  
**11588**

### 15PC. SET M7-M21 w/VINYL ROLL

Part No.  
**11760**



CONTENTS: Vinyl Roll (29-468)  
Approximate Weight, 6.23 Lbs.

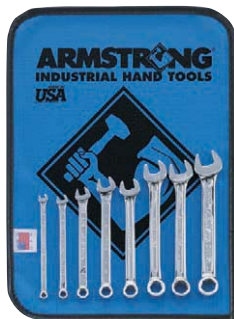
Mfg. #	Size	Mfg. #	Size	Mfg. #	Size
52-207	7mm	52-212	12mm	52-217	17mm
52-208	8mm	52-213	13mm	52-218	18mm
52-209	9mm	52-214	14mm	52-219	19mm
52-210	10mm	52-215	15mm	52-220	20mm
52-211	11mm	52-216	16mm	52-221	21mm

### 8PC. SET 1/8-3/8 w/VINYL ROLL

#### MIDGET - FULL POLISH

CONTENTS: Vinyl Roll (29-438)  
Approximate Weight, 0.38 Lbs.

Mfg. #	Size	Mfg. #	Size
25-004	1/8	25-009	9/32
25-005	5/32	25-010	5/16
25-006	3/16	25-011	11/32
25-008	1/4	25-012	3/8



Part No.  
**11758**

### 18 PIECE WRENCH SET - 12 POINT

- Heat treated alloy steel, chrome plated, twelve point

#### 18 Piece Standard

9-45973 1/4"	9-45983 7/8"
9-45974 5/16"	9-45978 9/16"
9-45975 3/8"	9-45985 1"
9-45976 7/16"	9-45951 1 1/8"
9-45977 1/2"	9-45953 1 5/16"
9-45979 5/8"	9-45984 1 5/16"
9-45980 11/16"	9-45950 1 1/16"
9-45981 3/4"	9-45952 1 1/4"
9-45982 13/16"	9-45954 1 1/2"

Wt. 16.9 lbs. - Carton

Part No.	Description
11759	18 Piece Combination Wrench Set



### STUBBY WRENCH SETS - TWELVE POINT

- Full polish finish, heat treated

#### 11 Standard Combination Wrenches

9-44103 3/8"	9-44109 3/4"
9-44104 7/16"	9-44099 13/16"
9-44105 1/2"	9-44100 7/8"
9-44106 9/16"	9-44102 15/16"
9-44107 5/8"	9-44110 1"
9-44108 11/16"	

#### 12 Metric Combination Wrenches

9-44113 10mm	9-44118 17mm
9-44114 12mm	9-44119 18mm
9-44115 13mm	9-44120 19mm
9-44116 14mm	9-44122 20mm
9-44117 15mm	9-44124 21mm
9-44140 16mm	9-44130 22mm



Part No.	Description
11592	20 Pc. SAE/Metric 3/8-15/16", M10-20
11594	7 Piece Fractional 3/8-3/4"
11589	11 Piece Metric M10-22*
11595	11 Piece Fractional 3/8-1"

### CROSS-FORCE COMBINATION WRENCH SETS

- Ergonomically designed for increased torque delivery
- 15° offset handle allows greater access in tight spaces
- Unique beam design
- Allows you to apply force to the flat reducing hand fatigue



Up to 525% increase in surface contact area, applying force to flat surface reduces hand fatigue



#### 8 PIECE SETS

Part No.	Description
11583	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4
11584	8, 10, 12, 13, 14, 15, 17, 18mm

## COMBINATION WRENCH SETS - SATIN FINISH

### 10Pc. 6 POINT

Contents for Set No. 11585

- 9-44384 7/16"
- 9-44385 1/2"
- 9-44386 9/16"
- 9-44387 5/8"
- 9-44388 11/16"
- 9-44389 3/4"
- 9-44390 13/16"
- 9-44391 7/8"
- 9-44392 15/16"
- 9-44393 1"

Wt. 5.2 lbs. - Roll Up Pouch



Contents for Set No. 11586

- 9-42867 10mm
- 9-42868 11mm
- 9-42869 12mm
- 9-42870 13mm
- 9-42871 14mm
- 9-42872 15mm
- 9-42873 16mm
- 9-42874 17mm
- 9-42875 18mm
- 9-42876 19mm

Wt. 2.3 lbs. - Roll Up Pouch



Part No.	Description
11585	10 Piece 7/16" - 1" Wrench Set
11586	10 Piece M10 - M19 Metric Wrench Set

### 28Pc. - 6 POINT

- Forged from alloy steel heat treated, quenched and tempered for uniform hardness and maximum strength
- Nickel-chrome plated for maximum rust and corrosion resistance and easy cleaning



Contents for Set No. 11755

- |               |                |              |              |
|---------------|----------------|--------------|--------------|
| 9-44381 1/4"  | 9-44388 11/16" | 9-42863 6mm  | 9-42870 13mm |
| 9-44382 5/16" | 9-44389 3/4"   | 9-42864 7mm  | 9-42871 14mm |
| 9-44383 3/8"  | 9-44390 13/16" | 9-42865 8mm  | 9-42872 15mm |
| 9-44384 7/16" | 9-44391 7/8"   | 9-42866 9mm  | 9-42873 16mm |
| 9-44385 1/2"  | 9-44399 11/32" | 9-42867 10mm | 9-42874 17mm |
| 9-44386 9/16" | 9-44392 15/16" | 9-42868 11mm | 9-42875 18mm |
| 9-44387 5/8"  | 9-44393 1"     | 9-42869 12mm | 9-42876 19mm |

Wt. 7.4 lbs. - Carton

Part No.	Description
11755	28 Piece 6 Pt. Standard 1/4" - 1", Metric M6-M19

### CROWFOOT WRENCH SET

- Attach to 3/8 drive ratchet or extension

- 9-43611 3/8"
- 9-43621 7/16"
- 9-43622 1/2"
- 9-43623 9/16"
- 9-43624 5/8"
- 9-43625 11/16"
- 9-43626 3/4"
- 9-43627 13/16"
- 9-43628 7/8"
- 9-43629 1"



Wt. 1.3 lbs. - Plastic Pouch

Part No.	Description
11149	10 Piece 3/8" - 1" Wrench Set



### 26 PIECE - 12 POINT

- Contains 16 standard and 10 midget wrenches in blow mold case



Contents for Set No. 11752

Std. Combo Wrenches - 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8"

Std. Combo Ignition Wrenches - 5/32", 3/16", 13/64", 7/32", 15/64", 1/4"

Part No.	Description
11752	26 Pc. 5/32 thru 1 1/8

### 14Pc. - 12 POINT

- Heat treated alloy steel, chrome plated, twelve point
- 14 Piece set with polyester tie-roll pouch



Contents for Set No. 11761

Contents for Set No. 11762

- |                |                 |              |              |
|----------------|-----------------|--------------|--------------|
| 9-44693 3/8"   | 9-44702 13/16"  | 9-42912 8mm  | 9-42921 19mm |
| 9-44694 7/16"  | 9-44703 7/8"    | 9-42914 10mm | 9-42937 20mm |
| 9-44695 1/2"   | 9-44704 15/16"  | 9-42916 12mm | 9-42922 22mm |
| 9-44696 9/16"  | 9-44705 1"      | 9-42917 13mm | 9-42923 24mm |
| 9-44697 5/8"   | 9-44706 1 1/16" | 9-42919 15mm | 9-42933 27mm |
| 9-44698 11/16" | 9-44707 1 1/8"  | 9-42929 17mm | 9-42934 28mm |
| 9-44701 3/4"   | 9-44708 1 1/4"  | 9-42925 18mm | 9-42936 32mm |

Wt. 10.2 lbs. - Roll Up Pouch

Wt. 9.4 lbs. - Roll Up Pouch

Part No.	Description
11761	14 Piece 3/8" - 1 1/4" Std. Wrench Set
11762	14 Piece M8 - M32 Metric Wrench Set

### 12Pc. 12 POINT



Contents for Set No. 11756

Contents for Set No. 11757

- |                |                |              |              |
|----------------|----------------|--------------|--------------|
| 9-44699 1/4"   | 9-44696 9/16"  | 9-42911 7mm  | 9-42917 13mm |
| 9-44691 5/16"  | 9-44697 5/8"   | 9-42912 8mm  | 9-42918 14mm |
| 9-44692 11/32" | 9-44698 11/16" | 9-42913 9mm  | 9-42919 15mm |
| 9-44693 3/8"   | 9-44701 3/4"   | 9-42914 10mm | 9-42924 16mm |
| 9-44694 7/16"  | 9-44702 13/16" | 9-42915 11mm | 9-42929 17mm |
| 9-44695 1/2"   | 9-44703 7/8"   | 9-42916 12mm | 9-42925 18mm |

Wt. 3.69 lbs. - V Rack

Wt. 2.81 lbs. - V-Rack

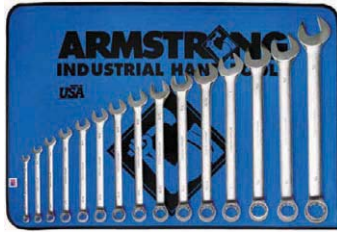
Part No.	Description
11756	12 Piece 1/4" - 7/8" Std. Wrench Set
11757	12 Piece M7 - M18 Wrench Set

## COMBINATION WRENCHES - CHROME - SATIN FINISH

- Radius corner design engages flats of the fastener, not the corners, providing 20% more torque
- 15° minimum offset ends for greater access and safety

- Sizes stamped on both ends and on both sides
- Made of highest quality materials with smooth edges for safety, comfort and long life

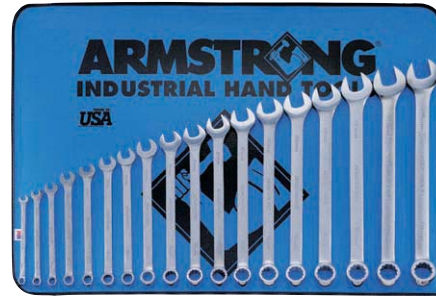
### 15PC. SET 5/16-1 1/4" w/VINYL ROLL



CONTENTS:  
Vinyl Roll (29-468)  
Approximate Weight, 10.39 Lbs.

Mfg. #	Size	Mfg. #	Size	Mfg. #	Size	Part No. <b>11587</b>
25-460	5/16	25-470	5/8	25-480	15/16	
25-462	3/8	25-472	11/16	25-482	1	
25-464	7/16	25-474	3/4	25-484	1 1/16	
25-466	1/2	25-476	13/16	25-486	1 1/8	
25-468	9/16	25-478	7/8	25-490	1 1/4	

### 18PC. SET M7-M24 w/VINYL ROLL



CONTENTS: Vinyl Roll (29-448).  
Approximate Weight, 7.26 Lbs.

Part No.  
**11763**

Mfg. #	Size	Mfg. #	Size	Mfg. #	Size
52-457	7mm	52-463	13mm	52-469	19mm
52-458	8mm	52-464	14mm	52-470	20mm
52-459	9mm	52-465	15mm	52-471	21mm
52-460	10mm	52-466	16mm	52-472	22mm
25-461	11mm	52-467	17mm	52-473	23mm
52-462	12mm	52-468	18mm	52-474	24mm

### 10PC. SET 7/16-1" w/VINYL ROLL



CONTENTS:  
Vinyl Roll (29-452)  
Approximate Weight, 5.40 Lbs.

Mfg. #	Size	Mfg. #	Size
25-464	7/16	25-474	3/4
25-466	1/2	25-476	13/16
25-468	9/16	25-478	7/8
25-470	5/8	25-480	15/16
25-472	11/16	25-482	1

Part No. **11590**

### 9PC. SET M7-M15 w/VINYL ROLL



CONTENTS:  
Vinyl Roll (29-448)  
Approximate Weight, 2.96 Lbs.

Part No.  
**11591**

Mfg. #	Size	Mfg. #	Size
52-457	7mm	52-462	12mm
52-458	8mm	52-463	13mm
52-459	9mm	52-464	14mm
52-460	10mm	52-465	15mm
25-461	11mm		

## INDIVIDUAL SIZE

Part No.	Mfg. No.	Description
11560	25-458	1/4" Comb. Wrench
11561	25-460	5/16" Comb. Wrench
11563	25-462	3/8" Comb. Wrench
11564	25-464	7/16" Comb. Wrench
11565	25-466	1/2" Comb. Wrench
11566	25-468	9/16" Comb. Wrench
11567	25-470	5/8" Comb. Wrench
11568	25-472	11/16" Comb. Wrench
11569	25-474	3/4" Comb. Wrench
11570	25-476	13/16" Comb. Wrench
11571	25-478	7/8" Comb. Wrench
11572	25-480	15/16" Comb. Wrench
11573	25-482	1" Comb. Wrench
11574	25-484	1 1/16" Comb. Wrench
11575	25-486	1 1/8" Comb. Wrench
11576	25-490	1 1/4" Comb. Wrench



## TORQUE WRENCHES

### ELECTRONIC TORQUE WRENCHES

- Thin profile sealed tear drop ratchet head for better access, increased strength and contaminant protection
- LCD screen with backlight for easy reading of torque values enclosed in a shock resistant housing
- 60 tooth gear with 6° ratcheting arc
- Buzzer and red, yellow, green lights alert user when target torque is reached
- Operates on 4 AAA alkaline batteries (Part No. 5356 ) for up to 40 hours of continuous operation
- Certificate of calibration provided with each tool



Part No.	Description
12007	3/8 Drive - 10-100 ft. lbs
12008	1/2 Drive - 25-250 ft. lbs.

