



CRESCENT

Product Catalog



**MORE
THAN
TOUGH**

To us, tough is baseline. Everything that follows is what truly matters.

Crescent tools are built for those who bring expertise to the job each day. Built for those who understand the importance of quality and superior performance because just like you, Crescent tools are MORE THAN TOUGH.

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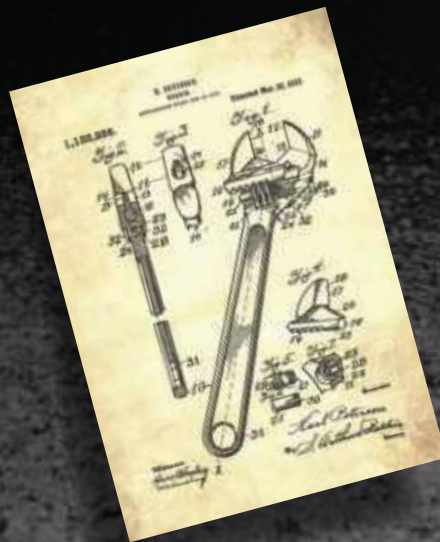
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1907

BORN FROM NECESSITY

Karl Peterson founded
the Crescent Tool Company
and introduced the Crescent
Adjustable Wrench. The unique
tool was an instant success —
the only tool provided in every
Ford Model T.

For over 100 years, we've
been designing tools as
smart as they are strong,
just like you.





1927

Charles Lindbergh made his historic flight with a reported cargo of "gasoline, sandwiches, a bottle of water, and a Crescent wrench and pliers."



1930

Crescent develops Crestoloy steel alloy to make its adjustable wrenches lighter and stronger. By 1938, Crescent is manufacturing thousands of Crestoloy tools for the U.S. Army Air Corps.



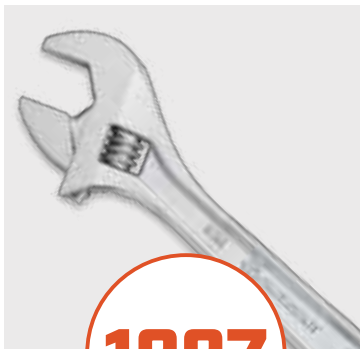
1964

Crescent vans begin traveling the country, visiting distributors and showing new products. This is a tradition that continues to this day.



1965

The media reports that Crescent tools are aboard the first manned Gemini space flight.



1997

The Crescent adjustable wrench receives its first major redesign in over 50 years, with a wider, more comfortable handle and increased jaw opening capacity over the entire line.



2018

The Crescent brand grows to include: Wiss shears and snips, Lufkin measuring products, Nicholson files and saws, HK Porter heavy-duty cutting tools and JOBOX on-site and truck storage.



2023

Crescent continues to evolve into a master brand with consolidation of legacy brands, breakthrough striking tools launch, rawhide nation merchandising and new "More Than Tough" tagline

TODAY

Over 100 years later, we're still designing tools
that are as smart as they are strong.
Today, all of these legacy products are brought
together under one iconic brand.



JOBOX

Lufkin

NICHOLSON

H.K. PORTER

Wiss

INNOVATIONS THAT SOLVE REAL-WORLD PROBLEMS.

Crescent tools earn their reputation through their strength and durability — matched by their intuitive features and user-focused design. They're the hard-working tools pros reach for every day.





NO B.S.
LIFETIME
WARRANTY

MAX
DURABILITY
BUILT TO LAST

HIGH
VALUE
QUALITY PERFORMANCE

We do not care how old your Crescent Tool is, there is no time limit on our No B.S. Lifetime Warranty.

NO B.S. MEANS NO B.S.

Crescent tools are designed, engineered, and tested to be More Than Tough, but we know that life happens and if your tool breaks you need a replacement fast. Crescent makes it simple with our No B.S. Lifetime Warranty.

**No B.S. Warranty applies to construction tools and power tool accessories.*



FASTENING

ADJUSTABLE WRENCHES

SPECIALTY WRENCHES

PIPE WRENCHES

SCREWDRIVERS

NUTDRIVERS

HEX KEYS

THE ORIGINAL CRESCENT ADJUSTABLE WRENCH

...But better.

Since its introduction in the early 1900s, the Crescent brand has become synonymous with the adjustable wrench. With market-leading innovation that saves time on the job, the new design features fast-fit jaws, off-corner loading to prevent rounding of fasteners, a larger knurl for easier in-use adjustments and more. We are the original name in adjustable wrenches, now with even more innovation.



Extra-Wide, Flared Beam

For superior comfort and ability to apply more torque

AC28VS

Off-Corner Loading

Prevents rounding of fasteners when applying heavy torque

Larger Knurl with Surround

For easier adjustment and tighter jaw fit; won't bind up. Surround helps prevent accidental back-off

Laser Etched Markings

SAE and Metric, allows easy determination of fastener size

Slim Head/ Wide Jaw

20% more access and capacity

Fast Fit Jaw

Lead-ins and 1-degree slope on lower jaw allow for fast fitment on fasteners and fittings despite inconsistent flats on fasteners

ADJUSTABLE WRENCHES

- The original adjustable wrench, made by the world-famous Crescent® brand
- Laser etched scale in both SAE and Metric sizes allows easy fastener size identification
- Larger knurl provides a tighter jaw fit, is easier to adjust and is less likely to bind up
- Hex jaw design reduces slippage by gripping fasteners tightly
- Wider handle improves comfort and reduces fatigue
- Heat-treated forged alloy steel for toughness and durability
- Tension spring stabilizes jaw and allows easy knurl adjustment
- Chrome plated finish wipes clean easily and resists rust and corrosion
- Polished head and satin finished handle



Cat. No.	Overall Length	Capacity Diameter Max	Packaging	Product Weight
AC24VS	4.0 in	0.500 in	Carded	0.16 lb
AC24BK	4.0 in	0.500 in	Bagged	0.13 lb
AC26VS	6.0 in	0.937 in	Carded	0.38 lb
AC26BK	6.0 in	0.937 in	Bagged	0.34 lb
AC28VS	8.0 in	1.125 in	Carded	0.62 lb
AC28BK	8.0 in	1.125 in	Bagged	0.60 lb
AC210VS	10.0 in	1.312 in	Carded	1.06 lb
AC210BK	10.0 in	1.312 in	Boxed	1.20 lb
AC212VS	12.0 in	1.500 in	Carded	1.81 lb
AC212BK	12.0 in	1.500 in	Boxed	1.92 lb

3 PC. ADJUSTABLE WRENCH SET



Cat. No.	Product Weight
AC3PC	2.200 lb
Cat. No.	Description
AC26VS	6" Adjustable Wrench
AC28VS	8" Adjustable Wrench
AC210VS	10" Adjustable Wrench

2 PC. ADJUSTABLE WRENCH SET



Cat. No.	Product Weight
AC2812VS	2.45 lb

Cat. No.	Description
AC28VS	8" Adjustable Wrench
AC212VS	12" Adjustable Wrench

TAPERED HANDLE ADJUSTABLE WRENCHES

- The original adjustable wrench, made by the world-famous Crescent® brand
- Laser etched scale in both SAE and Metric sizes allows easy fastener size identification
- Larger knurl provides a tighter jaw fit, is easier to adjust and is less likely to bind up
- Hex jaw design reduces slippage by gripping fasteners tightly
- Heat-treated forged alloy steel for toughness and durability
- Tension spring stabilizes jaw and allows easy knurl adjustment
- Tapered handle for better two-handed grip and less weight
- Chrome plated finish wipes clean easily and resists rust and corrosion
- Polished head and satin finished handle



Cat. No.	Overall Length	Capacity Diameter Max	Packaging	Product Weight
AC215VS	15.0 in	1.687 in	Carded	3.00 lb
AC215BK	15.0 in	1.687 in	Boxed	3.00 lb
AC218VS	18.0 in	2.062 in	Carded	4.92 lb
AC218BK	18.0 in	2.062 in	Boxed	4.92 lb
AC224VS	24.0 in	2.437 in	Carded	8.71 lb
AC224BK	24.0 in	2.437 in	Boxed	8.71 lb

Tough gets the job done.
Smart gets the job done right.

CUSHION GRIP ADJUSTABLE WRENCHES

- Off-corner loading helps prevent rounding of fasteners when applying heavy torque
- Allows you to apply 20% more torque before fastener failure
- A 1-degree slope on the lower jaw allows for fast fitment on fasteners and fittings without having to readjust the jaws every time
- Lower profile wrench head for ease of access
- Extra-wide, flared beam for superior comfort and ability to provide more torque
- Larger knurl with surround for easier adjustment and tighter jaw fit and reduced binding. Surround helps prevent accidental back-off
- Laser-etched markings make it easier to adjust to any fastener size – SAE or Metric
- 20% greater jaw capacity makes it easier to adjust to any fastener size



ADJUSTABLE WRENCHES

Cat. No.	Overall Length	Capacity Diameter Max	Packaging	Product Weight
AC36CVS	6 in	1.800 in	Hang Tab	0.425 lb
AC38CVS	8 in	2.200 in	Hang Tab	0.740 lb
AC310CVS	10 in	2.700 in	Hang Tab	1.250 lb
AC312CVS	12 in	3.200 in	Hang Tab	1.855 lb

2 PC. 6" & 10" CUSHION GRIP ADJUSTABLE WRENCH SET



Cat. No.	Product Weight
AC3610CVS	1.675 lb
Cat. No.	Description
AC310CVS	10" Adjustable Wrench with Cushion Grip
AC36CVS	6" Adjustable Wrench with Cushion Grip

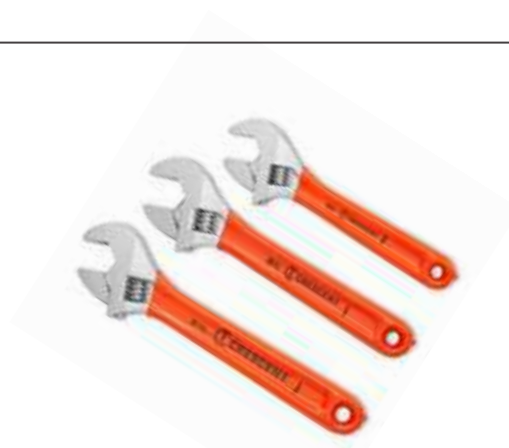
CUSHION GRIP ADJUSTABLE WRENCHES

- The original adjustable wrench, made by the world-famous Crescent® brand
- Laser etched scale in both SAE and Metric sizes allows easy fastener size identification
- Larger knurl provides a tighter jaw fit, is easier to adjust and is less likely to bind up
- Hex jaw design reduces slippage by gripping fasteners tightly
- Heat-treated forged alloy steel for toughness and durability
- Tension spring stabilizes jaw and allows easy knurl adjustment
- Chrome plated finish wipes clean easily and resists rust and corrosion
- Proportioned dimensions optimize strength and minimize weight
- Cushioned ergonomic handle increases comfort and reduces fatigue



Cat. No.	Overall Length	Capacity Diameter Max	Packaging	Product Weight
AC24CVS	4.0 in	0.500 in	Carded	0.15 lb
AC26CVS	6.0 in	0.937 in	Carded	0.38 lb
AC28CVS	8.0 in	1.125 in	Carded	0.62 lb
AC210CVS	10.0 in	1.312 in	Carded	1.06 lb
AC212CVS	12.0 in	1.500 in	Carded	1.81 lb

3 PC. CUSHION GRIP ADJUSTABLE WRENCH SET



Cat. No.	Included Storage	Product Weight
AC26810CV	Pouch	2.45 lb

Cat. No.	Description
AC26CVS	6" Adjustable Cushion Grip Wrench
AC28CVS	8" Adjustable Cushion Grip Wrench
AC210CVS	10" Adjustable Cushion Grip Wrench

Tough gets the job done.
Smart gets the job done right.

2 PC. CUSHION GRIP ADJUSTABLE WRENCH SET



ADJUSTABLE WRENCHES

Cat. No.	Product Weight
AC2610CVS	1.850 lb
Cat. No.	Description
AC26CVS	6" Adjustable Cushion Grip Wrench
AC210CVS	10" Adjustable Cushion Grip Wrench

BLACK OXIDE ADJUSTABLE WRENCHES

- The original adjustable wrench, made by the world-famous Crescent® brand
- Laser etched scale in both SAE and Metric sizes allows easy fastener size identification
- Larger knurl provides a tighter jaw fit, is easier to adjust and is less likely to bind up
- Hex jaw design reduces slippage by gripping fasteners tightly
- Heat-treated forged alloy steel for toughness and durability
- Tension spring stabilizes jaw and allows easy knurl adjustment
- Ergonomic handle increases comfort and reduces fatigue
- Proportioned dimensions for greatest strength and minimum weight
- Black oxide finish resists corrosion



Cat. No.	Overall Length	Capacity Diameter Max	Packaging	Product Weight
AT24VS	4.0 in	0.500 in	Carded	0.15 lb
AT24BK	4.0 in	0.500 in	Bagged	0.13 lb
AT26VS	6.0 in	0.937 in	Carded	0.38 lb
AT26BK	6.0 in	0.937 in	Bagged	0.34 lb
AT28VS	8.0 in	1.125 in	Carded	0.62 lb
AT28BK	8.0 in	1.125 in	Bagged	0.60 lb
AT210VS	10.0 in	1.312 in	Carded	1.06 lb
AT210BK	10.0 in	1.312 in	Boxed	1.06 lb
AT212VS	12.0 in	1.500 in	Carded	1.81 lb
AT212BK	12.0 in	1.500 in	Boxed	1.92 lb

BLACK OXIDE TAPERED HANDLE ADJUSTABLE WRENCHES

- The original adjustable wrench, made by the world-famous Crescent® brand
- Laser etched scale in both SAE and Metric sizes allows easy fastener size identification
- Larger knurl provides a tighter jaw fit, is easier to adjust and is less likely to bind up
- Hex jaw design reduces slippage by gripping fasteners tightly
- Heat-treated forged alloy steel for toughness and durability
- Tension spring stabilizes jaw and allows easy knurl adjustment
- Tapered handle for better two-handed grip and less weight
- Proportioned dimensions for greatest strength and minimum weight
- Black oxide finish resists corrosion



Cat. No.	Overall Length	Capacity Diameter Max	Packaging	Product Weight
AT215BK	15.0 in	1.688 in	Boxed	3.20 lb
AT218BK	18.0 in	2.063 in	Boxed	5.29 lb

BLACK OXIDE CUSHION GRIP ADJUSTABLE WRENCHES

- The original adjustable wrench, made by the world-famous Crescent® brand
- Laser etched scale in both SAE and Metric sizes allows easy fastener size identification
- Larger knurl provides a tighter jaw fit, is easier to adjust and is less likely to bind up
- Hex jaw design reduces slippage by gripping fasteners tightly
- Heat-treated forged alloy steel for toughness and durability
- Tension spring stabilizes jaw and allows easy knurl adjustment
- Black oxide finish resists rust or corrosion and wipes clean easily
- Proportioned dimensions optimize strength and minimize weight
- Cushioned ergonomic handle increases comfort and reduces fatigue



Cat. No.	Overall Length	Capacity Diameter Max	Packaging	Product Weight
AT28CVS	8.0 in	1.125 in	Carded	0.62 lb
AT210CVS	10.0 in	1.312 in	Carded	1.06 lb
AT212CVS	12.0 in	1.500 in	Carded	1.81 lb

—|—
Tough gets the job done.
Smart gets the job done right.
—|—

2 PC. BLACK OXIDE CUSHION GRIP ADJUSTABLE WRENCH SET



ADJUSTABLE WRENCHES

Cat. No.	Product Weight
AT2610CVS	2.00 lb
Cat. No.	Description
AT26CVS	6" Adjustable Black Oxide Cushion Grip Wrench
AT210CVS	10" Adjustable Black Oxide Cushion Grip Wrench

BLACK OXIDE CONSTRUCTION WRENCHES

- The original adjustable wrench, made by the world-famous Crescent® brand
- Laser etched scale in both SAE and Metric sizes allows easy fastener size identification
- Larger knurl provides a tighter jaw fit, is easier to adjust and is less likely to bind up
- Hex jaw design reduces slippage by gripping fasteners tightly
- Heat-treated forged alloy steel for toughness and durability
- Tension spring stabilizes jaw and allows easy knurl adjustment
- Round, tapered tang for easy alignment of bolt holes
- Black oxide finish resists rust or corrosion and wipes clean easily
- Proportioned dimensions optimize strength and minimize weight



Cat. No.	Overall Length	Capacity Diameter Max	Packaging	Product Weight
AT210SPUD	10.0 in	1.125 in	Carded	0.950 lb
AT215SPUD	16.0 in	1.500 in	Carded	2.350 lb

WIDE JAW ADJUSTABLE WRENCHES

- Each wrench meets the ASME performance requirements for the next size up [Example: 6" wrench meets the requirements for an 8" wrench]
- Micro-serrations on the jaws provide a tighter grip on the fastener thus helping to generate 4x more torque than traditional adjustable wrenches
- Laser etched scale in both SAE and Metric sizes allows easy fastener size identification
- Larger knurl provides a tighter jaw fit, is easier to adjust and is less likely to bind up
- Black phosphate and lacquer finish help to resist rust and prevent corrosion for better durability



Cat. No.	Overall Length	Capacity Diameter Max	Packaging	Product Weight
ATWJ26VS	6.0 in	1.125 in	Carded	0.49 lb
ATWJ28VS	8.0 in	1.312 in	Carded	0.79 lb
ATWJ210VS	10.0 in	1.500 in	Carded	1.26 lb
ATWJ212VS	12.0 in	1.750 in	Carded	1.96 lb

2 PC. WIDE JAW ADJUSTABLE WRENCH SET



Cat. No.	Product Weight
ATWJ2610VS	1.72 lb
Cat. No.	Description
ATWJ26VS	6" Wide Jaw Adjustable Wrench
ATWJ210VS	10" Wide Jaw Adjustable Wrench

LOCKING ADJUSTABLE WRENCHES

- The original adjustable wrench, made by the world-famous Crescent® brand
- Laser etched scale in both SAE and Metric sizes allows easy fastener size identification
- The versatility of an adjustable wrench and the gripping power of a locking plier
- Anti-slip adjustable jaw opens to 1" to fit a wide variety of fasteners
- Delivers twice the gripping power on rounded fasteners
- Locking handle tightly grips fasteners, reduces slippage on rounded fasteners
- Jaw design features gripping teeth and 14 locking positions for enhanced gripping power
- Quick release lever allows for easy disengagement
- Dual material handle for maximum comfort and control
- Chrome plated finish wipes clean easily and resists rust and corrosion



Cat. No.	Overall Length	Capacity Diameter Max	Packaging	Product Weight
ACL10VS	10.0 in	1.312 in	Carded	1.480 lb

RATCHETING ADJUSTABLE FLEX LOCK WRENCHES

- The original adjustable wrench, made by the world-famous Crescent® brand
- Laser etched scale in both SAE and Metric sizes allows easy fastener size identification
- Larger knurl provides a tighter jaw fit, is easier to adjust and is less likely to bind up
- Heat-treated forged alloy steel for toughness and durability
- Large capacity 1-1/8", 29mm hex jaw design reduces slippage
- Ratcheting jaw keeps jaws secured on fasteners, making jobs faster and easier
- Ratcheting on/off selector allows use as a traditional adjustable wrench
- 180° indexing handle locks in 12 different positions
- Chrome plated finish wipes clean easily and resists rust and corrosion
- Polished head and satin finished handle



Cat. No.	Overall Length	Capacity Diameter Max	Product Weight
ACFR8VS	8.0 in	1.187 in	0.830 lb

AUTOMOBILE ADJUSTABLE WRENCHES

- Smooth jaws won't mar easily-damaged fastener surfaces such as chrome or brass
- Wider jaw capacity than traditional pipe wrenches
- Slim profile head design allows better access to tight areas
- Heat-treated forged alloy steel for toughness and durability
- Strong I-beam handle construction
- Chrome plated finish wipes clean easily and resists rust and corrosion



Cat. No.	Overall Length	Capacity Diameter Max	Product Weight
C79H	9.0 in	2.750 in	1.01 lb
C711H	11.0 in	3.000 in	1.50 lb
C715	15.0 in	3.625 in	3.20 lb
C718	18.0 in	4.375 in	4.60 lb

CHAIN WRENCHES

- Double-action grip force allows use in either direction for tightening or loosening
- Excels in low-access areas where ordinary pipe wrenches will not fit
- Concave-cut teeth grip tightly and can be easily sharpened if needed
- Excellent for pipe fittings
- Strong I-beam handle construction
- Chrome plated finish wipes clean easily and resists rust and corrosion



Cat. No.	Chain Length	Pipe Size Max	Product Weight
CW12H	16.27 in	4 in	1.85 lb
CW15	19.64 in	5 in	2.75 lb
CW24	24.14 in	6 in	3.60 lb

REPLACEMENT CHAIN FOR CHAIN WRENCHES

- Replacement chain
- Excellent for pipe fittings
- Concave-cut teeth grip tightly
- Can be easily resharpened if needed



Cat. No.	Overall Length	Overall Width	Overall Height	Product Weight
CW12C	16.27 in	1.8 in	0.75 in	0.79 lb
CW15C	19.64 in	2.04 in	0.82 in	0.90 lb
CW24C	24.14 in	2.23 in	0.82 in	1.10 lb

11 PC. X6™ PASS-THRU™ ADJUSTABLE WRENCH SET

- Versatile fastening tool that offers the user multiple fastening options from a single tool design
- Traditional 8" adjustable wrench with laser etched SAE/metric scales and a wide jaw opening
- Remove and reverse the jaw for pipe work. Serrations on the inside edge form a deep tooth pattern that holds pipe tightly and reduces slipping
- Pass-Thru™ reversible ratcheting system functions over long threaded rods where normal ratchets and sockets won't fit
- Every Pass-Thru™ socket does the job of a standard and a deep socket combined
- Universal design fits 6 fastener types - Hex, Square, 12pt, E-Torx, Partially Rounded Hex, and Spline
- Forged alloy steel for exceptional toughness and durability
- Black phosphate finish resists corrosion
- Includes tray for storage and organization



Cat. No.	Included Storage	Product Weight		
CPTAW8	Plastic Tray	1.984		
Cat. No.	Description	Cat. No.	Description	
-	8" Pass-Thru™ Adjustable Wrench	-	3/8" Drive Pass-Thru™ Spline Socket 19/32" (15mm)	
-	3/8" Drive Pass-Thru™ Spline Socket 3/8" (10mm)	-	3/8" Drive Pass-Thru™ Spline Socket 5/8" (16mm)	
-	3/8" Drive Pass-Thru™ Spline Socket 7/16" (11mm)	-	3/8" Drive Pass-Thru™ Spline Socket 11/16" (17mm)	
-	3/8" Drive Pass-Thru™ Spline Socket 15/32" (12mm)	-	3/8" Drive Pass-Thru™ Spline Socket 23/32" (18mm)	
-	3/8" Drive Pass-Thru™ Spline Socket 1/2" (13mm)	-	3/8" Drive Pass-Thru™ Spline Socket 3/4" (19mm)	
-	3/8" Drive Pass-Thru™ Spline Socket 9/16" (14mm)			

CAST IRON SLIM JAW™ PIPE WRENCHES

- SLIM JAW™ delivers best-in-class 2x access when working in tight spaces
- Adjustment ring thread pitch angled for 2x faster opening and closing of wrench jaw
- Excellent for turning pipes in limited access areas
- Optimized cast iron design is up to 10% lighter than competitive wrenches
- Handle shape optimized for maximum power and user comfort
- Exceeds federal torque load specification by over 140% for maximum strength and durability



Cat. No.	Overall Length	Capacity Diameter Max	Pipe Size Max	Replacement Parts	Product Weight
CIPW10S	10.0 in	1.9 in	1.5 in	C10HOOK, C10HEEL	1.740 lb

ALUMINUM SLIM JAW PIPE WRENCHES

- SLIM JAW™ delivers best-in-class 2x access when working in tight spaces
- Adjustment ring thread pitch angled for 2x faster opening and closing of wrench jaw
- Excellent for turning pipes in limited access areas
- 40% less weight helps reduce user fatigue
- Handle shape optimized for maximum power and user comfort
- Exceeds federal torque load specification by over 140% for maximum strength and durability



Cat. No.	Overall Length	Capacity Diameter Max	Pipe Size Max	Replacement Parts	Product Weight
CAPW10S	10.0 in	1.9 in	1.5 in	C10HOOK, C10HEEL	0.980 lb

ALUMINUM PIPE WRENCH

- Adjustment ring thread pitch angled for 2x faster opening and closing of wrench jaw
- 40% less weight helps reduce user fatigue
- Handle shape optimized for maximum power and user comfort
- High strength forged jaws
- Exceeds federal torque load specification by over 140% for maximum strength and durability



Cat. No.	Overall Length	Capacity Diameter Max	Pipe Size Max	Replacement Parts	Product Weight
CAPW24	24.0 in	3.5 in	3 in	C24HOOK, C24HEEL	4.988 lb
CAPW36	36.0 in	5.375 in	5 in	C36HOOK, C36HEEL	10.900 lb
CAPW48	48.0 in	6.375 in	6 in	C48HOOK, C48HEEL	18.600 lb

CAST IRON PIPE WRENCHES

- Adjustment ring thread pitch angled for 2x faster opening and closing of wrench jaw
- 40% less weight helps reduce user fatigue
- Handle shape optimized for maximum power and user comfort
- High strength forged jaws
- Exceeds federal torque load specification by over 140% for maximum strength and durability



Cat. No.	Overall Length	Capacity Diameter Max	Pipe Size Max	Replacement Parts	Product Weight
CIPW24	24.0 in	3 in	3 in	C24HOOK, C24HEEL	9.500 lb

Tough gets the job done.
Smart gets the job done right.

ALUMINUM OFFSET HANDLE PIPE WRENCHES

- 90 Degree offset jaw for improved access in tight work spaces
- Handle shape optimized for maximum power and user comfort
- Heavy duty cast aluminum construction designed to exceed the AMSE test specs
- 40% less weight, as compared to standard iron wrenches, to reduce user fatigue
- Exceeds federal torque load specification by over 140% for maximum strength and durability



Cat. No.	Overall Length	Capacity Diameter Max	Pipe Size Max	Replacement Parts	Product Weight
CAPW18F	18.0 in	2.5 in	2.5 in	C18HOOKF, C18HEELF	3.400 lb
CAPW24F	24.0 in	3 in	3 in	C18HOOKF, C18HEELF	5.800 lb

ALUMINUM K9™ PIPE WRENCHES

- K9™ jaw technology allows teeth to bite in an arc of 30 degrees for greater access in tight spaces
- 25% larger bite surface provides maximum grip helping to increase tooth durability and life
- Adjustment ring thread pitch angled for 2x faster opening and closing of wrench jaw
- 40% less weight helps reduce user fatigue
- Handle shape optimized for maximum power and user comfort
- Exceeds federal torque load specification by over 140% for maximum strength and durability



Cat. No.	Overall Length	Capacity Diameter Max	Pipe Size Max	Replacement Parts	Product Weight
CAPW14	14.0 in	2.375 in	2.0 in	C14HOOK, C14HEEL	2.143 lb
CAPW18	18.0 in	2.875 in	2.5 in	C18HOOK, C18HEEL	3.370 lb

CAST IRON K9™ PIPE WRENCHES

- K9™ jaw technology allows teeth to bite in an arc of 30 degrees for greater access in tight spaces
- 25% larger bite surface provides maximum grip helping to increase tooth durability and life
- Adjustment ring thread pitch angled for 2x faster opening and closing of wrench jaw
- Optimized cast iron design is up to 10% lighter than competitive wrenches
- Handle shape optimized for maximum power and user comfort
- Exceeds federal torque load specification by over 160% for maximum strength and durability



Cat. No.	Overall Length	Capacity Diameter Max	Pipe Size Max	Replacement Parts	Product Weight
CIPW14	14.0 in	2.375 in	2.0 in	C14HOOK, C14HEEL	2.510 lb
CIPW18	18.0 in	2.875 in	2.5 in	C18HOOK, C18HEEL	5.690 lb

ALUMINUM K9™ JAW LONG HANDLE PIPE WRENCHES

- K9™ jaw technology allows teeth to bite in an arc of 30 degrees for greater access in tight spaces
- 25% larger bite surface provides maximum grip helping to increase tooth durability and life
- Adjustment ring thread pitch angled for 2x faster opening and closing of wrench jaw
- 40% less weight helps reduce user fatigue
- Longer handle length for better leverage and torque
- Handle shape optimized for maximum power and user comfort
- Exceeds federal torque load specification by over 140% for maximum strength and durability



Cat. No.	Overall Length	Capacity Diameter Max	Pipe Size Max	Replacement Parts	Product Weight
CAPW14L	14.0 in	2.375 in	2 in	C14HOOK, C14HEEL	2.632 lb

SELF-ADJUSTING DUAL MATERIAL PIPE WRENCHES

- Self-adjusting head design instantly grips or releases, providing fast ratcheting action
- Double the gripping power of traditional tongue-and-groove pliers
- Extended lower jaw increases access and allows for quick pipe grip in confined spaces
- Locking jaw allows users to lock the jaw in the open position to quickly enter and exit pipe turning applications
- Unique angled tooth configuration grips tighter
- 20% wider jaw for improved gripping power
- Slim profile head design allows better access to tight areas
- Ideal for most surfaces, including black iron, galvanized, PVC and copper pipe, as well as nuts, bolts, and couplings
- Dual material grip provides added comfort and durability
- Black oxide finish wipes clean easily and resists rust or corrosion



Cat. No.	Overall Length	Capacity Diameter Max	Pipe Size Max	Product Weight
CPW12	12.0 in	1.5 in	1.5 in	1.29 lb

SELF-ADJUSTING STEEL PIPE WRENCHES

- Self-adjusting head design instantly grips or releases, providing fast ratcheting action
- Double the gripping power of traditional tongue-and-groove pliers
- Extended lower jaw increases access and allows for quick pipe grip in confined spaces
- Locking jaw allows users to lock the jaw in the open position to quickly enter and exit pipe turning applications
- Unique angled tooth configuration grips tighter
- 20% wider jaw for improved gripping power
- Slim profile head design allows better access to tight areas
- Ideal for most surfaces, including black iron, galvanized, PVC and copper pipe, as well as nuts, bolts, and couplings



Cat. No.	Overall Length	Capacity Diameter Max	Pipe Size Max	Product Weight
CPW12S	12.0 in	1.5 in	1.5 in	1.300 lb
CPW16S	16.0 in	2.5 in	2.5 in	3.100 lb

12 PC. DIAMOND TIP DUAL MATERIAL SCREWDRIVER SET

- Tri-Lobe dual material handle for comfort and performance
- Diamond coated tips provide 4X the gripping power while reducing cam-out and slippage
- Precision machined tips for exact fit
- Manganese Phosphate blades provide superior corrosion resistance
- Oil and solvent resistant handle provides a longer tool life
- Sizes included: Phillips #0x2-1/2", #1x3", #2x4", #2x6", Slotted 1/8"x4", 3/16"x4", 3/16"x6", 1/4"x4", 1/4"x6", 5/16"x6", and Torx T10x3", T15x3"



Cat. No. **Product Weight**

CDT12PCSET 2.644 lb



Cat. No.	Description	Cat. No.	Description
-	#0 x 2-1/2" Phillips® Diamond Tip Dual Material Screwdriver	-	3/16" x 6" Slotted Diamond Tip Dual Material Screwdriver
-	#1 x 3" Phillips® Diamond Tip Dual Material Screwdriver	-	1/4" x 4" Slotted Diamond Tip Dual Material Screwdriver
-	#2 x 4" Phillips® Diamond Tip Dual Material Screwdriver	-	1/4" x 6" Slotted Diamond Tip Dual Material Screwdriver
-	#2 x 6" Phillips® Diamond Tip Dual Material Screwdriver	-	5/16" x 6" Slotted Diamond Tip Dual Material Screwdriver
-	1/8" x 4" Slotted Diamond Tip Dual Material Screwdriver	-	T10 x 3" Torx® Diamond Tip Dual Material Screwdriver
-	3/16" x 4" Slotted Diamond Tip Dual Material Screwdriver	-	T15 x 3" Torx® Diamond Tip Dual Material Screwdriver