### RATCHET HEAD, MICROMETER - ADJUSTABLE

- Enclosed head design with rubber gasket seals out contaminants for improved performance
- Innovative linear ball bearing system eliminates friction for greater accuracy, produces audible "click" over entire torque range
- Detent locking ring allows easy setting of desired torque and prevents accidental change of setting while in use
- Knurled, grooved handle provides non-slip comfort grip
- Accuracy to  $\pm 3\%$  clockwise (20 - 100% of full range)
- 10° ratcheting angle permits use in confined areas



Part No.	Description	Length
11988	3/8 drive, 10-100 ft./lb. (1/2 ft./lb. Incr.)	17.1"
11989	1/2 drive, 25-250 ft./lb. Incr.)	20.5"



# ADJUSTABLE WRENCHES

## ADJUSTABLE

- Extra wide jaw capacity (25% wider than standard models)
- Handle design is up to 70% wider for more comfort, less fatigue
- Hex jaw design allows for a more secure fit
- 3 piece sets contain 8", 10" & 12" wrenches in vinyl pouch



### 3Pc. SET

Part No.	Description
11727	Chrome-Satin Finish



### INDIVIDUAL SIZE

Part No.	Description
11700	4" - Satin
11703	6" - Satin
11706	8" - Satin
11709	10" - Satin
11712	12" - Satin
11716	15" - Satin
11721	18" - Satin

### 3Pc. SET

Part No.	Description
11728	Cushion Grip



### INDIVIDUAL SIZE

Part No.	Description
11707	8" - Cushion Grip
11710	10" - Cushion Grip
11713	12" - Cushion Grip

### 3Pc. SET

Part No.	Description
11729	Black Oxide



### INDIVIDUAL SIZE

Part No.	Description
11708	8" - Black Oxide
11711	10" - Black Oxide
11714	12" - Black Oxide
11717	15" - Black Oxide

## ADJUSTABLE



### 3Pc. CUSHION GRIP

- Cushioned handles for comfort and better grip
- Forged steel, heat treated, hardened jaws
- Opening measurement scale for quick reference
- Extra wide jaw opening for increased capacity

9-44166 6" Length  
 9-44167 8" Length  
 9-44168 10" Length  
 Wt. 1.3 lbs. - Plastic Pouch



Part No.	Description
11725	3 Piece Wrench Set

### BEAK JAW

- Tapered jaw for access in tight spaces



Part No.	Description
11740	6" Length
11742	10" Length

### 3Pc. CHROME FINISH

- Extra wide jaw opening for increased capacity
- Forged Steel, heat treated for strength and durability
- Precision broached, hardened jaws for accuracy

Contents for Set No. 11726

9-44602 6" Length  
 9-44603 8" Length  
 9-44604 10" Length

Contents for Set No. 11724

9-44605 12" Length  
 9-44662 15" Length  
 9-44606 18" Length

Part No.	Description
11726	3 Piece Set 6",8",10"
11724	3 Piece Set 12",15",18"



### 3Pc. BLACK INDUSTRIAL FINISH

- Extra wide jaw opening for increased capacity
- Forged steel, heat treated for strength and durability
- Precision broached, hardened jaws for accuracy

Contents for Set No. 11730

9-4454 12" Length  
 9-4455 15" Length  
 9-4456 18" Length

Part No.	Description
11730	3 Piece Adjustable Wrench Set



HAND TOOLS

# PIPE WRENCHES / RETAINING RING PLIERS

## PIPE WRENCHES

- Pipe sizes on hook jaw aid in quick adjustment to proper pipe size
- Hardened, forged steel jaw provides maximum strength at stress points
- Deep milled teeth, hardened to stay sharp
- Large knurl and power threads provide fast, positive jaw adjustment
- Enclosed heavy duty spring maintains preset jaw adjustment



Part No.	Description	Capacity Pipe Size
11731	8" Long	1/8 - 1"
11732	10" Long	1/8 - 1 1/2"
11733	12" Long	1/8 - 2"
11734	14" Long	1/4 - 2"
11735	18" Long	1/4 - 2 1/2"
11736	24" Long	1/4 - 3"

## ALUMINUM HANDLE

- Provides maximum strength and safety while weight is minimized
- 40% lighter than comparable cast iron wrenches
- Drop forged steel hook jaw



Part No.	Length (in.)	Pipe Capacity
11690	14	2.0
11691	18	2.5
11692	24	3.0
11693	36	5.0

## QUICK-ADJUST PIPE WRENCH

- 2 1/4" capacity
- One-handed tool adjustment
- Durable lightweight cast aluminum body
- Innovative design quickly adjusts to work surface, fits in confined spaces
- Ergonomic design for comfort and convenience



Part No.	Description
11750	Quick Adjust Pipe Wrench

## CHAIN

- Chain wraps around pipe, square, hex and irregular shapes for easy turning
- Successive "bites" can be taken without removing tool from workpiece
- Chrome plated handle, weighs 1.5 lbs.

Part No.	Capacity Pipe Size
11749	3/8 - 4"



## INTERNAL PIPE WRENCH SET

- For the removal of broken threaded ends of pipe, plugs and fittings
- Hex body can be used with a wrench
- Pipe sizes are marked on each wrench
- Heat treated alloy steel, plated to prevent rust

Part No.	Description
11754	Set of 4: 3/8, 1/2, 3/4, 1"



## 12 PC. INTERNAL / EXTERNAL SET

- Patented tool requires only 1/4 turn to convert from internal to external rings
- Furnished in blow-molded plastic case



### Contents for Set No. 11810

0.038" straight tip	0.070" straight tip
0.038" 45° tip	0.070" 45° tip
0.038" 90° tip	0.070" 90° tip
0.047" straight tip	0.090" straight tip
0.047" 45° tip	0.090" 45° tip
0.047" 90° tip	0.090" 90° tip

Part No.	Description
11810	12 Piece Qtr-Turn® Retaining Ring Pliers Kit

### INDIVIDUAL SIZE

Part No.	Description
11813	.038 Tip, Straight
11811	.047 Tip, Straight
11812	.070 Tip, Straight

## 6 PC. INTERNAL/EXTERNAL CONVERTIBLE

- 3 Pliers and 3 replacement tips sets in blow-molded plastic case. Approximate weight, 3.48 lbs., heavy duty cushion grips
- Convertible push button design for both internal and external applications
- Spring-loaded handles speed operation and ratchet mechanism on largest size helps control large retaining rings.
- Replaceable tips are locked into place with set screw. Hex key included
- ASME B107.19, Fed'I Spec. GGG-P-480e

Part No.	Description
11821	Retaining Ring Pliers Set

### CONTENTS OF SET:

Part No.	Size Range	Tip Set
11823	1/8-1"	47604
47605	1/4-2"	47606
11825	1 1/2-4"	47608



## 2PC REPLACEABLE TIP SET

- Contains one external (3/8 - 2" shaft dia.), one internal (3/8 - 2" bore dia.) with set of 8 pairs of color coded replaceable tips (2 - .047 straight, 2 - .070 straight, 2 - .047 45°, 2 - .038 90°)
- Meets Federal Spec. GGG-P-480E, ANSI B107.19



Part No.	Description
11814	2pc. Int/Ext. Set w/tips
47603	Replacement Tip Set

CRAFTSMAN  
PROFESSIONAL

ARMSTRONG  
INDUSTRIAL HAND TOOLS

IRWIN

ARMSTRONG  
INDUSTRIAL HAND TOOLS

GENERAL®



### CRIMPER CUTTER

- Crimping die marked for insulated and non-insulated solderless terminals and connectors
- Tapered nose design for working in confined spaces
- Specially hardened wire cutter in nose
- Hot-riveted joint for smooth action and no handle wobble

Part No.	Description
12350	9 3/4" Crimping Tool



### LONG NOSE MULTI-PURPOSE TOOL

- Easily cuts and strips wire
- Narrow, serrated pliers nose to pull, loop and bend wire
- Long, curved cutting blade
- Cutters and strippers are in front of the pivot for maximum ease-of-use in reaching into tight places
- Crimps insulated and non-insulated terminals
- Cleanly shears bolts
- Plastic covered cushioned handles for comfort

Part No.	Description
12352	8 1/4" Wire Cutter/Stripper/Crimper



### WIRE STRIPPER/CUTTER

- Easy to read marking
- Precision shear-type blades
- 10-18 AWG Solid/12-20 AWG Stranded
- Cleanly shears 6-32 and 8-32 screws
- Ergonomic design, lightweight



Part No.	Description
12354	7 1/8" Wire Stripper/Cutter

### SIDE CUTTING LINEMAN'S HIGH LEVERAGE PLIERS

- Cuts ACSR, screws, nails, and most hardened wire
- High-leverage design. Rivet is closer to the cutting edge for 45% greater cutting and gripping power than other plier designs
- Specially hardened wire cutter in nose
- Hot-riveted joint for smooth action and no handle wobble

Part No.	Description
12357	9 1/2" Heavy Duty Side Cutting Pliers
12358	9 3/8" Long Nose, Multi-Purpose Tool
12359	9 1/2" Journeyman™, High Leverage NE, Crimp Die, Dual Material Handles



12359

### DIAGONAL CUTTING HIGH LEVERAGE PLIERS

- Easy working in confined areas
- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other plier designs

Part No.	Description
12361	6 1/8" Tapered Nose
12362	8" Hi-Leverage
12363	8" Hi-Leverage, Angled Head
12364	8" Journeyman™ 2000 Series, Hi-Leverage, Dual Material Handles



12364

### CABLE CUTTER

- Lightweight, yet efficient shear-type cable cutters
- Hook-jaw blades grab and hold cable while the shear-cutting action makes clean cuts
- Exceptionally strong fiberglass handles with heavy vinyl grips for comfort and slip resistance
- Heavy-duty pins in head serve as blade-stops
- Jaws are forged tool steel with black-oxide finish for long life
- The clean, even cuts make fitting lugs and terminals easier
- Not designed for cutting steel or ACSR
- Maximum cable size: 500 MCM Copper, 750 MCM Aluminum

Part No.	Description
12380	25 1/2" Cable Cutter



### RATCHETING CABLE CUTTER

- Unique ratchet action holds cable tight and allows rapid, straight cuts with minimum effort.
- A Hold-open spring speeds cutting action.
- Quick-release lever opens blade at anytime during operation
- Large, finger-formed handles have limit guards and plastic covering for comfort
- Compact, lightweight tool can be locked in closed
- Not designed for cutting steel or ACSR.
- Maximum cable size: 400 MCM Copper, 600 MCM Aluminum and multi-conductor

Part No.	Description
12381	25 1/2" Cable Cutter



### LONG-NOSE HIGH LEVERAGE PLIERS - SIDE CUTTING

- Induction hardened cutting knives for long life
- Knurled jaws for sure wrapping and looping
- Curved and extended handle provide greater tool control

Part No.	Description
12366	7 1/8" Standard, Dipped Handle
12367	8 7/16" Heavy Duty
12368	8 9/16" Journeyman™, HD Side Cutters/Skinning Hole, Dual Material Handles



12368

### LONG-NOSE - SIDE CUTTING

- Long, narrow nose and slim hinge for extremely close quarter work
- Finely knurled jaws grip thin wire without damaging it
- Spring-loaded for self-opening action
- Curved handles provide greater tool control



12365



12369

Part No.	Description
12365	6 5/8" Tapered Long Nose - Smooth Jaw
12369	5 5/8" Extra-Thin, Long Needle Nose - Fine Knurled Jaw

- Coated handles with textured outer grips for increased comfort and non-slip performance
- Natural finish eliminates the chance of chrome peel-off
- Made of highest quality materials with smooth edges for safety, comfort and long life

## TONGUE & GROOVE



Part No.	Description
11976	7" Pliers
11977	10" Pliers
11978	12" Pliers
11979	16" Pliers
11982*	10" Pliers

\*90° offset head



11982

## SLIP JOINT



Part No.	Description
11766	6 1/2" Pliers
11767	8" Pliers

## LINEMANS



Part No.	Description
11800	7 3/8" Pliers
11801	9 1/2" Pliers

## DIAGONAL (HEAVY)



Part No.	Description
11787	7 1/8" Pliers
11780*	11 1/8" Pliers

\*X-tra long handle for added leverage

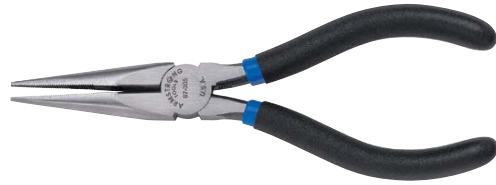
11780

## DIAGONAL



Part No.	Description
11783	4 1/4" Pliers
11785	6 3/8" Pliers
11786	7 1/2" Pliers

## CHAIN NOSE



Part No.	Description
11791	6 1/4" Pliers
11790*	6 3/8" Pliers

\*With wire cutter

## LONG REACH



Part No.	Description
11798	11 1/2" Pliers
11799*	11 3/8" Pliers

11799

\*Bent nose

## NEEDLE NOSE



Part No.	Description
11793	6 7/8" Thin
11797	6 1/4" Ex. Thin

## LOCK RING



Part No.	Description
11804	9" Pliers

## END CUTTING



Part No.	Description
11802	7 3/8" Pliers

## ERGONOMIC PLIER SETS

- Exceeds ASME/ANSI standards
- Clear protective coating for increased corrosion protection
- Ergonomic comfort grip handles, thumb stops and widened palm grip
- Specialized alloy steel for toughness, heat treated cutting edges
- V-notch teeth grip round or hex surfaces (11771, 11776)
- Grips exceed ASME chemical resistance for solvents

11983



11972



11971



11984



## PLIERS SETS

Part No.	Contents
11983	3 Piece Set Contains: 11770,11771,11773
11972	4 Piece Set Contains: 11770, 11771, 11773, 11777
11971	5 Piece Set Contains: 11770, 11771, 11772, 11773, 11777
11984	6 Piece Set Contains: 11770,11772,11773, 11774, 11775, 11776

## INDIVIDUAL PLIERS

11770



11774



11771



11775



11772



11776



11773



11777



Part No.	Description
11770	6 3/4" Slip Joint
11771	9 1/2" Arc Joint
11772	Diagonal 6"
11773	8" Long Nose
11774	9" Linemans
11775	10 1/2" Tongue & Groove
11776	8" Bent Diagonal
11777	7" Wide Jaw

## PLIER SETS

### CUSHION GRIP

- Cushioned grips for comfort and slip resistance
- Made of forged steel, induction-hardened edges for long life

Contents for Set No. 11980

- 9-45076 - 7" Diagonal
- 9-45378 - 63/4" Slip Joint
- 9-45103 - 8" Long Nose
- 9-45381- 9 1/2" Tongue & Groove

Contents for Set No. 11981

- 9-45381- 9 1/2"
- 9-45384 -16"
- 9-45386 - 13"



11980



11981

Part No.	Description
11980	4 Piece Plier Set
11981	3 Piece Plier Set

## 3PC. PRECISION MINI PLIER SET

- Solid joint mini-pliers for close delicate work
- Hard-honed cutting edge for clean cut, carbon steel construction
- Double leaf spring for positive handle action



4" Diagonal  
11808



5" Needle Nose  
11806



Long Nose w/Cutter  
11807

Part No.	Description
11985	3 Piece Plier Set

## LONG REACH PLIER SET

### 3 PIECE ERGONOMIC GRIP

- Specialized alloy steel for toughness
- Double walled textured comfort grips
- Clear coated for rust, corrosion protection
- Cover a variety of gripping applications
- Long necks and thin profile provide greater access to tight spaces

Contents for Set No. 11986

- 9-45487 11" Long Reach Duckbill
- 9-45497 11" Long Reach Long Nose
- 9-45499 11" Long Reach Bent Nose



Part No.	Description
11986	Professional 3 Piece Long Reach Plier Set

# PLIERS

## LEATHERMAN® WAVE™

Wave™ makes an evolutionary leap in the multi-tool category by offering one-hand access to two locking blades (one straight-edge, one serrated) plus two additional locking tools, seven more interior tool blades and the best handle comfort available.

- 25 year guarantee
- 15 handy tools
- Stainless Steel construction
- Weighs just 8 ounces

### FEATURES:

Needlenose Pliers • Wire Cutters • Clip-Point Knife • Serrated Knife • Diamond-Coated File • Wood Saw • Scissors • Extra-Small Screwdriver • Small Screwdriver • Medium Screwdriver • Large Screwdriver • Phillips Screwdriver • Can/Bottle Opener • Wire Stripper • Lanyard Attachment

Part No.	Description
12081	Leatherman® Wave™



## LEATHERMAN® POCKET SURVIVAL TOOL™

Leatherman® Pocket Survival Tool™ built around full size, full strength pliers, it weighs only 5 ounces, yet packs 12 essential tools in one. Special Features include a Phillips Screwdriver that fits #1 and #2 screws and special hard wire cutters. Ultimate in multi-purpose tools.

- 13 Handy Tools
- 100% Stainless Steel Construction
- Complete with leather sheath

### FEATURES:

Needlenose Pliers • 8 inch/ 20cm Ruler • Regular Pliers • Can/Bottle Opener • Wire Cutters • Small Screwdriver • Handwire Cutters • Medium Screwdriver • Clip Point Knife • Large Screwdriver • Metal/Wood File • Phillips Screwdriver • Awl/Punch

Part No.	Description
12083	Leatherman® Pocket Survival Tool™

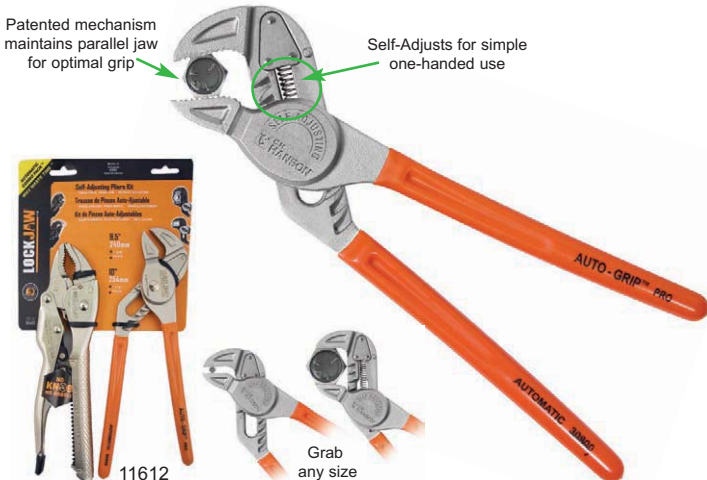


## AUTO-GRIP PLIERS

- Jaws automatically adjust to parallel, simply close the handles
- Fully automatic for true one-handed use
- No more manual adjustment, no more buttons to push
- Rugged steel construction
- Ergonomic grips for comfort
- Meets or exceeds all ANSI and ASME standards

Patented mechanism maintains parallel jaw for optimal grip

Self-Adjusts for simple one-handed use



Part No.	Description
11613	10" Auto-Grip Pliers
11612	2 pc. LockJaw/Auto-Grip Plier Set
12072	4 pc. LockJaw/Auto-Grip Plier Set

## HIGH PERFORMANCE PLIERS ERGONOMIC DESIGN

### COBRA PLIERS®



- Push button single hand fine adjustment directly on the workpiece, positive lock into selected jaw opening
- Self-gripping, won't let go of the workpiece until you ease the pressure
- Hardened jaws (approx. 60 HRC) grip nuts, rod, bolts and pipes - eliminates burring
- Guard prevents fingers being pinched



Part No.	Description
11602	10" Cobra® Pliers
11603	12" Cobra® Pliers
11604	3 Piece Set 7",10",12"

### ALLIGATOR® PLIERS

- 7 position adjustment, optimum lever action
- Self-gripping, won't let go of the workpiece until you ease the pressure
- Hardened jaws (approx. 60 HRC) grip nuts, rod, bolts and pipes - eliminates burring
- Guard prevents fingers being pinched



Part No.	Description
11606	10" Alligator® Pliers
11607	12" Alligator® Pliers
11608	3 Piece Set 7",10",12"

## HOSE PLIERS



- Eliminates need to drain system when servicing cooling system
- Pliers squeeze hoses shut
- Jaws swivel for parallel clamping
- Automatic locking ratchet
- Do not use on wire reinforced hose



Part No.	Mfg. No.	Description
11803	9-41839	Hose Pliers

## SWIVEL JAW HOSE CLAMP PLIERS

- Fits all styles of flat band hose clamps
- Jaws swivel to grip at angle



Part No.	Description
11805	Swivel Jaw Hose Clamp Pliers

# INSULATED TOOLS

## 1000V INSULATED TOOL SETS

### 7 Pc. SET

- Heavy duty, dual component insulated handles, 1000V rated
- High performance pliers and screwdrivers designed to last a lifetime
- Set contains 10" Alligator® pliers, 8" long nose pliers, 9" Ultra high leverage Linemans pliers, 8" Ultra High Leverage diagonal cutters, screwdrivers, (5/32" x 4" and 1/4"x6" slotted / #2-4" Phillips) with heavy duty roll-up pouch



Part No.	Description
11610	7 Pc. Insulated Tool Set

### 6 Pc. SET - INSULATED - 1000V RATED



- Slip-Stop® blade prevents the tool from slipping out of fastener recess
- Reduced cam-out means less axial pressure is required to install fasteners
- Ergonomic Kraftform® handle fits the palm for greater comfort, outstanding grip and more torque than ordinary tools
- Set covers screw sizes #4 - #14 (4 slotted , 2 phillips)



Part No.	Description
11632	Insulated 1000V Rated

### INDIVIDUAL SIZES

Part No.	Description
11634	#1 Phil x 80mm
11635	#2 Phil x 100mm
11637	3.5mm Slot x 100mm
11638	5.5mm Slot x 125mm

### 9 PIECE NUTDRIVER KIT



- Individually tested to exceed standards
- Two layers of insulation provide protection against electric shock
- Highly durable, black, nylon case features: coil-zipper closure, polypropylene handles, custom-fitted tool pockets, extra pocket is provided for storage of papers or other items



- Overall case dimensions are: 15"W x 12 3/4" x 3 1/2" (381mm x 324mm x 89mm)

Part No.	Description
12330	3/16-5/8" Set

### 8 PIECE TOOL KIT



- Compact assortment of eight popular insulated tools
- Overall case dimensions are: 15 1/2"W x 11"D x 2 1/2"H (394mm x 279mm x 64mm)

Part No.	Description
12331	8 Pc. Kit



### CONTENTS

Part No.	Description
12332	Side Cutting Pliers
12333	Diagonal Cutting Pliers
12334	Long Nose Side Cutting Pliers
12335	Cabinet Tip 3/16 x 6"
12336	Keystone Tip 1/4 x 4"
12337	Phillips Tip #2
12338	Cable Cutter
12339	Wire Stripper



12332



12333



12334



12335



12336



12337



12338



12339

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# LOCKING PLIERS / CLAMPS

## LOCKING PLIERS

- Made of high-grade alloy steel, heat treated
- Wire cutter will handle up to 1/4" diameter bolt
- Produces up to one ton of pressure
- Easy release trigger, bright nickel finish



Part No.	Description
12061	3 Pc. Plier Set w/ Pouch
Contents:	5" Curved Jaw
	10" Curved Jaw
	6" Long Nose

## CURVED JAWS

- Made of heat-treated alloy steel for durability
- Wire cutter will handle anything up to a 1/4" bolt. One bite cuts smaller wires; progressive bites cut through the big ones.
- Controlled power means a simple hand squeeze can put one ton of pressure between the jaws
- Adjustment screw allows variable pressure and material thickness



Part No.	Size	Jaw Thickness	Jaw Adjustment
12050	10"	7/16"	0-1 7/8"
12051	5"	1/4"	0-1 1/4"

## LONG NOSE

- Same wire-cutting power as a curved-jaw model
- Tapered nose ideal for delicate work, accesses tight spaces, clamping of small parts
- Easy-release trigger snaps jaws open instantly, ready for the next job



Part No.	Size	Jaw Thickness		Jaw Adjustment	
		Tip	Base	Tip	Base
12052	6"	5/32"	5/16"	0-2 1/4"	0-1 5/16"

## SHEET METAL CLAMP

- Makes bending, forming and crimping easier



Part No.	Description
12054	8" Sheet Metal Tool

## WELDING CLAMP

- Holds work in proper alignment



Part No.	Description
10351	9" Welding Clamp

## LOCKING CLAMPS

- Made of high grade alloy, steel, heat treated for durability
- Turn screw to adjust pressure to fit, stays adjusted for repetitive use
- Wide opening jaw provides greater clamping versatility
- Swivel pads hold tapered work, reduces surface damage



11536



11539



11556



11551

## REGULAR TIPS

Part No.	Size	Jaw Capacity	Throat Depth
11539	6"	0-2 1/8"	1 1/2"
11556	11"	0-3 3/8"	2 5/8"
11536	18"	0-8"	9 1/2"
11551	9"	0-4 1/2"	4 3/4"



11547



11550



11557

## SWIVEL TIPS

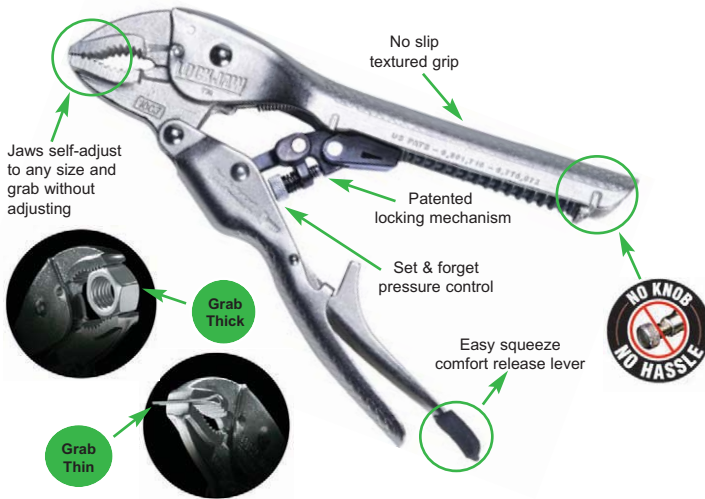
Part No.	Size	Jaw Capacity	Throat Depth
11550	6"	0-2 1/8"	1 1/2"
11557	9"	0-4 1/2"	4 3/4"
11547	18"	0-8"	9 1/2"



# LOCKING PLIERS / CLAMPS

## LOCKJAW SELF-ADJUSTING PLIERS & CLAMPS **LOCKJAW**

- Innovative, heavy-duty, time saving tool
- No-pinch design stays locked until you release it for easy one-handed operation
- Set & forget clamp pressure - set desired clamp pressure from slight to extreme and jaws self-adjust to grip everything with equal pressure
- Five times faster than traditional locking pliers
- Chrome molybdenum heavy duty steel construction adds durability and rust protection
- Limited lifetime warranty



Part No.	Description
12055	6" Curved Jaw Pliers
12059	10" Curved Jaw Pliers
11537	7" C-Clamp w/Swivel Pads
11538	10" C-Clamp w/Swivel Pads
12013	11" C-Clamp w/Swivel Pads
12053	7" Long Nose Pliers
11555	9" Forked Jaw Welding Clamps



12072



12085

Part No.	Description
12064	2 Pc: Curved Jaw Pliers Set
11612	2 Pc: Auto-Grip & 10" Curved Jaw Pliers Set
12060	2 Pc: 10" Curved Jaw and Long Nose Pliers Set
12072	4 Pc: 10" Curved Jaw, 10" C-Clamp, Long Nose & 10" Auto-Grip Pliers Set
12073	4 Pc: 6 & 10" Curved Jaw, Long Nose & Forked Jaw Pliers Set
12085	3 Pc: 7, 10 & 11" C-Clamp Set

## 3 PC AUTO LOCK



- One squeeze automatically self-sizes, no screw adjustment needed
- Delivers up to 500 lbs. of grip force
- Laminated construction, padded handles

Contents:

- 9-45306 6" Curved
- 9-45307 7" Straight
- 9-45309 9" Curved



Part No.	Mfg. No.	Description
12070	9-45305	3 Pc. Auto Lock Pliers

## 3PC SOFT GRIP LOCKING PLIER SET



- Durable cushion grip helps reduce hand fatigue and slipping
- Treated alloy steel
- Lock easily with one hand
- Patented release mechanism eliminates need for guarded trigger
- Wt. 3.1 lbs.



Contents for set No. 12071

Part No.	Size
12056	10" Straight Jaw
12057	7" Curved Jaw
12058	6" Long Nose

Part No.	Description
12071	Professional 3 Piece Locking Plier Set

## BAR CLAMPS

- Forward/reverse action handle levers provide complete clamping with one hand
- Reverse lever to loosen jaws in small increments
- Quick release, reversible jaw easily converts clamp to a spreader



Part No.	Size
11457	6"
11458	12"
11459	24"

## SLIDING ARM WELDING CLAMPS

### SUPER QUICK

- SQ industrial clamps position up to 9 times faster than C-Clamps
- Sliding arm affords greater reach and clamping power

Part No.	Description
12300	6" Super Quick
12301	8" Super Quick
12302	12" Super Quick



### SLIDING ARM w/MORPAD®

- Patented Morpad® is a replaceable pad that tilts to 35° angle for stronger angle clamping
- Heavy duty construction, heat treated, drop forged arm, electro-galvanized

Part No.	Description
12305	8" Clamp w/Morpad®
12307	12" Clamp w/Morpad®



### RATCHET LEVER CLAMP

- Perfect for applications where vibration causes clamps to "walk"
- Ideal clamp for quick or continual set-up and take down
- Heavy duty construction, drop forged sliding arm, ergonomic lever, hardened steel cam and ratchet mechanism

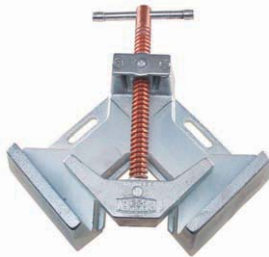
Part No.	Description
12313	6" Ratchet Clamp
12315	10" Ratchet Clamp



### ANGLE CLAMP

- One-handed, self centering, holds and aligns materials at 90° angle
- Ideal for plates, angle iron, square tubing, channel iron, pipe and more
- Heavy duty construction, mounting slots, work-hardened, spatter resistant copper plated spindle

Part No.	Description
12310	9" Angle Clamp



### C CLAMPS - DROP FORGED

- Threads are roll formed for greater strength, more clamping force with less effort
- I-Beam design is stronger, yet lightweight; heavy-walled hole supports forcing screw
- Special cold forward pad design with full swivel, and extra large anvil for superior gripping



#### Standard - Black Finish

Part No.	Cap. Max/In	Throat Depth	Min. Proof Test, Lbs.
11540	2"	2"	3,300
11542	4"	2 3/4"	4,100
11543	6"	3 5/8"	5,400
11548*	6"	6 1/2"	5,400
11544	8"	4 1/2"	5,900
11549*	8"	8 1/2"	5,900
11546	12"	5 3/4"	9,300