8 PC. DIAMOND TIP DUAL MATERIAL SCREWDRIVER SET

- Sizes included: Phillips® #1x3", #2x4", #2x6" and Slotted 3/16"x4", 3/16"x6", 1/4"x4", 1/4"x6", 5/16"x6"



Cat. No. **Product Weight**

CDT8PCSET 1.784 lb



Cat. No.	Description	Cat. No.	Description
-	#1 x 3" Phillips® Diamond Tip Dual Material Screwdriver	-	3/16" x 6" Slotted Diamond Tip Dual Material Screwdriver
-	#2 x 4" Phillips® Diamond Tip Dual Material Screwdriver	-	1/4" x 4" Slotted Diamond Tip Dual Material Screwdriver
-	#2 x 6" Phillips® Diamond Tip Dual Material Screwdriver	-	1/4" x 6" Slotted Diamond Tip Dual Material Screwdriver
-	3/16" x 4" Slotted Diamond Tip Dual Material Screwdriver	-	5/16" x 6" Slotted Diamond Tip Dual Material Screwdriver

4 PC. DIAMOND TIP DUAL MATERIAL SCREWDRIVER SET

■ Sizes included: Phillips® #1x3" & #2x4" and Slotted 3/16"x4" & 1/4"x4"

Cat. No.	Product Weight
CDTSET4PC	0.925 lb

Cat. No.	Description	Cat. No.	Description
-	#1 x 3" Phillips® Diamond Tip Dual Material Screwdriver	-	3/16" x 4" Slotted Diamond Tip Dual Material Screwdriver
-	#2 x 4" Phillips® Diamond Tip Dual Material Screwdriver	-	1/4" x 4" Slotted Diamond Tip Dual Material Screwdriver

20 PC. DUAL MATERIAL SCREWDRIVER SET

- Tri-Lobe dual material handle for comfort and performance
- Precision machined tips for exact fit
- Oil and solvent resistant handle provides a longer tool life
- Hex Bolster for better grip and more torque on larger sizes
- Phillips #0x2-1/2", #1x1-1/2", #1x3", #2x4", #2x6", #2x8", Slotted 3/32"x1-1/2", 1/8"x2", 1/8"x4", 3/16"x1-1/2", 3/16"x4", 3/16"x6", 1/4"x4", 1/4"x6", Torx T10x3", T15x3", T20x3", T25x4", and T30x4", and 4-in-1 Pocket Screwdriver

Cat. No.	Product Weight
CSDS20PCSET	4.318 lb

Cat. No.	Description	Cat. No.	Description
-	#0 x 2-1/2" Phillips® Dual Material Screwdriver	-	3/16" x 4" Slotted Dual Material Screwdriver
-	#1 x 1-1/2" Phillips® Dual Material Screwdriver	-	3/16" x 6" Slotted Dual Material Screwdriver
-	#1 x 3" Phillips® Dual Material Screwdriver	-	1/4" x 4" Slotted Dual Material Screwdriver
-	#2 x 4" Phillips® Dual Material Screwdriver	-	1/4" x 6" Slotted Dual Material Screwdriver
-	#2 x 6" Phillips® Dual Material Screwdriver	-	T10 x 3" Torx® Dual Material Screwdriver
-	#2 x 8" Phillips® Dual Material Screwdriver	-	T15 x 3" Torx® Dual Material Screwdriver
-	3/32" x 1-1/2" Slotted Dual Material Screwdriver	-	T20 x 3" Torx® Dual Material Screwdriver
-	1/8" x 2" Slotted Dual Material Screwdriver	-	T25 x 4" Torx® Dual Material Screwdriver
-	1/8" x 4" Slotted Dual Material Screwdriver	-	T30 x 4" Torx® Dual Material Screwdriver
-	3/16" x 1-1/2" Slotted Dual Material Screwdriver	-	4-in-1 Pocket Screwdriver

12 PC. DUAL MATERIAL SCREWDRIVER SET

- Phillips #0x2-1/2", #1x1-1/2", #1x3", #2x4", #2x6" and Slotted 1/8"x2", 1/8"x4", 3/16"x1-1/2", 3/16"x4", 3/16"x6", 3/16"x9", 5/16"x6"



Cat. No.	Product Weight		
CSDS12PCSET	2.600 lb		
Cat. No.	Description	Cat. No.	Description
-	#0 x 2-1/2" Phillips® Dual Material Screwdriver	-	1/8" x 4" Slotted Dual Material Screwdriver
-	#1 x 1-1/2" Phillips® Dual Material Screwdriver	-	3/16" x 1-1/2" Slotted Dual Material Screwdriver
-	#1 x 3" Phillips® Dual Material Screwdriver	-	3/16" x 4" Slotted Dual Material Screwdriver
-	#2 x 4" Phillips® Dual Material Screwdriver	-	3/16" x 6" Slotted Dual Material Screwdriver
-	#2 x 6" Phillips® Dual Material Screwdriver	-	3/16" x 9" Slotted Dual Material Screwdriver
-	1/8" x 2" Slotted Dual Material Screwdriver	-	5/16" x 6" Slotted Dual Material Screwdriver

8 PC. DUAL MATERIAL SCREWDRIVER SET

- Phillips® #1x1-1/2", #1x3", Pozidriv® #1x3", #2x4", Slotted 3/16"x4", 1/4"x4", and Cabinet 3/16"x4", 3/16"x8"



Cat. No.	Product Weight		
CSDS8PCSET	1.762 lb		
Cat. No.	Description	Cat. No.	Description
-	#1 x 1-1/2" Phillips® Dual Material Screwdriver	-	1/4" x 4" Slotted Dual Material Screwdriver
-	#1 x 3" Phillips® Dual Material Screwdriver	-	3/16" x 4" Slotted Dual Material Screwdriver
-	#1 x 3" Pozidriv® Dual Material Screwdriver	-	3/16" x 4" Cabinet-Tip Dual Material Screwdriver
-	#2 x 4" Pozidriv® Dual Material Screwdriver	-	3/16" x 8" Cabinet-Tip Dual Material Screwdriver

2 PC. DUAL MATERIAL SCREWDRIVER SET

- Phillips #2x4" and Slotted 1/4"x4"



Cat. No.	Product Weight		
CSDS2PCSET	0.573 lb		
Cat. No.	Description		
-	#2 x 4" Phillips® Dual Material Screwdriver		
-	1/4" x 4" Slotted Dual Material Screwdriver		

4 PC. SLOTTED DUAL MATERIAL SCREWDRIVER SET

- Tri-Lobe dual material handle for comfort and performance
- Precision machined tips for exact fit
- Oil and solvent resistant handle provides a longer tool life
- Hex bolster for better grip and more torque on larger sizes
- Slotted 1/8"x4", 3/16"x1-1/2", 3/16"x4", and 1/4"x4"



Cat. No.	Product Weight		
CSSET4PC	0.859 lb		
Cat. No.	Description	Cat. No.	Description
-	1/8" x 4" Slotted Dual Material Screwdriver	-	3/16" x 4" Slotted Dual Material Screwdriver
-	3/16" x 1-1/2" Slotted Dual Material Screwdriver	-	1/4" x 4" Slotted Dual Material Screwdriver

4 PC. PHILLIPS™ DUAL MATERIAL SCREWDRIVER SET

- Phillips #0x2-1/2", #1x1-1/2", #1x3", and #2x4"



Cat. No.	Product Weight		
CPSET4PC	0.815 lb		
Cat. No.	Description	Cat. No.	Description
-	#0 x 2-1/2" Phillips® Dual Material Screwdriver	-	#1 x 3" Phillips® Dual Material Screwdriver
-	#1 x 1-1/2" Phillips® Dual Material Screwdriver	-	#2 x 4" Phillips® Dual Material Screwdriver

4 PC. TORX DUAL MATERIAL SCREWDRIVER SET

- T15x3", T20x3", T25x4", and T30x4"



Cat. No.	Product Weight		
CTSET4PC	0.903 lb		
Cat. No.	Description	Cat. No.	Description
-	T15 x 3" Torx Dual Material Screwdriver	-	T25 x 4" Torx Dual Material Screwdriver
-	T20 x 3" Torx Dual Material Screwdriver	-	T30 x 4" Torx Dual Material Screwdriver

4 PC. SQUARE DUAL MATERIAL SCREWDRIVER SET

- #0x4", #1x4", #2x4", and #3x5"



Cat. No.	Product Weight		
CSQSET4PC	1.102 lb		
Cat. No.	Description	Cat. No.	Description
-	#0 x 4" Square Dual Material Screwdriver	-	#2 x 4" Square Dual Material Screwdriver
-	#1 x 4" Square Dual Material Screwdriver	-	#3 x 5" Square Dual Material Screwdriver

2 PC. INSULATED SCREWDRIVER SET

- Insulated handles rated to 1,000 volts for working in electrical spaces
- High strength heat-treated alloy tips
- Easy to read sizing for quick identification
- Phillips #1x3" and Slotted 1/4"x6"



Cat. No.	Product Weight		
CVDE2PCSET	0.661 lb		
Cat. No.	Description		
-	#1 x 3" Phillips® Dual Material Screwdriver		
-	1/4" x 6" Slotted VDE Insulated Screwdriver		

8 PC. PRECISION SCREWDRIVER SET

- Precision machined tips for exact fit
- Oil and solvent resistant handle provides a longer tool life
- Smooth 360° spinning end caps for precision fastening
- Tip shape identifier on the end for quick identification
- Storage case for organization
- Included sizes: Phillips® #00x2", #0x2", #1x2", Slotted 1/16"x2", 3/32"x2", 5/64"x2", and Torx® T7x2" & T8x2"



Cat. No.	Product Weight		
CPR8PCSET	0.617 lb		
Cat. No.	Description	Cat. No.	Description
-	#00 x 2" Phillips® Dual Material Precision Screwdriver	-	3/32 x 2" Slotted Dual Material Precision Screwdriver
-	#0 x 2" Phillips® Dual Material Precision Screwdriver	-	5/64" x 2" Slotted Dual Material Precision Screwdriver
-	#1 x 2" Phillips® Dual Material Precision Screwdriver	-	T7 x 2" Torx® Dual Material Precision Screwdriver
-	1/16" x 2" Slotted Dual Material Precision Screwdriver	-	T8 x 2" Torx® Dual Material Precision Screwdriver

6 PC.
DIAMOND TIP PRECISION
SCREWDRIVER SET

- Diamond coated tips provide 4X the gripping power while reducing cam-out and slippage
- Precision machined tips for exact fit
- Manganese Phosphate blades provide superior corrosion resistance
- Oil and solvent resistant handle provides a longer tool life
- Smooth spinning end caps for precision fastening
- Sizes include: Phillips® #00x2" & #0x2" and Slotted 1/16"x2", 5/64"x2", 3/32"x2", & 1/8"x2"



Cat. No.	Product Weight
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CDTPR6PCSET 0.507 lb



Cat. No.	Description	Cat. No.	Description
-	#00 x 2" Phillips® Diamond Tip Precision Dual Material Screwdriver	-	5/64" x 2" Slotted Diamond Tip Precision Dual Material Screwdriver
-	#0 x 2" Phillips® Diamond Tip Precision Dual Material Screwdriver	-	3/32" x 2" Slotted Diamond Tip Precision Dual Material Screwdriver
-	1/16" x 2" Slotted Diamond Tip Precision Dual Material Screwdriver	-	1/8" x 2" Slotted Diamond Tip Precision Dual Material Screwdriver

MULTI-BIT ACETATE SCREWDRIVER

- 6-in-1 multi-bit screwdriver set
- Multi-bit feature allows for varying applications with a single handle driver
- Ergonomic tri-lobe extruded acetate handles provide increased comfort and maximized torque for driving and loosening fasteners
- Easy-to-clean, chemical-resistant acetate handles stand up to all conditions
- Chrome plated shafts and blades for increased corrosion resistance



Cat. No.	Product Weight
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CS61N 0.450 lb



Cat. No.	Description	Qty.	Cat. No.	Description	Qty.
-	1/4" Nutdriver Bit	5	-	3/16" Slotted Insert Bit	
-	5/16" Nutdriver Bit	6	-	9/32" Slotted Insert Bit	
-	#1 Phillips® Insert Bit				

7-IN-1 DUAL MATERIAL INTERCHANGEABLE BIT SCREWDRIVER

- Dual material handle designed for improved comfort and performance
- Hang hole can be used to hang on a wall or with an additional driver to create a T-handle
- 7-in-1 interchangeable bit driver
- Includes nut, slotted, and Phillips® bits
- Nutdriver: 7/16", 1/4", 5/16", Slotted: 3/16", 9/32", Phillips® #1, #2



Cat. No.	Product Weight						
CMBD7P	0.41 lb						
Cat. No.	Description	Qty.	Cat. No.	Description	Qty.		
-	1/4" Nutdriver Bit	6	-	#1 Phillips® Insert Bit			
-	5/16" Nutdriver Bit	7	-	3/16" Slotted Insert Bit			
-	7/16" Nutdriver Bit	8	-	9/32" Slotted Insert Bit			
-	Dual Material Screwdriver Handle						

6-IN-1 INTERCHANGEABLE SCREWDRIVER

- Internal bit storage keeps bits organized and easily accessible
- Dual material handle for increased comfort
- Oil and solvent resistant handle provides a longer tool life
- Professional, full polish chrome, easy to clean finish shank
- Includes Phillips® and slotted and is also compatible with 2 nut driver sizes



Cat. No.	Included Storage	Product Weight		
CMBS61	Bit Storage in Handle	0.630 lb		
Cat. No.	Description			
-	#1 Phillips® Insert Bit			
-	1/4" Slotted Insert Bit			
-	5/16" Slotted Insert Bit			

11-IN-1 RATCHETING MULTI-BIT DRIVER

- High torque ratchet mechanism allows for faster driving
- End cap bit storage keeps bits organized and easily accessible
- Long bits for better access and durability
- Dual material handle for increased comfort
- Oil and solvent resistant handle provides a longer tool life
- Professional, full polish chrome, easy to clean finish shank
- Includes Phillips®, slotted, Torx® and square bits and is also compatible with 3 nut driver sizes



Cat. No.	Included Storage	Product Weight
CMBS11R	Bit Storage in Handle	0.696 lb



Cat. No.	Description	Cat. No.	Description
-	#1 Phillips® Insert Bit	-	T15 Torx® Bit
-	#3 Phillips® Insert Bit	-	T20 Torx® Bit
-	3/16" Slotted Insert Bit	-	#1 Square Insert Bit
-	1/4" Slotted Insert Bit		

6-IN-1 STUBBY RATCHETING MULTI-BIT DRIVER

- High torque ratchet mechanism allows for faster driving
- Stubby handle length for when clearance is limited
- End cap bit storage keeps bits organized and easily accessible
- Dual material handle for increased comfort
- Oil and solvent resistant handle provides a longer tool life
- Includes Phillips® and slotted and is also compatible with 2 nut driver sizes



Cat. No.	Included Storage	Product Weight
CMBS61R	Bit Storage in Handle	0.462 lb



Cat. No.	Description	Cat. No.	Description
-	#1 Phillips® Insert Bit	-	1/4" Slotted Insert Bit
-	#3 Phillips® Insert Bit	-	3/16" Hex Insert Bit
-	3/16" Slotted Insert Bit	-	1/4" Hex Insert Bit

39 PC. RATCHETING BIT DRIVER SET

- High torque ratchet allows for faster driving
- Interchangeable S2 Phillips®, Slotted, Hex, and Torx® steel bits
- End cap bit storage keeps bits organized and easily accessible
- Chrome plated extensions for superior corrosion resistance
- Oil and solvent resistant dual material grip handle for long tool life
- Convenient storage case
- 1/4" Drive Ratcheting Handle, 1/4"x10" Extension, 1/4"x6" Flexible Extension, 1/4"x6" Extension, 1/4"x3-1/2" Extension, 1/4"x10" Magnetic Bit Adapter, 1/4"x6" Magnetic Bit Adapter, 1/4"x3-1/2" Magnetic Bit Adapter, 1/4" Hex Bit Adapter, and 30 Bits



Cat. No.	Product Weight		
CRBSDS39PC	3.040 lb		
Cat. No.	Description	Cat. No.	Description
-	1/4" Drive Ratcheting Handle	-	1/4" x10" Magnetic Bit Adapter
-	1/4" Drive Extension 10"	-	1/4" x3-1/2" Magnetic Bit Adapter
-	1/4" Drive Extension 6"	-	1/4" x6" Magnetic Bit Adapter
-	1/4" Drive Flexible Extension 6"	-	1/4" Hex Bit Adapter
-	1/4" Drive Extension 3-1/2"		

26 PC. RATCHETING BIT DRIVER SET

- 1/4" Drive Ratcheting Handle, 1/4"x10" Extension, 1/4"x6" Flexible Extension, 1/4"x6" Extension, 1/4"x3-1/2" Extension, 1/4" Hex Bit Adapter, and 20 Bits



Cat. No.	Product Weight		
CRBSDS26PC	2.401 lb		
Cat. No.	Description	Cat. No.	Description
-	1/4" Drive Ratcheting Handle	-	1/4" Drive Extension 6"
-	1/4" Drive Extension 10"	-	1/4" Drive Extension 3-1/2"
-	1/4" Drive Flexible Extension 6"	-	1/4" Hex Bit Adapter

—|—
Tough gets the job done.
Smart gets the job done right.
—|—

BIT HOLDING DUAL MATERIAL SCREWDRIVER

- Holds 1/4" hex shank bits
- Tapered handle design for optimal balance of speed and power
- Oil and solvent resistant dual material handle
- Professional, full polish chrome, easy to clean finish shank
- Meets or exceeds ANSI and ASME specifications



Cat. No.	Blade Length	Blade Diameter	Overall Length	Product Weight
CRW25C	4 in	0.38 in	8.5 in	0.200 lb

SCREW BITER™ EXTRACTION SCREWDRIVERS

- Striking impact drives spring-loaded handle to remove rounded and frozen screws
- Designed to drive 12 degree rotation with each impact
- High performance steel end cap designed for repetitive striking impacts
- Ergonomic tri-lobe dual material handle provides the optimal balance of strength and efficiency
- "Speed Zone" handle design for faster rotation in low-torque applications
- Non-slip black oxide tip for more secure fit in fastener
- Blades laser etched with part number and size for quick identification
- Oil and solvent resistant handle provides a longer tool life
- Meets or exceeds ASME standards for performance and quality



Cat. No.	Tip Width	Blade Length	Blade Diameter	Overall Length	Handle Size (Dia. x Length)	Product Weight
CIMSDPH	#2	4 in	0.247 in	8.5 in	1.25 in x 4.5 in	0.320 lb
CIMSDSL	1/4 in	4 in	0.245 in	8.5 in	1.25 in x 4.5 in	0.320 lb

2 PC. SCREW BITER™ EXTRACTION SCREWDRIVER SET

Cat. No.	Product Weight
CIMSD2SET	0.720 lb

Cat. No.	Description
CIMSDSL	Screw Biter™ 1/4" x 4" Slotted Dual Material Extraction Screwdriver
CIMSDPH	Screw Biter™ 1/4" x 4" Phillips™ Dual Material Extraction Screwdriver



5 PC. SAE SOLID SHAFT ACETATE HANDLE NUT DRIVER SET

- Chrome plated shafts for increased corrosion resistance
- Tips are designed to ensure tighter tolerance and fit
- Ergonomic, tri-lobe extruded acetate handles provide increased comfort and maximized torque for driving and loosening fasteners
- Easy-to-clean, chemical-resistant acetate handles stand up to all conditions
- Color-coded handles help to quickly identify driver size
- Clear markings on handle denote the size of driver to help you quickly identify the needed tool
- Meets or exceeds ASME B107.110-20123



Cat. No.	Product Weight		
CND5SAEN	1.340 lb		
Cat. No.	Description	Cat. No.	Description
CND316	3/16" Solid Shaft Tri-Lobe Acetate Nutdriver 3"	CND38	3/8" Solid Shaft Tri-Lobe Acetate Nutdriver 3"
CND14	1/4" Solid Shaft Tri-Lobe Acetate Nutdriver 3"	CND716	7/16" Solid Shaft Tri-Lobe Acetate Nutdriver 3"
CND516	5/16" Solid Shaft Tri-Lobe Acetate Nutdriver 3"		



5 PC. METRIC SOLID SHAFT ACETATE HANDLE NUT DRIVER SET



Cat. No.	Product Weight		
CND5MM	1.340 lb		
Cat. No.	Description	Cat. No.	Description
CND6M	6mm Solid Shaft Tri-Lobe Acetate Nutdriver 3"	CND9M	9mm Solid Shaft Tri-Lobe Acetate Nutdriver 3"
CND7M	7mm Solid Shaft Tri-Lobe Acetate Nutdriver 3"	CND10M	10mm Solid Shaft Tri-Lobe Acetate Nutdriver 3"
CND8M	8mm Solid Shaft Tri-Lobe Acetate Nutdriver 3"		



Tough gets the job done.
Smart gets the job done right.

13-KEY SAE BALL END LONG ARM HEX KEY SET

- Ball end hex keys permit an angle of entry of up to 25° for easier access
- Long length for increased access
- Short end for higher torque
- High strength alloy steel for strength and durability
- Black oxide finish resists corrosion
- Meets or exceeds ASME B18.3
- Key caddy organizes and stores hex keys



SAE

Cat. No.	Keys	Size	Product Weight
CHKLABALL13	13	0.05 in 1/16 in 5/64 in 3/32 in 7/64 in 1/8 in 9/64 in 5/32 in 3/16 in 7/32 in, 1/4 in 5/16 in 3/8 in	0.970 lb

13-KEY SAE LONG ARM HEX KEY SET

- Long length for increased access



SAE

Cat. No.	Keys	Size	Product Weight
CHKLASAE13	13	0.05 in 1/16 in 5/64 in 3/32 in 7/64 in 1/8 in 9/64 in 5/32 in 3/16 in 7/32 in, 1/4 in 5/16 in 3/8 in	0.990 lb

9-KEY SAE HEX KEY FOLD-UP SET

- Versatile range of common sizes
- Measurement type clearly printed for easy recognition
- Size markings for each key
- High strength alloy steel
- Dual-material comfort grip
- Meets or exceeds ASME B18.3 SAE hex keys



SAE

Cat. No.	Keys	Size	Handle Length	Key Length	Product Weight
CHKFSAE9	9	5/64 in 3/32 in 7/64 in 1/8 in 9/64 in 5/32 in 3/16 in 7/32 in 1/4 in	3.75 in	3 in	0.330 lb

8-KEY METRIC HEX KEY FOLD-UP SET

■ Meets or exceeds ASME B18.3.2M metric hex keys



mm

Cat. No.	Keys	Size								Handle Length	Key Length	Product Weight
CHKFM8	8	1.5mm	2mm	2.5mm	3mm	4mm	5mm	6mm	8mm	3.75 in	3 in	0.360 lb

8-KEY TORX® KEY FOLD-UP SET

■ Meets or exceeds Camcar TXF-702 Torx® keys



Torx

Cat. No.	Keys	Size								Handle Length	Key Length	Product Weight
CHKFT8	8	T9	T10	T15	T20	T25	T27	T30	T40	3.75 in	3 in	0.350 lb

3 PC. SAE/METRIC/TORX® KEY FOLD-UP SET



SAE METRIC TORX

Cat. No.	Keys	Size																Handle Length	Key Length	Product Weight								
CHK3PC	25	5/64 in	3/32 in	7/64 in	1/8 in	9/64 in	5/32 in	3/16 in	7/32 in	1/4 in	1.5mm	2mm	2.5mm	3mm	4mm	5mm	6mm	8mm, T9	T10	T15	T20	T25	T27	T30	T40	3.75 in	3 in	1.040 lb



PLIERS

TONGUE & GROOVE

SOLID JOINT

SLIP JOINT

SETS

SNAP RING

COMPOUND ACTION

LOCKING

GREATER ACCESS TONGUE AND GROOVE PLIERS

You're Not Average. Neither are These.

Z2 Tongue and Groove pliers feature K9™ jaws with a unique tooth design for maximum turning power, so you can turn pipes even when forced to work at an angle. The slim-jaw design make these pliers perfect for work in cramped, hard to reach spaces giving you the grip to solve real world problems.



Ergonomic Dual Material Grips

With tether point to increase overall comfort and safety

RTZ210CG

Grip Zone Handles

Non-marring grip

Slim Jaws

Provide 40% greater access

Flush Rivet

For improved access

8 Jaw Positions

For more flexibility, grip comfort and jaw capacity

K9™ Jaws

Increases torque transfer while allowing for firmer grip, even on a 35 degree angle

Tough gets the job done.
Smart gets the job done right.

Z2 K9™ STRAIGHT JAW DUAL MATERIAL TONGUE AND GROOVE PLIERS

- K9™ jaw design provides a strong grip, even when on a 35° angle
- Slim jaws provide 40% greater access
- Aggressive tooth design increases torque transfer
- 8 jaw positions for more flexibility, grip comfort and jaw capacity
- Grip Zone™ handles for non-marring grip
- Ergonomic handles with tether point increase overall comfort and safety



**Coming 2024 in Rawhide*

Cat. No.	Jaw Positions	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Wire Crimper/Cutter	Handle	Product Weight
RTZ28CG	8	8.0 in	1 in	1.1 in	0.33 in	1.6 in	No	Black	0.545 lb
RTZ210CG	8	10.0 in	1.25 in	1.4 in	0.38 in	2.1 in	No	Black*	0.875 lb
RTZ212CG	8	12.0 in	1.8 in	1.85 in	0.42 in	2.6 in	No	Black*	1.525 lb

2 PC. Z2 K9™ STRAIGHT JAW DUAL MATERIAL TONGUE AND GROOVE PLIER SET



Cat. No.	Product Weight
RTZ2CGSET2	2.300 lb
Cat. No.	Description
RTZ28CG	8" Z2 K9™ Straight Jaw Dual Material Tongue and Groove Pliers
RTZ212CG	12" Z2 K9™ Straight Jaw Dual Material Tongue and Groove Pliers

Z2 K9™ V-JAW DUAL MATERIAL TONGUE AND GROOVE PLIERS

- K9™ jaw design provides a strong grip, even when on a 35° angle
- Slim jaws provide 40% greater access
- Aggressive tooth design increases torque transfer
- 8 jaw positions for more flexibility, grip comfort and jaw capacity
- Grip Zone™ handles for non-marring grip
- Ergonomic handles with tether point increase overall comfort and safety
- V-jaws and self-locking adjustment



Cat. No.	Jaw Positions	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Wire Crimper/Cutter	Handle	Product Weight
RTZ28CGV	8	8.0 in	1 in	1.1 in	0.33 in	1.6 in	No	Black	0.545 lb
RTZ210CGV	8	10.0 in	1.25 in	1.4 in	0.38 in	2.1 in	No	Black	0.875 lb
RTZ212CGV	8	12.0 in	1.8 in	1.85 in	0.42 in	2.6 in	No	Black	1.525 lb

TONGUE & GROOVE

2 PC.

Z2 K9™ V-JAW DUAL MATERIAL TONGUE AND GROOVE PLIER SET



Cat. No.	Product Weight		
RTZ2CGVSET2	2.600 lb		
Cat. No.	Description	Cat. No.	Description
RTZ210CGV	10" Z2 K9™ V-Jaw Dual Material Tongue and Groove Pliers	RTZ212CGV	12" Z2 K9™ V-Jaw Dual Material Tongue and Groove Pliers

Z2 K9™ STRAIGHT JAW DIPPED HANDLE TONGUE AND GROOVE PLIERS

- K9™ jaw design provides a strong grip, even when on a 35° angle
- Slim jaws provide 40% greater access
- Aggressive tooth design increases torque transfer
- 8 or 10 jaw positions for more flexibility, grip comfort and jaw capacity
- Ergonomic handles increase overall comfort
- Professional easy clean dipped grips with handle tip ID



Cat. No.	Jaw Positions	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Wire Crimper/Cutter	Handle	Product Weight
RTZ28	8	8.0 in	1 in	1.1 in	0.33 in	1.6 in	No	Rawhide	0.545 lb
RTZ210	8	10.0 in	1.25 in	1.4 in	0.38 in	2.1 in	No	Rawhide	0.875 lb
RTZ212	8	12.0 in	1.8 in	1.85 in	0.42 in	2.6 in	No	Rawhide	1.525 lb
RTZ216	10	16.0 in	2.5 in	2.5 in	0.58 in	4.2 in	No	Rawhide	3.100 lb

3 PC.

Z2 K9™ STRAIGHT JAW DIPPED HANDLE TONGUE AND GROOVE PLIER SET



Cat. No.	Product Weight		
RTZ2SET3	3.300 lb		
Cat. No.	Description	Cat. No.	Description
RTZ28	8" Z2 K9™ Straight Jaw Dipped Handle Tongue and Groove Pliers	RTZ212	12" Z2 K9™ Straight Jaw Dipped Handle Tongue and Groove Pliers
RTZ210	10" Z2 K9™ Straight Jaw Dipped Handle Tongue and Groove Pliers		

Z2 K9™ V-JAW DIPPED HANDLE TONGUE AND GROOVE PLIERS

- K9™ jaw design provides a strong grip, even when on a 35° angle
- Slim jaws provide 40% greater access
- Aggressive tooth design increases torque transfer
- 8 or 10 jaw positions for more flexibility, grip comfort and jaw capacity
- Ergonomic handles increase overall comfort
- Professional easy clean dipped grips with handle tip ID
- V-jaws and self-locking adjustment



Cat. No.	Jaw Positions	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Wire Crimper/Cutter	Handle	Product Weight
RTZ28V	8	8.0 in	1 in	1.1 in	0.33 in	1.6 in	No	Rawhide	0.545 lb
RTZ210V	8	10.0 in	1.25 in	1.4 in	0.38 in	2.1 in	No	Rawhide	0.875 lb
RTZ212V	8	12.0 in	1.8 in	1.85 in	0.42 in	2.6 in	No	Rawhide	1.525 lb
RTZ216V	10	16.0 in	2.5 in	2.5 in	0.58 in	4.2 in	No	Rawhide	3.100 lb

STRAIGHT JAW DIPPED HANDLE TONGUE AND GROOVE PLIERS

- Rivet construction with precision machined joint interlock assures smooth, positive joint action, no chance of slipping position or coming apart under load
- Self-locking jaw opening adjustment
- Alloy steel construction with induction-hardened teeth for maximum durability
- Long handles provide additional leverage
- Secure grip from the single-dip handles that easily wipe clean
- Black oxide finish to prevent corrosion



Cat. No.	Jaw Positions	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Wire Crimper/Cutter	Handle	Product Weight
RT27CVN-05	6	7.0 in	0.88 in	1.06 in	0.31 in	1.25 in	No	Rawhide	0.500 lb
RT210CVN-05	6	10.0 in	1.07 in	1.33 in	0.30 in	1.66 in	No	Rawhide	0.820 lb
RT212CVN-05	8	12.0 in	1.62 in	1.74 in	0.36 in	2.25 in	No	Rawhide	1.465 lb
RT216CVN-06	10	16.0 in	2.55 in	2.50 in	0.50 in	4.50 in	No	Rawhide	3.100 lb
HL120PN	11	20.0 in	3.20 in	2.90 in	0.50 in	5.50 in	No	Rawhide	4.065 lb

3 PC. STRAIGHT JAW DIPPED HANDLE TONGUE AND GROOVE PLIER SET



Cat. No.	Product Weight
RT200SET3-05	3.015 lb
Cat. No.	Description
RT27CVN-05	7" Straight Jaw Dipped Handle Tongue and Groove Pliers
RT210CVN-05	10" Straight Jaw Dipped Handle Tongue and Groove Pliers
RT212CVN-05	12" Straight Jaw Dipped Handle Tongue and Groove Pliers

TONGUE & GROOVE

2 PC. GRIP ZONE™ V-JAW DUAL MATERIAL TONGUE & GROOVE PLIER SET

- V-shaped jaws allow for a firmer grip on various shapes
- Rivet construction with precision machined joint interlock assures smooth, positive joint action, no chance of slipping position or coming apart under load
- Unique tooth design grips tighter, giving you increased torque using less effort
- Angled teeth for increased grip on pipes and fasteners
- Integrated non-marring Grip Zone™ pipe grip area in the handle, made of high-impact rubber
- Maximum durability from alloy steel construction with induction-hardened teeth
- Black oxide finish wipes clean easily and resists corrosion



Cat. No.	Product Weight
RT400SGSET2-05*	2.640 lb
Cat. No.	Description
-	10" Grip Zone™ V-Jaw Dual Material Tongue & Groove Pliers
-	12" Grip Zone™ V-Jaw Dual Material Tongue & Groove Pliers

*Coming 2024 in Rawhide

V-JAW DIPPED HANDLE TONGUE AND GROOVE PLIERS

- V-shaped jaws with an offset, self-locking adjustment grip tightly in any configuration
- Rivet construction with precision-machined joint interlock assures smooth, positive joint action with no chance of slipping position or coming apart under load
- Unique tooth design grips tighter and provides increased torque with less effort
- Maximum durability from alloy steel construction with induction-hardened teeth
- Secure grip from the single-dip handles that easily wipe clean
- Black oxide finish to prevent corrosion



Cat. No.	Jaw Positions	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Wire Crimper/Cutter	Handle	Product Weight
RT48CVN	6	10.236 in					No	Rawhide	0.617 lb
RT410CVN-05	6	10.0 in	1 in	1.25 in	0.31 in	1.812 in	No	Rawhide	0.816 lb
RT412CVN-05	8	12.0 in	1.75 in	1.65 in	0.38 in	3 in	No	Rawhide	1.560 lb

SMOOTH JAW DIPPED HANDLE TONGUE & GROOVE PLIERS

- Smooth jaw design for use on plated fixtures and delicate fasteners
- Rivet construction with precision-machined joint interlock assures smooth, positive joint action with no chance of slipping position or coming apart under load
- Long handles provide additional leverage
- Forged alloy steel construction for maximum durability
- Professional ergonomic dipped grips easily wipe clean
- Meets or exceeds ASME specifications



Cat. No.	Jaw Positions	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Wire Crimper/Cutter	Handle	Product Weight
10TGSJDG	6	10.0 in	1.07 in	1.33 in	0.30 in	2 in	No	Rawhide	0.99 lb

MINI DIPPED HANDLE TONGUE AND GROOVE PLIERS

- Straight jaws with an offset, self-locking adjustment grip tightly in any configuration
- Rivet construction with precision-machined joint interlock assures smooth, positive joint action with no chance of slipping position or coming apart under load
- Unique tooth design grips tighter and provides increased torque with less effort
- Maximum durability from alloy steel construction with induction-hardened teeth
- Four jaw positions for flexibility and comfort
- Secure grip from the single-dip handles that easily wipe clean
- Black oxide finish to prevent corrosion



Cat. No.	Jaw Positions	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Wire Crimper/Cutter	Handle	Product Weight
RT24CVS-05	4	5.0 in	0.50 in	0.75 in	0.22 in	0.75 in	No	Rawhide	0.145 lb

AUTO-BITE™ TONGUE AND GROOVE PLIERS

Taking gripping and cutting to the highest level of performance.