#### Spatter Resistant

#### Zinc Plated Forcing Screw

Part No.	Cap. Max/In	Throat Depth	Min. Proof Test, Lbs.
11552	4"	2 3/4"	4,100
11553	6"	3 5/8"	5,400
11558*	6"	6 1/2"	5,400
11554	8"	4 1/2"	5,900
11559*	8"	8 1/2"	5,900

\* Extra deep pattern

## SUPER GRIPS™

- Super Grips™ combine adjustability of the sliding jaw clamps with the conventional grip plier design
- Adjustable jaw is made of hardened chrome vanadium steel, the rail is made of cold drawn profiled steel
- Ergonomically designed plastic coated release lever, screw with lock nut for clamping pressure adjustment
- The jaws of the pliers remain parallel or at the proper angle to each other in any position
- The preset clamping pressure remains the same, regardless of the distance between the jaws



### PIPE CLAMP

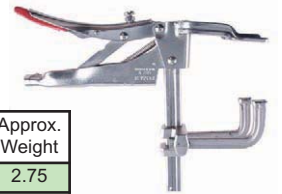
- Cradle jaw aligns/holds pipe firmly in place

Part No.	Nominal Throat Depth	Nominal Opening	Nominal Clamping Press.	Approx. Weight
12308	2 3/4"	4 1/2"	310 lbs.	2.75

### VARIOGRIP WELDER'S FORK

- Both forks work independent of each other
- Both forks are infinitely adjustable

Part No.	Nominal Throat Depth	Nominal Opening	Nominal Clamping Press.	Approx. Weight
12309	3"	4"	310 lbs.	2.75



## LOCKING CLAMPS

### 8" STANDARD - SUPERGRIP WELDING PLIERS

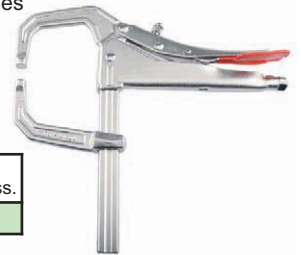
- Infinitely adjustable, serrated non-slip jaw
- Adjustment screw for clamping tapered parts
- Clamping pressure adjustment screw
- Sliding arm jaw combined with grip pliers increases versatility



Part No.	Nominal Throat Depth	Nominal Opening	Nominal Clamping Press.
12317	2 1/2"	8"	440 lbs.

### DEEP REACH - SUPERGRIP WELDING PLIERS

- Clamps over angles, channels, assemblies and other obstructions



Part No.	Nominal Throat Depth	Nominal Opening	Nominal Clamping Press.
12318	3"	4 1/2"	310 lbs.

### STEP-OVER "J" - SLIDING ARM WELDING CLAMPS

- Clamps over angles, channels, assemblies and other obstructions



Part No.	Nominal Throat Depth	Nominal Opening	Nominal Clamping Press.
12304	5 1/2"	12"	2660 lbs.

# SCREWDRIVER / NUT DRIVER SETS



## 7Pc. CUSHION-GRIP SCREWDRIVER SET

- General-purpose selection of the most frequently used screwdrivers
- Comfortable, sure-grip handles
- Top quality, tempered steel blades with precision ground hardened tips for exact fit



### Contents for Set No. 12370

Description	Blade Length	Overall Length
Square-shank, keystone-tip*	4"	8 11/32"
Round-shank, keystone-tip*	6"	10 15/16"
Round-shank, cabinet-tip	3"	6 3/4"
Round-shank, cabinet-tip	6"	9 3/4"
Round-shank, cabinet-tip*	4"	8 11/32"
Round-shank, No. 1 Phillips-tip	3"	6 3/4"
Round-shank, No. 2 Phillips-tip	4"	8 5/16"

**Part No. 12370**



## 8Pc. CUSHION-GRIP SCREWDRIVER SET

- General-purpose selection of the most frequently used screwdrivers
- Comfortable, sure-grip handles
- Top quality, tempered steel blades with precision ground hardened tips for exact fit



### Contents for Set No. 12371

Description	Blade Length	Overall Length
Round-shank, keystone-tip	1 1/2"	3 7/16"
Round-shank, cabinet-tip	3"	6 3/4"
Square-shank, keystone-tip*	4"	8 11/32"
Round-shank, keystone-tip*	6"	10 15/16"
Round-shank, No. 2 Phillips-tip	1 1/2"	3 7/16"
Round-shank, No. 1 Phillips-tip	3"	6 3/4"
Round-shank, No. 2 Phillips-tip	4"	8 5/16"
Round-shank, No. 3 Phillips-tip	6"	11"

**Part No. 12371**



## 7Pc. SCREWDRIVER & NUT DRIVER SET

- Specialty set for a wide variety of applications
- Comfortable, sure-grip handles
- Top quality, tempered steel blades with precision ground hardened tips for exact fit



### Contents for Set No. 12372

Description	Blade Length	Overall Length
Square-shank, keystone-tip*	4"	8 11/32"
Round-shank, cabinet-tip	6"	9 3/4"
Round-shank, No. 2 Phillips-tip	4"	8 5/16"
Round-shank, cabinet-tip*	4"	8 11/32"
1/4" hex nut driver	3"	6 3/4"
5/16" hex nut driver	3"	6 3/4"
3/8" hex nut driver	3"	6 3/4"

**Part No. 12372**



## 4Pc. MINIATURE CUSHION-GRIP SCREWDRIVER SET

- Precision tips for exact fit and rigorous applications
- Comfortable, sure-grip handles
- Top quality, tempered steel blades with precision ground hardened tips for exact fit



### Contents for Set No. 12373

Tip Type	Shank Tip Size	Shank Length	Overall Length
Phillips	No. 0	3"	5 3/4"
Keystone	1/16"	2"	4 3/4"
Cabinet	3/32"	3"	5 3/4"
Cabinet	1/8"	3"	5 3/4"

**Part No. 12373**



## 4Pc. SQUARE RECESS CUSHION-GRIP SCREWDRIVER SET

- Color-coded handle ends for quick and easy identification
- Chrome plated shaft for corrosion resistance
- Works on most combination head receptacle, switch and panel screws
- Top quality, tempered steel blades with precision ground hardened tips for exact fit



### Contents for Set No. 12374

Point Size	Color	Shank Length	Overall Length
No. 0	Yellow	4"	7 3/4"
No. 1	Green	4"	7 3/4"
No. 2	Red	4"	8 5/16"
No. 4	Black	4"	8 5/16"

**Part No. 12374**



## 7Pc. CUSHION-GRIP NUT DRIVER SET

- General-purpose selection of the most frequently used nut drivers
- Comfortable, sure-grip handles



### Contents for Set No. 12375

Color	Hex Size	Shank Length	Overall Length
Black	3/16"	3"	6 3/4"
Red	1/4"	3"	6 3/4"
Yellow	5/16"	3"	6 3/4"
Green	11/32"	3"	6 3/4"
Blue	3/8"	3"	6 3/4"
Brown	7/16"	3"	7 5/16"
Red	1/2"	3"	7 5/16"

**Part No. 12375**



## 7Pc. MAGNETIC TIP CUSHION-GRIP NUT DRIVER SET

- Full hollow shaft for long bolts or studs with magnetic tip
- Comfortable, sure-grip handles



### Contents for Set No. 12376

Color	Hex Size	Shank Length	Overall Length
Black	*3/16"	3"	6 3/4"
Red	1/4"	3"	6 3/4"
Yellow	5/16"	3"	6 3/4"
Green	11/32"	3"	6 3/4"
Blue	3/8"	3"	6 3/4"
Brown	7/16"	3"	7 5/16"
Red	1/2"	3"	7 5/16"

**Part No. 12376**



\*Magnetic nut driver does not have a hollow shaft

## 7Pc. CUSHION-GRIP EXTRA LENGTH NUT DRIVER SET

- General-purpose selection of the most frequently used nut drivers with 6" shank length
- Comfortable, sure-grip handles



### Contents for Set No. 12377

Color	Hex Size	Shank Length	Overall Length
Black	3/16"	6"	9 3/4"
Red	1/4"	6"	9 3/4"
Yellow	5/16"	6"	9 3/4"
Green	11/32"	6"	9 3/4"
Blue	3/8"	6"	9 3/4"
Brown	7/16"	6"	10 5/16"
Red	1/2"	6"	10 5/16"

**Part No. 12377**



# SCREWDRIVER SETS

## ROUND / SQUARE SHANK



- Four sided molded plastic handle with wide flutes for firm comfortable grip
- Ergonomic design prevents slippage and fatigue
- Heat treated alloy steel shanks with precision ground tips



ROUND SHANK



SQUARE SHANK

Part No.	Description	Type
11922	6 pc. Set (Phil. #0 x 2 1/2, #1 x 3, #2 x 2 1/2, #2 x 4, #3 x 6, #4 x 8)	Round Shank
11919	6 pc. Set (Std. 3/16 x 4, 1/4 x 1 1/2, 1/4 x 4, 5/16 x 6, 3/8 x 8, 7/16 x 2)	Square Shank

## TORX®



- Four sided molded plastic handle with wide flutes for firm comfortable grip
- Ergonomic design prevents slippage and fatigue
- Heat treated alloy steel shanks with precision ground tips



Part No.	Description
10969	7 pc. Set T10 - T40

## ERGONOMIC HANDLE



### PHILLIPS / SLOTTED

- Heat treated alloy steel shanks, precision machined tips
- Tri-sided, no-slip handle for secure grip, less fatigue



Part No.	Description
11926	8 pc. Set (Phil. #1 x 3, #2 x 4, #3 x 6, Std. 4", 6", Cab. 3", 4", 5")

### INDIVIDUAL SIZES

Part No.	Description
11840	Std. 4"
11841	Std. 6"
11876	Phil. #2 x 4"
11877	Phil. #2 x 8"



## 6 Pc. SET - INSULATED - 1000V RATED



- Slip-Stop® blade prevents the tool from slipping out of fastener recess
- Reduced cam-out means less axial pressure is required to install fasteners
- Ergonomic Kraftform® handle fits the palm for greater comfort, outstanding grip and more torque than ordinary tools
- Set covers screw sizes #4 - #14 (4 slotted, 2 phillips)



Part No.	Description
11632	Insulated 1000V Rated

### INDIVIDUAL SIZES

Part No.	Description
11634	#1 Phil x 80mm
11635	#2 Phil x 100mm
11637	3.5mm Slot x 100mm
11638	5.5mm Slot x 125mm

## PRECISION

- Patented ergonomically designed handle for rapid rotation, greater comfort and control
- Chrome plated vanadium steel blade ensures long life
- Large swivel head for greater control
- Hardened tip and shaft for maximum work load
- Contains 2 Slotted, 3 Phillips tip drivers



Part No.	Description
11900	5 Pc. Set

## 12 PIECE MICRO DRIVERS



3 built-in grips in one:  
Full palm grip for higher torque. Fingertip grip for greater control. Watchmakers grip: top swivels for delicate work.

### 5 Slotted Screwdrivers

9-45721	3/64"
9-45722	1/16"
9-45723	5/64"
9-45724	3/32"
9-45725	1/8"

### 4 Torx® Screwdrivers

9-45729	T-6
9-45730	T-7
9-45731	T-8
9-45732	T-9

### 3 Phillips Screwdrivers

9-45726	#000
9-45727	#00
9-45728	#0

4-Way Pocket - Wt. 4.13 lbs.

Part No.	Mfg. No.	Description
11918	9-45736	12 Pc.



# SCREWDRIVERS

## 8 PIECE

- Ribbed color coded plastic handles
- Hardened, tempered steel tips and shanks

### 5 Slotted Screwdrivers

9-41247 3/16" x 4"      9-41583 1/4" x 4"  
 9-41577 3/16" x 6"      9-41579 5/16" x 6"  
 9-41248 3/16" x 8"

### 3 Phillips Screwdrivers

9-41294 #1 x 3"      9-41297 #3 x 6"  
 9-41295 #2 x 4"

Wt. 2 lbs.



Part No.	Description
11904	8 Piece Slot/Phil Set

## 10 PIECE

### 5 Slotted Screwdrivers

9-41581 3/16" x 4"      9-41579 5/16" x 6"  
 9-4151 1/4" x 1 1/2"      9-41852 3/8" x 8"  
 9-41583 1/4" x 4"

### 5 Phillips Screwdrivers

9-41294 #1 x 3"      9-41297 #3 x 6"  
 9-4118 #2 x 1 1/2"      9-41298 #4 x 8"  
 9-41295 #2 x 4"

Wt. 2.5 lbs.



Part No.	Description
11906	10 Piece Slot/Phil Set

## 19 PIECE

### 11 Slotted Screwdrivers

9-41421\* 1/8" x 2"  
 9-41589 1/8" x 4"  
 9-41581 3/16" x 4"  
 9-41247† 3/16" x 4"  
 9-41577 3/16" x 6"  
 9-41248 3/16" x 8"  
 9-4151 1/4" x 1 1/2"  
 9-41583 1/4" x 4"  
 9-41579 5/16" x 6"  
 9-41852 3/8" x 8"  
 9-41588 3/8" x 12"  
 Wt. 4.0 lbs.

### 8 Phillips Screwdrivers

9-41293 #0 x 2 1/2"  
 9-41294 #1 x 3"  
 9-4118 #2 x 1 1/2"  
 9-41295 #2 x 4"  
 9-41853 #2 x 6"  
 9-41296 #2 x 8"  
 9-41297 #3 x 6"  
 9-41298 #4 x 8"  
 Wt. 4.5 lbs.



Part No.	Description
11905	19 Piece Slot/Phil Set

## INDIVIDUAL SCREWDRIVERS

### CLASSIC - COLOR CODED



Part No.	Mfg. No.	Description
11842	9-41581	3/16 x 4" Slotted
11843	9-41583	1/4 x 4" Slotted
11844	9-41584	1/4 x 6" Slotted
11846	9-41587	5/16 x 8" Slotted
11871	9-41294	#1 x 3" Phillips
11872	9-41295	#2 x 4" Phillips
11873	9-41853	#2 x 6" Phillips
11879	9-41296	#2 x 8" Phillips

## 16 PIECE

- Larger handles for more turning power
- Soft, cushioned handle for added comfort in use
- Grit-blasted blade tips for better gripping of fastener
- Hex bolster for added torque, generates extra turning power



### 6 Slotted Screwdrivers

9-47189 1/8" x 3"  
 9-47204 3/16" x 4"  
 9-47193 1/4" x 2 1/4"  
 9-47194 1/4" x 4"  
 9-47197 5/16" x 6"  
 9-47199 3/8" x 8"

### 6 Torx® Screwdrivers

9-47180 T-10 x 6  
 9-47181 T-15 x 6  
 9-47182 T-20 x 6  
 9-47212 T-25 x 6  
 9-47213 T-27 x 6  
 9-47214 T-30 x 6

Wt. 4.5 lbs.

### 4 Phillips Screwdrivers

9-47183 #0 x 3"  
 9-47184 #1 x 4"  
 9-47187 #3 x 6"  
 9-47188 #4 x 8"

Part No.	Description
11901	16 Piece

## 10 PIECE

### 6 Slotted Screwdrivers

9-47204 3/16" x 4"  
 9-47193 1/4" x 2 1/4"  
 9-47194 1/4" x 4"  
 9-47196 1/4" x 8"  
 9-47197 5/16" x 6"  
 9-47199 3/8" x 8"

### 4 Phillips Screwdrivers

9-47184 #1 x 4"  
 9-47185 #2 x 2 1/4"  
 9-47186 #2 x 4"  
 9-47187 #3 x 6"

Wt. 3.3 lbs.



Part No.	Description
11902	10 Piece

## 5 PIECE

### 3 Slotted Screwdrivers

9-47204 3/16" x 4"  
 9-47194 1/4" x 4"  
 9-47197 5/16" x 6"

### 2 Phillips Screwdrivers

9-47184 #1 x 4"  
 9-47186 #2 x 4"

Wt. 1.6 lbs.

Part No.	Description
11909	5 Piece



## ERGONOMIC - CUSHION GRIP WITH HEX BOLSTER



Part No.	Mfg. No.	Description
11857	9-47204	3/16 x 4" Slotted
11858	9-47194	1/4 x 4" Slotted
11859	9-47195	1/4 x 6" Slotted
11860	9-47197	5/16 x 6" Slotted
11863	9-47184	#1 x 4" Phillips
11864	9-47186	#2 x 4" Phillips
11866	9-47215	#2 x 8" Phillips

# SCREWDRIVERS

## 15 IN 1 & 16 IN 1

- Palm saving rotating cap
- Easily accessible bits
- High impact triax housing
- Double ended bit hardened to Rockwell 59
- Rotating collar
- Solid shaft full length of driver

Part No.	Description
11000	16-in-1 Screwdriver

Replacement Bit Size & Type			
Part No.	Description	Type	Bit Length
11016	#1 - #2 Square Drive	⊞	2"
11018	T10H - T15H Torx Pin	⊕	2"
11019	T20H - T25H Torx Pin	⊕	2"
11020	T27H - T30H Torx Pin	⊕	2"
11021	1/8 - 9/64 Socket Pin	⊙	2"
11022	5/32 - 3/16 Socket Pin	⊙	2"
11023	#6 - #8 Spanner	⊖	2"
11024	#10 - #12 Spanner	⊖	2"



Part No.	Description
11001	15-in-1 Screwdriver

Replacement Bit Size & Type			
Part No.	Description	Type	Bit Length
11011	T10 - T15 Torx	⊕	2"
11012	T20 - T25 Torx	⊕	2"
11013	#0 - #3 Phillips	⊕	2"
11014	#1 - #2 Phillips	⊕	2"
11015	#0 - #3 Square Drive	⊞	2"
11016	#1 - #2 Square Drive	⊞	2"
11017	#4 - #6 Slotted	⌄	2"

## 8 IN 1 LIGHTED

Introducing the ultimate universal screwdriver - six interchangeable screw driver tips, 1/4" nut driver and a magnetic retriever all built into one screw driver. Lighted! This unique screwdriver also incorporates a two bulb flash light for those hard to see tasks. Durable steel shaft and comfort grip handle for performance and user comfort. Ratchet feature has 3 settings.



Part No.	Bit Sizes	Battery No.
10989	No. 1 Phillips / No. 2 Phillips / No. 3 Phillips No. 4 Slotted / No. 5 Slotted / No. 6 Slotted	5376

## RATCHET SCREWDRIVER & BIT SET

- Contents: Phillips, Slotted, Pozi Drive®, Torx® w/pin., Hex w/pin, Clutch, Triwing®, Square, Spanner, Torq Set®, and Spline drivebits



Part No.	Description
10990	62 Pc. Tamperproof Bit Set

## SELECT-A-BIT DRIVERS

- Professional series select-a-bit is the highest quality multi-driver of it's kind, and has a lifetime warranty
- Each Multi-Driver replaces 16 screwdrivers
- 8 extra long 3" double-end bits in handle
- Patented end cap has separate bit compartments for individual bit selection
- Industrial quality bits are hardened S2 steel for long life
- Ratchet Multi-Driver (Part # 10994) offers heavy duty reversible ratchet mechanism on an adjustable nosepiece that locks into 8 different angles up to 90° and includes 7 pc socket set (3/16-1/2)
- 4 to 1 ratio Multi-Driver (Part # 10995) has a geared nosepiece which turns four times faster with each turn of the handle, and a reversible ratchet feature that allows one handed change of direction



### Part No. 10993

Contents:

Part #	Description
11003	Phillips #0, #1
11004	Phillips #2, #3
11005	Slotted 3/16, 1/4
11006	Torx 15, 20
11007	Torx 25, 30
11008	Square 2, 3
11009	Hex 3/32, 1/8
11010	Hex 5/32, 3/16



### Part No. 10994

Contents:

Part #	Description
11003	Phillips #0, #1
11004	Phillips #2, #3
11005	Slotted 3/16, 1/4
11006	Torx 15, 20
11007	Torx 25, 30
11008	Square 2, 3
11009	Hex 3/32, 1/8
11010	Hex 5/32, 3/16



### Part No. 10995

Contents:

Part #	Description
11003	Phillips #0, #1
11004	Phillips #2, #3
11005	Slotted 3/16, 1/4
11006	Torx 15, 20
11007	Torx 25, 30
11008	Square 2, 3
11009	Hex 3/32, 1/8
11010	Hex 5/32, 3/16



### Part No. 10991

Tamperproof / Security

Contents:

Part #	Description
10939	Spanner 4, 6
10940	Spanner 8, 10
10942	Slotted 7/32, Phillips #2
10943	Torx w/Pin 10, 15
10944	Torx w/Pin 20, 25
10945	Square 1, 2
10947	Hex w/Pin 1/8, 9/64
10948	Hex w/Pin 5/32, 3/16

## 30 PIECE SET

- 30 pieces
- Includes magnetic screwdriver with storage handle, 1/4" drive bit holder, 1/4" square and hex male adapter and 26 bits in a plastic carrying case
- Bit sizes include:
  - 5 Hex - 5/64, 3/32, 1/8, 9/64, 7/32
  - 6 Torx - T10, T15, T20, T25, T30, T40
  - 5 Slotted - 1/8, 3/16, 7/32, 9/32, 5/16
  - 4 Phillips - #0, #1, #2, #3
  - 4 Square - #0, #1, #2, #3
  - 2 Pozi - #1, #2

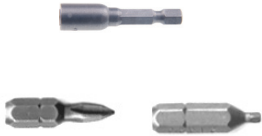
Part No.	Description
10999	30 pc. Bit Kit



# SCREWDRIVER BIT SETS

## 83 PIECE SET

- Includes: 1", 2", and 3 1/2" phillips, slotted, square, Pozi, Torx®, and hex insert bits and nutdrivers



Part No.	Description
12236	83 Piece Screwdriver Bit Set

## 60 PIECE SET

- 60 piece insert and screwdriver bit set
- Includes: 1", 2", and 3 1/2" phillips, slotted, square, Pozi, Torx®, and hex insert bits and nutdrivers



Part No.	Description
12230	60 Pc. Bit Set

## 54 PIECE DRIVER SPEED-LOK™ SET

- Includes: 1/4" Speed-Lok™ quick connector, magnetic bit holder, (33) assorted 1" insert bits, (9) assorted 2" power bits, (3) 3" power bits, (7) assorted nut setters, and case



Part No.	Description
10879	54 Piece Driver Speed-Lok™ Set

## 5 PIECE HAND IMPACT DRIVER SET

- Each impact turns bit up to 20°
- Includes 1/2" square drive tool, adapter, #2, #3, #4 phillips bits, and 3/8" slotted bit



Part No.	Description
12233	5 Piece Hand Impact Driver Set

## 50 PIECE SECURITY BIT SET

- Never be caught without the right insert bit when working with tamperproof fasteners - increasing productivity.
- Premium quality bits are heat treated for outstanding reliability and extended life
- Set covers virtually every type and size of tamperproof fastener on the market.
- Durable poly case keeps bits organized and ready to use.
- Set includes:
  - Phillips ACR - 1, 2, 2R, 3
  - TriWing - 2, 3, 4, 5
  - TorqSet - 4, 6, 8, 10
  - Spanner - 6, 8, 10, 12
  - Spline - 4, 5, 6, 8
  - Clutch - 5/32, 3/16, 1/4
  - Phillips Square Drive - 2-2
  - TTorx - 5, 6, 7, 8, 9, 10, 15, 20, 25, 27, 30, 40
  - THex - 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16
  - 1/4" Hex to 1/4" Square Adapter
  - 1/4" Socket to 1/4" Insert Bit Adapter
  - Quick Release Insert Bit Adapter For Drill



Part No.	Description
12234	50pc Security Bit Set

## MAGNETIC SCREW CHUCK

- Lobular design drives fastener on the sides (not the corners)
- Made of shock resistant tool steel, heat treated for maximum strength and hardness
- 1/4" shank, 1 7/8" overall length

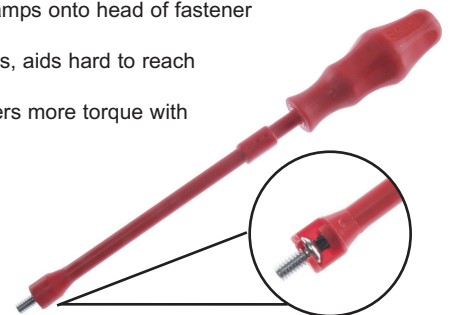
Part No.	Hex Size	Screw Size	Overall Length
10964	1/4"	#6, #7, #8	1 5/8"
10965	5/16"	#10, #12	1 5/8"
10966	3/8"	#14, 1/4"	1 3/4"
11069	1/4"	#6, #7, #8	2 9/16"
11070	5/16"	#10, #12	2 9/16"
11071	3/8"	#14, 1/4"	2 9/16"
11072	7/16"	1/4", 5/16"	2 9/16"



## SCREW HOLDER / DRIVER

- Spring loaded sleeve clamps onto head of fastener and holds securely
- Prevents dropped screws, aids hard to reach applications
- Ergonomic handle delivers more torque with less effort

Part No.	Description
11625	#2 Phillips



## SPEED CHUCK™ QUICK CHANGE ADAPTER

- Works with most 1/4" chucks with bearing groove
- For use with: 10868, 10871, 10872, 10874-10879, 10950, 10954-10960, 10964-10968, 10978, 10979, 10985-10988, 11034 and 11035

Part No.	Description
10876	Speed Chuck



# SCREWDRIVER ACCESSORIES



## PHILLIPS DRYWALL SCREW SETTER

- Designed to set drywall screws into drywall using drill or screw gun



Part No.	Overall Length	Point Size
11078	1"	#2

## 6 IN 1

- Alloy hardened steel shank
- Six spline handle for easy grip
- Double ended bits are heat treated tool steel
- Drivers can also be used as 1/4" & 5/16" nut drivers



Part No.	Description	Bit Sizes
10992	6 in 1	Phil. #1, #2, Slot. 3/16, 5/16

Replacement Bits	
Part No.	Description
11087	Phil. #1, #2
11088	Slot. 3/16, 5/16

## POCKET

- Pocket size - clips to shirt pocket
- Reversible - phillips to flat
- Handy pick-up magnet



Part No.	Description
10984	Reversible Screwdriver

## OFFSET PHILLIPS DRIVE

Part No.	Description
11910	Phil. #1-2 x 4/12



## ONEWAY TAMPERPROOF

- Removes all one way tamper-proof screws
- Eliminates drilling, pounding, pulling and chiseling that costs time and hardware damage
- "No-slip" top design provides maximum holding power until screw is removed; Works like ordinary screwdriver



Part No.	Size
11881	6, 8
11882	10
11883	14, 1/4



## MAGNETIC SOCKETS

- 1/4" Square Drive
- Magnetic Sockets stay firmly in place
- For driving hex head sheet metal screws

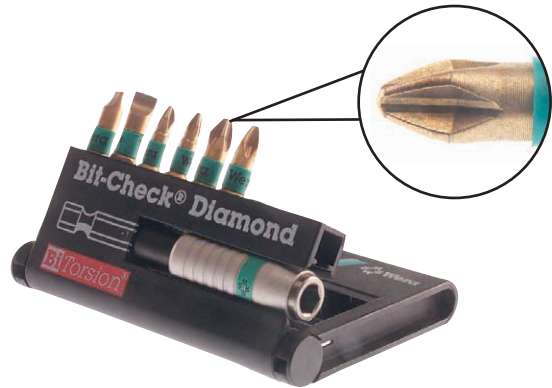
Part No.	Hex Size	Screw Size
10961	1/4"	#6, #7, #8
10962	5/16"	#10, #12
10963	3/8"	#14, 1/4"
10960	Socket Adapter	



Socket Adapter

## BI-TORSION® BITS

- Designed for demanding power tool use
- Quick change magnetic locking bit chuck
- Bi-torsion® system offers significantly longer tool life
- Torsion zone absorbs kinetic energy from the drive tip during load peaks
- Thousands of tiny diamond particles "bite" into recess of screw, increasing grip, reducing "cam-out", so less torque is required



Part No.	Contents
11062	(2)-#1, (2)-#2 Phillips / 1.0x5.5mm, 1.2x6.5mm Slotted



11061



11060

Part No.	Description
11061	Universal Magnetic Quick Release Chuck
11060	Bi-Torsion® Magnetic Quick Release Chuck

Part No.	Description
11047	#1 Phillips 1" Bit
11048	#2 Phillips 1" Bit
11049	#3 Phillips 1" Bit



Part No.	Description
11051	#1 Phillips 2" Bit
11052	#2 Phillips 2" Bit
11053	#3 Phillips 2" Bit

Part No.	Description
11055	0.8x5.5mm Slotted
11056	1.0x5.5mm Slotted
11057	1.2x6.5mm Slotted



## MINI CHECK® WITH MAGNETIC CHUCK

- Made of highest quality materials
- Strictly controlled manufacturing process
- High impact case used as a stand/holder for bits or as a driver
- Precision ground tips ensure consistent torque transfer and superior service
- Contains 3 slotted / 3 phillips 1" bits



Part No.	Contents
11063	#1,#2,#3 Phillips / 0.6mm x 4.5mm, 1 x 5.5mm, 1.2 x 6.5mm Slotted



# INSERT DRIVE BITS

## SQUARE



Part No.	Bit Size	Overall Length	Screw Diameter
10866	#0	1"	#3, #4
10867	#1	1"	#5, #6, #7
10868	#1	2"	#5, #6, #7
10870	#2	1"	#8, #9, #10
10871	#2	2"	#8, #9, #10
10872	#2	4"	#8, #9, #10
10873	#3	1"	#12, #14
10874	#3	2"	#12, #14

## SLOTTED



Part No.	Screw Size Flat/Round	Blade Thickness	Overall Length
11076	#4, #5	.034	1 1/2"
11077	#6, #8	.038	1 1/2"
10980	#8, #10	.042	1 1/2"
10981	#10, #12	.046	1 1/2"
10982	#12, #14	.050	1 1/2"
10983	#14, #10	.055	1 1/2"
10985	#6, #8	.038	2"
10986	#8, #10	.042	2"
10987	#10, #12	.046	2"
10988	#12, #14	.050	2"
10978	#6, #8	.038	3 1/2"
10979	#10, #12	.046	3 1/2"

## SLOTTED WITH COLLAR

Part No.	Point Size	Overall Length
11034	#6, #8	2 1/4"
11035	#10, #12	2 1/4"

Torx design fits tighter into screw socket allowing greater torque, improved drivability, less slippage & longer bit life than other styles.