Innovative Z2 Auto Bite™ pliers feature one-handed automatic adjustment, making them perfect for turning work in tight spaces. With their durable construction and ergonomic design, they offer precision and reliability, making jobs a breeze.



Ergonomic Dual Material Grips with Tether Point

Increase overall comfort and safety

RTAB8CG

Patented Auto-Bite Lever

For one-hand automatic jaw adjustment; perfect for cramped spaces or hard-to-reach applications

Pinch-Free Handles

Pinch-Stop design prevents handles from closing on palm or fingers

Non-Marring Grip Zone

For gripping easily damaged, plated, or decorative fixtures

Slim Design

No protruding push button means less width for better access in tight spots

Aggressive Tooth Design and “V” Jaws

For maximum grip and torque transfer on various shapes

Tough gets the job done.
Smart gets the job done right.

Z2 AUTO-BITE™ DUAL MATERIAL TONGUE & GROOVE PLIERS

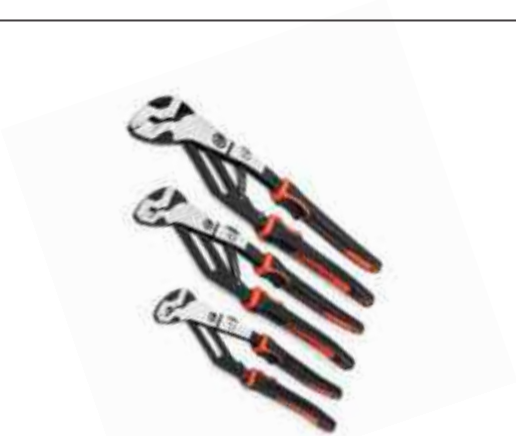
- Patented Auto-Bite™ lever enables one handed jaw adjustment
- Thumb adjust Auto-Bite™ knob to engage or disengage Auto-Bite™ lever
- With the Auto-Bite™ lever engaged, simply squeeze the handles and the jaw automatically adjust to a precise grip
- Slim jaws provide 40% greater access
- Aggressive tooth design increases torque transfer
- Grip Zone™ handles for non-marring grip
- "V" jaws and self-locking adjustment
- Ergonomic handles with tether point increase overall comfort and safety



**Coming 2024 in Rawhide*

Cat. No.	Jaw Positions	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Wire Crimper/Cutter	Handle	Product Weight
RTAB6CG	14	6.0 in	1 in	1 in	0.25 in	1.25 in	No	Black	0.500 lb
RTAB8CG	20	8.0 in	1 in	1 in	0.28 in	1.85 in	No	Black*	0.600 lb
RTAB10CG	25	10.0 in	1.25 in	1.3 in	0.3 in	2.2 in	No	Black	1.000 lb
RTAB12CG	30	12.0 in	2 in	1.8 in	0.35 in	2.75 in	No	Black	1.700 lb

3 PC. Z2 AUTO-BITE™ DUAL MATERIAL TONGUE & GROOVE PLIER SET



Cat. No.	Product Weight
RTABCGSET3	3.285 lb
Cat. No.	Description
RTAB8CG	8" Z2 Auto-Bite™ Dual Material Tongue & Groove Pliers
RTAB10CG	10" Z2 Auto-Bite™ Dual Material Tongue & Groove Pliers

Cat. No.	Description
RTAB12CG	12" Z2 Auto-Bite™ Dual Material Tongue & Groove Pliers

2 PC. Z2 AUTO-BITE™ DUAL MATERIAL TONGUE & GROOVE PLIER SET

Cat. No.	Product Weight
RTABCGSET2	2.646 lb
Cat. No.	Description
RTAB10CG	10" Z2 Auto-Bite™ Dual Material Tongue & Groove Pliers

Cat. No.	Description
RTAB12CG	12" Z2 Auto-Bite™ Dual Material Tongue & Groove Pliers

TONGUE & GROOVE

Z2 DUAL MATERIAL DIAGONAL CUTTING PLIERS

- High leverage joint design provides up to 35% greater cutting power
- Laser hardened cutting edges cut clean and remain sharp 50% longer
- 20° head angle for true flush cutting
- Ergonomic handles with tether point increase overall comfort and safety



*Coming 2024 in Rawhide

Cat. No.	Overall Length	Jaw Length	Jaw Thickness	Edge Type/Cut Capacity	Jaw Capacity	Cutting Edge Length	Handle	Product Weight
Z5426CG-06	6.0 in	0.75 in	0.4 in	KNIFE-KNIFE / AWG 8	0.75 in	0.75 in	Black	0.500 lb
Z5428CG-06	8.0 in	0.75 in	0.53 in	KNIFE-KNIFE / AWG 7	0.75 in	0.75 in	Black*	0.700 lb

Z2 DIPPED HANDLE DIAGONAL CUTTING PLIERS

- High leverage joint design provides up to 35% greater cutting power
- Laser hardened cutting edges cut clean and remain sharp 50% longer
- 20° head angle for true flush cutting
- Professional easy clean dipped grips with handle tip ID



Cat. No.	Overall Length	Jaw Length	Jaw Thickness	Edge Type/Cut Capacity	Jaw Capacity	Cutting Edge Length	Handle	Product Weight
Z5426-06	6.0 in	0.75 in	0.4 in	KNIFE-KNIFE / AWG 8	0.75 in	0.75 in	Rawhide	0.373 lb
Z5428-06	8.0 in	0.75 in	0.53 in	KNIFE-KNIFE / AWG 7	0.75 in	0.75 in	Rawhide	

HEAVY DUTY DIPPED HANDLE DIAGONAL CUTTING PLIERS

- Designed for heavy-duty wire cutting
- Standard or flush cutting edges
- Angled head for offset cutting
- Electronically induction hardened hand-honed, long lasting cutting edges
- Manufactured from forged alloy tool steel for durability
- Dipped handle grips for easy cleaning and better control
- Polished head resists rust and corrosion



Cat. No.	Overall Length	Jaw Length	Jaw Thickness	Edge Type/Cut Capacity	Jaw Capacity	Cutting Edge Length	Handle	Product Weight
5427CVN	7.0 in	0.78 in	1.218 in	0.468 in	Std./12 AWG	0.4 in	Rawhide	0.65 lb
5428CVN	8.0 in	0.78 in	1.218 in	0.468 in	Std./22 AWG	0.4 in	Rawhide	0.74 lb
5428CN	8.0 in	0.78 in	1.218 in	0.468 in	Std./12 AWG	0.4 in	Rawhide	0.60 lb
5437CENN	7.0 in	0.78 in	1.218 in	0.468 in	Flush/22 AWG	0.4 in	Rawhide	0.635 lb
5438CENN	8.0 in	0.78 in	1.218 in	0.468 in	Flush/12 AWG	0.4 in	Rawhide	0.70 lb

GENERAL PURPOSE DIAGONAL CUTTING PLIERS

- Designed for general wire cutting in confined spaces
- Long cutting edges for harder wires
- Electronically induction hardened hand-honed, long lasting cutting edges
- Manufactured from forged alloy tool steel for durability
- Polished head resists rust and corrosion



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Edge Type/ Cut Capacity	Jaw Capacity	Cutting Edge Length	Handle	Product Weight
9336CVN	6.0 in	0.81 in	0.75 in	0.437 in	Std./12 AWG	0.4 in	0.82 in	Rawhide	0.41 lb
9337CVN	7.0 in	1 in	0.906 in	0.468 in	Std./12 AWG	0.5 in	1 in	Rawhide	0.60 lb

DIPPED HANDLE PLASTIC CUTTING PLIERS

- Designed for flush cutting soft materials such as tie-wraps, plastics, and soft metals
- Solid flush rivet for better access and tighter tolerance
- Manufactured from alloy steel for improved strength and durability
- Professional, ergonomic dipped grips wipe clean easily
- Exceeds ASME specifications



Cat. No.	Overall Length	Jaw Length	Cutting Edge Length	Handle	Product Weight
5PCDG	5.0 in	0.77 in	0.70 in	Rawhide	0.220 lb
6PCDG	6.0 in	0.83 in	0.73 in	Rawhide	0.550 lb
7PCDG	7.0 in	1.05 in	0.98 in	Rawhide	0.660 lb

Z2 DIPPED HANDLE LINEMAN'S PLIERS

- High leverage joint design provides up to 35% greater cutting power
- Laser hardened cutting edges cut clean and remain sharp 50% longer
- Cross hatched jaw for gripping and pulling
- Fish tape channel for use with flat steel tapes
- Head designed to ream conduit and fittings
- Professional easy clean dipped grips with handle tip ID



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Edge Type/Cut Capacity	Jaw Capacity	Wire Cutter/ Crimper	Handle	Product Weight
Z20508-06	8.0 in	1.5 in	0.28 in	0.53 in	KNIFE-KNIFE / AWG 6	1.5 in	No	Rawhide	0.900 lb
Z20509-06	9.0 in	1.6 in	0.31 in	0.62 in	KNIFE-KNIFE / AWG 5	1.6 in	No	Rawhide	1.100 lb

Z2 DUAL MATERIAL LINEMAN'S PLIERS

- High leverage joint design provides up to 35% greater cutting power
- Laser hardened cutting edges cut clean and remain sharp 50% longer
- Cross hatched jaw for gripping and pulling
- Fish tape channel for use with flat steel tapes
- Head designed to ream conduit and fittings
- Ergonomic handles with tether point increase overall comfort and safety



*Coming 2024 in Rawhide

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Edge Type/Cut Capacity	Jaw Capacity	Wire Cutter/Crimper	Handle	Product Weight
Z20508CG-06	8.0 in	1.5 in	0.28 in	0.53 in	KNIFE-KNIFE / AWG 6	1.5 in	No	Black	0.950 lb
Z20509CG-06	9.0 in	1.6 in	0.31 in	0.62 in	KNIFE-KNIFE / AWG 5	1.6 in	Yes	Black*	1.200 lb

SOLID JOINT

DIPPED HANDLE LINEMAN'S FISH TAPE PULLER PLIERS

- Built-in channel pulls 1/8 inch or 1/4 inch flat steel fish tape without damaging the tape
- Built-in crimper for insulated and non-insulated connectors, lugs, and terminals
- Solid flush rivet for better access and tighter tolerance
- Manufactured from alloy steel for improved strength and durability
- Professional ergonomic dipped grips easily wipe clean
- Long handles provide additional leverage
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Wire Cutter/Crimper	Fish Tape	Handle	Product Weight
9FTDG	9.5 in	Yes	Yes	Rawhide	1.100 lb

LINEMAN'S SIDE CUTTING PLIERS

- Designed for electrical work
- Electronically induction hardened hand-honed, long lasting cutting edges
- Manufactured from forged alloy tool steel for durability
- Polished head resists rust and corrosion
- Spring tempered handles with dipped grips



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Edge Type/Cut Capacity	Jaw Capacity	Wire Cutter/Crimper	Fish Tape	Handle	Product Weight
507CVN	7.0 in	1.281 in	1 in	0.50 in	Std./12 AWG	0.6 in	No	No	Rawhide	0.70 lb
508CVN	8.0 in	1.468 in	1.125 in	0.562 in	Std./11 AWG	0.7 in	No	No	Rawhide	0.94 lb
20509CVSMLN	9.25 in	1.562 in	1.28 in	0.625 in	Std./11 AWG	0.7 in	No	No	Rawhide	1.10 lb

Z2 LONG NOSE PLIERS

Gripping and cutting power to solve real world problems.

Crafted with precision and innovation, the Z2 long nose pliers redefine excellence, offering unmatched grip and cutting precision. Engineered with a cross-hatched jaw surface and laser-hardened cutting edges and forged from high-grade alloy steel, these pliers ensure longevity in the most demanding of environments. With a six zone head, these pliers can cut, grip and turn better than any long nose plier we've made, setting a new standard of excellence in long nose pliers.



Dual Material Grips with Tether Point

For comfort and control

Pivot Forward High Leverage Joint

For more cutting power

Laser Hardened Cutting Edges

For durability

Non-Marring Grip Area

To grip easily-marred surfaces

Notch in Jaws

For pulling cable

Cross-Hatched Jaw Surface

For bending or twisting

Z6546CG

Z2 DIPPED HANDLE LONG NOSE PLIERS

- High leverage joint design provides up to 35% greater cutting power
- Laser hardened cutting edges cut clean and remain sharp 50% longer
- Cross hatched jaw for gripping and pulling
- Notch in jaws for pulling cable
- Fastener grip area for turning nuts and bolts
- Professional easy clean dipped grips with handle tip ID



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Handle	Product Weight
Z6546-06	6.0 in	2 in	0.12 in	0.37 in	1.5 in	Rawhide	0.250 lb
Z6548-06	8.0 in	3 in	0.16 in	0.38 in	2 in	Rawhide	0.400 lb

Z2 DUAL MATERIAL LONG NOSE PLIERS

- High leverage joint design provides up to 35% greater cutting power
- Laser hardened cutting edges cut clean and remain sharp 50% longer
- Cross hatched jaw for gripping and pulling
- Notch in jaws for pulling cable
- Fastener grip area for turning nuts and bolts
- Ergonomic handles with tether point increase overall comfort and safety



**Coming 2024 in Rawhide*

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Handle	Product Weight
Z6546CG-06	6.0 in	2 in	0.12 in	0.37 in	1.5 in	Black	0.300 lb
Z6548CG-06	8.0 in	3 in	0.16 in	0.38 in	2 in	Black*	0.450 lb

DIPPED HANDLE LONG NEEDLE NOSE PLIERS

- Long needle nose with excellent gripping ability
- Designed for work in tight, narrow areas
- Manufactured from forged alloy tool steel for durability
- Polished head resists rust and corrosion
- Dipped handle grips for easy cleaning and better control



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Handle	Product Weight
7776CVN	6.0 in	2.062 in	0.687 in	0.343 in	1.1 in	Rawhide	0.31 lb
7777CVN	7.0 in	2.687 in	0.687 in	0.328 in	1.4 in	Rawhide	0.30 lb

DIPPED HANDLE BENT NEEDLE NOSE PLIERS

- Designed for working in out-of-the-way confined corners
- Thin bent nose, tempered tips are made to bend slightly when gripping, returning to normal when pressure is released
- Manufactured from forged alloy tool steel for durability
- Polished head resists rust and corrosion
- Dipped handle grips for easy cleaning and better control



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Handle	Product Weight
8886CVN	6.0 in	1 in	0.687 in	0.375 in	0.5 in	Rawhide	0.46 lb
8888CVNN	8.0 in	2.755 in	0.787 in	0.41 in	2.25 in	Rawhide	0.620 lb

DIPPED HANDLE LONG CHAIN NOSE PLIERS

- Designed for work in confined areas
- Long chain nose with serrated jaws to easily make wire loops and bends
- Electronically induction hardened hand-honed, long lasting cutting edges
- Manufactured from forged alloy tool steel for durability
- Polished head resists rust and corrosion
- Dipped handle grips for easy cleaning and better control



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Handle	Product Weight
10336CVN	6.0 in	1.875 in	0.687 in	0.375 in	0.8 in	Rawhide	0.38 lb
10337CVN	7.0 in	2.656 in	0.75 in	0.375 in	1 in	Rawhide	0.46 lb

LONG SIDE CUTTING CHAIN NOSE PLIERS

- Designed for reaching confined areas
- Long chain nose with fine serrated jaws to easily make wire loops and bends
- Electronically induction hardened hand-honed, long lasting cutting edges
- Manufactured from forged alloy tool steel for durability
- Polished head resists rust and corrosion



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Handle	Product Weight
6546CVSMLN	6.0 in	1-7/8 in	0.687 in	0.375 in	0.8 in	Rawhide	0.37 lb
6547CVN	7.0 in	1.656 in	0.75 in	0.375 in	1.0 in	Rawhide	0.45 lb
10338CVNN	8.0 in	2.58 in	0.12 in	0.20 in	2.0 in	Rawhide	0.535 lb

Z2 DIPPED HANDLE UNIVERSAL PLIERS

- High leverage joint design provides up to 35% greater cutting power
- Laser hardened cutting edges cut clean and remain sharp 50% longer
- Cross hatched jaw tooth design for gripping and pulling
- Bolt grip zone for turning nuts and fasteners
- Crimp point behind joint for crimping non-insulated connectors
- Professional, ergonomic grips wipe clean easily
- Meets or exceeds ASME requirements



Cat. No.	Overall Length	Jaw Length	Jaw Thickness	Edge Type/Cut Capacity	Jaw Capacity	Handle	Product Weight
Z3008-06	8.0 in	1.5 in	0.5 in	KNIFE-KNIFE / AWG 6	1.5 in	Rawhide	0.750 lb

Z2 DUAL MATERIAL UNIVERSAL PLIERS

- High leverage joint design provides up to 35% greater cutting power
- Laser hardened cutting edges cut clean and remain sharp 50% longer
- Cross hatched jaw tooth design for gripping and pulling
- Bolt grip zone for turning nuts and fasteners
- Crimp point behind joint for crimping non-insulated connectors
- Professional, ergonomic grips wipe clean easily
- Meets or exceeds ASME requirements



Cat. No.	Overall Length	Jaw Length	Jaw Thickness	Edge Type/Cut Capacity	Jaw Capacity	Handle	Product Weight
Z3008CG-06	8.7 in	1.5 in	0.5 in	KNIFE-KNIFE / AWG 6	1.5 in	Black	0.800 lb

NAIL PULLER PLIERS

- Excellent for removing damaged nails and fasteners
- Roll bar allows you to pull nails with a smooth, low-effort action
- Easily extract nails, regardless of their size
- Functionality of the pliers allows you to remove nails from the front or the back
- Plier teeth designed for an optimal grip on varied types of nails
- Dual handles make it quick and easy to grip, roll, and remove nails or staples
- Durable forged steel construction with rubber grips for comfort and control
- Black-oxide finish resists corrosion
- Dipped grips wipe clean easily



Cat. No.	Tip Length	Tip Width	Overall Length	Handle	Product Weight
NP11	.709 in	3.217 in	11.0 in	Rawhide	1.5 lb

HEAVY DUTY END CUTTING NIPPER PLIERS

- Strong and lightweight for demanding construction use
- Electronically induction hardened hand-honed, long lasting cutting edges
- Manufactured from forged alloy tool steel for durability
- Black finish with polished head resists rust and corrosion
- High leverage design to cut large diameter nails and wire



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Edge Type/Cut Capacity	Jaw Capacity	Product Weight
GG010HN	10.0 in	0.64 in	2.156 in	0.578 in	Std./12 AWG	0.5 in	1.04 lb
GG014HN	14.0 in	0.718 in	1.656 in	0.64 in	Std./12 AWG	0.6 in	2.15 lb

DIPPED HANDLE END CUTTING NIPPER PLIERS

- Manufactured from forged alloy tool steel for durability
- Electronically induction hardened hand-honed, long lasting cutting edges
- Thin throat and flush rivet size for improved access
- Dipped handles designed with a high leverage ratio for easier cutting
- Polished, durable forged alloy tool steel head



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Edge Type/Cut Capacity	Jaw Capacity	Handle	Product Weight
727CVN-05	7.0 in	0.375 in	1.75 in	0.53 in	Std./12 AWG	0.4 in	Rawhide	0.815 lb
728CVN-05	8.0 in	0.375 in	1.75 in	0.53 in	Std./12 AWG	0.625 in	Rawhide	0.85 lb
729CVN-05	9.0 in	0.406 in	1.75 in	0.59 in	Std./12 AWG	0.625 in	Rawhide	0.98 lb

MINI DIPPED HANDLE END NIPPER PLIERS

- Slim handle and head design for greater access
- Solid flush rivet for better access and tighter tolerance
- Laser hardened cutting edge for a longer tool life
- Manufactured from alloy steel for improved strength and durability
- Professional, ergonomic dipped grips wipe clean easily
- Spring loaded to reduce hand fatigue
- Exceeds ASME specifications



Cat. No.	Overall Length	Jaw Width	Wire Crimper	Handle	Product Weight
4MECNDG	4.0 in	0.48 in	No	Rawhide	0.220 lb

HEAVY DUTY SOLID JOINT FENCE TOOL PLIERS

- Designed for heavy-duty wire cutting
- Standard or flush cutting edges
- Angled head for offset cutting
- Electronically induction hardened hand-honed, long lasting cutting edge
- Manufactured from forged alloy tool steel for durability
- Polished head resists rust and corrosion



Cat. No.	Overall Length	Edge Type/Cut Capacity	Wire Cutter	Handle	Product Weight
193410CVNN-05	10.0 in	Std./11 AWG	Yes	Rawhide	1.490 lb
193610CVSMNN-05	10.0 in	Std./11 AWG	Yes	Rawhide	1.835 lb

BUTTON PLIERS FENCE TOOL

- Designed for construction and maintenance of wire fencing
- Flat nose with three wire cutters, pipe grips, and teeth in extreme tip of nose
- Electronically induction hardened hand-honed, long lasting cutting edges
- Manufactured from forged alloy tool steel for durability
- Black finish with polished head resists rust and corrosion
- Knurled handles for better grip



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Edge Type/Cut Capacity	Jaw Capacity	Wire Cutter	Handle	Product Weight
10008VN-05	8.0 in	1.281 in	1.375 in	0.562 in	Std./12 AWG	0.7 in	Yes	Black	0.80 lb
100010VN-05	10.25 in	1.5 in	1.562 in	0.625 in	Std./11 AWG	0.7 in	Yes	Black	1.25 lb

2 PC. MINI SHEAR CUTTER PLIER SET

- Most popular all-purpose miniature electronic flush cutter and needle nose plier
- Pliers can tackle up to 20-gauge AWG soft wires (0.8 mm) letting you perform a collection of electrician tasks at work or home
- Rubberized coating on the handles lets you maintain a sure grip, even in slippery conditions
- Unlike other pliers with their tension springs located in the center of the unit, these pliers have their tension springs running alongside 1 of the handles this prevents it from getting caught out on the job, reducing the risk of damage



Cat. No.	Edge Type/Cut Capacity	Handle	Product Weight
S2KS5NN	Flush	Rawhide	0.510 lb

MINI DIPPED HANDLE DIAGONAL CUTTING PLIERS

- Slim handle and head design for greater access
- Solid flush rivet for better access and tighter tolerance
- Laser hardened cutting edge for a longer tool life
- Manufactured from alloy steel for improved strength and durability
- Professional, ergonomic dipped grips wipe clean easily
- Spring loaded to reduce hand fatigue
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Jaw Length	Wire Crimper	Wire Cutter	Handle	Product Weight
4MDIADG	4.0 in	0.50 in	No	Yes	Rawhide	0.220 lb

4" MINI DIPPED GRIP LINEMAN'S PLIERS

- Slim handle and head design for greater access
- Solid flush rivet for better access and tighter tolerance
- Manufactured from alloy steel for improved strength and durability
- Laser hardened cutting edge for a longer tool life
- Professional, ergonomic dipped grips wipe clean easily
- Spring loaded to reduce hand fatigue
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Wire Crimper	Wire Cutter	Handle	Product Weight
4MLMDG	4.0 in	No	Yes	Rawhide	0.220 lb

5" MINI FLAT LONG NOSE PLIERS

- Slim handle and head design for greater access
- Solid flush rivet for better access and tighter tolerance
- Manufactured from alloy steel for improved strength and durability
- Broad, flat jaws offer extra leverage for twisting and bending
- Professional, ergonomic dipped grips wipe clean easily
- Spring loaded to reduce hand fatigue
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Wire Crimper	Wire Cutter	Handle	Product Weight
5MFLNDG	5.0 in	1.5 in	0.50 in	0.30 in	0.75 in	No	Yes	Rawhide	0.22 lb

MINI DIPPED HANDLE LONG NOSE PLIERS

- Slim handle and head design for greater access
- Solid flush rivet for better access and tighter tolerance
- Laser hardened cutting edge for a longer tool life
- Manufactured from alloy steel for improved strength and durability
- Professional, ergonomic dipped grips wipe clean easily
- Spring loaded to reduce hand fatigue
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Wire Crimper	Wire Cutter	Handle	Product Weight
5MLNDG	5.0 in	1.3 in	0.09 in	0.14 in	No	Yes	Rawhide	0.220 lb

MINI DIPPED HANDLE BENT NOSE PLIERS

- Slim handle and head design for greater access
- Solid flush rivet for better access and tighter tolerance
- Laser hardened cutting edge for a longer tool life
- Manufactured from alloy steel for improved strength and durability
- Professional, ergonomic dipped grips wipe clean easily
- Spring loaded to reduce hand fatigue
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Wire Crimper/Cutter	Handle	Product Weight
5MBNDG	5.0 in	1.22 in	0.09 in	0.15 in	No	Rawhide	0.220 lb

Z2 DIPPED HANDLE SLIP JOINT PLIERS

- Curved jaws design for gripping and turning round objects such as pipes, rods and pins
- Flushed rivet for improved access
- Fastener grip area for turning nuts and bolts
- Cross hatched jaw for gripping and pulling
- Deep integrated wire cutter reduces cutting effort
- Professional easy clean dipped grips with handle tip ID



Cat. No.	Overall Length	Jaw Length	Jaw Thickness	Jaw Capacity	Wire Cutter	Handle	Product Weight
HTZ26	6.0 in	1.35 in	0.42 in	1.25 in	Yes	Rawhide	0.415 lb
HTZ28	8.0 in	1.35 in	0.42 in	1.5 in	Yes	Rawhide	0.645 lb

Z2 DUAL MATERIAL SLIP JOINT PLIERS

- Curved jaws design for gripping and turning round objects such as pipes, rods and pins
- Fastener grip area for turning nuts and bolts
- Flushed rivet for improved access
- Integrated non-marring Grip Zone™ pipe grip area in the handle, made of high-impact rubber
- Cross hatched jaw for gripping and pulling
- Deep integrated wire cutter reduces cutting effort
- Ergonomic handles with tether point increase overall comfort and safety



Cat. No.	Overall Length	Jaw Length	Jaw Thickness	Jaw Capacity	Wire Cutter	Handle	Product Weight
HTZ26CG	6.0 in	1.35 in	0.42 in	1.25 in	Yes	Black	0.415 lb
HTZ28CG	8.0 in	1.35 in	0.42 in	1.5 in	Yes	Black	0.645 lb

ELECTRICAL CONNECTOR PLIERS

- Fits A-N electrical connectors
- Three adjustment positions
- Replacement insert kit available 52910KITN



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Product Weight
52910N	10.0 in	1.6 in (inside) 2.531 in (outside) in	1.5 in	0.375 in	0.75 in - 2.5 in	0.70 lb
52910KITN		Replacement Part				0.02 lb

CEE TEE CO.® CURVED JAW SLIP JOINT PLIERS

- Curved jaws with hardened teeth for gripping and turning round objects such as pipes, rods and pins
- Flat jaw tips with hardened teeth for general purpose gripping
- Wire cutter positioned very close to the pivot to provide maximum leverage and powerful cutting
- Forged from accurately machined, hardened and tempered alloy steel
- Nickel chrome plated finish
- Non-slip textured handles for improved grip
- Two different locking jaw positions



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Wire Crimper	Wire Cutter	Product Weight
H26VN-05	6.0 in	1.32 in	1.06 in	0.39 in	1 in	No	Yes	0.50 lb
H26N-05	6.0 in	1.32 in	1.12 in	0.39 in	1 in	No	Yes	0.45 lb
H28VN-05	8.0 in	1.35 in	1.12 in	0.39 in	1 in	No	Yes	0.65 lb
H28N-05	8.0 in	1.35 in	1.12 in	0.39 in	1 in	No	Yes	0.60 lb

5 PC.

Z2 DUAL MATERIAL MIXED PLIER SET

- K9™ jaw design provides a strong grip, even when on a 35° angle
- Slim jaws provide 40% greater access
- Aggressive tooth design increases torque transfer
- 8 jaw positions for more flexibility, grip comfort and jaw capacity
- Ergonomic handles increase overall comfort
- High leverage joint design provides up to 35% greater cutting power
- Laser hardened cutting edges cut clean and remain sharp 50% longer
- Cross hatched jaw for gripping and pulling
- Fastener grip area for turning nuts and bolts
- Ergonomic handles with tether point increase overall comfort and safety



Cat. No.	Product Weight		
Z2SET5CG-06	4.000 lb		
Cat. No.	Description	Cat. No.	Description
HTZ28CG	8" Z2 Dual Material Slip Joint Pliers	Z20509CG-06	9.5" Linesman Plier Cushion Grip
Z6548CG-06	8" Long Nose Plier Cushion Grip	RTZ210CG	10" Z2 K9™ Straight Jaw Dual Material Tongue and Groove Pliers
Z5428CG-06	8" Diagonal Cutting Plier Cushion Grip		

3 PC.

Z2 DUAL MATERIAL MIXED PLIER SET

Cat. No.	Product Weight		
Z2SET3CG-06	2.510 lb		
Cat. No.	Description		
RTZ210CG	10" Z2 K9™ Straight Jaw Dual Material Tongue and Groove Pliers		
Z6548CG-06	8" Long Nose Plier Cushion Grip		
Z20508CG-06	8" Linesman Plier Cushion Grip		



STRAIGHT EXTERNAL SNAP RING PLIERS

- Removes and installs external snap rings
- Straight tip design
- Professional, ergonomic dipped grips wipe clean easily
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Tip Description	Tip Diameter	Product Weight
5SESRDG	5.0 in	Straight Tip	0.051 in	0.220 lb
7SESRDG	7.0 in	Straight Tip	0.071 in	0.330 lb

90° EXTERNAL SNAP RING PLIERS

- Remove and install external snap rings
- 90° curved tip design
- Professional, ergonomic dipped grips wipe clean easily
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Tip Description	Tip Diameter	Product Weight
5CESRDG	5.0 in	90°	0.051 in	0.220 lb
7CESRDG	7.0 in	90°	0.071 in	0.330 lb

STRAIGHT INTERNAL SNAP RING PLIERS

- Removes and installs internal snap rings
- Straight tip design
- Professional, ergonomic dipped grips wipe clean easily
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Tip Description	Tip Diameter	Product Weight
5SISRDG	5.0 in	Straight Tip	0.051 in	0.220 lb
7SISRDG	7.0 in	Straight Tip	0.071 in	0.330 lb

90° INTERNAL SNAP RING PLIERS

- Removes and installs internal snap rings
- 90° curved tip design
- Professional, ergonomic dipped grips wipe clean easily
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Tip Description	Tip Diameter	Product Weight
5CISRDG	5.0 in	90°	0.051 in	0.220 lb
7CISRDG	7.0 in	90°	0.071 in	0.330 lb

5 PC. COMBINATION SNAP RING PLIER SET

- Removes and installs internal and external snap rings
- Designed with 4 interchangeable heads for various snap ring applications
- Includes 1 plier body, 1.2mm straight tip, 1.4mm straight tip, 45° tip, 90° tip
- Dipped cushioned handles for comfort
- Meets or exceeds ASME specifications



Cat. No.	Product Weight
7SRPS	0.500 lb

Cat. No.	Product Weight
7SRPS	0.500 lb

PRO-SERIES DUAL MATERIAL DIAGONAL COMPOUND ACTION CUTTING PLIERS

- Co-molded grips for added comfort
- Compound leverage design increases cutting and gripping pressure by 50%
- Chrome vanadium steel for increased durability
- Heat-treated joint rivet for smooth and consistent operation
- Induction-hardened edges for a long cutting life
- 1/3 lighter than standard pliers for reduced fatigue



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Edge Type/Cut Capacity	Jaw Capacity	Product Weight
PS5429C	8.0 in	1 in	1 in	0.437 in	Std./11 AWG	0.5 in	0.50 lb

PIVOT-ACTION DUAL MATERIAL DIAGONAL COMPOUND ACTION CUTTING PLIERS

- Unique pivoting design cuts with 40% less force
- Compound design puts more force behind the cutting edge compared to traditional pliers
- Forged steel body is durable and strong
- Induction-hardened cutting edge for a long blade life
- Durable dual-material grips for added ergonomic comfort
- Anti-rust coating
- Designed with standard bevel edges for general wire cutting



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Product Weight
CCA5428	8.0 in	1.06 in	1.2 in	0.55 in	0.5 in	0.80 lb

—|—
Tough gets the job done.
Smart gets the job done right.
—|—

PRO-SERIES DUAL MATERIAL LONG NOSE COMPOUND ACTION CUTTING PLIERS

- Co-molded grips for added comfort
- Compound leverage design increases cutting and gripping pressure by 50%
- Chrome vanadium steel for increased durability
- Heat-treated joint rivet for smooth and consistent operation
- Induction-hardened edges for a long cutting life
- 1/3 lighter than standard pliers for reduced fatigue



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Edge Type/Cut Capacity	Jaw Capacity	Product Weight
PS6549C	9.0 in	1.562 in	1.28 in	0.625 in	Std./11 AWG	0.8 in	0.60 lb

PRO-SERIES DUAL MATERIAL LINEMAN'S COMPOUND ACTION CUTTING PLIERS

- Co-molded grips for added comfort
- Compound leverage design increases cutting and gripping pressure by 50%
- Chrome vanadium steel for increased durability
- Heat-treated joint rivet for smooth and consistent operation
- Induction-hardened edges for a long cutting life
- 1/3 lighter than standard pliers for reduced fatigue



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Edge Type/Cut Capacity	Jaw Capacity	Product Weight
PS20509C	8.0 in	1.312 in	1 in	0.437 in	Std./11 AWG	0.65 in	0.60 lb

PIVOT-ACTION DUAL MATERIAL LINEMAN'S COMPOUND ACTION PLIERS

- Unique pivoting design cuts with 40% less force
- Compound design puts more force behind the cutting edge compared to traditional pliers
- Forged steel body is durable and strong
- Machined cross-check knurling pattern on the serrated jaw for a non-slip grip
- Induction-hardened cutting edge for a long blade life
- Durable dual-material grips for added ergonomic comfort
- Anti-rust coating
- Designed with standard bevel edges for general wire cutting



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Product Weight
CCA20509	9.0 in	1.65 in	1.3 in	0.55 in	0.65 in	1.02 lb

COMPOUND ACTION

X2™ DUAL MATERIAL LONG REACH PLIERS

- Long reach pliers for better access in tight spaces
- Double joint design allows the jaws to open a greater distance than the handle
- Compound joint opens wider with less effort
- Flush rivets are stronger and have a thinner profile
- Dual-material grips for improved ergonomics and comfort
- Milled grooves in the tips grip fasteners and other objects tightly
- Made from corrosion-resistant alloy steel



Cat. No.	Overall Length	Jaw Length	Jaw Capacity	Wire Cutter	Product Weight
PSX200C-06	13.0 in	2.75 in	1.4 in	No	0.87 lb

X2™ DUAL MATERIAL LONG REACH BENT NOSE PLIERS

- Designed for working in out-of-the-way confined corners



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Wire Cutter	Product Weight
PSX201C-06	13.0 in	2.5 in	0.359 in	0.406 in	1.3 in	No	0.89 lb

2 PC. X2™ STRAIGHT AND BENT LONG NOSE DUAL MATERIAL PLIER SET

- Long reach pliers for better access in tight spaces
- Double joint design allows the jaws to open a greater distance than the handle
- Compound joint opens wider with less effort
- Flush rivets are stronger and have a thinner profile
- Dual material handles offer a more comfortable grip
- Milled grooves in the tips grip fasteners and other objects tightly
- Made from corrosion-resistant alloy steel



Cat. No.	Product Weight
PSX204C-06	2.00 lb

Cat. No.	Description
PSX200C-06	13" X2™ Dual Material Long Reach Pliers
PSX201C-06	13" X2™ Dual Material Long Reach Bent Nose Pliers

STRAIGHT JAW LOCKING PLIERS

- Straight jaws for maximum grip
- Angled tooth pattern for a better grip
- Knurled adjusting screw turns easily by hand or with a hex key inserted into the hex key receiver on bottom of screw
- After initial grip is set, pliers can be tightened further by turning the adjusting screw with a hex key
- Compound action for powerful non-slip locking grip
- Plastisol dip on release lever for improved comfort
- Nickel-plated finish resists rust and corrosion
- Maximum jaw opening size matches ASME specifications



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Product Weight
C7SVN	7.0 in	1.15 in	1.85 in	0.40 in	1.625 in	0.870 lb
C10SVN-08	10.0 in	1.25 in	2.15 in	0.56 in	1.875 in	1.245 lb

LONG NOSE LOCKING PLIERS WITH WIRE CUTTER

- Versatile long nose jaw also features integral wire cutter



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Product Weight
C6NVN-08	6.0 in	1.87 in	1.15 in	0.30 in	2.25 in	0.405 lb
C9NVN-08	9.0 in	2.65 in	1.6 in	0.40 in	2.875 in	0.875 lb

CURVED JAW LOCKING PLIERS WITH WIRE CUTTER

- Versatile curved jaw also features integral wire cutter
- Angled tooth pattern for a better grip
- Knurled adjusting screw turns easily by hand or with a hex key inserted into the hex key receiver on bottom of screw
- After initial grip is set, pliers can be tightened further by turning the adjusting screw with a hex key
- Compound action for powerful non-slip locking grip
- Plastisol dip on release lever for improved comfort
- Nickel-plated finish resists rust and corrosion
- Maximum jaw opening size matches ASME specifications



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Product Weight
C5CVN-08	5.0 in	.75 in	1.15 in	0.30 in	1.25 in	0.370 lb
C7CVN-08	7.0 in	1 in	1.85 in	0.40 in	1.625 in	0.755 lb
C10CVN-08	10.0 in	1.25 in	2.15 in	0.56 in	1.875 in	1.155 lb

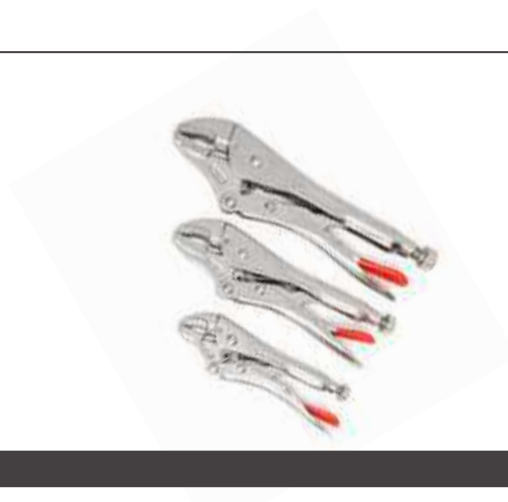
5 PC. CURVED AND LONG NOSE LOCKING PLIERS WITH WIRE CUTTER SET



Cat. No.	Wire Crimper	Wire Cutter	Product Weight
CLP5SETN-08	No	Yes	4.06 lb

Cat. No.	Description	Cat. No.	Description
C5CVN-08	5" Curved Jaw Locking Pliers with Wire Cutter	C6NVN-08	6" Long Nose Locking Pliers with Wire Cutter
C7CVN-08	7" Curved Jaw Locking Pliers with Wire Cutter	C9NVN-08	9" Long Nose Locking Pliers with Wire Cutter
C10CVN-08	10" Curved Jaw Locking Pliers with Wire Cutter		

3 PC. CURVED JAW LOCKING PLIERS WITH WIRE CUTTER SET



Cat. No.	Wire Crimper	Wire Cutter	Product Weight
CLP3SETN-08	No	Yes	2.54 lb

Cat. No.	Description
C5CVN-08	5" Curved Jaw Locking Pliers with Wire Cutter
C7CVN-08	7" Curved Jaw Locking Pliers with Wire Cutter
C10CVN-08	10" Curved Jaw Locking Pliers with Wire Cutter

2 PC. CURVED JAW LOCKING PLIERS WITH WIRE CUTTER SET



Cat. No.	Wire Crimper	Wire Cutter	Product Weight
CLP2SETN-08	No	Yes	1.980 lb

Cat. No.	Description
C7CVN-08	7" Curved Jaw Locking Pliers with Wire Cutter
C10CVN-08	10" Curved Jaw Locking Pliers with Wire Cutter

LOCKING SHEET METAL CLAMPS

- Compound action for powerful non-slip locking grip
- After initial grip is set, clamp can be tightened further by turning the adjusting screw with a hex key
- Red plastisol dip on release lever for improved comfort
- Nickel-plated finish resists rust and corrosion
- Maximum jaw opening meets ASME specifications



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Product Weight
C8SMVN	8.0 in	1.7 in	1.95 in	3.8 in	1.63 in	1.130 lb

LOCKING WELDING CLAMPS

- Compound action for powerful non-slip locking grip
- After initial grip is set, clamp can be tightened further by turning the adjusting screw with a hex key
- Red plastisol dip on release lever for improved comfort
- Nickel-plated finish resists rust and corrosion
- Maximum jaw opening meets ASME specifications



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Product Weight
C9WN	9.0 in	2.9 in	2.75 in	2.7 in	3 in	1.305 lb

QUICK RELEASE LOCKING CHAIN CLAMP

- 18" long chain
- Compound action for powerful non-slip locking grip
- Knurled adjusting screw turns easily by hand or with a hex key inserted into the hex key receiver on bottom of screw
- Red plastisol dip on release lever for improved comfort
- Nickel-plated finish resists rust and corrosion



Cat. No.	Overall Length	Jaw Width	Jaw Thickness	Jaw Capacity	Product Weight
C20CHN	20.0 in	2.45 in	0.50 in	5.7 in	1.670 lb

LOCKING C-CLAMPS WITH SWIVEL PAD TIPS

- Locking "C" clamps are faster and easier to use than standard clamps
- Knurled adjusting screw turns easily by hand or with a hex key inserted into the hex key receiver on bottom of screw
- After initial grip is set, clamp can be tightened further by turning the adjusting screw with a hex key
- Compound action for powerful non-slip locking grip
- Plastisol dip on release lever for improved comfort
- Nickel-plated finish resists rust and corrosion
- Maximum jaw opening meets ASME specifications



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Product Weight
C6CCSVN	6.0 in	2.25 in	3.4 in	0.80 in	2.35 in	0.665 lb
C11CCSVN	11.0 in	4.05 in	5.6 in	0.90 in	4 in	1.930 lb
C18CCSN	18.0 in	11 in	5.6 in	0.90 in	9.5 in	3.170 lb

LOCKING

LOCKING C-CLAMPS WITH REGULAR TIPS

- Regular tips work with hard surface materials



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Jaw Capacity	Product Weight
C6CCVN	6.0 in	2.25 in	3.4 in	0.80 in	2 in	0.555 lb
C11CCVN	11.0 in	4.05 in	5.6 in	0.90 in	3.5 in	1.765 lb
C11CCVBN	11.0 in	4.05 in	5.6 in	0.90 in	3.5 in	1.685 lb
C18CCRN	18.0 in	11 in	5.6 in	0.90 in	9.25 in	2.790 lb



MEASURING & LAYOUT

POWER TAPES

POCKET TAPES

MEASURING WHEELS

LONG TAPES

TAPE BLADE STYLES

SQUARES & RULES

LEVELS

CHALK & REEL

OIL GAUGING TAPES

ACCESSORIES/PARTS

SHOCKFORCE G2 TAPE MEASURES

Reach Farther.

Shockforce G2 tapes have a wider, thicker blade for a full 17-feet of reach. They've been 120-foot drop tested for extreme durability, meaning they're not just the best performing tapes we've ever made...they're also the toughest.



Bolstered Case and Fastening Points

120' Drop tested for extreme durability

Tether Capable

Can be used as a tether loop attachment point when working at height or as a pivot for scribing arcs

Blade Barrier Coating

3X the blade life on the first 6"

Wider, Thicker Blade

Two-sided with 2X larger print and vertical markings on back

Nested Diamond-Coated Endhook

Features 360° grasping power and nests flush with tape case for ultimate durability

New Improved Belt Clip

Features an integrated lever that opens the clip slightly for easier attachment and release



SHOCKFORCE NITE EYE™ G2 TAPES

- Thicker protective blade coating in addition to an extra protective barrier on the first 6" provide increased tape durability
- Wider, thicker blade provides 17' of reach
- Matte black finish with green markings provide improved legibility in varied lighting conditions
- Improved diamond coated end hook protects the entire front of the tape and prevents the tape from snagging and tearing
- Bolstered case design provides protection against drops from extreme heights
- Redesigned belt clip makes it easier to place the tape on a pocket, belt or bag
- Enlarged numbers and increments make reading tapes easier
- Dual-sided blade printed with vertical quick read scale on underside for overhead and hard-to-reach measurements
- Steel tether point offers increased safety capability when working at height
- Tether point can also be used for scribing and drawing arcs during layout



Cat. No.	Blade Width	Blade Length	Blade Style	Magnetic
L1216B-02	1-1/4 in	16 ft	A32	No
L1216CMEB-02	1-1/4 in	16 ft, 5 m	A27	No
L1225B-02	1-1/4 in	25 ft	A32	No
L1225CMEB-02	1-1/4 in	26 ft, 8 m	A27	No
L1235B-02	1-1/4 in	35 ft	A32	No
L1235CMEB-02	1-1/4 in	33 ft, 10 m	A27	No

2 PC. SHOCKFORCE NITE EYE™ G2 25' TAPE MEASURE PACK

Cat. No.	Product Weight
L1225BSET2V-02	2.750 lb

Cat. No.	Description	Qty.
L1225B-02	1-1/4" x 25' Shockforce Nite Eye™ G2 Tape Measure	2



SHOCKFORCE NITE EYE™ G2 AUTO-LOCK TAPES

- Auto-lock design automatically locks the user's blade in place for quick and efficient measuring



Cat. No.	Blade Width	Blade Length	Blade Style	Magnetic
L1225BAL-02	1-1/4 in	25 ft	A32	No
L1225ALCMEB-02	1-1/4 in	26 ft, 8 m	A27	No

SHOCKFORCE NITE EYE™ G2 MAGNETIC TAPES

- Magnetic end hook improves both horizontal and lateral grasp on any metal surface, ideal for one person measurements



Cat. No.	Blade Width	Blade Length	Blade Style	Magnetic
LM1216B-02	1-1/4 in	16 ft	A32	Yes
LM1225B-02	1-1/4 in	25 ft	A32	Yes
LM1225CMEB-02	1-1/4 in	26 ft, 8 m	A27	Yes
LM1235B-02	1-1/4 in	35 ft	A32	Yes
LM1235CMEB-02	1-1/4 in	33 ft, 10 m	A27	Yes

SHOCKFORCE™ G2 TAPE MEASURES

- Thicker protective blade coating in addition to a mylar coating on the first 6" provide increased tape durability
- Wider, thicker blade provides 17' of reach
- Improved diamond coated end hook protects the entire front of the tape and prevents the tape from snagging and tearing
- Bolstered case design provides protection against drops from extreme heights
- Redesigned belt clip makes it easier to place the tape on a pocket, belt or bag
- Enlarged numbers and increments make reading tapes easier
- Dual-sided blade printed with vertical quick read scale on underside for overhead and hard-to-reach measurements
- Steel tether point offers increased safety capability when working at height
- Tether point can also be used for scribing and drawing arcs during layout



Cat. No.	Blade Width	Blade Length	Blade Style	Magnetic
L1216-02	1-1/4 in	16 ft	A31	No
L1216CME-02	1-1/4 in	16 ft, 5 m	A25	No

—|—
Tough gets the job done.
Smart gets the job done right.
—|—

Cat. No.	Blade Width	Blade Length	Blade Style	Magnetic
L1225-02	1-1/4 in	25 ft	A31	No
L1225CME-02	1-1/4 in	26 ft, 8 m	A25	No
L1235-02	1-1/4 in	35 ft	A31	No
L1235CME-02	1-1/4 in	33 ft, 10 m	A25	No

SHOCKFORCE™ G2 AUTO-LOCK TAPES

- Auto-lock design automatically locks the user's blade in place for quick and efficient measuring



Cat. No.	Blade Width	Blade Length	Blade Style	Magnetic
L1225AL-02	1-1/4 in	25 ft	A31	No
L1225ALCME-02	1-1/4 in	26 ft, 8 m	A25	No

SHOCKFORCE™ G2 MAGNETIC TAPES

- Magnetic end hook improves both horizontal and lateral grasp on any metal surface, ideal for one person measurements



Cat. No.	Blade Width	Blade Length	Blade Style	Magnetic
LM1216-02	1-1/4 in	16 ft	A31	Yes
LM1225-02	1-1/4 in	25 ft	A31	Yes
LM1225CME-02	1-1/4 in	26 ft, 8 m	A25	Yes
LM1235-02	1-1/4 in	35 ft	A31	Yes
LM1235CME-02	1-1/4 in	33 ft, 10 m	A25	Yes

SHOCKFORCE NITE EYE™ G1 TAPE MEASURES

- Matte black nylon-coated blade provides extended product life and improved legibility in varied light conditions
- Narrow blade technology offers reduced weight when carrying a tape all day on the job site
- Optimized drum and spring design provides a compact case that fits comfortably in the palm of your hand
- Drop tested from 100 feet
- Dual-sided blade printed with vertical quick read scale on underside for overhead and hard-to-reach measurements
- Provides 15' of reach
- Steel tether point offers increased safety capability when working at height
- Tether point can also be used for scribing and drawing arcs during layout



Cat. No.	Blade Width	Blade Length	Blade Style	Magnetic
L1116B-02	1-3/16 in	16 ft	A26	No
L1116CMEB-02	30 mm, 1-3/16 in	5 m, 16 ft	A27	No
L1125B-02	1-3/16 in	25 ft	A26	No
L1125CMEB-02	30 mm, 1-3/16 in	8 m, 26 ft	A27	No
L1135B-02	1-3/16 in	35 ft	A26	No

SHOCKFORCE™ G1 TAPE MEASURES

- Matte nylon-coated blade provides extended product life and glare reduction
- Narrow blade technology offers reduced weight when carrying a tape all day on the job site
- Optimized drum and spring design provides a compact case that fits comfortably in the palm of your hand
- Drop tested from 100 feet
- Dual-sided blade printed with vertical quick read scale on underside for overhead and hard-to-reach measurements
- Provides 15' of reach
- Steel tether point offers increased safety capability when working at height
- Tether point can also be used for scribing and drawing arcs during layout



Cat. No.	Blade Width	Blade Length	Blade Style	Magnetic	Product Weight
L1116-02	1-3/16 in	16 ft	A24	No	0.930 lb
L1116CME-02	30 mm, 1-3/16 in	5 m, 16 ft	A25	No	0.930 lb
L1125-02	1-3/16 in	25 ft	A24	No	1.21 lb
L1125CME-02	30 mm, 1-3/16 in	8 m, 26 ft	A25	No	1.21 lb
L1135-02	1-3/16 in	35 ft	A24	No	1.56 lb
L1135CME-02	30 mm, 1-3/16 in	10 m, 33 ft	A25	No	1.56 lb

SHOCKFORCE NITE EYE™ TAPE MEASURE KEYCHAIN

- Innovative blade synonymous with Crescent Nite Eye family
- 8' matte black blade with green markings for increased legibility
- 360° mini endhook with wide base makes grabbing surfaces easier
- Full loop keychain for securing tape



Cat. No.	Blade Width	Blade Length	Magnetic	Product Weight
L1108B	1/2 in	8 ft	No	0.135 lb

CONTROL SERIES™ TAPE MEASURES

- Anti-pinch, finger tip control feature for increased control when retracting the tape
- Protected lock button and 6-point dual material case for increased durability
- Matte clear protective blade coating for better visibility and durability of the blade
- 360-degree end hook and 14-foot reach make one-person use easier
- Tether hole for safely working at heights



Cat. No.	Blade Width	Blade Length	Blade Style	Magnetic	Product Weight
L1016C-02	1-3/16 in	16 ft	A5	No	0.940 lb
L1025C-02	1-3/16 in	25 ft	A5	No	1.280 lb
L1025CB-02	1-3/16 in	25 ft	A5	No	1.280 lb
L1025CD-02	1-3/16 in	25 ft	A4	No	1.280 lb
LM1025C-02	1.1875 in	25 ft	A5	Yes	1.280 lb
L1025CME-02	30 mm, 1-3/16 in	8 m, 26 ft	A28	No	1.280 lb
L1030C-02	1-3/16 in	30 ft	A5	No	1.600 lb
L1035C-02	1-3/16 in	35 ft	A5	No	1.700 lb
L1035CME-02	30 mm, 1-3/16 in	10 m, 33 ft	A28	No	1.700 lb

LEGACY TAPE MEASURES

- Compact case ergonomics provide increased comfort and improved fit in hand
- Matte finish, nylon coated blade for glare reduction and extra blade protection
- Extra large blade graphics improve legibility
- Flatter blade for easier marking
- Blade graduated in 32nds for first 12 inches
- 10 feet of blade reach



Cat. No.	Blade Width	Blade Length	Blade Style	Magnetic	Product Weight
L912-02	1/2 in	12 ft	A29	No	0.705 lb
L916-02	1 in	16 ft	A29	No	0.970 lb

(continued on next page)

LEGACY TAPE MEASURES *(continued from previous page)*

Cat. No.	Blade Width	Blade Length	Blade Style	Magnetic	Product Weight
L925-02	1-1/8 in	25 ft	A29	No	1.400 lb
L935-02	1-1/8 in	35 ft	A29	No	1.720 lb
L916CME-02	1 in	5 m, 16 ft	A30	No	0.620 lb
L925CME-02	1-1/8 in	8 m, 26 ft	A30	No	0.910 lb

700 SERIES AUTO-LOCK TAPE MEASURES

- Tape stays locked when pulled out until the user depresses the release button for retraction
- Ideal for layout and trim work
- Vertical quick read scale on blade
- Case designed to fit comfortably in your hand
- Distinct Crescent rawhide orange case with overmold strip helps identify tape on crowded jobsite



Cat. No.	Blade Width	Blade Length	Blade Style	Magnetic	Product Weight
AL725N	1 in	25 ft	A3	No	0.860 lb
AL725MAGN	1 in	25 ft	A3	Yes	0.880 lb
AL748CMEN	25 mm, 1 in	8 m, 26 ft	A12	No	0.900 lb

700 SERIES MAGNETIC END HOOK TAPE MEASURES

- Use for one-man measurements of steel framing and drop ceiling grids
- Magnetic end hook for grasping metal surfaces
- Powerful dual magnets can also serve as a pick-up tool
- Protective overmold layer improves case strength when dropped
- Distinct Crescent rawhide orange case with overmold strip helps identify tape on crowded jobsite



Cat. No.	Blade Width	Blade Length	Blade Style	Magnetic	Product Weight
L725MAG	1 in	25 ft	A5	Yes	0.80 lb
L748MAG	25 mm, 1 in	8 m, 26 ft	A13	Yes	0.80 lb

L600 POWER TAPES

- High visibility case and name tag for easy identification on the jobsite
- Smooth action lock button is easily accessible to the user
- High legibility markings making the blade easy to read
- Integrated nail slot for solo measurements
- Tether slot for working at heights



Cat. No.	Blade Width	Blade Length	Blade Style	Magnetic	Product Weight
L610-02	1/2 in	10 ft	A5	No	0.235 lb
L616-02	3/4 in	16 ft	A5	No	0.470 lb
L625-02	1 in	25 ft	A5	No	0.815 lb
L610CME-02	1/2 in	10 ft	A12	No	0.200 lb
L616CME-02	3/4 in	16 ft	A12	No	0.465 lb
L625CME-02	1 in	25 ft	A12	No	0.855 lb

L600 SELF CENTERING POWER TAPE

- Self centering blade shows the midpoint of any measurement



Cat. No.	Blade Width	Blade Length	Blade Style	Magnetic	Product Weight
L625SC-02	1 in	25 ft	A23	No	0.890 lb

QUICKREAD® TAPE MEASURES

- Ergonomic case design for better fit in-hand during measuring
- Overmold case protects the tape from impact and makes it easier to grip
- Toggle lock positioned on top of the tape doesn't require sliding to lock
- Graduations printed in fractions and decimal equivalents, then vertically oriented for quicker measurement reading



Cat. No.	Blade Width	Blade Length	Blade Style	Magnetic	Product Weight
PQR1312N	3/4 in	12 ft	A3	No	0.60 lb
PQR1316N	3/4 in	16 ft	A3	No	0.62 lb
PQR1425N	1 in	25 ft	A3	No	1.07 lb

PHV SERIES TAPE MEASURES

- Ergonomic case design for better fit in-hand during measuring
- Overmold case protects the tape from impact and makes it easier to grip
- Toggle lock positioned on top of the tape doesn't require sliding to lock
- Reinforced quad-rivet end hook prevents end hook from ripping off of blade



Cat. No.	Blade Width	Blade Length	Blade Style	Magnetic	Product Weight
PHV1023CMEN	13 mm, 1/2 in	3 m, 10 ft	A20	No	0.29 lb
PHV1023CMN	13 mm, 1/2 in	3 m, 10 ft	A9	No	0.29 lb
PHV1034DMN	19 mm, 3/4 in	3.7 m, 12 ft	A19	No	0.60 lb
PHV1035CMEN	19 mm, 3/4 in	5 m, 16 ft	A20	No	0.62 lb
PHV1035CMN	19 mm, 3/4 in	5 m, 16 ft	A9	No	0.62 lb
PHV1048CMEN	25 mm, 1 in	8 m, 26 ft	A20	No	1.07 lb
PHV1048CMN	25 mm, 1 in	8 m, 26 ft	A9	No	1.07 lb
PHV1312DN	3/4 in	12 ft	A4	No	0.60 lb
PHV1312N	3/4 in	12 ft	A2	No	0.60 lb
PHV1316N	3/4 in	16 ft	A2	No	0.62 lb
PHV1410CMEN	25 mm, 1 in	10 m, 33 ft	A20	No	1.34 lb
PHV1425DN	1 in	25 ft	A4	No	1.07 lb
PHV1425N	1 in	25 ft	A5	No	1.07 lb
PHV1433N	1 in	33 ft	A5	No	1.34 lb

P SERIES TAPE MEASURES

- Ergonomic case design for better fit in-hand during measuring
- Toggle lock positioned on top of the tape doesn't require sliding to lock
- Multi-riveted end hook for added durability
- Compact chrome-finished case



Cat. No.	Blade Width	Blade Length	Blade Style	Magnetic	Product Weight
P2212XN	1/2 in	12 ft	A7	No	0.32 lb
P2210MEXN	13 mm, 1/2 in	3 m, 10 ft	A22	No	0.29 lb
P2133DN	1 in	33 ft	A4	No	1.72 lb

TAPE MEASURE KEYCHAINS

- Compact case fits easily in bags or pockets
- Integrated D-ring with keychain attachment for carrying or storing convenience
- Protective clear coat over the blade and markings extends the life of this tape
- Blade graduations printed in inches and 1/8ths
- Extra wide end hook stays in place better for easier marking
- Over 3 feet of blade standout



Cat. No.	Blade Width	Blade Length	Blade Style	Magnetic	Product Weight
CS8506	1/2	6 ft	A5	No	0.135 lb
CS8506MP	1/2 in	6 ft	A5	No	0.140 lb

MEZURALL™

- Square case design lets you include the case in the measurement for easy inside measures
- Compact chrome-finished case
- Dual rivet end hook for added durability
- Metal belt clip for easily attaching to belt or pants pocket



Cat. No.	Case Color	Blade Width	Blade Length	Blade Style	Product Weight
W928	Chrome	1/2 in	8 ft	A1	0.20 lb
W9210	Chrome	1/2 in	10 ft	A1	0.30 lb
W9212	Chrome	1/2 in	12 ft	A1	0.26 lb
W9210ME	Chrome	13 mm, 1/2 in	3 m, 10 ft	A10	0.24 lb
W9312	Chrome	3/4 in	12 ft	A2	0.40 lb
W9312D	Chrome	3/4 in	12 ft	A4	0.38 lb
Y8210	Black	1/2 in	10 ft	A1	0.20 lb
Y8212	Black	1/2 in	12 ft	A1	0.24 lb

MEZURALL™ CHROME CLAD®

- Chrome plated case
- Ideal for industrial use
- Hard chrome plated blade is tough and accurate
- 1/2" X 12' Chrome Clad® blade



Cat. No.	Case Color	Blade Width	Blade Length	Blade Style	Product Weight
C9212X	Chrome	1/2 in	12 ft	A6	0.30 lb
C9212	Chrome	1/2 in	12 ft	A8	0.30 lb

PEE WEE™

- Pocket size ideal for office or home
- High strength case
- Yellow clad blade
- 1/4"/6mm wide blade is flexible; bold graduations on yellow background



Cat. No.	Case Color	Blade Width	Blade Length	Blade Style	Product Weight
W616	Black	1/4 in	6 ft	A13	0.10 lb
W6110	Black	1/4 in	10 ft	A13	0.12 lb
Y613ME	Black	6 mm, 1/4 in	3 m, 10 ft	A14	0.05 kg
W616B0	Orange	1/4 in	6 ft	A13	0.00 lb

EXECUTIVE® THINLINE

- Convenient for office, briefcase, or pocket
- Easy-to-read blade
- Power retraction