## TORX

Part No.	Torx Sizes	Hex Dia.	Screw Size	Overall Length
11068	T10	1/4"	#4	1"
10973	T15	1/4"	#6	1"
10974	T20	1/4"	#8	1"
10975	T25	1/4"	#10	1"
10976	T27	1/4"	#10*	1"
10971	T30	1/4"	1/4"	1"
10972	T40	1/4"	5/16"	1"
10967	T30	1/4"	1/4"	2"
10968	T40	1/4"	5/16"	2"

\*Some #10 screws use T27 tool

## TORX WITH PIN

Part No.	Torx Sizes	Hex Dia.	Overall Length
11025	T-10	1/4"	1"
11026	T-15	1/4"	1"
11027	T-20	1/4"	1"
11028	T-25	1/4"	1"
11029	T-27	1/4"	1"
11031	T-30	1/4"	1"
11032	T-40	1/4"	1"

## SOCKET INSERT BIT - HEX WITH PIN

Part No.	Hex Dia.	Overall Length
11036	1/8"	1"
11037	5/32"	1"

## PHILLIPS

Part No.	Point Size	Overall Length
10951	1	1"
10952	2	1"
10953	3	1"
10955	1	2"
10956	2	2"
10957	3	2"
10954	1	3 1/2"
10958	2	3 1/2"
10959	3	3 1/2"
11073	1	6"
11074	2	6"
11075	3	6"

## SPANNER

Part No.	Point Size	Overall Length
11038	#6	1"
11039	#8	1"
11040	#10	1"
11079	#12	1"
11080	1/4"	1"

## BIT HOLDER

- For 1/4" hex insert bits
- Magnetic - holds bit firmly in place
- Manufactured of industrial quality stainless steel
- With C-Ring Retainer

Part No.	Body Dia.	Nose Dia.	OL
10950	3/8"	7/16"	3"

## DOUBLE END BITS



Phillips/Slotted				
Part No.	Description	Type	Bit Length	Shank Dia.
11081	#1 Phil / #6 Slot	⊕ ⊗	1 1/2"	1/4"
11082	#2 Phil / #4 Slot	⊕ ⊗	1 1/2"	1/4"
11083	#3 Phil / #10 Slot	⊕ ⊗	1 1/2"	1/4"
11085	#2 Phil / #2 Phil	⊕ ⊕	1 3/4"	1/4"
11013	#0 Phil / #3 Phil	⊕ ⊕	2"	1/4" *
11014	#1 Phil / #2 Phil	⊕ ⊕	2"	1/4" *
11017	#6 Slot / #8 Slot	⊗ ⊗	2"	1/4" *
11003	#0 Phil / #1 Phil	⊕ ⊕	3"	1/4"
11004	#2 Phil / #3 Phil	⊕ ⊕	3"	1/4"
11005	#8 Slot / #10 Slot	⊗ ⊗	3"	1/4"
10942	#2 Phil / #10 Slot	⊕ ⊗	3"	1/4"
11087	#1 Phil / #2 Phil	⊕ ⊕	3"	5/16" *
11088	#8 Slot / #14 Slot	⊗ ⊗	3"	5/16" *

\*Spring tension ball in shank

Torx/Square/Hex				
Part No.	Description	Type	Bit Length	Shank Dia.
11016	#1 Square / #2 Square	⊙ ⊙	2"	1/4"
11015	#0 Square / #3 Square	⊙ ⊙	2"	1/4"
11011	T10 Torx / T15 Torx	⊕ ⊕	2"	1/4"
11012	T20 Torx / T25 Torx	⊕ ⊕	2"	1/4" *
11006	T15 Torx / T20 Torx	⊕ ⊕	3"	1/4" *
11007	T25 Torx / T30 Torx	⊕ ⊕	3"	1/4" *
11008	#2 Square / #3 Square	⊙ ⊙	3"	1/4"
11009	3/32 Hex / 1/8 Hex	⊙ ⊙	3"	1/4"
11010	5/32 Hex / 3/16 Hex	⊙ ⊙	3"	1/4"

Tamperproof				
Part No.	Description	Type	Bit Length	Shank Dia.
11018	T10H/T15H Torx w/Pin	⊕ ⊕	2"	1/4" *
11019	T20H/T25H Torx w/Pin	⊕ ⊕	2"	1/4" *
11020	T27H/T30H Torx w/Pin	⊕ ⊕	2"	1/4" *
11021	1/8 / 9/64 Hex w/Pin	⊙ ⊙	2"	1/4" *
11022	5/32 / 3/16 Hex w/Pin	⊙ ⊙	2"	1/4" *
11023	#6 / #8 Spanner	⊕ ⊕	2"	1/4" *
11024	#10 / #12 Spanner	⊕ ⊕	2"	1/4" *

## SPEED CHUCK™ QUICK CHANGE ADAPTER

- Works with most 1/4" chucks with bearing groove
- For use with: 10868, 10871, 10872, 10874-10879, 10950, 10954-10960, 10964-10968, 10978, 10979, 10985-10988, 11034 and 11035

Part No.	Description
10876	Speed Chuck



**AVAILABLE ASSORTMENTS**  
 85244 - Pg.A-173 - Insert Drive Bits  
 85812 - Pg.A-173 - 1/4 Insert Bits

# NUTDRIVERS

## 7Pc. CUSHION GRIP SCREWDRIVER/NUT DRIVER SET

- Specialty set for a wide variety of applications
- Comfortable, sure-grip handles
- Top quality, tempered steel blades with precision ground hardened tips for exact fit

### Contents for Set No. 12372

Description	Blade Length	Overall Length
Square-shank, keystone-tip*	4"	8 11/32"
Round-shank, cabinet-tip	6"	9 3/4"
Round-shank, No. 2 Phillips-tip	4"	8 5/16"
Round-shank, cabinet-tip*	4"	8 11/32"
1/4" hex nut driver	3"	6 3/4"
5/16" hex nut driver	3"	6 3/4"
3/8" hex nut driver	3"	6 3/4"

Part No.  
12372



## 7Pc. STANDARD 3/16" - 1/2"

- Cushion grip handles are 20% larger for greater torque and leverage
- Chemical resistant, color coded handles, sizes stamped
- Alloy steel sockets and shafts

### Contents:

11928	9-42191	3/16"
11929	9-42192	1/4"
11930	9-42193	5/16"
11931	9-42194	11/32"
11932	9-42195	3/8"
11933	9-42196	7/16"
11934	9-42197	1/2"

Part No.	Description
11938	7 Pc. Set 3/16"-1/2"



## 7Pc. CUSHION-GRIP NUT DRIVER SET

- General-purpose selection of the most frequently used nut drivers
- Comfortable, sure-grip handles

### Contents for Set No. 12375

Color	Hex Size	Shank Length	Overall Length
Black	3/16"	3"	6 3/4"
Red	1/4"	3"	6 3/4"
Yellow	5/16"	3"	6 3/4"
Green	11/32"	3"	6 3/4"
Blue	3/8"	3"	6 3/4"
Brown	7/16"	3"	7 5/16"
Red	1/2"	3"	7 5/16"

Part No.  
12375



## 7Pc. METRIC M5-M11

- Cushion grip handles are 20% larger for greater torque and leverage
- Chemical resistant, color coded handles, sizes stamped
- Alloy steel sockets and shafts

### Contents:

9-42201	5mm
9-42202	6mm
9-42203	7mm
9-42204	8mm
9-42205	9mm
9-42206	10mm
9-42207	11mm

Part No.	Description
11939	7 Pc. Set M5-M11



## 7Pc. MAGNETIC TIP CUSHION-GRIP NUT DRIVER SET

- Full hollow shaft for long bolts or studs with magnetic tip
- Comfortable, sure-grip handles

### Contents for Set No. 12376

Color	Hex Size	Shank Length	Overall Length
Black	*3/16"	3"	6 3/4"
Red	1/4"	3"	6 3/4"
Yellow	5/16"	3"	6 3/4"
Green	11/32"	3"	6 3/4"
Blue	3/8"	3"	6 3/4"
Brown	7/16"	3"	7 5/16"
Red	1/2"	3"	7 5/16"

Part No.  
12376



\*Magnetic nut driver does not have a hollow shaft

## 7Pc. CUSHION-GRIP EXTRA LENGTH NUT DRIVER SET

- General-purpose selection of the most frequently used nut drivers with 6" shank length
- Comfortable, sure-grip handles

### Contents for Set No. 12377

Color	Hex Size	Shank Length	Overall Length
Black	3/16"	6"	9 3/4"
Red	1/4"	6"	9 3/4"
Yellow	5/16"	6"	9 3/4"
Green	11/32"	6"	9 3/4"
Blue	3/8"	6"	9 3/4"
Brown	7/16"	6"	10 5/16"
Red	1/2"	6"	10 5/16"

Part No.  
12377



## 7Pc. STANDARD 3/16" - 1/2"

- 7 Most popular drivers, with segmented vinyl pouch
- Solid shaft for extra strength, color coded

Part No.	Description
11937	7 pc. 3/16 - 1/2 w/Vinyl Pouch



## GEARDRIVER™ NUTDRIVER SET

### RATCHETING / REVERSIBLE

- Interchangeable shafts, 8° reversible ratchet, or non-ratcheting mode
- Ergonomic handle for improved grip, higher torque, reduced fatigue
- Includes compartmented case

Part No.	Description
11940	8 Pc. SAE GearDriver™ Nut Driver Set (1) Stubby GearDriver™ Handle (7) Interchangeable Fractional Nut Driver Shafts: 3/16, 1/4, 5/16, 11/32, 3/8, 7/16, 1/2
11941	8 Pc. Metric GearDriver™ Nut Driver Set (1) Stubby GearDriver™ Handle (7) Interchangeable Metric Nut Driver Shafts: M5,6,7,8,9,10,11,12



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# HEX TOOLS

## ERGONOMIC FOLD UP - CUSHION GRIP

- Soft, durable composite cushion grip handle provides safe, comfortable, slip-resistant use
- Strong as steel hard shell outer casing, color coded: Red/Inch, Blue/Metric, Green/Torx
- Designed for maximum torque at a right angle; firm, positive stop at 180° for use like a screwdriver
- Keys made of highest quality chrome-nickel alloy steel, heat treated for strength, rust resistant finish



Part No.	# of Keys	Description (Length)
2240	9	.050 - 3/16 Sq. End (3.75")
2241	9	5/16 - 1/4 Sq. End (4.50")
2242	6	5/32 - 3/8 Sq. End (5.50")
2243	9	5/64 - 1/4 Ball End (4.50")
2244	5	3/16 - 3/8 Ball End (5.50")
2246	6	M3 - M10 Sq. End (5.50")
2247	6	M2 - M6 Ball End (3.75")
2249	8	T8 - T40 Torx Sq. End (4.50")
86208	Asst.	2240, 2247, 2242, 2243, 2244, 2249



## BALLDRIVER SETS

- Comfortable, screwdriver type handle
- Color coded handles: Fractional - Green, Metric - Blue
- Ball design increases torque capacity, angles up to 25°
- Sizes stamped on handle for easy identification



Part No.	Description
2250	.050-3/8" (13) w/Vinyl Pouch
2254	M1.5-10 (9) w/Vinyl Pouch

## CUSHION GRIP

- Stand-up caddy, keeps keys, convenient, organized (2340)
- T-handle affords greater torque, better grip, long reach
- Soft, textured, slip-resistant cushion grip handles
- Keys made of highest quality chrome-nickel alloy steel, heat treated for strength, rust resistant finish
- Wall or bench mount stand keep tools within reach (2338, 2339)



Part No.	Sizes (pc)	Description
2340	3/32-3/8" (10)	Square End 6"
2338	13	.050 - 3/8 Ball End (9")
2339	10	M1.3 - M10 Ball End (9")

Individual Hex Keys on page B-16

## 18Pc. T-HANDLE FRACTIONAL/METRIC CUSHION GRIP

- Slip resistant cushion grip reduces hand fatigue
- Includes standard sizes: 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", and 3/8"; and metric sizes: 2, 2.5, 3, 4, 5, 6, 8, and 10mm



Part No.	Description
2343	18 Piece Standard/Metric Cushion Grip T-Handle Hex Key Set

## 14Pc. FRACTIONAL/METRIC LONG ARM BALL END

- Includes 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16" standard long arm and 2, 2.5, 3, 4, 5, 6, 8mm metric long arm sizes
- Convenient plastic carrying caddy



Part No.	Description
2259	14 Piece Standard/Metric Long Arm Ball End Hex Key Set

## BALL END T-THRU HANDLE

- Ergonomic non-slip grip
- Ball end on long arm improves access
- Hex end on short arm for increased torque
- Stand included, lifetime warranty



Part No.	Description
2333	10 Pc. Set: 3/32 - 3/8"
2334	8 Pc. Set: M2 - M10

## MAGNETIC BALL END LONG ARM

- Magnetic tip holds fastener in place
- Caddy included, lifetime warranty



Part No.	Description
2253	13 Pc. Set: .050 - 3/8"
2255	9 Pc. Set: M1.5 - M10

# HAMMERS

## HEAVY EQUIPMENT HAMMERS



The powerful Slide Sledge Heavy Equipment Hammer is the ultimate tool for heavy tool repairs. It reduces dangerous time consuming hammer and chisel jobs to a one man, one tool operation. The linear motion of Slide Sledge focuses power for precision impact to drive pins and make other tough maintenance jobs easier, faster and a whole lot safer. Reduce downtime and increase your profits.

- Ergonomic handle provides solid grip
- Slide lock keeps bar in place when tool is not in use
- Fatigue-proof steel drive bar induction hardened to 45HRC for a powerful pay-load of impact
- Patented IMPACT DELIVERY SYSTEM™ maximizes power to transfer to tip
- QUICK CHANGE mechanism holds tips securely in place and allows for fast tip changes
- D-HEAD design keeps tip from rotating
- Includes a durable nylon carrying bag with inner pockets to transport and store tool and tips.