Cat. No.	Case Color	Blade Width	Blade Length	Blade Style	Product Weight
W606	Chrome	1/4 in	6 ft	A13	0.09 lb
W608	Chrome	1/4 in	8 ft	A13	0.10 lb
W606ME	Chrome	6 mm, 1/4 in	2 m, 6 ft	A14	0.09 lb

ARCHITECT'S POCKET SCALE

- Yellow clad blade
- 1/4"/6mm yellow steel blade has jet black markings
- Automatic blade return



Cat. No.	Case Color	Blade Width	Blade Length	Blade Style	Product Weight
W393	Chrome	1/4 in	5 ft	A18	0.20 lb

—|—
Tough gets the job done.
Smart gets the job done right.
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EXECUTIVE® DIAMETER TAPES

- Durable metal case
- Compact size for easy storage and transport
- Designed for measuring diameters
- Double sided blade print - simply turn the blade over for a conversion from diameter to circumference
- Easy-to-read bold graduations



Cat. No.	Blade Width	Blade Length	Blade Style	Product Weight
W606P	1/4 in	6 ft	A15	0.065 lb
W606PD	1/4 in	6 ft	A16	0.085 lb
W606PM	1/4 in	6 ft	A17	0.090 lb

PROFESSIONAL MEASURING WHEELS

- Gear-based counter drive is more accurate and durable than the traditional belt drive
- Bolstered folding joint allows for compact storage and longer product life
- Glare-resistant counter display is easy to read
- Pistol grip handle for increased user comfort
- Aggressive treaded wheel for improved traction
- Built in kickstand supports wheel for simple measurement recording



Cat. No.	Extended Length	Wheel Diameter	Graduation	Maximum Distance	Product Weight
PSMW48N	23.6 in	12 in	Feet and Inches	9999 ft 11 in	2.915 lb
PSMW48NM	23.6 in	12 in	Meters	9999 m	2.915 lb

PROFESSIONAL CENTERLINE MEASURING WHEELS

- Centerline wheel for increased balance and more accurate measurements
- Gear-based counter drive is more accurate and durable than the traditional belt drive
- Bolstered folding joint allows for compact storage and longer product life
- Heavy-duty wheel wiper prevents debris buildup
- Glare-resistant counter display is easy to read
- Analog counter dial resets at 10,000 ft.
- Ergonomic pistol grip handle
- Built in kickstand supports wheel for simple measurement recording



Cat. No.	Extended Length	Wheel Diameter	Graduation	Maximum Distance	Product Weight
PSMW18N	20.7 in	4 in	Feet and Inches	9999 ft 11 in	1.240 lb
PSMW48CL	38.5 in	12 in	Feet and Inches	9999 ft 11 in	4.01

COMPACT DUAL MEASURING WHEELS

- Dual wheel design for increased balance and more accurate measurements
- Gear-based counter drive is more accurate and durable than the traditional belt drive
- Telescoping handle allows for compact storage
- Glare-resistant counter display is easy to read
- Analog counter dial resets at 10,000 ft.
- Built in kickstand supports wheel for simple measurement recording



Cat. No.	Extended Length	Wheel Diameter	Graduation	Maximum Distance	Product Weight
PSMW28CL	43 in	4 in	Feet and Inches	9999 ft 11 in	1.32

OPEN REEL FIBERGLASS TAPE MEASURES

- Open four-arm frame design protects the blade and does not trap dirt in the case
- Lightweight case for easy handling and transport
- Dual-material grip elevated above the reel prevents contact between reel and knuckles
- Versatile folding end hook for use in multiple applications
- Rewind reel tucks away for protection during storage



Cat. No.	Case Color	Blade Width	Blade Length	Blade Style	Product Weight
FE050D	Rawhide	1/2 in	50 ft	C2	1.38 lb
FE050	Rawhide	1/2 in	50 ft	C1	1.38 lb
FE100	Rawhide	1/2 in	100 ft	C1	1.65 lb
FE100D	Rawhide	1/2 in	100 ft	C2	1.65 lb
FE150	Rawhide	1/2 in	150 ft	C1	1.82 lb
FE150D	Rawhide	1/2 in	150 ft	C2	1.82 lb
FE200	Rawhide	1/2 in	200 ft	C1	2.00 lb
FE200D	Rawhide	1/2 in	200 ft	C2	2.00 lb
FE300	Rawhide	1/2 in	300 ft	C1	2.80 lb
FE300D	Rawhide	1/2 in	300 ft	C2	3.00 lb
FM030CME	Rawhide	13 mm, 1/2 in	30 m, 100 ft	C4	1.47 kg
FM030DM	Rawhide	13 mm, 1/2 in	30 m, 100 ft	C7	1.58 lb
FM030CM	Rawhide	13 mm, 1/2 in	30 m, 100 ft	C3	1.56 lb
FM050CME	Rawhide	13 mm, 1/2 in	50 m, 164 ft	C4	1.75 lb
FM050CM	Rawhide	13 mm, 1/2 in	50 m, 164 ft	C3	1.75 lb
FM060CME	Rawhide	13 mm, 1/2 in	60 m, 200 ft	C4	0.91 kg
FM100CME	Rawhide	13 mm, 1/2 in	100 m, 328 ft	C4	0.72 kg

PRO SERIES NY-CLAD® STEEL TAPES

- Fast 3-to-1 blade retraction saves time in the field
- Durable nylon coating on blade resists wear under extreme conditions
- Steel blade will not stretch under normal use



Cat. No.	Case Color	Blade Width	Blade Length	Blade Style	Product Weight
PS1806N	Orange	1/2 in	100 ft	E4	2.02 lb
PS1806DN	Orange	1/2 in	100 ft	E5	1.98 lb
PS1808N	Orange	1/2 in	200 ft	E4	3.04 lb
PS1808DN	Orange	1/2 in	200 ft	E5	3.14 lb
PS1809DN	Orange	1/2 in	300 ft	E5	4.11 lb

3-TO-1 REWIND OPEN REEL FIBERGLASS TAPE MEASURE

- Open frame design helps reduce weight and protects blade for durability
- Positioning spike is designed to show measurement starting points
- End-hook teeth bite into wood to resist loosening
- Great for measuring distances and lengths up to 100 ft.
- Compact rewind handle is designed to not hit your knuckles
- Large handle opening allows for easy work with gloves



Cat. No.	Blade Width	Blade Length	Blade Style
L1706N	1/2 in	100 ft	C11

CLOSED REEL FIBERGLASS TAPE MEASURES

- Lightweight high impact ABS winding drum for smooth tape recovery
- Non-conductive easy-to-read black and red markings on a yellow background
- Durable 1/2"-wide fiberglass tape with protective coating



Cat. No.	Case Color	Blade Width	Blade Length	Blade Style	Product Weight
T703	Rawhide	1/2 in	50 ft	C1	0.90 lb
703D	Rawhide	1/2 in	50 ft	C2	0.80 lb
706L	Rawhide	1/2 in	100 ft	C1	1.20 lb
706D	Rawhide	1/2 in	100 ft	C2	1.30 lb

HI LINE® TAPES

- Rugged, vinyl-covered steel case
- Synthetic fiber blade is non-conductive
- Ring attached on end



Cat. No.	Case Color	Blade Width	Blade Length	Blade Style	Product Weight
HD403N	Black	5/8 in	50 ft	C5	1.00 lb
HD406N	Black	5/8 in	100 ft	C5	1.40 lb

STEEL CONSTRUCTION LONG TAPES

- 3:1 rotating hub for fast rewind with a seated handle for protecting the crank assembly during storage
- Extra wide, dual sided end hook increases grasping surface area; dual prong systems folds up or down allowing user to utilize both sides of the blade
- Two sided blade provides more versatility for a variety of measuring requirements; designed to work with dual sided end hook
- Anti-knuckle busting handle includes a built in stop allowing crank to travel above users fingers during retraction
- Ergonomic case optimizes the compact shape with user comfort while holding the case in hand



Cat. No.	Case Color	Blade Width	Blade Length	Product Weight
ST50-07	Rawhide & Black	3/8 in	50 ft	0.540 lb
ST100-07	Rawhide & Black	3/8 in	100 ft	1.100 lb

NITE EYE™ STEEL CONSTRUCTION LONG TAPE

- Matte black finish with green markings provide improved legibility in varied lighting conditions



Cat. No.	Case Color	Blade Width	Blade Length	Product Weight
ST100B-07	Black	3/8 in	100 ft	1.100 lb

SPEEDWINDER®

- Impact-resistant, self-standing case
- Extends and rewinds in less time than conventional long steel tapes
- Heavy-duty yellow clad blade protected by an abrasion resistant coating
- Easy-to-read bold black markings



Cat. No.	Case Color	Blade Width	Blade Length	Blade Style	Product Weight
HYT50	Rawhide	3/8 in	50 ft	B1	0.85 lb
HYT100	Rawhide	3/8 in	100 ft	B1	1.50 lb
HYT100D	Rawhide	3/8 in	100 ft	B5	1.50 lb
HYT50CME	Rawhide	10 mm, 3/8 in	50 m, 164 ft	B14	1.50 lb

ANCHOR®

- Rugged, vinyl-covered steel case
- Large easy-action winding drum and friction washers
- Nylon roller guides the tape smoothly in and out of case
- Chrome Clad® blade



Cat. No.	Case Color	Blade Width	Blade Length	Blade Style	Product Weight
C213CN	Brown	3/8 in	50 ft	B3	0.93 lb
C213CXN	Brown	3/8 in	50 ft	B4	1.00 lb
C213DN	Brown	3/8 in	50 ft	B5	0.90 lb
TC213N	Brown	3/8 in	50 ft	B7	1.00 lb
C21616THBLKN	Brown	3/8 in	100 ft	B2	1.60 lb

LEADER®

- Rugged, vinyl-covered steel case
- Large easy action winding drum and friction washers
- Nylon roller guides the tape smoothly in and out of case
- Chrome Clad® blade
- Folding end hook ring



Cat. No.	Case Color	Blade Width	Blade Length	Blade Style	Product Weight
HC253N	Black	3/8 in	50 ft	B7	1.00 lb
HC256N	Black	3/8 in	100 ft	B7	1.70 lb

CHALLENGE™

- Rugged, vinyl-covered steel case
- Easy action winding drum and friction washers
- Nylon rollers guide the tape smoothly in and out of case
- Chrome Clad® blade



Cat. No.	Case Color	Blade Width	Blade Length	Blade Style	Product Weight
261PTHN	Brown	3/8 in	33 ft	B11	0.70 lb
263PN	Brown	3/8 in	50 ft	B11	0.80 lb

BANNER®

- Rugged, vinyl-covered steel case
- Large easy action winding drum and friction washers
- Nylon rollers guide the tape smoothly in and out of case
- Yellow clad tape; 3/8"/10mm wide and .008"/0.2mm thick
- Bold graduations with black and red numbers for accurate measuring
- Folding end hook ring



Cat. No.	Case Color	Blade Width	Blade Length	Blade Style	Product Weight
HW223	Brown	3/8 in	50 ft	B1	1.00 lb
HW223D	Brown	3/8 in	50 ft	B5	0.90 lb
HW226	Brown	3/8 in	100 ft	B1	1.60 lb
HW226D	Brown	3/8 in	100 ft	B5	1.60 lb
HW223ME	Brown	10 mm, 3/8 in	15 m, 50 ft	B9	0.90 lb
HW226ME	Brown	10 mm, 3/8 in	30 m, 100 ft	B9	1.60 lb

ARTISAN® DIAMETER AND TREE TAPES

- Rugged, vinyl-covered steel case
- Chrome Clad® and Nubian® blade
- Ergonomic easy-winding drum with nylon rollers to guide the tape smoothly in and out of case



Cat. No.	Case Color	Blade Width	Blade Length	Blade Style	Product Weight
120TPN	Brown	3/8 in	20 ft	B10	0.610 lb
C120TPN	Brown	3/8 in	20 ft	B10	0.550 lb
120PN	Brown	3/8 in	20 ft	B12	0.470 lb
C106PMN	Brown	10 mm, 3/8 in	6.5 m, 21 ft	B15	0.505 lb
C106TPMN	Brown	10 mm, 3/8 in	6.5 m, 21 ft	B15	0.550 lb

HOME SHOP

- Rugged, vinyl-covered steel case
- Large easy action winding drum with friction washers
- Yellow clad blade
- .005" thick blade
- Folding end hook ring



Cat. No.	Case Color	Blade Width	Blade Length	Blade Style	Product Weight
HW50	Brown	3/8 in	50 ft	B1	0.70 lb

DERRICK

- Extra large winding drum provides rapid line recovery
- Chrome Clad[®] blade
- Nominal blade thickness 0.019"
- Special hook ring with ribbed face at zero
- Leather tether strap is provided to use through eye at base of handle



Cat. No.	Blade Width	Blade Length	Blade Style	Product Weight
C2276DN	1/4 in	100 ft	E1	2.90 lb
CD2750MMEN	6 mm, 1/4 in	50 m, 164 ft	E13	3.60 lb
CD2730DMMN	6 mm, 1/4 in	30 m, 100 ft	E12	2.75 lb
C2276MEN	6 mm, 1/4 in	30 m, 100 ft	E2	3.00 lb

CHROME CLAD[®]

- Reel is nickel plated, 4-arm, with rollers in each arm for smooth winding
- Long, easy-action winding handle locks line in any position
- 3/8"/10mm wide and 0.008" thick
- Reel available separately



Cat. No.	Blade Width	Blade Length	Blade Style	Product Weight
C1288BLKN	3/8 in	200 ft	E3	3.19 lb

PEERLESS

- Designed for engineers and surveyors who prefer a 4-arm reel
- Reel is nickel plated, 4-arm, with rollers in each arm for smooth winding
- Open design construction aids in drying line and clearing out dirt
- Long, easy-action winding handle locks line in any position
- Chrome Clad® and yellow clad blade
- Blade 1/4"/6mm wide and 0.016"/0.4mm thick
- Pair of 580 finger rings and a 579 engineer's conversion rule are furnished with tape or replacement line
- Reel available separately



Cat. No.	Blade Width	Blade Length	Blade Style	Product Weight
C1276N	1/4 in	100 ft	E3	2.40 lb
C1276DN	1/4 in	100 ft	E1	2.40 lb
Y1276DN	1/4 in	100 ft	E1	2.10 lb
C1278N	1/4 in	200 ft	E3	3.70 lb
C1278DN	1/4 in	200 ft	E1	3.70 lb



A1 YELLOW CLAD

- Black and red markings one side only
- Graduated feet and inches to 1/16ths top edge
- Graduated inches to 1/16ths bottom edge, first 12" to 1/32nds
- Instantaneous foot readings
- Stud marks every 16"



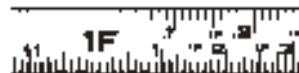
A2 YELLOW CLAD

- Black and red markings one side only
- Graduated feet and inches to 1/16ths top edge
- Graduated inches to 1/16ths bottom edge, first 12" to 1/32nds
- Instantaneous foot readings
- Stud marks every 16"



A3 YELLOW CLAD

- Graduated feet and inches to 1/16ths top and bottom edge
- Vertical numbering
- Fractional and decimal equivalent marking
- Stud marks every 16"



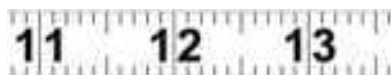
A4 YELLOW CLAD

- Graduated feet, 1/10ths and 1/100ths top edge; feet, inches and 1/16ths on bottom edge
- Instantaneous foot readings
- Stud marks every 16"



A5 YELLOW CLAD AND BLACK

- Black and red markings one side only
- Consecutive inches to 16ths
- Stud marks every 16", Truss marks every 19.2"
- Instantaneous foot readings



A6 CHROME CLAD®

- Chrome Clad® blade
- Black markings one side only
- Graduated to 1/10ths of inches on both edges



A7 YELLOW CLAD

- Black markings one side only
- Graduated to 1/10ths of inches on both edges
- First 6" on bottom edge graduated to 1/50ths



A8 CHROME CLAD®

- Chrome Clad® blade
- Black markings one side only
- Graduated consecutive inches and 1/16ths on top and bottom edges



A9 YELLOW CLAD

- Black and red markings one side only
- Both edges graduated to millimeters; numbered consecutive centimeters with larger red numbers at each decimeter



A10 YELLOW CLAD

- Black and red markings one side only
- Top edge graduated and numbered inches
- Bottom edge to millimeters, numbered consecutive millimeters with red number at each decimeter



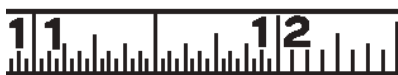
A11 YELLOW CLAD

- Black and red markings one side only
- Top edge graduated and numbered inches (no stud centers)
- Bottom edge graduated in millimeters, numbered consecutive millimeters with red number at each decimeter
- Stud marks every 16" and 40cm



A12 YELLOW CLAD

- Black and red markings one side only
- Top edge to 1/16ths, continuous inches; feet and decimeters marked in red
- Bottom edge graduated to millimeters, numbered consecutive centimeters



A13 YELLOW CLAD

- Black markings one side only
- Consecutive inches to 1/16ths bottom edge, first 12" to 1/32nds
- Stud marks every 16" and 40cm



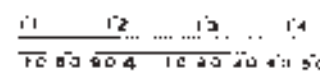
A14 YELLOW CLAD

- Black markings one side only
- Top edge graduated in inches to 1/16ths
- Bottom edge graduated in millimeters, numbered in centimeters; 1 to 9 in each decimeter



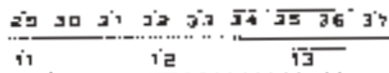
A15 YELLOW CLAD

- Black markings both sides
- Consecutive inches to 1/16ths, first 12" to 1/32nds on side 1
- Diameter inches to 1/64ths side 2; blank space ahead of zero



A16 YELLOW CLAD

- Markings both sides
- Consecutive inches to 1/16ths, first 12" to 1/32nds on side 1
- Diameter inches to 1/100ths side 2; blank space ahead of zero



A17 YELLOW CLAD

- Markings both sides
- Consecutive centimeters to millimeters on side 1
- Diameter to millimeters side 2, numbered in centimeters



A19 YELLOW CLAD

- Black and red markings one side only
- Graduated millimeters on top edge and feet
- 1/10ths and 1/100ths on bottom edge



A21 YELLOW CLAD

- Black and red markings one side only
- Graduated in feet, 1/10ths and 1/100ths of feet, numbered in feet and 10ths of feet



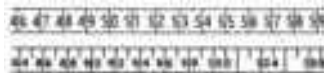
A23 YELLOW CLAD

- Black and red markings one side only
- Top edge graduated to 1/16ths, and numbered in consecutive inches and fractional equivalents to 1/8ths.
- Bottom edge with red print numbered at the mid-point of the measurement on the top edge



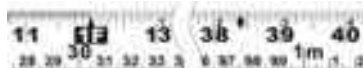
A25 YELLOW CLAD

- Two sided, extra-large black and red markings
- English top edge to 1/16ths; metric bottom edge graduated to millimeters, numbered consecutive centimeters
- Stud marks every 16" (40cm), Truss marks every 19.2"
- Instantaneous foot readings



A18 YELLOW CLAD

- Black markings both sides
- One side marked 1/4th scale (1 to 240), other side has 1/8th scale (1 - 480)



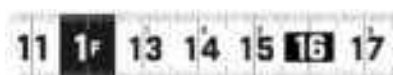
A20 YELLOW CLAD

- Markings one side only
- English top edge to 1/16ths, first 12" to 1/32nds, (continuous inches plus consecutive inch marks within each foot from 1' mark)
- Truss marks every 19.2"
- Metric bottom edge graduated to millimeters, numbered consecutive centimeters



A22 YELLOW CLAD

- Black and red markings one side only
- Top edge numbered every 10 millimeters with red print for every 100cm increment and graduations every millimeter
- Bottom edge numbered in consecutive inches graduated in 1/10ths of an inch with first 12" graduated to 1/50ths and numbered in 10ths



A24 YELLOW CLAD

- Two sided, extra-large black and red markings
- Contrasting Color blocks extending from 1/2" prior to each foot mark to 1/2" after each foot mark
- Consecutive inches to 16ths
- Stud marks every 16", Truss marks every 19.2"
- Instantaneous foot readings



A26 BLACK BLADE

- Two sided, extra-large, contrasting green markings on black blade
- Contrasting Color blocks extending from 1/2" prior to each foot mark to 1/2" after each foot mark
- Consecutive inches to 16ths
- Stud marks every 16", Truss marks every 19.2"
- Instantaneous foot readings



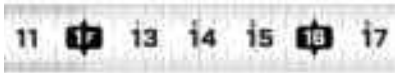
A27 BLACK BLADE

- Two sided, extra-large, contrasting green markings on black blade
- English top edge to 1/16ths; metric bottom edge graduated to millimeters, numbered consecutive centimeters
- Stud marks every 16" [40cm], Truss marks every 19.2"
- Instantaneous foot readings



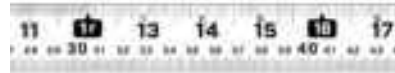
A28 YELLOW CLAD

- Single side, extra-large black and red markings
- English top edge to 1/16ths; metric bottom edge graduated to millimeters, numbered consecutive centimeters
- Stud marks every 16" [40cm], Truss marks every 19.2"
- Instantaneous foot readings



A29 YELLOW CLAD

- Black and red markings one side only
- Graduated feet and inches to 1/16ths, first 12" to 1/32nds
- Instantaneous foot readings
- Stud marks every 16", Truss marks every 19.2"



A30 YELLOW CLAD

- Black and red markings one side only
- English top edge to 1/16ths, first 12" to 1/32nds
- Bottom edge graduated to millimeters, numbered consecutive centimeters
- Stud marks every 16" [40cm], Truss marks every 19.2"
- Instantaneous foot readings



A31 YELLOW BLADE G2

- Two sided, extra-large, contrasting black and red markings
- Contrasting Color blocks extending from 1/2" prior to each foot mark to 1/2" after each foot mark
- Consecutive inches to 16ths
- Stud marks every 16", Truss marks every 19.2"
- Instantaneous foot readings



A32 BLACK BLADE G2

- Two sided, extra-large, contrasting green markings on black blade
- Contrasting Color blocks extending from 1/2" prior to each foot mark to 1/2" after each foot mark
- Consecutive inches to 16ths
- Stud marks every 16", Truss marks every 19.2"
- Instantaneous foot readings



B1 YELLOW CLAD

- 3/8" width only
- Yellow clad blade
- Black and red markings one side only
- Graduated feet and inches to 1/8ths with instantaneous readings; 16" centers indicated by a diamond



B2 CHROME CLAD®

- 3/8" width only
- Chrome Clad® blade
- Black markings one side only
- Graduated feet and inches to 1/16ths with instantaneous readings



B3 CHROME CLAD® & NUBIAN®

- 3/8" width only
- Chrome Clad® and Nubian® blade
- Black markings one side only
- Graduated consecutive inches to 1/16ths



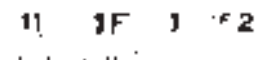
B4 CHROME CLAD®

- 3/8" width only
- Chrome Clad® blade
- Black markings one side only
- Graduated consecutive inches to 1/10ths



B5 CHROME CLAD® & YELLOW CLAD

- 3/8" width only
- Chrome Clad® and yellow clad blade
- Black markings one side only
- Graduations feet to 1/10ths and 1/100ths



B8 YELLOW CLAD

- 3/8" width only
- Yellow clad blade
- Black and red markings both sides
- Bottom side graduated millimeters, numbered in centimeters and meters
- Top side graduated feet and inches to 1/8ths with instantaneous readings; 16" centers indicated by a diamond



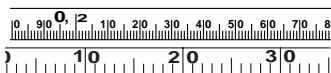
B10 CHROME CLAD® & NUBIAN®

- 3/8" width only
- Nubian® and Chrome Clad® blade
- Markings both sides
- One side graduated 1/10ths and 1/100ths of feet; other side diameter feet and 1/10ths of inches



B12 YELLOW CLAD

- 3/8" width only
- Yellow clad blade
- Black and red markings one side only
- Graduated feet and inches to 1/8ths with instantaneous readings; 16" centers indicated by a diamond



B15 CHROME CLAD® & NUBIAN®

- 3/8" width only
- Chrome Clad® and Nubian® blade
- Black markings one side only
- Graduated consecutive inches to 1/16ths



B7 CHROME CLAD® & NICKEL CLAD®

- 3/8" width only
- Chrome Clad®, nickel clad and yellow clad blade
- Black markings one side only
- Graduated feet and inches to 1/8ths with instantaneous readings; 16" centers indicated by diamond



B9 YELLOW CLAD

- 3/8"/10mm width only
- Yellow clad blade
- Black and red markings both sides
- One side graduated feet and inches to 1/8ths with instantaneous readings; other side graduated in consecutive millimeters with instantaneous meter numbers at every 100mm



B11 NUBIAN®

- 3/8" width only
- Nubian® blade
- Markings both sides
- Graduated feet, inches and 1/8ths one side; other side graduated diameter feet and inches with an extra diameter inch subdivided to 64ths left hand



B14 CHROME CLAD®

- 3/8" width only
- Chrome Clad® blade
- Black markings one side only
- Graduated feet and inches to 1/16ths with instantaneous readings



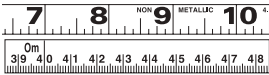
C1 YELLOW CLAD

- 1/2" width only
- Yellow clad blade
- Black and red markings one side only
- Graduated feet and inches to 1/8ths; numbered with feet and instantaneous foot markings in red and inches in black



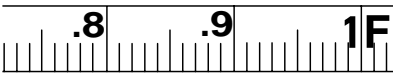
C2 YELLOW CLAD

- 1/2" width only
- Yellow clad blade
- Black and red markings one side only
- Graduated feet to 1/10ths and 1/100ths; numbered with feet in red and 1/10ths of feet in black



C4 YELLOW CLAD

- 1/2"/13mm width only
- Yellow clad blade
- Black and red markings on both sides
- Two-sided tapeline; top side in feet, inches, and 1/8ths, numbered at each foot with red instantaneous foot numbers; bottom side graduated in millimeters, numbered centimeters with red instantaneous meter number



C6 WHITE CLAD

- White clad blade
- 5/8" width
- Black and red markings one side only
- Graduated feet to 1/10ths and 1/100ths, red feet numbers and black tenths of feet numbers



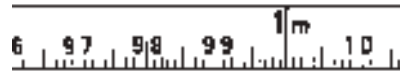
C11 YELLOW CLAD & WHITE CLAD

- 3/4" width only
- White on top, yellow on bottom
- Black and red markings both sides
- Two-sided tapeline; top side feet and inches, graduated to 8ths; bottom decimal feet



D1 CHROME CLAD® & NUBIAN®

- 1/2" width only
- Markings one side only
- Graduated instantaneous feet and inches to 1/8ths



C3 YELLOW CLAD

- 13mm width only
- Yellow clad blade
- Black and red markings one side only
- Graduated millimeters, numbered at each centimeter with red instantaneous meter number



C5 WHITE CLAD

- White clad blade
- 5/8" width
- Black and red markings one side only
- Graduated feet and inches to 1/8ths, red feet numbers and black inch numbers



C7 YELLOW CLAD

- 1/2"/13mm width only
- Yellow clad blade
- Black and red markings on both sides
- Two-sided tapeline; bottom side in metric, graduated in millimeters, numbered in centimeters, with red instantaneous meter number; top side graduated feet to 1/10ths and 1/100ths, numbered with feet in red and 10ths of feet in blade



C12 YELLOW CLAD & WHITE CLAD

- 3/4" width only
- White on top, yellow on bottom
- Black and red markings both sides
- Two-sided tapeline; top side graduated in millimeters, numbered centimeters with meters, bottom in feet and inches



D2 CHROME CLAD® & NUBIAN®

- 1/2" width only
- Markings one side only
- Graduated in feet to 1/10ths and 1/100ths of an foot; reads right to left



D3 CHROME CLAD® & NUBIAN®

- 1/2" / 13mm width only
- Markings both sides
- Graduated in millimeters on one side; other side instantaneous feet and inches to 1/8ths



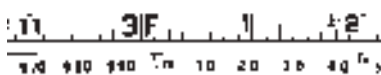
D5 NUBIAN®

- 1/2" width only
- Nubian® blade
- Markings one side only
- Graduated feet and inches to 1/8ths; instantaneous foot readings



D7 NUBIAN®

- 1/2" width only
- Nubian® blade
- Graduated in meters; numbered in millimeters



E2 CHROME CLAD®

- 1/4" / 6mm width only
- Chrome Clad® blade
- Markings on both sides
- Graduated millimeters one side
- Graduated feet, inches and 1/8ths other side



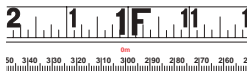
E4 NY-CLAD® YELLOW

- 1/2" width only
- Nylon-clad yellow blade
- Black and red markings one side only
- Graduated feet and inches to 1/8ths with instantaneous readings
- Numbered with feet and instantaneous foot markings in red and inches in black



D4 CHROME CLAD® & STAINLESS STEEL

- 1/2" width only
- Markings one side only
- Graduated feet and inches to 1/8ths; instantaneous foot readings



D6 CHROME CLAD®

- 1/2" / 13mm width
- Chrome Clad® blade
- Black and red markings on metric side
- Metric - graduated meters to millimeters; numbered right to left in meters and millimeters
- English side - graduated feet and inches to 1/8ths; numbered right to left



E1 CHROME CLAD® & YELLOW CLAD

- 1/4" and 3/8" widths
- Chrome Clad® and yellow clad blade
- Markings on one side only
- Graduated to feet, 1/10ths and 1/100ths with a blank space at last end



E3 CHROME CLAD® & YELLOW CLAD

- 1/4" and 3/8" widths
- Chrome Clad® blade
- Yellow clad available in 1/4" only
- Black markings one side only
- Graduated feet and inches to 1/8ths with instantaneous readings
- 16" centers indicated by a diamond symbol on 3/8" width only



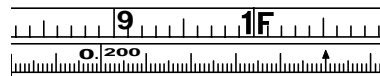
E5 NY-CLAD® YELLOW

- 1/2" width only
- Nylon-clad yellow blade
- Black and red markings one side only
- Graduated feet to 1/10ths and 1/100ths
- Numbered with feet in red and 1/10ths in black



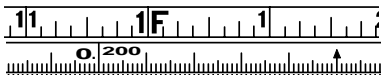
E11 CHROME CLAD®

- 6mm width
- Black and red markings one side only
- Graduated meters to millimeters
- Red meter numbers and black millimeter numbers at each decimeter



E12 CHROME CLAD®

- 1/4" width
- Black and red markings one side; black markings other side
- Graduated meters to millimeters one side
- Red meter numbers and black millimeter numbers at each decimeter
- Graduated feet to 1/10ths and 1/100ths other side
- Numbered feet and 1/10ths black markings only



E13 CHROME CLAD®

- 1/4" width
- Black and red markings both sides
- Graduated meters to millimeters one side
- Red meter numbers and black millimeter numbers at each decimeter
- Graduated feet and inches to 1/8ths other side with red feet numbers and black inch numbers

2-IN-1 EXTENDABLE LAYOUT TOOL

- 6-inch fold-out extension arm eliminates the need for carrying both a 7-inch and 12-inch square
- Quick access thumb lock releases the fold-out extension and locks it back into place after use
- Solid aluminum construction and corrosion resistant finish for durability
- Laser-etched markings for visibility and durability
- Lightweight and easy to store in your work pouch or pocket



Cat. No.	Material	Graduation	Blade Length	Contracted Length	Extended Length	Product Weight
LSSP6-07	Aluminum	1/16 in	12.5 in	6.5 in	12.52 in	0.730 lb

COMBINATION SQUARES

- Extruded square head with integrated level for increased drop durability and accuracy
- Knurled nut easily adjusts ruler to align measurements
- Laser etched numbers increase legibility and protect against wear
- Markings in inches and centimeters
- Brass scribe stores in handle for quick and easy marking



Cat. No.	Material	Graduation	Blade Length	Blade Width	Blade Thickness	Product Weight
L06CS	Aluminum	1/32 in & 0.1cm	6 in	3-3/8 in	1/2 in	0.240 lb
L12CS	Aluminum	1/32 in & 0.1cm	12 in	4-3/4 in	3/4 in	0.670 lb