Part No.	Description	Weight of Bar	Length of Drive Tool
12600	Hammer with 2" Pin Driver Tip	9 lbs.	30" long
12601	Hammer Kit with 6 Tips	9 lbs.	30" long
12602	Hammer with 2" Pin Driver Tip	13 lbs.	46" long
12603	Hammer Kit with 6 Tips	13 lbs.	46" long
12598	Hammer with 2" Pin Driver Tip	14 lbs.	30" long
12599	Hammer Kit with 6 Tips	14 lbs.	30" long
12604	Hammer with 2" Pin Driver Tip	21 lbs.	46" long
12605	Hammer Kit with 6 Tips	21 lbs.	46" long

## HEAVY EQUIPMENT INDIVIDUAL TIPS

- A full range of application specific tips listed below are available for use with the Slide Sledge® Heavy Equipment™ hammers.
- Each of these interchangeable tips and accessories can turn your Slide Sledge® into a brand new tool every time you attach a different tip, you have a new tool to complete a full range of tasks
- Quick change tips are engineered to get the job done faster and easier - to perform virtually any heavy equipment maintenance

### INDIVIDUAL PIN DRIVERS

Part No.	Diameter	Recommend for Pins
12606	1/2	1/2-7/8
12607	7/8	7/8-2"
12608	1 1/4	1 1/4-2"
12609	2"	2"-2 1/2"
12610	2 1/2	2 1/2-3"
12611	3"	3"-4"



12608



12611

### ACCESSORIES

#### BUCKET TOOTH PIN REMOVERS

Part No.	Diameter
12612	3/8
12613	1/2
12614	3/4



12612



12613



12614

#### TIE ROD/BALL JOINT SEPARATOR SET

- Slide Sledge® separator adapter and 11/16", 15/16" 1/8" forks

Part No.	Description
12618	3 Tip Set



#### UTILITY WEDGE TIP

- All purpose impact tool designed to separate parts and straighten steel with maximum force

Part No.	Description
12622	Utility Wedge Tip



#### CURVED/CHISEL TIP

- 1 3/8" tip ideal for chopping away hardened debris & shearing metal bolts and rivets up to 3/8" grade 8

Part No.	Description
12623	Curved/Chisel Tip



#### 5 LB HANDLE WEIGHT

- Increases the SlideSledge® striking force by 5 lbs. Works with any of the four tools by threading onto tool handle

Part No.	Description
12624	5lb. Handle Weight



HAND TOOLS

# HAMMERS

## BALL PEIN



- Heads are drop forged from selected high grade steel and black finished
- High polish on face, cheeks and peins
- Hickory Handles - Select white hickory, flame treated, clear lacquered and securely wedged



### 5 Pc. HAMMER SET

- Includes:
- 11970 12 oz. Plastic Tip
  - 11955 12 oz. Ball Pein
  - 11956 16 oz. Ball Pein
  - 11957 24 oz. Ball Pein
  - 11958 32 oz. Ball Pein

Part No.	Description
11959	5 Pc. Hammer Set

### INDIVIDUAL SIZES

Part No.	Description
11954	8 oz. 12" L
11955	12 oz. 12 3/4" L
11956	16 oz. 13 3/4" L
11957	24 oz. 15 1/4" L
11958	32 oz. 15 3/4" L
11970	12 oz. Plastic Tip 12" L

## FIBERGLASS HANDLE

- Hollow core fiberglass provides better balance, absorbs shock better than wood handle
- Comfortable, non-slip handle grips



Part No.	Description
11949	12 oz. 13" L
11950	16 oz. 13" L
11951	24 oz. 14 1/2" L
11952	32 oz. 14 3/4" L

## REPLACEMENT HANDLES & WEDGES

- Handles are made of finest hickory
- Fire finished - waterproof sealed
- Furnished with steel wedged and ready to fit



### HANDLES

Part No.	Description
4817	14" Handle for #11954 to #11956 Hammers
4818	16" Handle for #11957 Hammer
4819	18" Handle for #11958 to #11959 Hammers
4820	16" Handle for #10902 & #10903 Hammers
4821	30" Handle for #10905 Hammer
4822	36" Handle for #10905 Hammer

### WEDGES

Part No.	Description
4830	#3 Wedge for #4817 & #4818 Hammer Handles
4831	#4 Wedge for #4819 & #4820 Hammer Handles
4832	#5 Wedge for #4821 & #4822 Hammer Handles



## JACKETED FIBERGLASS ENGINEER'S



- Forged steel head is hardened and tempered
- Faces machine finished
- Yellow colored, jacketed fiberglass handles provide greater visibility, strength and durability



Part No.	Size		Head Length		Face		Overall	
	Lbs.	Kg.	Inches	MM	Inches	MM	Inches	MM
10904	4	1.8	4 15/16	129	1 15/16	49	13 5/8	346

## ENGINEER'S

- Forged steel head-hardened and tempered for durability
- Faces machine finished
- Selected clear lacquered hickory handles



Part No.	Size/ Lbs.	Head		Handle Length
		Length	Face	
10903	4	5 1/4	1 3/4	16"

## SLEDGE

- Forge steel head - hardened and tempered for durability
- Faces machine finished
- Selected clear lacquered hickory handles



Part No.	Size/ Lbs.	Head		Handle Length
		Length	Face	
10905	8	6 1/2	2 1/4	32"
4821	30" Replacement Handle w/Wedge			
4822	36" Replacement Handle w/Wedge			
4832	#5 Steel Wedge Only			

## 3 LB. STRIKING



- Drop forged head with large, crowned striking face
- The right choice for striking cold chisels, punches, and brick chisels
- 10" Hickory handle



Part No.	Description
10901	3 lb. Striking Hammer

Welders Chipping Hammers available on Catalog page L-33

# HAMMERS

## DEAD BLOW

- Shot filled cannister absorbs shock
- Resists chipping and splitting, will not spark or mar surfaces



Part No.	Description
11960	18 oz. 12" L Safety Red
11962	42 oz. 12" L Safety Red

## FIBERGLASS HANDLE

- Urethane cast striking faces
- Super grip fiberglass handles for safe, non-slip use, less user fatigue
- Non-marring, high cut resistance



Part No.	Description
11961	2 lb. Hammer
11963	3 lb. Hammer

## RUBBER MALLET

- Solid, non-flaking, non-marring rubber head



Part No.	Description
11964	24 oz. 15 3/8" L Fiberglass Handle
11965	16 oz. 13" Hickory Handle

## BRASS

- Non-sparking, non-marring soft brass head absorbs blow, reduces rebound
- Shock-resistant fiberglass handle



Part No.	Description
11967	1 1/2 lbs. 12" L
11968	4 lbs. 12" L

## CLAW

### JACKETED GRAPHITE REINFORCED HANDLE

- High strength graphite handle core for durability
- Molded outer jacket to prevent splintering
- Contoured textured, ribbed vinyl grip minimizes slipping
- Head fully heat treated with Rim Tempered™ face to reduce chipping

Part No.	Description	Weight	Length
		Oz.	Inches
10899	Rip Claw	16	13



### ANTI-VIBE™

- Designed to reduce exposure to vibrational energy generated during repetitive hammering impacts to the work-piece
- The high carbon, polished steel head is precision balanced for a superior swing
- Patented head-to-handle assembly for added safety
- Provides eight times better vibration reduction compared to the leading all-steel hammer

Part No.	Description	Weight	Length
		Oz.	Inches
10898	Rip Claw-Forged Steel Handle	20	14



### RIP CLAW

- Forged steel head and handle
- Air cushioned, slip resistant grip
- Hickory plug in head absorbs shock

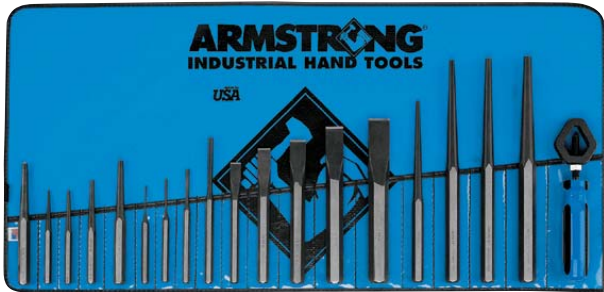
Part No.	Face Type	Head Length	Head Weight	Weight lbs.
10896	Polished	12 3/4"	16oz	1.7
10897	Polished	14"	20oz	2



# PUNCH & CHISEL SETS

## 19Pc. SET

Set contains:  
13 punches (4 drift, 4 pin, 4 starting, 1 center)  
5 cold chisels & holder



Part No.	Contents
11499	11473, 11475, 11476, 11477, 11485, 11486, 11488, 11490, 11479, 11480, 11481, 11483, 11495, 11509, 11510, 11511, 11512, 11514, 11600

## 12Pc. SET

Set contains:  
7 punches (2 drift, 3 pin, 1 starting, 1 center)  
5 chisels (3 cold, 1 cape, 1 diamond point)



Part No.	Contents
11596	11470, 11473, 11481, 11485, 11486, 11488, 11493, 11507, 11509, 11511, 11517, 11524

## 12Pc. SET

Set contains:  
7 punches (3 pin, 3 starting, 1 center)  
5 chisels (3 cold, 1 cape, 1 diamond point)



Part No.	Contents
11504	11478, 11480, 11481, 11485, 11486, 11488, 11493, 11506, 11508, 11509, 11516, 11524

## 9Pc. SET

- Bright red color for high visibility
- Corrosion resistant E-coat finish



Contents:

- 9-42881 1/16
- 9-42882 3/32
- 9-42883 1/8
- 9-42861 3/8
- 9-42841 3/8
- 9-42901 5/32
- 9-42902 3/16
- 9-42973 1/2
- 9-42975 3/4



Part No.	Description
11497	9 Pc Punch, Chisel & Line-up Set

## PUNCH & CHISEL HOLDER

- Holds tools securely, keeps hands out of the way
- Durable, easy-grip polymer handle



Part No.	Description
11600	Punch & Chisel Holder

## 4Pc. METALWORKING SPRING PUNCH & CHISEL SET

- Spring loaded, no hammer needed
- Self-centering punch ideal for hinges and brackets
- Center punch for drill or screw installation
- Includes cold chisel and prick punch



Part No.	Description
11463	4 Pc. Metal Working Set

# PUNCHES

- Forged using tough, shock-resistant tool steel for superior durability
- Full shank is heat treated for extended tool life, struck end is drawn back to resist “mushrooming”
- Cutting edges are precision ground for efficient cutting and long life

## PUNCH SETS

### 12Pc. PUNCH SET



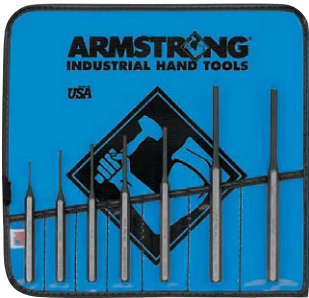
Part No.	Contents
11599	Drift: 11470, 11471, 11472, 11473, 11475, 11476 Drive Pin: 11484, 11485, 11486, 11487, 11488, 11490

### 10Pc. PUNCH SET



Part No.	Contents
11598	Starting: 11478, 11480, 11481, 11483 Center: 11491, 11492, 11493, 11494, 11495, 11496

### 7Pc. PIN PUNCH SET



Part No.	Description / Contents
11500	7Pc. Set - 11484, 11485, 11486, 11487, 11488, 11489, 11490
11498	5Pc. Set - 11472, 11473, 11474, 11475, 11476

### 4Pc. SPRING PIN PUNCH

- Spring loaded, no hammer needed
- 1 3/8" long, self-centering, tapered tips
- Perfect for tight spaces
- Great for removing pins



Part No.	Description
11460	4 Pc. Pin Punch Set



## PUNCHES

### PIN



Part No.	Description
11484	5/16 x 4 L, 1/16 Point
11485	5/16 x 4 1/2 L, 3/32 Point
11486	5/16 x 4 3/4 L, 1/8 Point
11487	5/16 x 5 L, 5/32 Point
11488	5/16 x 5 1/4 L, 3/16 Point
11489	3/8 x 5 1/2 L, 7/32 Point
11490	3/8 x 5 3/4 L, 1/4 Point

### CENTER



Part No.	Description
11491	1/4 x 4 Long
11492	5/16 x 4 1/2 Long
11493	3/8 x 5 Long
11494	7/16 x 5 1/2 Long
11495	1/2 x 6 Long
11496	5/8 x 6 1/4 Long

### STARTING



Part No.	Description
11478	5/16 W x 4 1/2 L, 1/16 Point
11480	5/16 W x 4 1/2 L, 1/8 Point
11481	3/8 W x 5 L, 3/16 Point
11483	7/16 W x 6 L, 1/4 Point

### DRIFT / ALIGNING



Part No.	Description
11471	5/16 W x 8 L, 3/32 Point
11472	5/16 W x 8 L, 1/8 Point
11470	1/2 W x 8 L, 5/32 Point
11473	1/2 W x 10 L, 3/16 Point
11474	1/2 W x 10 L, 7/32 Point
11475	5/8 W x 12 L, 1/4 Point
11476	5/8 W x 12 L, 5/16 Point
11477	3/4 W x 15 L, 3/8 Point

### SPRING PUNCH

- Spring loaded, no hammer needed
- Made of hardened steel with ringed ends for sure grip
- Center Puncher - To center punch deep, accurate indentions for drill and nail starts



Part No.	Description
10861	Spring Punch



# CHISELS / STAMPS

## CHISEL SETS

### 12Pc. CHISEL SET



Part No.	Contents
11597	<b>Cold:</b> 11506, 11508, 11510, 11511, 11512 <b>Cape:</b> 11516, 11517, 11518, 11519 <b>Diamond Point:</b> 11522, 11524, 11525

### 7Pc. COLD CHISEL SET



Part No.	Contents
11502	11506, 11507, 11508, 11509, 11510, 11511, 11512

### 5Pc. WOOD CHISEL SET



- Ergonomic design, contoured handle with thumb impression for comfort and control
- Drop forged steel blades are hardened, tempered, and precision ground
- Metal striking cap protects handle

Includes:

- 1 1/4" Chisel
- 1 1/2" Chisel
- 1 3/4" Chisel
- 1 1" Chisel
- 1 1 1/4" Chisel



Part No.	Mfg. No.	Description
10919	9-36859	5 Pc. Chisel Set

### PUNCH & CHISEL HOLDER

- Holds tools securely, keeps hands out of the way
- Durable, easy-grip polymer handle



Part No.	Description
11600	Punch & Chisel Holder

## CHISELS

### COLD



Part No.	Description
11506	1/4 x 5 L, 5/16 Wide
11507	5/16 x 5 1/2 L, 3/8 Wide
11508	3/8 x 6 L, 7/16 Wide
11509	7/16 x 6 L, 1/2 Wide
11510	1/2 x 6 1/2 L, 5/8 Wide
11511	5/8 x 7 L, 3/4 Wide
11512	3/4 x 7 1/2 L, 7/8 Wide

### CAPE



Part No.	Description
11516	3/8 x 5 1/2 L, 3/16 Wide
11517	3/8 x 5 1/2 L, 1/4 Wide
11518	1/2 x 6 1/4 L, 5/16 Wide
11519	5/8 x 7L, 3/8 Wide

### DIAMOND POINT



Part No.	Description
11522	5/16 x 5 L, 1/8 Wide
11524	3/8 x 5 3/4 L, 1/4 Wide
11525	1/2 x 6L, 5/16 Wide

## NUMBER / LETTER STAMP

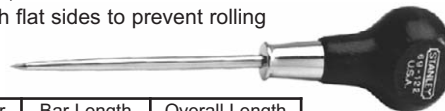
- Spring loaded, no hammer needed
- Interchangeable, A-Z, 0-9 Kit
- Excellent for mild steel or wood
- 1/4" characters, includes driver



Part No.	Description
11461	38 Pc. Number/Letter Set

## SCRATCH AWL

- Blade, shank and head forged from one piece of alloy steel
- Rivet through ferrule, handle and shank
- Finished handle with flat sides to prevent rolling



Part No.	Bar Diameter	Bar Length	Overall Length
10946	1/4"	3 1/8"	6 1/4"

# EXTRACTORS

## DRILL OUT® POWER BROKEN BOLT REMOVER

Drill-Out® is the easiest, most effective extractor on the market. The unique design uses flexing action to avoid breakage and reduce swelling of the broken fastener for easier removal. Most standard extractors use a wedge method which splits and swells the fastener, making it more difficult to remove. Drill-Out® operates with your power drill on reverse setting, so it won't remove left-hand thread fasteners.