DRYWALL SQUARES

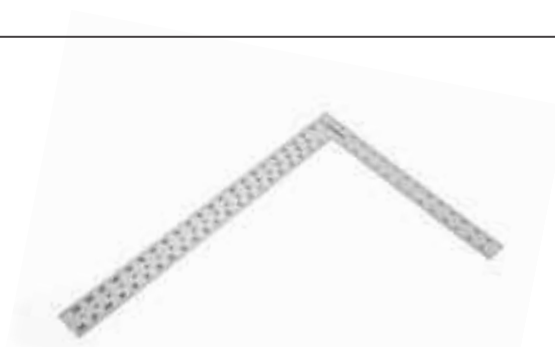
- Commonly used to mark and cut drywall, plywood and plasterboard
- Bolstered joint between the blade and head for prolonged accuracy and durability
- Lightweight aluminum construction
- High contrast numbers for increased legibility
- Corrosion resistant finish



Cat. No.	Material	Graduation	Blade Length	Blade Width	Blade Thickness	Product Weight
L48DS	Aluminum	1/8 in	49.5 in	22 in	21/32 in	2.380 lb

FRAMING AND CARPENTER SQUARES

- Steel construction with high contrast numbers for increased legibility
- Dual-sided print with increments from inches to 1/16th
- Protective coating to maintain print legibility
- Corrosion resistant finish



Cat. No.	Type	Material	Graduation	Blade Length	Blade Width	Blade Thickness	Product Weight
L0812US	Carpenter	Steel	1/16 in	12 in	8 in	3/32 in	0.650 lb
L1624CS	Carpenter	Steel	1/16 in	24 in	16 in	3/32 in	1.650 lb
L1624RS	Framing	Aluminum	1/16 in	24 in	16 in	3/32 in	0.780 lb

NITE EYE™ ALUMINUM RULERS

- Nite Eye™ green on black creates contrast in all light conditions to enhance visibility
- Extruded aluminum construction designed for durability and harsh work environments
- Graduated to in inches, 1/8th inches and 1/16th inches for more precise measuring
- Hang hole offers another solution for product storage
- Doubles as a straight edge



Cat. No.	Graduation	Blade Width	Blade Length
ALR36B	inches, 1/8ths, 1/16ths	1-1/8 in	3 ft
ALR48B	inches, 1/8ths, 1/16ths	1-1/8 in	4 ft

ALUMINUM YARDSTICK

- Lightweight, flexible, rustproof, and sharply defined yardstick
- Lies flat and has a hang-up hole for storage
- Easy-to-read markings on straight parallel edges
- Fine graduations one side only, both edges in inches to 1/16ths
- Hole in one end for hanging



Cat. No.	Graduation	Blade Thickness	Blade Width	Blade Length	Product Weight
T1260N	1/16 in	1/32 in	15/64 in	36 in	0.30 lb

METRIC ENGLISH ALUMINUM METER STICK

- Useful for making the transition to the metric system
- Graduated on front side in inches to 1/16ths on upper edge
- Graduated decimeters, centimeters and millimeters lower edge
- Reverse side shows table of equivalents and conversions
- 1" x 1m aluminum rule
- Hole in one end for hanging



Cat. No.	Graduation	Blade Thickness	Blade Width	Blade Length	Product Weight
1261MEN	1/16 in	1/32 in	27 mm, 1 in	1 m, 3 ft	0.40 lb

ONE-PIECE STEEL RULES

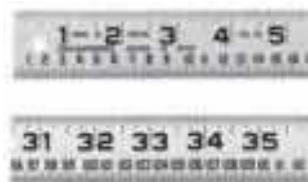
- Markings are heavier than on machine-divided rules
- Bold, permanent markings are deeply etched and black-filled
- Large graduations marked on both sides and both edges
- Upper edge graduated in 1/8ths, lower edge in 1/16ths
- Opposite sides measure from opposite ends
- Hole in one end for hanging



Cat. No.	Graduation	Blade Thickness	Blade Width	Blade Length	Product Weight
621FTN	1/8 in & 1/16 in	1/16 in	1-1/4 in	1 ft	0.30 lb
622FTN	1/8 in & 1/16 in	1/16 in	1-1/4 in	2 ft	0.50 lb
623FTN	1/8 in & 1/16 in	1/16 in	1-1/4 in	3 ft	0.80 lb
624FTN	1/8 in & 1/16 in	1/16 in	1-1/4 in	4 ft	1.00 lb
626FTN	1/8 in & 1/16 in	1/16 in	1-1/4 in	6 ft	1.50 lb

TINNER'S STEEL CIRCUMFERENCE RULES

- Standard rule for tinner's and other sheetmetal workers
- Tempered medium-weight steel
- Black markings for easy reading
- One side upper edge marked inches to 1/16ths
- Reverse side has formulas for calculating circumference, diameter, area
- Hole in one end for hanging



Cat. No.	Graduation	Blade Thickness	Blade Width	Blade Length	Product Weight
953FTN	1/8 in & 1/16 in	1/16 in	1-1/4 in	3 ft	0.80 lb
954FTN	1/8 in & 1/16 in	1/16 in	1-1/4 in	4 ft	1.00 lb

STEEL BLACKSMITH'S RULE

- Used for converting diameters directly to circumference measurements
- Built-in catch brings rule to a firm stop when opened straight
- Legible, permanent, deeply etched black markings
- Lower edge graduated to 1/16ths of an inch, upper edge to 1/8ths



Cat. No.	Graduation	Blade Thickness	Blade Width	Blade Length	Product Weight
86N	1/8 in & 1/16 in	1/32 in	3/4 in	2 ft	0.14 lb

RED END® BRICK MASON'S FOLDING WOOD RULE

- For use in brick laying applications
- Durable construction with brass plated joints and brass end caps that prevent the ends from splintering
- Featuring brick spacing rule on the inside surface
- Outside markings are graduated from feet and inches to 1/16th along both top and bottom edges
- 6 ft. length and 5/8 in. width



Cat. No.	Graduation	Blade Width	Blade Length	Product Weight
T636N	1/16 in	5/8 in	6 ft	0.30 lb

RED END® OVERSIZED BRICK MASON'S FOLDING WOOD RULE

- Used by bricklayers for oversized brick
- Graduated vertical markings go from inches to 16ths along both edges
- Brick mason scale on inside, red course counters numbered consecutively
- Regular outside markings in black
- 6 Foot Length



Cat. No.	Graduation	Blade Width	Blade Length	Product Weight
T656N	1/16 in	5/8 in	6 ft	0.35 lb

RED END® MODULAR SPACING FOLDING WOOD RULE

- Durable construction with brass-plated joints and brass end caps which prevent the ends from splitting
- Outside is graduated along both edges to 1/16ths of an inch
- Inside marked with 6 scales in 16" modules



Cat. No.	Graduation	Blade Width	Blade Length	Product Weight
646LN	1/16 in	5/8 in	6 ft	0.35 lb

RED END® ENGINEER'S FOLDING WOOD RULES

- Joints are brass-plated for durability; brass end caps prevent ends from splitting
- Red foot figures for clear visibility and identification
- Graduated in feet, tenths of feet, and hundredths of feet
- Regular outside markings in feet, inches and 1/16ths



Cat. No.	Graduation	Blade Width	Blade Length	Product Weight
1066DN	1/16 in	5/8 in	6 ft	0.35 lb

RED END® EXTENSION FOLDING WOOD RULES

- Graduated slide rule extends up to 6 additional inches
- Stops at each end to prevent slide from falling out
- Marked along both sides and both edges
- Graduated to 1/16ths of an inch



Cat. No.	Graduation	Blade Width	Blade Length	Product Weight
TX46N	1/16 in	5/8 in	6 ft	0.35 lb

RED END® FOLDING WOOD RULES

- Durable construction with brass-plated joints and brass end caps which prevent the ends from splitting
- Embossed numbers and graduations prevent print corrosion
- Marked on both sides for versatile use



Cat. No.	Blade Width	Blade Length	Product Weight
066FN	5/8 in	6 ft	0.34 lb
062CMEN	5/8 in	2 m, 6 ft	0.39 lb

RED END® TWO WAY FOLDING WOOD RULE

- Flat inside markings lie close to the work
- For measuring left to right and right to left
- Marked on both sides for versatile use
- Graduations in feet, inches and 1/16ths on both edges of both sides



Cat. No.	Graduation	Blade Width	Blade Length	Product Weight
966N	1/16 in	5/8 in	6 ft	0.34 lb

DOYLE LOG SCALE

- Designed for estimating board feet in a cut log
- Graduated inches to 1/16ths lower edge
- Outside markings for 10' and 18' logs
- Inside markings for 12', 14' and 16' logs



Cat. No.	Graduation	Blade Width	Blade Length	Product Weight
TT524N	1/16 in	5/8 in	4 ft	0.24 lb

MAGNETIC POCKET LEVEL

- Magnifier vial makes bubble easier to see, improving accuracy even in low light
- Durable aluminum housing protects against damage from drops
- Dual rare earth magnets embedded in the housing provide powerful holding force
- Compact design for easy fit into pockets, tool belts and bags



Cat. No.	Vial Quantity	Vial Color	Overall Length	Product Weight
LPL1000-02	1	Green	3.0 in	0.750 lb

MAGNETIC SPECIALTY ANGLE LEVEL

- Push-button adjustability allows user to position vial at preset or custom angles
- Rare earth magnet on bottom v-groove for maximum holding force
- Durable aluminum housing protects against damage from drops
- Foldable, compact design for easy fit into pockets, tool belts and bags
- Tether hole for working at heights



Cat. No.	Vial Quantity	Vial Color	Overall Length	Product Weight
LSL1100-02	1	Green	4.5 in	1.500 lb

COMPOSITE TORPEDO LEVEL

- Large center vial offers improved visibility
- Aluminum reinforcement in critical areas protects against drop damage
- Strip magnet locked in place to prevent separation
- Additional pair of pitch lines on the center vial offers 1/4" pitch reference



Cat. No.	Vial Quantity	Vial Color	Overall Length	Product Weight
LTL1000-02	3	Green	9.0 in	0.500 lb

ALUMINUM TORPEDO LEVEL

- Large center vial offers improved visibility
- Full aluminum frame for better protection against drop damage
- Rare earth magnets permanently embedded in frame provide stronger holding force
- Additional pair of pitch lines on the center vial offers 1/4" pitch reference
- Straight edge along main vial makes scribing lines easier



Cat. No.	Vial Quantity	Vial Color	Overall Length	Product Weight
LTLA1100-02	3	Green	9.0 in	1.500 lb

ALUMINUM BILLET LEVEL

- Large main vial offers improved visibility
- Full aluminum body for best protection against drop damage
- Rare earth magnets permanently embedded in frame provide stronger holding force
- Additional pair of pitch lines on the center vial offers 1/4" pitch reference
- V-groove on bottom side maximizes grip onto pipes and conduit
- Built-in tether hole and weld clearance cutouts provide added functionality



Cat. No.	Vial Quantity	Vial Color	Overall Length	Product Weight
LBL1100-02	3	Green	9.0 in	1.500 lb

—|—
Tough gets the job done.
Smart gets the job done right.
—|—

PROFESSIONAL 100 FOOT REEL

A perfect snap every time.

Our revolutionary 100-Foot Professional Chalk Reel has three innovative features that put it ahead of any other reel on the market: A one-way valve makes refilling quick and clean, a locking hub makes snaps neat and fast, and a nesting end hook ends tool bag tangles. The reel also has a 6:1 gear ratio for faster retraction and braided line for better chalk retention. Use it with new high-visibility Crescent Hard Mark Blue Chalk and get sharp, accurate lines on every snap.



PROFESSIONAL ALUMINUM CHALK & REELS

- 6:1 gear ratio, fold-away, rotating hub for faster rewind and reel protection during storage
- Single hand hub lock allows user to stop line in place and snap lines with only one hand
- Nesting end hook retracts into a nested position, protecting the hook from unwanted snags
- Reinforced string perfectly braided for the best balance between chalk retention and reduced overspray
- One-way chalk refill valve designed for quick refills without the mess
- Quarter-turn release for secondary access to the chalk box



Cat. No.	Chalk Color	Line Material	Line Length	Case Material	Rewind Ratio	Product Weight
CLA100	Not Included	Abrasion Resistant Polyester	100 ft	Aluminum	6:1	0.074 lb
CLA100B	Blue	Abrasion Resistant Polyester	100 ft	Aluminum	6:1	0.099 lb
CLA100R	Red	Abrasion Resistant Polyester	100 ft	Aluminum	6:1	0.099 lb

ALUMINUM CHALK & REELS

- Sliding door for quick and easy chalk refilling
- Cast aluminum body for increased durability
- Centerline marker for use as a plumb bob
- Built-in storage dock protects end hook when not in use



Cat. No.	Chalk Color	Line Material	Line Length	Case Material	Rewind Ratio	Product Weight
CLA100A	Not Included	Braided Blend	100 ft	Aluminum	1:1	0.400 lb
CLA100AB	Blue	Braided Blend	100 ft	Aluminum	1:1	0.650 lb

CONSTRUCTION CHALK & REEL

- 6:1 gear ratio, fold-away, rotating hub for faster rewind and reel protection during storage
- End hook storage on the backside that protects the end hook and prevents tangles
- Combo hook and ring end hook for use in all construction environments
- Reinforced string perfectly braided for the best balance between chalk retention and reduced overspray
- One-way chalk refill valve designed for quick chalk refills without the mess



Cat. No.	Chalk Color	Line Material	Line Length	Case Material	Rewind Ratio	Product Weight
CL150	Not Included	Abrasion Resistant Polyester	150 ft	Plastic	6:1	0.033 lb

CONTRACTOR CHALK & REELS

- 6:1 gear ratio, fold-away, rotating hub for faster rewind and reel protection during storage
- Single hand hub lock allows user to stop line in place and snap lines with only one hand
- Nesting end hook retracts into a nested position, protecting the hook from unwanted snags
- Reinforced string perfectly braided for the best balance between chalk retention and reduced overspray
- One-way chalk refill valve designed for quick refills without the mess
- Quarter-turn release for secondary access to the chalk box



Cat. No.	Chalk Color	Line Material	Line Length	Case Material	Rewind Ratio	Product Weight
CL0100	Not Included	Abrasion Resistant Polyester	100 ft	Plastic	6:1	0.050 lb
CL100BA	HardMark Blue	Abrasion Resistant Polyester	100 ft	Plastic	6:1	0.074 lb
CL100B	Blue	Abrasion Resistant Polyester	100 ft	Plastic	6:1	0.074 lb
CL100R	Red	Abrasion Resistant Polyester	100 ft	Plastic	6:1	0.074 lb

CHALK & REELS

- 3:1 gear crank ratio for faster rewind
- Sliding door for quick and easy chalk refilling
- Centerline marker for use as a plumb bob
- Built-in storage dock protects end hook when not in use
- Release button disengages crank so line can be pulled out faster



Cat. No.	Chalk Color	Line Material	Line Length	Case Material	Rewind Ratio	Product Weight
CLP100	Not Included	Braided Blend	100 ft	Plastic	3:1	0.308 lb
CLP100B	Blue	Braided Blend	100 ft	Plastic	3:1	0.558 lb
CLP100R	Red	Braided Blend	100 ft	Plastic	3:1	0.558 lb

COMPACT CHALK & REEL

- Fold-away handle locks the retrieval arm in place to prevent breaking or inadvertent unreeling
- Release button disengages crank so line can be pulled out faster
- End hook storage on reverse side of reel protects end hook and prevents line tangles during storage
- Reinforced string perfectly braided for the best balance between chalk retention and reduced overspray
- Easy fill side refill door with large opening capacity for quick and effortless refills



Cat. No.	Chalk Color	Line Material	Line Length	Case Material	Rewind Ratio	Product Weight
CL50	Blue	Abrasion Resistant Polyester	50 ft	Plastic	3:1	0.052 lb

2.5 LBS CHALK REFILL

- Permanent marking chalk for use with chalk reels
- Unique bottle geometry prevents the bottle from rolling on sloped surfaces
- Easy fill bottle top design allows chalk to flow faster for quick refills



Cat. No.	Chalk Color	Chalk Volume	Product Weight
CB25B	Blue	2.5 lbs	2.750 lb
CB25R	Red	2.5 lbs	2.750 lb

HARDMARK BLUE CHALK REFILL

- HardMark Blue is a Crescent Lufkin proprietary marking chalk
- Designed to be a brighter blue with three times more visibility than standard chalks regardless of the light condition or surface
- Easy fill bottle top design allows chalk to flow faster for quick refills



Cat. No.	Chalk Color	Chalk Volume	Product Weight
CB08BA	HardMark Blue	8 oz	0.572 lb
CB25BA	HardMark Blue	2.5 lbs	2.750 lb

8 OZ CHALK REFILL

- Marking chalk for use with chalk reels
- Unique bottle geometry prevents the bottle from rolling on sloped surfaces
- Easy fill bottle top design allows chalk to flow faster for quick refills



Cat. No.	Chalk Color	Chalk Volume	Product Weight
CB08B	Blue	8 oz	0.572 lb
CB08BL	Black	8 oz	0.572 lb
CB08R	Red	8 oz	0.572 lb
CB08Y	Yellow	8 oz	0.572 lb

ATLAS® CHROME CLAD®

- Heavy-duty frame designed for years of rugged use
- All frames include a grounding strap
- Blade counts graduated feet down to 1/8th inches, for instantaneous foot readings
- Plumb bob must be ordered separately



Cat. No.	Bob Cut	Blade Width	Blade Length	Blade Style	Product Weight
C129012SFN	590	1/2 in	18 ft	D4	1.60 lb
C1290SF590N	590	1/2 in	25 ft	D4	1.80 lb
C1291SF590N	590	1/2 in	33 ft	D4	1.90 lb
C1293SF590N	590	1/2 in	50 ft	D4	2.30 lb
C2910MME590N	590GM	13 mm, 1/2 in	10 m, 33 ft	D6	1.95 lb
C2915MME590N	590GM	13 mm, 1/2 in	15 m, 50 ft	D6	2.35 lb
C2920MME150MN	150 mm	13 mm, 1/2 in	20 m, 66 ft	D6	2.50 lb
C2920MME590N	590GM	13 mm, 1/2 in	20 m, 66 ft	D6	2.70 lb
C2930MME590N	590GME	13 mm, 1/2 in	30 m, 98 ft	D6	3.95 lb

ATLAS® CHROME CLAD®/NUBIAN® DOUBLE DUTY

- Heavy-duty frame designed for years of rugged use
- All frames include a grounding strap
- Plumb bob must be ordered separately



Cat. No.	Bob Cut	Blade Width	Blade Length	Blade Style	Product Weight
CN129012SF5N	590	1/2 in	18 ft	D1	1.60 lb
CN1290SF590N	590	1/2 in	25 ft	D1	1.60 lb
CN1291SF590N	590	1/2 in	33 ft	D1	1.90 lb
CN1293SDF590N	590	1/2 in	50 ft	D2	2.20 lb
CN1293SF5871N	5871/2	1/2 in	50 ft	D1	2.30 lb
CN1293SF590N	590	1/2 in	50 ft	D1	2.20 lb
CN1294SF5871N	5871/2	1/2 in	66 ft	D1	2.70 lb
CN1294SF590N	590	1/2 in	66 ft	D1	2.60 lb
CN1295SF590N	590	1/2 in	75 ft	D1	2.90 lb
CN1296SF590N	590	1/2 in	100 ft	D1	3.56 lb
CN1290SMEN	590	13 mm, 1/2 in	8 m, 26 ft	D3	1.80 lb
CN1293SMEF59N	590	13 mm, 1/2 in	15 m, 50 ft	D3	2.30 lb
CN1294SMEF59N	590	13 mm, 1/2 in	20 m, 66 ft	D3	2.60 lb
CN1295SME590N	590	13 mm, 1/2 in	23 m, 75 ft	D3	2.88 lb
CN1295SMEN	5871/2	13 mm, 1/2 in	23 m, 75 ft	D3	2.70 lb
CN1296SMEF59N	590	13 mm, 1/2 in	30 m, 100 ft	D3	3.980 lb
CN1298SME590N	590	13 mm, 1/2 in	38 m, 125 ft	D3	4.20 lb

ATLAS® NUBIAN®

- Heavy-duty frame designed for years of rugged use
- All frames include a grounding strap
- Blade protected by flowed-on epoxy coating
- Ideal for gauging clear oils
- Plumb bob must be ordered separately



Cat. No.	Bob Cut	Blade Width	Blade Length	Blade Style	Product Weight
1290SF590N	590	1/2 in	25 ft	D5	1.70 lb
1293SF590N	590	1/2 in	50 ft	D5	2.30 lb
1293SM590N	590	13 mm, 1/2 in	15 m, 49 ft	D7	1.90 lb

ATLAS® STAINLESS STEEL

- Heavy-duty frame designed for years of rugged use
- All frames include a grounding strap
- Designed for use in highly corrosive solutions
- Stainless steel blade resists corrosion
- Plumb bob must be ordered separately
- Recommended plumb bob: S590N



Cat. No.	Bob Cut	Blade Width	Blade Length	Blade Style	Product Weight
S1291F590N	590	1/2 in	33 ft	D4	1.50 lb
S1293F590N	590	1/2 in	50 ft	D4	2.00 lb

IMAGE OIL GAUGING PLUMB BOBS

- Tapered point tip
- 20 oz. solid brass bob

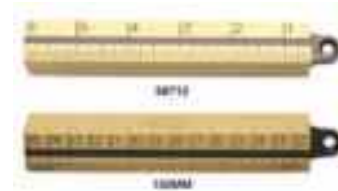


Cat. No.	Weight	Shape	SAE/Metric	Measuring Range	Material	Overall Length	Product Weight
590GN	20 oz	Cylindrical Reads Up	SAE	0 in - 6 in	Brass	7.3 in	1.40 lb
590GMN	20 oz	Cylindrical Reads Up	Metric	0mm - 150mm	Brass	7.7 in	1.40 lb
590GMEN	20 oz	Cylindrical Reads Up	SAE/Metric	0 in - 6 in 0mm - 150mm	Brass	7.4 in	1.40 lb
TT590N	20 oz	Cylindrical	No Markings	No Markings	Brass	7.3 in	1.40 lb
S590N	20 oz	Cylindrical	No Markings	No Markings	Stainless Steel	7.3 in	1.20 lb

Tough gets the job done.
Smart gets the job done right.

OUTAGE OIL GAUGING PLUMB BOBS

- Square-shaped solid brass bob
- Eye milled from solid brass block (not removable)
- Zero falls inside top of hook eye
- 3/4"/19mm square, 6"/152mm overall length



Cat. No.	Weight	Shape	SAE/Metric	Measuring Range	Material	Overall Length	Product Weight
58712N	20 oz	Square	SAE/Metric	0 in - 6 in 0mm - 150mm	Brass	7.2 in	1.27 lb
T150MMN	20 oz	Square	Metric	0mm - 150mm	Brass	7.5 in	1.27 lb

ANCHOR® REPLACEMENT BLADE

- Anchor® replacement blade for C213DN



Cat. No.	Blade Style	Blade Width	Blade Length	Works With	Product Weight
OC213DN	B5	3/8 in	50 ft	C213DN	0.60 lb

ARTISAN® REPLACEMENT BLADES

- Artisan® replacement blade for 120PN



Cat. No.	Blade Style	Blade Width	Blade Length	Works With	Product Weight
0120PN	B12	3/8 in	20 ft	120PN	0.30 lb

ATLAS® STAINLESS STEEL REPLACEMENT BLADES

- Atlas® replacement blade



Cat. No.	Blade Style	Blade Width	Blade Length	Works With	Product Weight
OS1291F590N	D4	1/2 in	33 ft	1291F590N	0.70 lb
OS1293F590N	D4	1/2 in	50 ft	1293F590N	0.90 lb

ATLAS CHROME CLAD®/NUBIAN® DOUBLE DUTY REPLACEMENT BLADES

■ Atlas Chrome Clad® / Nubian® Double Duty replacement blade



Cat. No.	Blade Style	Blade Width	Blade Length	Works With	Product Weight
OC129012SF59N	D4	1/2 in	18 ft	C129012SFN	0.50 lb
OCN129012SF5N	D1	1/2 in	18 ft	CN129012SF5N	0.50 lb
OCN1290SF590N	D1	1/2 in	25 ft	CN1290SF590N	0.60 lb
OCN1291SF590N	D1	1/2 in	33 ft	CN1291SF590N	0.80 lb
OCN1293SF590N	D1	1/2 in	50 ft	CN1293SF590N	1.10 lb
OCN1294SF590N	D1	1/2 in	66 ft	CN1294SF590N	1.50 lb
OCN1295SF590N	D1	1/2 in	75 ft	CN1295SF590N	1.70 lb
OCN1296SF590N	D1	1/2 in	100 ft	CN1296SF590N	2.20 lb
OCN1293SMEF5N	D3	13 mm, 1/2 in	15 m, 50 ft	CN1293SMEF59N	1.20 lb
OCN1294SMEF5N	D3	13 mm, 1/2 in	20 m, 66 ft	CN1294SMEF5N	1.60 lb
OCN1296SMEF5N	D3	13 mm, 1/2 in	38 m, 100 ft	CN1296SMEF59N	2.65 lb

ATLAS CHROME CLAD® REPLACEMENT BLADES

■ Atlas Chrome Clad® replacement blade



Cat. No.	Blade Style	Blade Width	Blade Length	Works With	Product Weight
OC1290SF590N	D4	1/2 in	25 ft	C1290SF590N	0.65 lb
OC1291SF590N	D4	1/2 in	33 ft	C1291SF590N	0.80 lb

ATLAS NUBIAN® REPLACEMENT BLADES

■ Atlas Nubian® replacement blade



Cat. No.	Blade Style	Blade Width	Blade Length	Works With	Product Weight
01290SF590N	D4	1/2 in	25 ft	1290SF590N	0.60 lb
01293SF590N	D4	1/2 in	50 ft	1293SF590N	1.00 lb

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Tough gets the job done.
Smart gets the job done right.
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DERRICK REPLACEMENT BLADES

- Derrick replacement blade



Cat. No.	Blade Style	Blade Width	Blade Length	Works With	Product Weight
OC2276DN	E1	1/4 in	100 ft	C2276DN	1.60 lb
OC2276MEN	E2	6 mm, 1/4 in	30 m, 100 ft	C2276MEN	0.700

HOME SHOP REPLACEMENT BLADES

- Replacement blade



Cat. No.	Blade Style	Blade Width	Blade Length	Works With	Product Weight
OY50	B1	3/8 in	50 ft	HW50 50	0.40 lb

ENGINEERING AND SURVEYING REPLACEMENT REEL

- For 1/2" X 75' Chrome Clad® and gauging tapes
- Reel is nickel-plated, 4-Arm with rollers in each arm for smooth winding
- Oversize drum with long, one-piece winding handle, quick return of line
- 4 arm reel



Cat. No.	Number of Arms	Blade Width	Blade Length	Product Weight
9175N	4	1/2 in	75 ft	1.30 lb

31 SERIES OVER 100' LENGTH REPLACEMENT REELS

- For over 100' lengths
- Chrome 4 arm frame
- Not all replacement parts are sold separately



Cat. No.	Number of Arms	Blade Width	Blade Length	Product Weight
31300N	4	1/4 in	100 ft	3.10 lb

81 AND 91 SERIES CHROME CLAD® AND GAUGING TAPE REPLACEMENT REEL

- For 3/8" 10mm and 1/2"/13mm widths - Chrome Clad® and gauging tapes
- Chrome 2 arm frame
- Not all replacement parts are sold separately



Cat. No.	Number of Arms	Blade Width	Blade Length	Product Weight
9150LN	2	1/2 in	50 ft	1.20 lb

DETACHABLE HOOK

- Easily attaches and detaches from standard ring tape line
- Heavily nickel plated, zinc hook
- Serrated face grips firmly and releases easily
- On tapes measuring from outer end of ring, zero falls at inside of hook
- Can be used on lines 3/8 inch/10mm or wider



Cat. No.	Product Weight
552N	0.04 lb

TAPE TENSION HANDLES

- Use with steel tapes for extremely accurate measurements
- Rustproof brass construction with black-filled etched graduations
- Graduations begin at snap end, easy-to-read when tension is applied
- Capacity of 30 lb x 1/2 lb and 25kg x 25kg



Cat. No.	Product Weight
586N	0.60 lb



CUTTING

AVIATION SNIPS

SHEARS

TINNER SNIPS

KNIVES & BLADES

CUTTERS

REBAR TOOLS

SAWS & SAW BLADES

NEXT GENERATION AVIATION SNIPS

Snips made to earn the trust of many generations.

Continuous improvement means never being satisfied. That's why Crescent Aviation snips generate 60% more cuts and require 20% less force to cut on average compared to a popular competing product. Proving that Crescent is the undisputed leading brand of snips for sheet metal professionals.



Ergonomic Non-Slip Grips

Provide ease of use and better control

Integrated Handle Ring

For hanging or easy storage

Spring Loaded Return

For easy use

Precision Ground, Serrated Blades

Allows for exceptional material control

20% Less Force to Cut
**compared to a leading competitor product after 200K cuts*

Ergonomic Latch

Single-handed, ambidextrous latch for all day use

Ultra Durable Pivot Bolt Design

Engineered for longer life

Cuts up to 8 Miles of Steel/ 500K Cuts

Over 60% more cuts than a leading competitor

M3R



M1R AVIATION SNIPS

- Cuts left from tight curves to straight with red handles for quick identification
- Made in the USA
- Cuts up to 18 gauge low carbon, rolled steel
- Tested up to 500,000 cuts, engineered for superior cutting performance
- Superior design requires 20% less force to cut
- Ultra durable pivot bolt design provides a longer cutting life
- Precision ground, serrated blades allow for enhanced material control
- Spring loaded return for easy use
- Single-handed latch operation for left or right-handed use
- Ergonomic, single material non-slip handle grips provide easy cleaning with built-in hang hole for convenient storage



Cat. No.	Handle Color	Direction or Type of Cut	Cutter Head/Blades	Blade Length	Cutting Capacity	Product Weight
M1R	Red	Straight Left	Serrated	1.38 in	18 Gauge Low Carbon Steel	1.00 lb

M2R AVIATION SNIPS

- Cuts right from tight curves to straight with green handles for quick identification



Cat. No.	Handle Color	Direction or Type of Cut	Cutter Head/Blades	Blade Length	Cutting Capacity	Product Weight
M2R	Green	Straight Right	Serrated	1.38 in	18 Gauge Low Carbon Steel	1.00 lb

M3R AVIATION SNIPS

- Cuts straight and slight left and right curves with yellow handles for quick identification



Cat. No.	Handle Color	Direction or Type of Cut	Cutter Head/Blades	Blade Length	Cutting Capacity	Product Weight
M3R	Yellow	Straight Left Right	Serrated	1.5 in	18 Gauge Low Carbon Steel	1.00 lb

3 PC. AVIATION SNIP SET

- Set includes M1R, M2R, & M3R aviation snips



Cat. No.	Product Weight
M123R	3.00 lb
Cat. No.	Description
M1R	9-3/4" Compound Action Straight and Left Aviation Snips
M2R	9-3/4" Compound Action Straight and Right Cut Aviation Snips
M3R	9-3/4" Compound Action Straight, Left, and Right Cut Snips

M5R BULLDOG AVIATION SNIPS

- Cuts straight lines
- For notching or trimming extra heavy stock
- Made in the USA
- Cuts up to 16 gauge low carbon, rolled steel
- Tested up to 500,000 cuts, engineered for superior cutting performance
- Superior design requires 20% less force to cut
- Ultra durable pivot bolt design provides a longer cutting life
- Precision ground, serrated blades allow for enhanced material control
- Spring loaded return for easy use
- Single-handed latch operation for left or right-handed use



Cat. No.	Handle Color	Direction or Type of Cut	Cutter Head/Blades	Blade Length	Cutting Capacity	Product Weight
M5R	Red	Straight	Serrated	0.88 in	16 Gauge Low Carbon Steel	1.00 lb

M6R OFFSET AVIATION SNIPS

- 30° offset allows for greater material flow and keep hands clear while cutting straight lines and left arcs
- Made in the USA
- Cuts up to 18 gauge low carbon, rolled steel
- Tested up to 500,000 cuts, engineered for superior cutting performance
- Superior design requires 20% less force to cut
- Ultra durable pivot bolt design provides a longer cutting life
- Precision ground, serrated blades allow for enhanced material control
- Spring loaded return for easy use
- Single-handed latch operation for left or right-handed use
- Ergonomic, single material non-slip handle grips provide easy cleaning with built-in hang hole for convenient storage



Cat. No.	Handle Color	Direction or Type of Cut	Cutter Head/Blades	Blade Length	Cutting Capacity	Product Weight
M6R	Red	Straight Left	Serrated	1.25 in	18 Gauge Low Carbon Steel	1.00 lb

Tough gets the job done.
Smart gets the job done right.

M7R OFFSET AVIATION SNIPS

- 30° offset allows for greater material flow and keep hands clear while cutting straight lines and right arcs



Cat. No.	Handle Color	Direction or Type of Cut	Cutter Head/Blades	Blade Length	Cutting Capacity	Product Weight
M7R	Green	Straight Right	Serrated	1.25 in	18 Gauge Low Carbon Steel	1.00 lb

2 PC. OFFSET AVIATION SNIP SET



Cat. No.	Product Weight
M6M7R	0.948 lb

Cat. No.	Description
M6R	9-1/4" MetalMaster® Offset Straight and Left Cut Aviation Snips
M7R	9-1/4" MetalMaster® Offset Straight and Right Cut Aviation Snips

M80S OFFSET STRAIGHT AVIATION SNIPS

- 30° offset allows for greater material flow and keep hands clear while cutting straight lines & left and right arcs
- Made in the USA
- Cuts up to 18 gauge low carbon, rolled steel
- Tested up to 500,000 cuts, engineered for superior cutting performance
- Superior design requires 20% less force to cut
- Ultra durable pivot bolt design provides a longer cutting life
- Precision ground, serrated blades allow for enhanced material control
- Spring loaded return for easy use
- Single-handed latch operation for left or right-handed use
- Ergonomic, single material non-slip handle grips provide easy cleaning with built-in hang hole for convenient storage



Cat. No.	Handle Color	Direction or Type of Cut	Cutter Head/Blades	Blade Length	Cutting Capacity	Product Weight
M80S	Yellow	Straight Left Right	Serrated	1.88 in	18 Gauge Low Carbon Steel	1.00 lb

MPX5 MULTI-PURPOSE CUTTER

- Blade design includes a twine cutter, wire cutter, bottle opener, and wire bending holes for added versatility
- 3" blade for cutting sheet metal, plastics, vinyl, carpet, gutters, cardboard, paper, screen, wire mesh, hose, roof shingles, wallpaper, cloth, leather, and much more
- Blade serrations hold material firmly and spread cutting force uniformly across blade edge, improving cut quality and tool life
- Compound action design delivers 1.5x the cutting power to save you effort
- Quick-release lock for easy one-handed operation
- Nickel chrome blades resist rust and corrosion
- Ergonomic, single material non-slip handle grips provide excellent control and easy cleaning with built-in hang hole for convenient storage



Cat. No.	Handle Color	Handed	Direction or Type of Cut	Cutter Head/Blades	Blade Length	Cutting Capacity	Product Weight
MPX5-06	Rawhide	Both	Straight	Serrated	3 in	20 Gauge Low Carbon Steel	0.97 lb

M300 LONG CUT AVIATION SNIPS

- Cuts straight lines and right and left arcs
- Combines long cut of tinner's snips with the strength of compound action
- Great for making long, fast cuts in sheet metal, aluminum, and much more
- Blade serrations hold material firmly and spread cutting force uniformly across blade edge, improving cut quality and tool life
- Cuts up to 20 gauge low carbon, rolled steel
- Compound action multiplies the cutting force
- Handle latch keeps blades closed during storage or when not in use
- Ergonomic, single material non-slip handle grips provide excellent control and easy cleaning with built-in hang hole for convenient storage



Cat. No.	Handle Color	Direction or Type of Cut	Cutter Head/Blades	Blade Length	Cutting Capacity	Product Weight
M300N-06	Rawhide	Straight	Serrated	3 in	20 Gauge Low Carbon Steel	0.89 lb

MPC3 MULTI-PURPOSE SNIPS

- Cuts curves, straight lines, or any combination
- Used for cutting light-gauge metals, screening, floor tiles, vinyl, plastic, leather, paper, rubber, hardware cloth, shingles, tile gutters, downspouts, carpeting, and more
- Blade serrations hold material firmly and spread cutting force uniformly across blade edge, improving cut quality and tool life
- Cuts up to 20 gauge low carbon steel
- Spring-action handle for a faster, effortless feed
- Handle latch keeps blades closed during storage or when not in use
- Ergonomic, single material non-slip handle grips provide excellent control and easy cleaning with built-in hang hole for convenient storage



Cat. No.	Handle Color	Direction or Type of Cut	Cutter Head/Blades	Blade Length	Cutting Capacity	Product Weight
MPC3N-06	Rawhide	Straight Left Right	Serrated	1.375 in	20 Gauge Low Carbon Steel	0.74 lb

TITANIUM COATED TRADESMAN UTILITY SHEARS

- Heavy-duty blades feature premium grade stainless steel and are precision engineered for knife-like cutting edges
- Compact 7.5 inch design allows for easy storage and excellent portability
- Titanium coated blades provide corrosion resistance and are 3X harder than steel for durability and long tool life
- Quick release latch provides consistent easy operation and secures the tool in the closed and locked position for safe storage
- TPR comfort grip handles with soft-grip texture provide best-in-class comfort and control
- Touch point ergonomics optimize hand and finger contact points in handles to maximize fit, control, and user ergonomics



Cat. No.	Handed	Cutter Head/Blades	Blade Length	Overall Length	Product Weight
CW7T	Both	Bottom Serrated	2 in	7.5 in	0.40 lb

STAINLESS STEEL ALL-PURPOSE TRADESMAN SHEARS

- Precision ground blades feature premium grade stainless steel and are precision engineered for knife-like cutting edges
- Easy adjust pivot bolt allows quick and easy adjustment to fine tune cutting blade tension for optimal cutting performance
- Ambidextrous handle design features symmetrical handle ring contouring for comfortable right or left hand usage
- Stainless steel blades provide corrosion resistance for durability and long tool life



Cat. No.	Handed	Cutter Head/Blades	Blade Length	Overall Length	Product Weight
CW812S	Both	Smooth	3.25 in	8.5 in	0.30 lb

HEAVY-DUTY TITANIUM COATED SINGLE RING TRADESMAN SHEARS

- Heavy-duty blades feature titanium coated premium grade stainless steel and are precision engineered for knife-like cutting edges
- Spring-loaded design automatically opens when latch is disengaged for reduced hand fatigue
- Touch point ergonomics optimize hand and finger contact points in handles to maximize fit, control, and user ergonomics
- Full metal core extends through the handle for maximum strength and durability
- Serrated bottom blade grips material as it is being cut for increased cutting control and cleaner cuts
- Control channel accommodates index finger for increased control and cutting stability
- Quick release ergonomic latch provides consistent easy operation and secures the tool in the closed and locked position for safe storage



Cat. No.	Handed	Cutter Head/Blades	Blade Length	Overall Length	Product Weight
CW11TM	Both	Bottom Serrated	4 in	11.0 in	0.80 lb

HEAVY-DUTY TITANIUM COATED TRADESMAN SHEARS

- Heavy-duty blades feature premium grade stainless steel and are precision engineered for knife-like cutting edges
- Serrated bottom blade grips material as it is being cut for increased cutting control and cleaner cuts
- Titanium coated blades provide corrosion resistance and are 3X harder than steel for durability and tool life
- Control channel accommodates index finger for increased control and cutting stability
- Full metal core extends through the handle for maximum strength and increased durability
- Touch point ergonomics optimize hand and finger contact points in handles to maximize fit, control, and user ergonomics



Cat. No.	Handed	Cutter Head/Blades	Blade Length	Overall Length	Product Weight
CW10TM	Right	Bottom Serrated	4 in	10.0 in	0.70 lb

TITANIUM COATED OFFSET TRADESMAN SHEARS

- Precision cut blades feature titanium coated premium grade steel and are precision engineered for knife-like cutting edges
- Offset handle design keeps hands above material for safety and easy table top cuts
- Touch point ergonomics optimize hand and finger contact points in handles to maximize fit, control, and user ergonomics
- Titanium coated blades provide corrosion resistance and are 3X harder than steel for durability and tool life
- Control channel accommodates index finger for increased control and cutting stability
- TPR comfort grip handles with soft-grip texture provide best-in-class comfort and control



Cat. No.	Handed	Cutter Head/Blades	Blade Length	Overall Length	Product Weight
CW10T	Right	Smooth	3.75 in	10.0 in	0.60 lb
CW10TL	Left	Smooth	3.75 in	10.0 in	0.60 lb

ELECTRICIAN/DATA SHEARS

- Integrated wire strippers in scissor blade for quick and easy stripping of 19 and 23 AWG wires
- Serrated outside edges of blades for reaming knockouts and conduit
- Grip-Zone area for tightening wire nuts and crimping low voltage connections
- Precision ground blades feature durable serrations on the bottom blade that grip material for better control and cleaner cuts
- Integrated cable cutter provides added power and grip needed to make clean shear cuts through electrical cable
- Touch point ergonomics optimize hand and finger contact points in handles to maximize fit, control, and user ergonomics



Cat. No.	Handed	Cutter Head/Blades	Blade Length	Overall Length	Product Weight
CW5T	Both	Bottom Serrated	1.75 in	6.0 in	0.30 lb

ELECTRICIAN SCISSOR

- Double stripping notch for 19 gauge [0.035] and 23 gauge [0.022] wire
- Hot drop-forged solid steel
- Serrated along entire bottom blade
- Scraper and file on back edge of blade
- Fully nickel-plated
- Packaged in vinyl pouch



Cat. No.	Handed	Cutter Head/Blades	Blade Length	Overall Length	Product Weight
175E5V	Both	Bottom Serrated	1.75 in	5.25 in	0.20 lb

2 PC. HOME, CRAFT, AND SEW SCISSOR SET

- Strong, stainless steel blades for corrosion resistance
- Sharp points cut cleanly through the tip
- Long-lasting precision ground straight edges can be sharpened
- Adjustable pivot screw for best feel
- Soft touch handles for added comfort
- Scissors are lightweight for ease of use



Cat. No.	Product Weight
WHCS2	0.44 lb
Cat. No.	Description
-	5" Sewing Scissors with Soft Touch Handles
-	8-1/4" Craft Scissors with Soft Touch Handles

SHOP SHEARS

- Strong, high quality stainless steel blades for corrosion resistance
- Serrated lower blade for better grip on materials being cut
- Cutting notch on lower blade for rope and twine
- Adjustable pivot to change cutting tension for best comfort
- Hard plastic handles clean easily
- Safety point



Cat. No.	Handed	Blade Length	Overall Length	Product Weight
W912	Both	4.25 in	10.0 in	0.33 lb

EASY SNIP UTILITY SHEARS

- Strong, stainless steel blades for corrosion resistance
- Textured and molded handles for a secure, comfortable grip
- Spring assist action minimizes hand fatigue
- Wire cutting notch in the lower blade
- Thumb latch secures blades closed during storage
- Ideal for use in the shop, garden, and home



Cat. No.	Handed	Cutter Head/Blades	Blade Length	Overall Length	Product Weight
WEZSNIP	Both	Stainless Steel Blades	4 in	8.5 in	0.18 lb

HEAVY-DUTY INDUSTRIAL SHEARS

- Commonly used in cutting fabrics, upholstery, and composite materials
- Precision ground blades provide sharper cutting edges and a longer blade life
- Hot drop-forged nickel-plated blades are strong and durable
- Handle rings designed to comfortably fit users' hands
- Configure the SET-EASY® pivot adjustment to match your preference



Cat. No.	Handed	Blade Length	Overall Length	Product Weight
W20	Both	4.75 in	10.375 in	0.88 lb
W22N	Both	6 in	12.5 in	1.20 lb

INDUSTRIAL SHEARS

- Perfect for a professional dressmaker or industrial use
- Primarily used for working with fabric and thread
- Precision ground blades for sharper cutting edges and longer blade life
- Hot drop-forged nickel-plated blades are strong and durable
- Handles made of coated high carbon steel
- SET-EASY® pivot easily and securely adjusts to user preference



Cat. No.	Handed	Blade Length	Overall Length	Product Weight
27N	Both	2.75 in	7.0 in	0.30 lb
428N	Both	3.375 in	8.0 in	0.40 lb
29N	Both	4 in	9.0 in	0.45 lb

HIGH LEVERAGE SHEARS

- Cuts wire used in floral designs and other similar crafts
- Hot drop-forged commercial nickel-plated solid steel
- Serrated nickel-plated blades grip material being cut
- Black, curved handle designed for comfort and reduced fatigue



Cat. No.	Handed	Blade Length	Overall Length	Product Weight
2DAN	Both	2 in	7.75 in	0.50 lb

UPHOLSTERY, CARPET, DRAPERY, AND FABRIC SHEARS

- Ideal for cutting upholstery, carpet, and drapery
- Precision ground blades for sharper cutting edges and longer blade life
- Hot drop-forged nickel-plated blades are strong and durable
- Thick heavy-duty blades for cutting multiple layers and tough materials
- Handle rings designed to comfortably fit users' hands
- SET-EASY® pivot easily and securely adjusts to user preference



Cat. No.	Handed	Blade Length	Overall Length	Product Weight
W20W	Both	5 in	10.375 in	0.88 lb
W22W	Both	6 in	12.5 in	1.20 lb

SEWING AND EMBROIDERY SCISSORS

- Specially designed for intricate cutting, embroidery, and fine needlework
- Hot drop-forged nickel-plated blades and handles are strong and durable
- Double sharp points
- Flat pattern
- Ring handle
- Packaged in vinyl pouch



Cat. No.	Handed	Blade Length	Overall Length	Product Weight
T764	Both	1.25 in	4.125 in	0.10 lb

QUICK-CLIP® SPEED CUTTERS

- Rust-resistant stainless steel replaceable blades
- Positive spring-action opens the blades for fast cutting
- Heavy-duty contoured design
- Durable plastic handle made of industrial PVC



Cat. No.	Point Style	Handed	Blade Length	Overall Length	Product Weight
1571BN	Blunt	Both	1 in	4.75 in	0.09 lb
1570BN	Sharp	Both	1 in	4.75 in	0.09 lb

INDUSTRIAL SHEARS

- Used extensively in the poultry industry
- Precision ground blades for sharper cutting edges and longer blade life
- Hot drop-forged nickel-plated blades and handles are strong and durable
- Handle rings designed to comfortably fit users' hands
- Enlarged lower ring for increased comfort
- SET-EASY® pivot easily and securely adjusts to user preference



Cat. No.	Handed	Cutter Head/Blades	Blade Length	Overall Length	Product Weight
1DSN	Both	Great for various cutting applications	2.75 in	8.125 in	0.45 lb

INDUSTRIAL STRAIGHT TRIMMERS

- Ideal for cutting various fabrics and upholstery
- Precision ground blades for sharper cutting edges and longer blade life
- Hot drop-forged nickel-plated blades and handles are strong and durable
- Handle rings designed to comfortably fit users' hands
- SET-EASY® pivot easily and securely adjusts to user preference



Cat. No.	Handed	Blade Length	Overall Length	Product Weight
37N	Both	2.875 in	7.0 in	0.20 lb

STRAIGHT PATTERN TINNER SNIPS

- Hot drop-forged steel blades provide market-leading strength, durability, and excellent cutting performance over tool life
- Precision-ground cutting edges provide superior cutting quality & reduced cutting effort through optimized blade geometry
- Through broached bolt allows for market leading cycle cut life - yielding greater than 3X the ASME specification
- High durometer grips for superior comfort, control, and overall product durability
- Torque control handle rings provide superior comfort, fit, and are sized to accommodate hands with or without gloves
- Touch point ergonomics optimize hand & finger contact points in handles to maximize fit, control, and user ergonomics



Cat. No.	Handed	Cutter Head/Blades	Blade Length	Overall Length	Product Weight
WDF7S	Both	Smooth	1.62 in	7.2 in	1.44 lb
WDF10S	Both	Smooth	2 in	10.35 in	1.44 lb
WDF12S	Both	Smooth	2.75 in	12.28 in	1.70 lb

OFFSET PATTERN TINNER SNIPS



Cat. No.	Handed	Cutter Head/Blades	Blade Length	Overall Length	Product Weight
WDF100	Both	Smooth	2 in	11.25 in	1.46 lb

DUCKBILL PATTERN TINNER SNIPS



Cat. No.	Handed	Cutter Head/Blades	Blade Length	Overall Length	Product Weight
WDF10D	Both	Smooth	2 in	10.35 in	1.13 lb
WDF12D	Both	Smooth	2.75 in	12.28 in	1.72 lb

LIGHTWEIGHT ALUMINUM TINNER SNIPS

- Precision-ground cutting edges provide superior cutting quality & reduced cutting effort through optimized blade geometry
- Torque control handle rings provide superior comfort, fit, and are sized to accommodate hands with or without gloves
- Lightweight design heavy-duty die cast aluminum construction is durable & reduces user fatigue
- Control channel accommodates index finger for increased control and cutting stability
- Touch point ergonomics optimize hand & finger contact points in handles to maximize fit, control, and user ergonomics
- Easy adjust pivot bolt allows quick and easy adjustment to fine tune cutting blade tension for optimal cutting performance



Cat. No.	Handed	Cutter Head/Blades	Blade Length	Overall Length	Product Weight
WAL13S	Both	Smooth	3 in	12.8 in	1.40 lb

DROP POINT ALUMINUM HANDLE POCKET KNIFE

- Heavy-duty D2 steel blade provides excellent strength, edge retention, and overall product durability
- Smooth action heavy-duty ball bearing system provides quick and easy blade deployment for the life of the tool
- Ergonomic handle optimizes hand and finger contact points to maximize fit, control, and user ergonomics
- Drop point blade design provides tip strength and overall blade durability for a variety of cutting applications
- Easy action flipper tab for smooth blade deployment
- Liner lock mechanism provides secure locking of blade in open position and easy closing action
- Heavy-duty anodized aluminum handle provides excellent strength to weight ratio for optimal performance



Cat. No.	Handle Color	Handed	Cutter Head/Blades	Handle Material	Blade Length	Overall Length	Product Weight
CPK325A	Silver	Both	Drop Point	Aluminum	3.25 in	8.0 in	0.35 lb

DROP POINT COMPOSITE HANDLE POCKET KNIFE

- 5Cr15MoV steel blade features premium grade stainless steel and is precision-ground for excellent cutting performance
- Smooth action heavy-duty ball bearing system provides quick and easy blade deployment for the life of the tool
- Ergonomic handle optimizes hand and finger contact points to maximize fit, control, and user ergonomics
- Drop point blade design provides tip strength and overall blade durability for a variety of cutting applications
- Easy action flipper tab for easy blade deployment
- Liner lock mechanism provides secure locking of blade in open position and easy closing action
- Composite handle is ergonomically designed to optimize hand and finger contact points for enhanced fit and superior control



Cat. No.	Handle Color	Handed	Cutter Head/Blades	Handle Material	Blade Length	Overall Length	Product Weight
CPK325C	Black	Both	Drop Point	Glass Filled Nylon	3.25 in	8.0 in	0.35 lb

HARPOON BLADE COMPOSITE HANDLE POCKET KNIFE

- 5Cr15MoV steel blade features premium grade stainless steel and is precision-ground for excellent cutting performance
- Smooth action heavy-duty ball bearing system provides quick and easy blade deployment for the life of the tool
- Ergonomic handle optimizes hand and finger contact points to maximize fit, control, and user ergonomics
- Harpoon blade design provides overall blade durability and extra leverage for a variety of cutting applications
- Easy action flipper tab for easy blade deployment
- Liner lock mechanism provides secure locking of blade in open position and easy closing action
- Composite handle is ergonomically designed to optimize hand and finger contact points for enhanced fit and superior control



Cat. No.	Handle Color	Handed	Cutter Head/Blades	Handle Material	Blade Length	Overall Length	Product Weight
CPK350C	Black	Both	Harpoon	Glass Filled Nylon	3.5 in	8.5 in	0.45 lb

LOW PROFILE POCKET KNIFE

- Quality D2 steel blade endures heavy use and various conditions found on job sites
- Ball bearing design provides continuous smooth deployment even after heavy use
- Flipper tab allows easy, one-handed blade deployment
- Sleek clip design knife fully concealed when stored in pocket, holds up to heavy use
- Designed for maximum grip and comfort for improved cut control



Cat. No.	Handed	Cutter Head/Blades	Handle Material	Blade Length	Overall Length	Product Weight
CPK258FL	Both	Drop Point	Steel	2.5 in	6.25 in	0.18 lb

COMPACT FOLDING UTILITY POCKET KNIFE

- Tool-free blade change for more efficient use on the jobsite
- Compact design with smaller frame for easy storage and handling
- Resilient handle construction stands up to heavy use and tough jobsite conditions
- Ergonomic handle designed for maximum grip and comfort for improved cut control



Cat. No.	Handle Material	Number of Blades	Blade Material	Closed Length	Open Length	Product Weight
CTKCF	Zinc	1	Steel	3 in	5.25 in	0.24 lb

HYBRID FOLDING UTILITY KNIFE

- Combines the ergonomics of a pocket knife with the blade-changing functionality of a utility knife
- Resilient handle construction stands up to heavy use and tough jobsite conditions
- A sleek Lowpro or EDC position that keeps the knife 'hidden', allowing users to clip on and off belt/pocket all day long
- Ball bearing assisted design provides continuous smooth deployment even after heavy use
- EDC-style handle designed for maximum grip and comfort for improved cut control



Cat. No.	Handle Material	Number of Blades	Blade Material	Closed Length	Open Length	Product Weight
CTKFHEDC	Composite	1	Steel	4.5 in	7 in	0.28 lb

AUTO-RETRACTING SAFETY UTILITY KNIFE

- Blade automatically retracts when it loses contact with material, reducing the risk of injury
- Toggle button allows for quick, tool-free blade change
- Ergonomic features for improved grip and comfort
- Onboard storage for up to 5 extra blades in handle
- Handle features a lanyard hole for fastening



Cat. No.	Handle Material	Number of Blades	Blade Material	Product Weight
CTKAR	Aluminum	3	Steel	0.42 lb

RETRACTABLE UTILITY KNIFE

- Quick-release button for tool-free blade change
- Compact design for improved ergonomics and easier storage
- Onboard storage for up to 3 extra blades in handle
- Included notch feature for cutting string and stripping wire
- Slide button retracts blade for storage and to control cutting depth



Cat. No.	Handle Material	Number of Blades	Blade Material	Product Weight
CTKRTC	Aluminum	3	Steel	0.45 lb

FIXED BLADE UTILITY KNIFE

- Handle rotates to expose in-use blade
- Stores blades at once for a tool-free blade change
- Magnet keeps blade in place when changing blades
- Onboard storage for up to 5 extra blades in handle
- Adjustable blade position for controlled cutting depth



Cat. No.	Handle Material	Number of Blades	Blade Material	Product Weight
CTKFB	Aluminum	3	Steel	0.45 lb

FOLDING UTILITY KNIFE

- Slide button allows for quick, tool-free blade change
- Pocket knife-style ergonomics designed for improved grip and comfort
- Onboard storage for up to 3 extra blades in handle
- Secure locking mechanism ensures blade remains in open or closed position
- Knife folds for compact storage



Cat. No.	Handle Material	Number of Blades	Blade Material	Product Weight
CTKF3	Aluminum	3	Steel	0.45 lb

SNAP OFF UTILITY KNIVES

- Thumb bridge provides comfortable grip without contacting blade channel
- Removable end cap provides storage for up to 3 spare blades
- End cap doubles as a tool to safely snap off blade segments
- Tool-free blade change
- Ergonomic features for improved grip and comfort



Cat. No.	Handle Material	Number of Blades	Blade Material	Product Weight
CTK9S0	Plastic	3	Steel	0.32 lb
CTK18S0	Plastic	3	Steel	0.32 lb
CTK25S0	Plastic	3	Steel	0.32 lb

FIXED BLADE SERRATED KNIFE WITH SHEATH

- Pointed end and partially serrated edge provide a variety of applications
- Full metal core with black oxide coating increases durability
- Metal end cap on handle can be used for quick striking applications on the job
- Included plastic sheath protects blade when stored and can clip to belt or tool bag



Cat. No.	Handle Material	Handle Length	Blade Material	Blade Finish	Blade Length	Overall Length	Product Weight
CPKFX	Dual Material	5.5 in	Steel	Black Oxide	4.5 in	9.75 in	0.72 lb

INSULATION KNIFE

- Ergonomic flared handle prevents user's hand from slipping
- Full metal core increases durability
- Included sheath protects blade when stored
- Stainless steel blade can be resharpened
- Ergonomic features for improved grip and comfort



Cat. No.	Handle Material	Handle Length	Blade Material	Blade Length	Overall Length	Product Weight
CTKINS	Plastic	6 in	Stainless Steel	6 in	12.6 in	0.30 lb

STANDARD UTILITY REPLACEMENT BLADES

- Precision double-ground blade for superior edge retention
- Fits standard utility knives
- Heavy-duty blades with sharp points
- High-quality steel blades



Cat. No.	Number of Blades	Product Weight
RB-UB-5	5	0.01 lb
RB-UB-50	50	0.58 lb
RB-UB-100	100	1.07 lb

DRYWALL REPLACEMENT BLADES

- Optimized for cutting drywall
- Fits standard utility knives
- Includes 5 blades
- Heavy-duty blades with sharp points
- High-quality steel blades



Cat. No.	Point Style	Number of Blades	Product Weight
RB-DW-5	Sharp	5	0.65 lb

HOOK REPLACEMENT BLADES

- Hooked blade designed for deep cuts through thick material
- Fits standard utility knives
- Includes 50 blades and dispenser
- Heavy-duty blades with sharp points
- High-quality steel blades



Cat. No.	Point Style	Number of Blades	Product Weight
RB-HB-50	Hook	50	0.58 lb

SAFETY REPLACEMENT BLADES

- Rounded edges reduce risk of injury
- Fits standard utility knives
- Includes 5 blades
- Heavy-duty blades with sharp points
- High-quality steel blades



Cat. No.	Point Style	Number of Blades	Product Weight
RB-SF-5	Rounded	5	0.07 lb

SNAP-OFF REPLACEMENT BLADES

- Snap-off design provides fresh cutting edge
- Heavy-duty blades with sharp points
- High-quality steel blades
- Includes 5 blades



Cat. No.	Point Style	Works With	Number of Blades	Product Weight
RB-S09-5	Sharp	9mm Snap-Off Knives	5	0.04 lb
RB-S018-5	Sharp	18mm Snap-Off Knives	5	0.10 lb
RB-S025-5	Sharp	25mm Snap-Off Knives	5	0.23 lb

POWERPIVOT™ INDUSTRIAL GRADE CENTER CUT BOLT CUTTERS

- PowerPivot™ technology for superior cutting power
- Precision engineered induction hardened center cut blades
- Double compound cutting action
- Cuts materials up to Brinell 455 or Rockwell C48 hardness
- Heat treated for wear resistance and long cutting life
- Tubular steel handles for ultimate strength and cutting support
- Screw-type adjustment realigns edges
- NEVER use any H.K. Porter cutters on energized circuits, wire, or cable!



Cat. No.	Overall Length	Soft and Medium Hard Materials (Up to Brinell 300, Rockwell C31)	Hard Materials (Up to Brinell 455, Rockwell C48)	Max. Capacity	Reinforcing Rod and Bar	Product Weight
1490MCP	14.00 in	5/16 in, 8 mm	7/32 in, 5 mm	1/4 in, 6 mm	5/16 in, 8 mm	3.20 lb
0290MCP	30.95 in	1/2 in, 13 mm	3/8 in, 10 mm	7/16 in, 11 mm	1/2 in, 13 mm	10.44 lb
0390MCP	37.12 in	9/16 in, 14 mm	7/16 in, 11 mm	1/2 in, 13 mm	9/16 in, 14 mm	16.35 lb

HIGH LEVERAGE COMPOUND BOLT CUTTERS

- Lower force to cut for a superior cutting performance
- Integrated stabilizer on handles for increased leverage and control while cutting
- Lighter weight than previous H.K. Porter models for reduced fatigue and enhanced control
- All-purpose jaws with center-cut blades
- Cuts soft, medium, and hard materials
- NEVER use any Crescent cutters on energized circuits, wire, or cable!



Cat. No.	Overall Length	Soft and Medium Hard Materials (Up to Brinell 300, Rockwell C31)	Max. Capacity	Reinforcing Rod and Bar	Product Weight
CT18HLC	18 in	24HRC 10 mm	48HRC, 7 mm	#3 US Rebar	3.42 lb
CT24HLC	24 in	24 HRC 11 mm	48HRC, 8 mm	#3 US Rebar	5.86 lb

HIGH LEVERAGE COMPOUND BOLT CUTTER

Lower force to cut for a superior cutting performance.

The Crescent 24" High Leverage Compound Cutter features a new, patent pending stabilizer for increased leverage and control when cutting. The new lightweight design also features ergonomic grips for reduced fatigue and enhanced control. With a 12% lower force to cut, these cutters are specifically designed to allow comfortability while cutting through the toughest applications.



Improved Ergonomic Grips

Reduces fatigue and enhances control

CT24HLC

Patented Integrated Stabilizer on Handles

For increased leverage and control while cutting

16% Lighter Weight

For improved use

**compared to prior model 0190MCP*

Reduced Handle Span

For more leverage

**compared to prior model 0190MCP*

12% Lower Force to Cut

Compared to a leading competitor product
when tip cutting at 6mm 20 HRC

INDUSTRIAL GRADE, CENTER CUT CUTTERS

- Drop-forged precision ground, alloy steel jaws with center-cut blades
- Cut materials up to Brinell 455 or Rockwell C48 hardness
- Toggle joints turn 50 lbs of hand pressure into 4000 lbs of cutting pressure
- Screw-type adjustment realigns edges
- Cuts soft, medium, and hard materials
- Lock plate keeps jaws from loosening
- Steel handles with rubber grips
- Designed, engineered, and manufactured in the USA with global materials
- NEVER use any H.K. Porter cutters on energized circuits, wire, or cable!



Cat. No.	Overall Length	Soft and Medium Hard Materials (Up to Brinell 300, Rockwell C31)	Hard Materials (Up to Brinell 455, Rockwell C48)	Max. Capacity	Reinforcing Rod and Bar	Product Weight
1490MC	14.0 in	5/16 in, 8 mm	3/16 in, 5 mm	3/16 in, 5 mm	N/A	3.20 lb
0090MC	18.0 in	3/8 in, 10 mm	1/4 in, 6 mm	1/4 in, 6 mm	3/8 in, 10 mm	3.70 lb
0190MC	24.0 in	7/16 in, 11 mm	5/16 in, 8 mm	5/16 in, 8 mm	5/16 in, 8 mm	6.45 lb
0290MC	30.0 in	1/2 in, 13 mm	3/8 in, 10 mm	3/8 in, 10 mm	3/8 in, 10 mm	10.15 lb
0390MC	36.0 in	9/16 in, 14 mm	7/16 in, 11 mm	7/16 in, 11 mm	7/16 in, 11 mm	16.05 lb
0590MC	42.0 in	11/16 in, 18 mm	1/2 in, 13 mm	1/2 in, 13 mm	1/2 in, 13 mm	20.27 lb

GENERAL PURPOSE, CENTER CUT CUTTERS

- All-purpose jaws with center-cut blades
- Strong, lightweight fiberglass handles
- Toggle joints turn 50 lbs of hand pressure into 4000 lbs of cutting pressure
- Screw-type adjustment realigns edges
- Cuts soft, medium, and hard materials
- Cuts materials up to Brinell 455 or Rockwell C48 hardness
- Lock plate keeps jaws from loosening
- Designed, engineered, and manufactured in the USA with global materials
- NEVER use any H.K. Porter cutters on energized circuits, wire, or cable!