- Short, tough drill body allows flexibility in close quarters
- Self-centering tip will not walk, left hand cutting edge
- Shallow drill depth for more control and less stress on tool, won't damage threads in hole
- Drills into all types of fasteners including Grade 8 and Class 10.9
- Uses the power of the drill to extract the bolt, no other tools needed
- Made in USA, rugged, heavy duty design, reusable

Part No.	Description
52580	7 pc. Set #5-1/2"

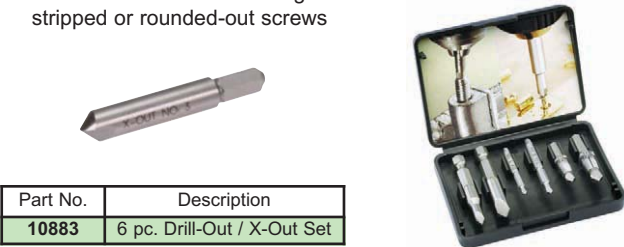
Part No.	Description
52575	4 pc. Set #5-1/4"
<b>Kit Contains:</b>	
52576	#5 & #6 - M3
52577	#8 - M4
52578	#10 & #12 - M5
52579	1/4" - M6

Part No.	Description
52570	4pc. Drill-Out® Set
<b>Kit Contains:</b>	
52571	1/4" or M6
52572	5/16" or M8
52573	3/8" or M10
52574	1/2" or M12



## X-OUT DAMAGED SCREW REMOVER

- Works on these drive systems:
- Makes fast work of removing stripped or rounded-out screws



## PIPE EXTRACTOR SET

- For the removal of broken threaded ends of pipe, plugs and fittings
- Hex body can be used with a wrench
- Pipe sizes are marked on each wrench
- Heat treated alloy steel, plated to prevent rust

Part No.	Description
11754	Set of 4 - 3/8, 1/2, 3/4, 1" Pipe Sizes



## POWER-GRIP™ SOCKET SET

### REMOVES DAMAGED BOLTS / SCREWS

- Reverse spiral flutes for maximum gripping power
- Universal shape fits metric & fractional sizes
- 1/4" hex shank for use with cordless & corded power drills or nut drivers



Part No.	Description
12001	7 Pc. Set w/Case 3/16"-1/2"



## BOLT/SCREW - SPIRAL

- Removes broken parts without damaging threads



Part No.	Description
52590	10 pc. Set (Extractors #1, #2, #3, #4, #5, Drills 3/32, 1/8, 3/16, 1/4, 5/16)
52591	5 pc. Set (Extractors 3/16 - 3/4")
52592	6 pc. Set (Extractors 3/16 - 1")
52594	4 pc. Set (Extractors 3/4 - 2 1/2")



## INDIVIDUAL

Part No.	For Extracting	Small End	Drill Size	Mfg. No.
52581	3/16 & 1/4	1/16	3/32	1
52582	1/4 & 5/16	.086	1/8	2
52583	5/16 & 7/16	1/8	3/16	3
52584	7/16 & 9/16	3/16	1/4	4
52585	9/16 & 3/4	1/4	5/16	5
52586	3/4 & 1"	3/8	13/32	6
52587	1" & 1 3/8"	1/2	17/32	7
52588	1 3/8 & 1 3/4"	3/4	13/16	8



## SCREW & PIPE - SQUARE FLUTED

- Provides sure grip on studs, screws and pipe



Part No.	Description
11836	5 pc. Set (11826, 11827, 11828, 11829, 11830)

Part No.	Description	Screw Size	Pipe Size
11826	1/8 Shank, 1/8 End	#12 - 5/16"	
11827	3/16 Shank, 11/64 End	5/16 - 3/8"	
11828	1/4 Shank, 13/64 End	7/16 - 1/2"	1/8
11829	5/16 Shank, 19/64 End	1/2 - 9/16"	1/4
11830	3/8 Shank, 11/32 End	9/16 - 5/8"	3/8
11831	15/32 Shank, 27/64 End	5/8 - 3/4"	
11832	9/16 Shank, 1/2 End	7/8 - 1"	1/2
11833	21/32 Shank, 19/32 End	1 - 1 1/8"	1/2
11834	13/16 Shank, 23/32 End	1 1/8 - 1 3/8"	3/4



## IMPACT GRADE BOLT-OUT®

### 9 PC. DAMAGED BOLT/NUT REMOVER SET

- Specialty socket set designed to easily remove rounded, corroded, or painted over nuts, bolts, wheel lugs, pipes, pipe nipples, or studs
- Includes 9 impact sockets sizes: 15mm, 16mm or 5/8", 17mm, 19mm or 3/4", 10mm, 11mm or 7/16", 12mm, 13mm, 14mm; and punch
- Wt. 2.3 lbs.



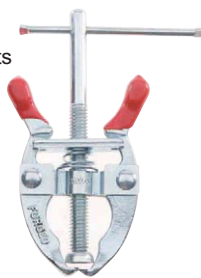
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# PULLERS / PRY BARS

## BATTERY TERMINAL

A few turns of the handle of this compact tool exerts enough pressure to raise the terminal off the post.

Part No.	Description
4151	Terminal Puller



## REVERSIBLE CONE TYPE

This versatile puller can be used for pulling bearing cups, outer races, etc., and then, by quickly reversing the arms and cone nut, be used as external puller. The thin arms are ideal for removing small gears, bearings and pulleys. Arms and cone zinc plated, hub and forcing screw black finish.



Part No.	Description	Dimensions		Reach	Screw Dia.	Weight
		Internal	External			
12002	3 Jaw	5/8 - 3"	1 11/16"	3 3/4"	5/8"	2.62 Lbs.

## ADJUSTABLE ARMS

- Precision machined bolt for smooth operation
- Adjustable arm fits around most gears

Part No.	Description
12006	Adjustable Puller



## HEAVY DUTY

Heavy Duty pullers provide straight line pulling for all types of bearings, sprockets, gears, pulleys, wheels and hubs. Crossarms are marked in inches and half inches for accurate equidistant spacing of jaws. Springs hold quick-change jaws securely in position. Jaws are reversible and drilled to allow bolting together to provide the extended reach required to pull bearings and gears from long shafts. Special cap screw and timing gear jaws are available. Heat treated screws have black oxide finish and replaceable tips. Crossarms and jaws are hot forged heat treated alloy steel with nickel chrome finish.



Part No.	Description (# of Pieces)
12010	Heavy Duty Puller - Spring Clip (2), Detachable Tip (1), Dual Reach Jaw, 2" and 4" Reach (2), Narrow Jaw, 4" Reach (2), Forcing Screw (1), 2 Way Crossarm, 7" (1), Steel Storage Box (1)

Part No.	Description (# of Pieces)
12011	Heavy Duty Puller - Spring Clip (2), Detachable Tip (1), Dual Reach Jaw, 4 11/16" and 7 1/8" Reach (2), Narrow Jaw, 7 3/16" Reach (2), Cap Screw Jaw, 2 15/16" Reach (2), Forcing Screw (1), 2 Way Crossarm, 11" (1), Steel Storage Box (1)

## ALIGNING



Can be used for countless prying, positioning and aligning jobs. Hot formed from special alloy steel and heat treated for the proper combination of toughness, hardness, and strength. Black oxide finish with polished head and point.

- Forged using tough, shock-resistant tool steel for superior durability
- Heat treated for longer tool life, precision ground edges

## ROLLING HEAD



A pry and aligning bar with a long pointed taper and 90° rolling head. Ideal for aligning holes. Rolling head and long handle provide tremendous leverage. Especially useful for prying in limited clearance areas, such as behind gears. Hot formed from alloy steel and heat treated for extra strength. Black oxide finish with polished head and point.



Part No.	Description
11535	4 pc. Set Consists of: Aligning: 16" x 5/8", 24" x 3/4" Rolling Head: 15" x 1/2", 18" x 5/8"

## SCREWDRIVER TYPE

High quality, shock resistant, forged tool steel pry bar with factory installed handle for better workability and grip. Heat treated, precision ground point with black oxide finish for long tool life.



Part No.	Description
11464	4 pc. Set Consists of: 7", 12", 17" 24"

## INDIVIDUAL

Part No.	Description
11467	17" x 3/8"
11468	24" x 3/8"

## WONDER BAR

- Forged high carbon steel
- Heat treated for extra toughness with polished and beveled cutting edges
- Contoured bar is ideal for pulling nails, prying, lifting, scraping
- Beveled nail slot both ends

Part No.	Bar Diameter	Overall Length
10949	1 3/4"	12 3/8"



# RETRIEVERS / MIRRORS / MAGNIFIERS

## MAGNETIC RETRIEVERS



### PICK-UP TOOLS

- Cushion Grip Handle
- Plated to keep sides from attaching to unwanted metal surfaces
- Double ball and socket joint gives full 360° flexibility (12077)
- Goblet shaped head increases lifting power (12095)



12077



12095

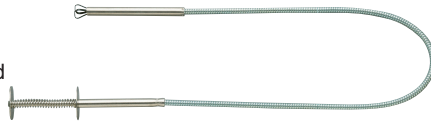
Part No.	Description
12077	13 1/4"-26 3/4" Extension 2 lb. Lift
12095	7 1/8"-30 1/4" Extension 16 lb. Lift

## FLEXIBLE PICK-UP TOOL



### WITH SPRING JAWS

- Overall length 23 1/2"
- Easy working plunger controls four spring-loaded steel claws



Part No.	Description
12079	Spring Jaw Pick-Up Tool

## FLEXIBLE LIGHTED MAGNETIC RETRIEVER

- Super bright L.E.D. light in tip never needs to be replaced
- Strong 5 lb. magnet encased in brass, won't stick to sides or attract peripheral objects
- Thin, flexible 17" shaft bends to any angle without breaking, 23" overall length
- Protective coating on shaft prevents rust and corrosion
- Uses 3 button cell batteries (included)



Part No.	Description
12076	Lighted Retriever

## "MAG-IT™" MAGNETIC WAND



- Used for cleanup or retrieval of metal parts, chips or shavings
- Quick release handle for fast handling and removal
- Handle metal scrap safely, efficiently and effectively
- 10" and 15" models include storage tube



Part No.	Description
12296	10" Overall Length w/Storage Tube (4" Magnetic Area)
12297	15" Overall Length w/Storage Tube (6 3/4" Magnetic Area)

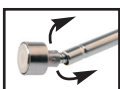
## LED FLASHLIGHT/MAGNETIC RETRIEVER

- Use 4 - LR44 lithium button cell batteries (included)
- 20" extendable retriever with flexible tip
- 6 diode LED flashlight, 16 hour runtime
- Magnet lifts up to 3 lbs.

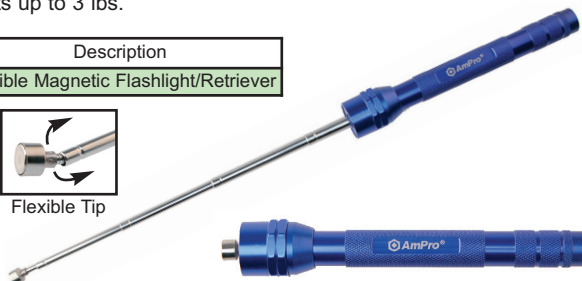
Part No.	Description
12074	Flexible Magnetic Flashlight/Retriever



Flashlight



Flexible Tip



## TELEMIRROR™ INSPECTION MIRROR

- Light-weight shatter-resistant acrylic mirror
- Swivel joint for quicker positioning swivels 180° and rotates 360°
- Extends from less than 8" to 35"
- Non-slip custom molded rubber grip



Part No.	Mirror Size	Extension Range
12097	3" x 4 1/2"	7 3/4" to 35 1/2"

## INSPECTION MIRROR



Designed for all types of inspection work where direct sight lines are obstructed. Features an all-angle ball joint for greater versatility.



Part No.	Mirror Size	Length (In.)	Mfg. No.
12075	2 1/8 to 3 1/2"	11 1/4 to 15 1/2"	70-929

Fed'l Spec. GGGM-350a

## TELEFIER™ INSPECTION MAGNIFIER

- Shatter-resistant acrylic
- Unique ball fitting for quick positioning
- Swivel 180°, rotates 360°



Part No.	Mirror Size	Extension Range
12098	1 3/4" x 2 1/2"	7 1/2" x 23 1/2"

## TELEMULTI™ TOOL KIT

TELEMULTI™ Tool Kit contains multi-purpose Magnetic Pick-up Tools, Inspection Mirror and Inspection Magnifier. This innovative design incorporates a stainless steel telescopic shaft with a non-slip custom rubber grip - extends from 7" to 34". Attached to the telescopic shaft is a brass quick-change coupler which allows the user to connect any one of four attachments. Kit comes complete with textured black plastic case.

- Small dual-powered magnet
- Large dual-powered magnet
- Inspection mirror
- Inspection magnifier

Part No.	Description
12099	TeleMulti™ Tool Kit



## LIGHTED MAGNIFIER

- Handy 4 power magnifier has plastic body and lens
- Batteries are included

Part No.	Description
12094	4X Lighted Magnifier