Cat. No.	Overall Length	Soft and Medium Hard Materials (Up to Brinell 300, Rockwell C31)	Hard Materials (Up to Brinell 455, Rockwell C48)	Max. Capacity	Reinforcing Rod and Bar	Product Weight
0090FC	18.25 in	3/8 in, 10 mm	1/4 in, 6 mm	1/4 in, 6 mm in	3/8 in, 10 mm	3.60 lb
0190FC	24.5 in	7/16 in, 11 mm	5/16 in, 8 mm	5/16 in, 8 mm in	3/8 in, 10 mm	5.70 lb
0290FC	30.5 in	1/2 in, 13 mm	3/8 in, 10 mm	3/8 in, 10 mm in	1/2 in, 13 mm	7.50 lb
0390FC	36.5 in	9/16 in, 14 mm	7/16 in, 11 mm	7/16 in, 11 mm in	1/2 in, 13 mm	13.40 lb

REPLACEMENT PARTS FOR GENERAL PURPOSE AND INDUSTRIAL GRADE CUTTERS



Cat. No.	Replacement Part Description	Cat. No.	Replacement Part Description
1413C	Cutterhead for Bolt Cutters 1490MC	0113C	Cutterhead for Bolt Cutters 0190MC, 0190FC
0013C	Cutterhead for Bolt Cutters 0090MC, 0090FC	0513C	Cutterhead for Bolt Cutters 0590MC

MULTI-PURPOSE WIRE CUTTER

- 25% lower force to cut compared to our prior model
- Optimal blade angle design allows for flush cuts and greater material access
- Ergonomic, non-slip grips enhance control and reduce hand fatigue
- Cuts 2.4mm/0.09in wire up to 46HRC
- Effortless auto-unlock latch for quick and easy use
- NEVER use any Crescent cutters on energized circuits, wire, or cable!



Cat. No.	Overall Length	Cutter Head/Blades	Hard Steel Diameter	Round Steel Tie Wire	Product Weight
CTMPWC9	9 in	Angle/ Clipper	15/16 in, 2.4mm	Yes	0.65 lb

COMPACT WIRE AND BOLT CUTTERS

- Induction hardened cutting edges for ultimate durability
- Ergonomic, non-slip grips enhance control and reduce hand fatigue
- NEVER use any Crescent cutters on energized circuits, wire, or cable!



Cat. No.	Overall Length	Cutter Head/Blades	Soft and Medium Hard Materials (Up to Brinell 300, Rockwell C31)	Max. Capacity	Product Weight
CT0690BC	6.5 in	Straight/ Center	60 Brinnell 5.3 mm	48 HRC, 3 mm	0.44 lb
CT0890BWC	8.5 in	Straight/ Center	60 Brinnell 6.35 mm	48 HRC, 3.8 mm	0.85 lb
CT0890BCA	8.5 in	Angle/ Clipper	80 Brinnell 6.35 mm	48 HRC, 3.8 mm	0.84 lb

COMPACT BOLT CUTTER WITH CO-MOLDED HANDLES

- Induction hardened center cut blades
- Recessed notch blade design holds cutting material close for extreme cutting power
- Heavy-duty spring creates a smooth cutting operation and is ideal for repetitive cutting
- Cuts mild steel (80,000 PSI) to 1/4", 6mm diameter
- Cuts very hard steel (285,000 PSI) to .14", 3.8mm diameter
- Co-mold handles for superior comfort with repetitive cutting
- User-friendly, robust locking device that is easy to use with gloves
- NEVER use any H.K. Porter cutters on energized circuits, wire, or cable!



Cat. No.	Overall Length	Cutter Head/Blades	Soft and Medium Hard Materials (Up to Brinell 300, Rockwell C31)	Hard Materials (Up to Brinell 455, Rockwell C48)	Max. Capacity	Product Weight
0890SMC	8.5 in	Straight / Center	3/16 in, 5 mm	0.14 in, 3.8 mm	3/16 in, 5 mm	0.90 lb

SHEAR TYPE HAND OPERATED CABLE CUTTERS

- Shear-cut blades give clean, sharp cut with minimal distortion
- Cuts copper or aluminum, power and communications cable
- Lightweight, rugged cutter
- Drop-forged, alloy steel jaws with shear-cut blades
- Fiberglass handles for 2-handed control
- Designed, engineered, and manufactured in the USA with global materials
- NEVER use any H.K. Porter cutters on energized circuits, wire, or cable!



Cat. No.	Overall Length	Copper and Aluminum Cable, Power/Comm. Cable	Max. Capacity	Cable Capacity	Product Weight
0290FCS	25.5 in	1-3/8 in, 35 mm	1-3/8 in, 35 mm	1-3/8 in, 35 mm	4.90 lb
0390FCS	32.0 in	1-3/4 in, 44.5 mm	1-3/4 in, 44.5 mm	1-3/4 in, 44.5 mm	8.00 lb

REPLACEMENT PARTS FOR SHEAR TYPE HAND OPERATED CABLE CUTTERS



Cat. No.	Replacement Part Description
0213CSS	Cutterhead for Cable Cutter 0290FCS
0313FCS	Cutterhead for Cable Cutter 0390FCS

ELECTRICAL CABLE CUTTERS

- Lower force to cut for a superior cutting performance
- Ergonomic, non-slip grips enhance control and reduce hand fatigue
- Optimized blades and pivot point for effortless cuts
- NEVER use any Crescent cutters on energized circuits, wire, or cable!



Cat. No.	Overall Length	Max. Capacity	Product Weight
CT0690ECC	6.5 in	1/0 AWG Aluminum & Copper Cable	0.80 lb
CT0890ECC	9.5 in	4/0 Aluminum & 2/0 Copper	1.00 lb

POCKET WIRE ROPE AND CABLE CUTTER

- Ergonomic, non-slip grips enhance control and reduce hand fatigue
- Spring assisted opening for quick compound action in cutting
- Cuts soft wire rope up to 1/4" / 8mm or hard wire rope up to 3/16" / 3mm
- NEVER use any Crescent cutters on energized circuits, wire, or cable!



Cat. No.	Overall Length	Max. Capacity	Product Weight
CT0690WRC	8 in	1/4 in (8mm) Soft Wire 3/16 in (3mm) Hard Wire Rope	0.80 lb

ACSR, WIRE ROPE AND CABLE CUTTER

- Shear-cut blades
- Cuts soft and hard steel cable, wire rope, and small ACSR cable
- Cuts Up to 3/8 in wire rope or up to 7/16 in ACSR
- Notch holds cable in blades
- Cuts copper and aluminum wire up to 1 in in size
- Steel handle with rubber grips
- NEVER use any H.K. Porter cutters on energized circuits, wire, or cable!



Cat. No.	Overall Length	Wire Rope	ACSR	Cable Capacity	Copper, Aluminum	Product Weight
0290FHJN	28.0 in	3/8 in, 10 mm	7/16 in, 11 mm	3/8 in, 10 mm	1 in, 25 mm	8.00 lb

STEEL STRAP CUTTER, 3/4"

- Sheer-cut blades give clean, smooth, easy cuts
- Lower jaw slides under the tightest strapping or staples
- Workhead has black oxide rust-resistant finish
- Spring action handles with plastisol grips open jaws automatically before and after each cut
- Cushion grip handle type with drop forged interior
- Cuts steel strap up to 3/4 in wide
- NEVER use any H.K. Porter cutters on energized circuits, wire, or cable!



Cat. No.	Overall Length	Cutter Head/Blades	Flat Steel Strap	Replacement Blade/Jaws	Product Weight
0990T	9.0 in	Hardened Steel	3/4 in x .035 in, 19 mm x 1 mm	None	1.25 lb

STEEL STRAP CUTTER, 1-1/4"

- Sheer-cut blades give clean, smooth, easy cuts
- Workhead has black oxide rust-resistant finish
- Cuts wide steel strap quickly and cleanly
- One-handed operation lets you make continuous cuts
- Cushion grip handles
- NEVER use any H.K. Porter cutters on energized circuits, wire, or cable!



Cat. No.	Overall Length	Cutter Head/Blades	Flat Steel Strap	Replacement Blade/Jaws	Product Weight
1290G	12.0 in	Hardened Steel	1 1/4 in x .050 in, 32 mm x 1 mm	None	1.70 lb

HEAVY DUTY, STEEL STRAP CUTTER, 2"

- Sheer-cut blades give clean, smooth, easy cuts
- Excellent for cutting pallet straps when loading and unloading freight cars, trucks or ships
- Cuts 2 in. x 0.05 in flat steel straps
- Long-handled, goose neck, two-hand operated cutter
- Keep hands away from cutting area
- NEVER use any H.K. Porter cutters on energized circuits, wire, or cable!



Cat. No.	Overall Length	Cutter Head/Blades	Flat Steel Strap	Replacement Blade/Jaws	Product Weight
2690GP	24.2 in	Hardened Steel	2 in x .050 in, 51 mm x 1 mm	None	6.80 lb

COMPACT RATCHETING CABLE CUTTER

- Compact, lightweight cutter for confined spaces
- Cutter has self-lubricating ratchet and only six moving parts
- Ratchet-type jaws with shear-cut blades
- Blades grip and hold while moderate pumping action cuts cable
- Fiberglass handles with non-slip, plastic grips
- MCM capacity measurement does not include cable insulation; conductor size only
- Cuts up to 500 MCM copper cable or up to 795 MCM aluminum cable
- Designed, engineered, and manufactured in the USA with global materials
- NEVER use any H.K. Porter cutters on energized circuits, wire, or cable!



Cat. No.	Overall Length	Cutter Head/Blades	Copper and Aluminum Cable, All Types	Replacement Blade/Jaws	Product Weight
6990FS	14.0 in	Hardened Steel	1-3/16 in, 30 mm	None	4.15 lb

RATCHET TYPE, SOFT CABLE CUTTER

- Shear cut blades give clean, smooth, easy cuts
- Jaw keeper feature prevents jaws from spreading while under heavy load
- Cuts copper and aluminum communications power cable up to 2 in thick
- Cuts all types of copper and aluminum cables up to 2500 MCM
- Ratchet and chain design increases cutting pressure as handles open and close
- Ratchet provides up to 5x the mechanical advantage over manual cutters
- Can be used effectively with short strokes in confined spaces
- Designed, engineered, and manufactured in the USA with global materials
- NEVER use any H.K. Porter cutters on energized circuits, wire, or cable!



Cat. No.	Overall Length	Cutter Head/Blades	Copper and Aluminum Cable, All Types	Replacement Blade/Jaws	Product Weight
8690FSK	27.5 in	Hardened Steel	2 in, 51 mm	8613FSK	12.60 lb

RATCHET-TYPE, HARD CABLE CUTTER

- Shear-cut blades give clean, smooth, easy cuts
- Jaw keeper feature prevents jaws from spreading while under heavy load
- Ratchet and chain design increase cutting pressure as handles open and close
- Ratchet provides up to 5x the mechanical advantage over manual cutters
- Can be used effectively with short strokes in confined spaces
- Cuts ACSR, ACAR, ZEBRA, and self-supporting telephone cable up to -1-3/16 in thick
- Not recommended for cutting insulated copper or aluminum cable
- Can be used effectively with short strokes in confined spaces
- Designed, engineered, and manufactured in the USA with global materials
- NEVER use any H.K. Porter cutters on energized circuits, wire, or cable!



Cat. No.	Overall Length	Copper and Aluminum Cable, Power/Comm. Cable	Replacement Blade/Jaws	Product Weight
8690FH	29.25 in	1-3/16 in, 30 mm	8613FH	12.40 lb

RATCHET TYPE, GUY STRAND CUTTER

- Notched shear-cut blades hold material firmly in place
- Makes clean, square cuts with minimal distortion
- Ratchet and chain design produces easy, progressive cuts
- Cuts EHS guy strand up to 1/2 in. thick, mild steel rods and bolts, and similar materials
- Increased mechanical advantage over manual cutters
- Designed, engineered, and manufactured in the USA with global materials
- NEVER use any H.K. Porter cutters on energized circuits, wire, or cable!



Cat. No.	Overall Length	Cutter Head/Blades	EHS Guy Strand	Common Guy Strand	Replacement Blade/Jaws	Product Weight
8690CK	28.0 in	Hardened Steel	1/2 in, 13 mm	1/2 in, 13 mm	8613CK	10.34 lb

RATCHET TYPE, WIRE ROPE CUTTER

- Ratchet-type jaws with notched shear-cut blades
- Blades hold and lock material in place during the cut
- Cuts aircraft cable, EHS guy strand, wire rope and stainless steel cable up to 5/8 in thick
- Cuts all strands with minimal crushing or distortion
- Increased mechanical advantage compared to manual cutters
- Designed, engineered, and manufactured in the USA with global materials
- NEVER use any H.K. Porter cutters on energized circuits, wire, or cable!



Cat. No.	Overall Length	Cutter Head/Blades	EHS Guy Strand	Common Guy Strand	Aircraft Cable, Hard Stainless Steel Cable	Replacement Blade/Jaws	Product Weight
8690TN	36.0 in	Hardened Steel	5/8 in, 16 mm	5/8 in; 16 mm	5/8 in, 16 mm	8613TN	11.00 lb

REPLACEMENT PARTS FOR 8690 CUTTERS

Cat. No.	Replacement Part Description
8658FHB	Closing Springs for 8690 Tools
8613FH	Cutterhead for Cable Cutter 8690FH
8613CK	Cutterhead for Cable Cutter 8613CK
8613TN	Cutterhead for Cable Cutter 8613TN
8613FSK	Cutterhead for Cable Cutter 8690FSK
8690RK2	Link Repair Kit for 8690 Tools
8690RK3	Chain Repair Kit for 8690 Tools
8690RK4	Ratchet Handle Kit for 8690 Tools
8690RK1	Snubber Repair Kit for 8690 Tools



NET-LINK CLOSER FOR CLOSING CHAIN LINKS

- Used on commercial fishing boats and draggers for net and mooring chains
- Designed to close heavy chain link
- Toggle joints turn 50 lbs hand pressure into 4000 lbs cutting pressure
- Screw-type adjustment realigns edges
- Replacement cutterhead: 0213LC
- Made in the USA
- NEVER use any H.K. Porter cutters on energized circuits, wire, or cable!



Cat. No.	Overall Length	Capacity Link Diameter	Replacement Blade/Jaws	Product Weight
0290MLC	30.0 in	3/8 in, 10 mm	0213LC	7.80 lb

HEAVY-DUTY PNEUMATIC CUTTERS

- Heavy-duty model for 90-130 PSI
- Heavy-duty workhead has 5" bore [127mm] and 3" stroke [76mm]
- Used in the wire-shelving industry
- Cuts soft, medium, or hard materials
- Center cut jaws
- Cutting controlled by manual pressure
- Filter-lubricator units recommended in air supply line for longest tool life
- No exhaust shock
- Designed, engineered and assembled in the USA with global components
- NEVER use any H.K. Porter cutters on energized circuits, wire, or cable!



Cat. No.	A	B	C	Capacity (US)	Product Weight
9290C	17.5 in	10 in	3.75 in	1/2 in, 13 mm	18.25 lb

LIGHT-DUTY PNEUMATIC CUTTERS

- Lightweight model for 80-120 PSI
- Light-duty workhead has 4" bore [102mm] and 2" stroke [51mm]
- Cuts soft, or medium materials
- Clipper cut jaws
- Cutting controlled by manual pressure
- Filter-lubricator units recommended in air supply line for longest tool life
- No exhaust shock
- Made in the USA
- NEVER use any H.K. Porter cutters on energized circuits, wire, or cable!



Cat. No.	Cutter Head/Blades	A	B	C	Capacity (US)	Product Weight
9190C	Center Cut	15 in	7.25 in	3.125 in	3/8 in, 10 mm	11.00 lb

REPLACEMENT PARTS FOR PNEUMATIC CUTTERS

Cat. No.	Replacement Part Description
R9190	Repair kit for Pneumatic Cutter 9190C
9113C	Cutterhead for Pneumatic Cutter 9190C
9140	Cylinder Assembly for 9190 Tools
9213C	Cutterhead for Pneumatic Cutter 9290C
R9290	Repair kit for Pneumatic Cutter 9290C



REBAR CUTTER AND BENDER

- Shear-cut blades
- Cuts and bends to 90° or 180°
- Mounts on most flat surfaces to enhance leverage and increase safety
- Maximum rebar size capacity: 5/8 inches
- Steel construction for durability
- NEVER use any H.K. Porter cutters on electrified circuits, wire, or cable!



Cat. No.	Jaw Capacity	Overall Length	Replacement Head	Product Weight
0590RBJN	0.625 in	52.0 in	0513RBJN	44.00 lb

INDEXING REBAR BENDERS

- 14-position indexing head adjusts with center push-button to allow total access for maximum leverage
- Extra-sturdy steel handles for the toughest conditions
- Super-strong indexing head grips rebar securely for accurate bends



Cat. No.	Number of Positions	Jaw Capacity	Overall Length	Product Weight
RB4	14	0.375 in, 0.50 in	22.44 in	4.20 lb
RB5	14	0.625 in	44.25 in	8.75 lb
RB6	14	0.75 in	44.25 in	8.75 lb

12" FAST TENSION HACKSAW

- Ultra-fast tensioning lever takes only 5 twists to fully tension blade
- Comfort grip designed for maximum grip and comfort
- Ergonomic two-handle design provides a secure and comfortable grip for powerful cuts
- Store up to 5 blades in the storage compartment for convenient access
- Switch blade position to 45° angle for flush cuts



Cat. No.	Type of Frame	Tooth Type	Overall Length	Product Weight
CTHACK	High Tension	Standard	16.5 in	2.50 lb

HIGH TENSION COMPACT HACKSAW

- Multi-size blade compatibility accepts both 10" and 12" blades
- Adjust the position of the blade for flush cuts
- Patent pending in-handle twist tensioning system provides easy blade tensioning for superior cuts
- Comfort grip designed for maximum grip and comfort
- Longer throat allows for more efficient cut strokes extending the cut capacity



Cat. No.	Type of Frame	Blade Length	Tooth Type	Overall Length	Product Weight
CTMHACK	High Tension	10 in, 12 in	Standard	12.0 in	0.70 lb

BI-METAL HACKSAW REPLACEMENT BLADES

- Bi-metal construction for added durability
- Great for cutting most metals and PVC
- Compatible with hacksaws or compact hacksaws
- 24 teeth per inch



Cat. No.	Overall Length	Blade Type	TPI/PPI	Number of Blades	Product Weight
CRBB1003	10 in	Wavy	24	3	0.16 lb
CRBB1203	12 in	Wavy	24	3	0.16 lb
CRBB1206	12 in	Wavy	24	6	0.16 lb



STRIKING & STRUCK

HAMMERS

PUNCHES & CHISELS

PRY & WRECKING

HATCHETS & AXES

INNOVATIVE **HAMMERS**

Strike out vibration with our revolutionary technology

Our line of professional hammers come with forged steel heads and handles with our revolutionary VibeGuard™ technology — making these hammers best-in-class at vibration reduction. Crescent hammers are also precisely balanced for better swing force and have a larger sweet spot for greater accuracy with every swing.



Textured Fawn's Foot Grip/Tether Ready

Ergonomically sound and sure grip

VibeGuard™ Vibration Control System

Utilizes vibration dampening slot technology, coupled with a vibration control handle made from proprietary materials to minimize vibration when striking by 70%

Magnetic Nail Starter

Stronger, faster way to one-handed nail set

Optimized Strike Face

Larger bell to minimize mishits, and optimizes market leading power to weight performance

CHSGP20

STEEL GENERAL PURPOSE HAMMERS

- Utilizes vibration dampening slot technology, coupled with a vibration control handle made from proprietary materials to minimize vibration when striking by 70%
- Optimized strike face with a larger sweet spot to prevent miss hit and provide greater impact
- Magnetic nail starter holds nails securely under the hammer head for quick and easy one hand nail starting
- Textured fawn's foot grip gives users an ergonomically sound and sure grip on the hammer
- Precision-balanced design with precise weight distribution leads to better accuracy and amplifies force of each swing



Cat. No.	Claw Type	Nail Starter	Striking Face Pattern	Head Weight (oz)	Overall Length	Product Weight
CHSGP16	Ripping	Yes	Smooth	16 oz	14.0 in	1.764 lb
CHSGP20	Ripping	Yes	Smooth	20 oz	14.0 in	1.984 lb

STEEL CLAW HAMMER



Cat. No.	Claw Type	Nail Starter	Striking Face Pattern	Head Weight (oz)	Overall Length
CHSGPC20	Ripping	Yes	Smooth	20 oz	14.73 in

STEEL FRAMING HAMMERS



Cat. No.	Claw Type	Nail Starter	Striking Face Pattern	Head Weight (oz)	Overall Length	Product Weight
CHSFRM22	Ripping	Yes	Checkered	22 oz	16.0 in	2.425 lb
CHSFRM28	Ripping	Yes	Checkered	28 oz	16.0 in	2.425 lb
CHSFRS22-06	Ripping	Yes	Smooth	22 oz	16.0 in	2.425 lb

STEEL DEMO HAMMER



Cat. No.	Claw Type	Nail Starter	Striking Face Pattern	Head Weight (oz)	Overall Length	Product Weight
CHSDM22	Ripping	Yes	Checkered	22 oz	16.0 in	2.425 lb

WOOD FRAMING HAMMER

- Optimized strike face with a larger sweet spot to prevent miss hit and provide greater impact
- Magnetic nail starter holds nails securely for quick and easy one hand nail starting
- Textured fawn's foot grip gives users an ergonomically sound and sure grip on the hammer
- Precision-balanced design with precise weight distribution leads to better accuracy and amplifies force of each swing
- Genuine grade A hickory handle helps dampen vibration upon impact.
- Head attachment process provides best-in-class pull-off prevention



Cat. No.	Claw Type	Nail Starter	Striking Face Pattern	Head Weight (oz)	Overall Length
CHFRAM22	Ripping	Yes	Checkered	22 oz	18.0 in

FIBERGLASS GENERAL PURPOSE HAMMERS

- Utilizes vibration dampening slot technology, coupled with a vibration control handle made from proprietary materials to minimize vibration when striking by 70%
- Optimized strike face with a larger sweet spot to prevent miss hit and provide greater impact
- Magnetic nail starter holds nails securely for quick and easy one hand nail starting
- Textured fawn's foot grip gives users an ergonomically sound and sure grip on the hammer
- Precision-balanced design with precise weight distribution leads to better accuracy and amplifies force of each swing
- Permabond® construction securely attaches the head to the handle



Cat. No.	Claw Type	Nail Starter	Striking Face Pattern	Head Weight (oz)	Overall Length	Product Weight
CHFGP16	Ripping	Yes	Smooth	16 oz	14.0 in	1.653 lb
CHFGP20	Ripping	Yes	Smooth	20 oz	14.0 in	1.874 lb

RIP CLAW HAMMERS WITH FIBERGLASS HANDLE

- Head and claw forged of carbon steel and finished with a corrosion and rust resistant clear coat
- Contoured handle to increase comfort and reduce fatigue
- Solid fiberglass handle covered with a molded nylon jacket
- Comfortable cushion-grip handle with an enlarged base for butting materials
- PermaBond® construction securely attaches the head to the handle
- Extended steel throat prevents breakage due to overstrike
- Factory balanced for maximum striking power and control
- Magnetic nail starter holds nails securely above the hammer head for quick and easy one hand nail starting



Cat. No.	Claw Type	Nail Starter	Striking Face Pattern	Head Weight (oz)	Head Length	Face Diameter	Handle Length	Overall Length	Product Weight
11419C-06	Ripping	Yes	Smooth	16 oz	5.41 in	1.16 in	5.5 in	13.0 in	1.200 lb
11418C-06	Ripping	Yes	Smooth	20 oz	5.78 in	1.21 in	5.5 in	13.0 in	1.750 lb

FIBERGLASS DRILLING HAMMER

- Dual faced hammer has one waffled striking face for increased demo effectiveness and one smooth face for traditional drilling applications
- Fiberglass core with PP sleeve for maximum vibration reduction and strength to survive the rigors of the jobsite
- Textured ambidextrous grip gives the user an ergonomically sound and sure grip
- Heavy duty, over-sized protective sleeve to prevent damage due to overstrike
- Hang hole for convenient storage



Cat. No.	Head Weight (lb)	Overall Length	Product Weight
CHFDRL32	2 lb	4.0 in	2.581 lb
CHFDRL48	3 lb	4.0 in	3.563 lb

FIBERGLASS BLACKSMITH HAMMERS

- Heavy duty, over-sized protective sleeve to prevent damage due to overstrike
- Forged carbon steel head helps maximize the strike life of the hammer vs the competition
- Textured ambidextrous grip give users an ergonomically sound and sure grip on the hammer
- Fiberglass core with PP sleeve provides maximum vibration reduction and strength to survive the rigors of the jobsite
- Permabond® construction securely attaches the head to the handle
- Hang hole for convenient storage



Cat. No.	Head Weight (oz)	Head Length	Face Diameter	Handle Length	Overall Length
CHFBS40	40 oz	5 in	2.05 in	11 in	13.5 in
CHFBS64	64 oz	5 in	2.2 in	11 in	14.0 in

FIBERGLASS ENGINEER'S HAMMERS



Cat. No.	Head Weight (oz)	Head Length	Face Diameter	Handle Length	Overall Length	Product Weight
CHFENG40	40 oz	5 in	2.05 in	11	13.5 in	2.786 lb
CHFENG64	64 oz	5.5 in	2.2 in	11	14.0 in	4.286 lb

STEEL BRICK HAMMERS

- One piece forging provides the ultimate durability and strength
- 15% wider chisel blade aids in the splitting and chipping of bricks, cinderblock and other masonry blocks
- Textured ambidextrous grip gives users an ergonomically sound and sure grip
- Traditional smooth face head for striking
- Hang hole for convenient storage



Cat. No.	Head Weight (oz)	Overall Length
CHSBK15	15 oz	7.0 in
CHSBK24	24 oz	8.0 in

Tough gets the job done.
Smart gets the job done right.

STEEL SHINGLER HAMMER

- Precision ground and hardened steel blade help the hatchet last longer and be more effective
- Milled strike face for driving nails
- Utility blade for cutting and score shingles and underlayment
- Textured ambidextrous grip give users an ergonomically sound and sure grip on the hammer
- Hang hole for convenient storage



Cat. No.	Head Weight (oz)	Head Length	Handle Length	Overall Length	Product Weight
CHSRFG28	28 oz	6 in	11 in	12.5 in	1.832 lb

STEEL DRYWALL HAMMER

- V-notch for pulling or prying free nails



Cat. No.	Head Weight (oz)	Head Length	Face Diameter	Handle Length	Overall Length	Product Weight
CHSDRWL11	11 oz	6 in	0.69 in	11 in	12.5 in	1.410 lb

INDEXING CLAW HAMMER WITH STEEL HANDLE

- Extra-large smooth striking face provides solid contact when driving nails or persuading boards/materials
- Four unique positions for accessing and prying nails and boards with increased leverage
- Magnetic nail starter holds nails securely under the hammer head for quick and easy one hand nail starting
- Handle and claw are forged of carbon steel for maximum strength and finished with clear coat to prevent corrosion and rust
- TPR grip lets user comfortably apply more force when prying and prevents slippage when swinging with force



Cat. No.	Claw Type	Nail Starter	Striking Face Pattern	Head Weight (oz)	Head Length	Face Diameter	Handle Length	Overall Length	Product Weight
CINDEX18	Indexing	Yes	Smooth	18 oz	5.25 in	1.18 in	7 in	14.0 in	2.110 lb

WOOD BALL PEIN HAMMERS

- Precision ground edges aids the user during detailed and finish jobs
- Genuine grade A hickory handle helps dampen vibration upon impact
- Enhanced grip finish provides sure grip and reduces slipping
- Hang hole for convenient storage



Cat. No.	Head Weight (oz)	Overall Length
CHWBP16	16 oz	13.85 in
CHWBP24	24 oz	15.59 in
CHWBP32	32 oz	15.59 in

WOOD CHISELS

- Full metal core from the strike cap to the tip
- Comfort grip designed to reduce user fatigue
- Oversized strike cap for added safety
- Precision ground and corrosion resistant drop forged carbon steel blades for long tool life
- Handle designed with parallel flats to reduce tool roll off



Cat. No.	Width of Cut	Overall Length	Product Weight
CWCH14	0.25 in	9.5 in	0.620 lb
CWCH38	0.375 in	9.5 in	0.660 lb
CWCH12	0.50 in	9.5 in	0.680 lb
CWCH58	0.625 in	9.5 in	0.700 lb
CWCH34	0.75 in	9.5 in	0.730 lb
CWCH10	1 in	9.5 in	0.790 lb
CWCH114	1.25 in	9.5 in	0.870 lb
CWCH112	1.5 in	9.5 in	0.920 lb
CWCH20	2 in	9.5 in	1.040 lb

4 PC. WOOD CHISEL SET



Cat. No.	Product Weight		
CWCHS4	1.810 lb		
Cat. No.	Description	Cat. No.	Description
CWCH14	1/4" Wood Chisel	CWCH34	3/4" Wood Chisel
CWCH12	1/2" Wood Chisel	CWCH10	1" Wood Chisel

—|—
Tough gets the job done.
Smart gets the job done right.
—|—

3 PC. WOOD CHISEL SET



Cat. No.	Product Weight
CWCHS3	1.350 lb
Cat. No.	Description
CWCH12	1/2" Wood Chisel
CWCH34	3/4" Wood Chisel
CWCH10	1" Wood Chisel

COLD CHISELS

- Extended length keeps tool holding hand away from obstructions and debris
- Striking cap design reduces mushrooming and keeps users' hands away from contact
- High-viz coloring and bold size markings to make quick and easy identification while on the job
- Forged and heat treated steel for durability and long tool life



Cat. No.	Width of Cut	Overall Length	Product Weight
CCOCH38	0.375 in	6.5 in	0.150 lb
CCOCH12	0.50 in	7.0 in	0.250 lb
CCOCH58	0.625 in	7.5 in	0.460 lb
CCOCH34	0.75 in	7.5 in	0.724 lb

3 PC. COLD CHISEL SET



Cat. No.	Product Weight
CCOCHS3	0.986 lb
Cat. No.	Description
CCOCH38	3/8" x 6-1/2" Cold Chisel
CCOCH12	1/2" x 7" Cold Chisel
CCOCH58	5/8" x 7-1/2" Cold Chisel

COLD CHISELS WITH HANDGUARD

- Durable handguard survives 7X more strikes
- Non-slip handguard design keeps the guard in place on the chisel
- Heat treated steel for longer durability
- Lacquer coating to prevent rust
- Tested to 150% of the ASME Standards



Cat. No.	Width of Cut	Overall Length	Product Weight
CBCH30H	3 in	8.5 in	1.830 lb
CBPC34H	3/4 in	12.0 in	2.116 lb
CC1H12	1 in	12.0 in	2.070 lb
CECH234H	2-3/4 in.	9.0 in	1.890 lb
CFCH212H	2-1/2 in	10.0 in	2.004 lb
CMCH214H	2-1/4 in	7.75 in	1.758 lb

BRICK CHISEL

- Enlarged striking cap to protect users hands and prevent mushrooming
- Rawhide paint creates a high-viz design with bold size markings
- Heat treated steel for longer durability
- Lacquer coating to prevent rust
- Tested to 150% of the ASME Standards



Cat. No.	Width of Cut	Overall Length	Product Weight
CBCH40	4 in.	7 in	1.200 lb

FLOORING CHISEL



Cat. No.	Width of Cut	Overall Length	Product Weight
CFCH30	3 in.	12.0 in	1.621 lb

MASONRY CHISEL



Cat. No.	Width of Cut	Overall Length	Product Weight
CMCH134	1-3/4 in.	7.5 in	0.893 lb

UTILITY CHISEL

- Slim design to reduce weight
- Rawhide paint creates a high-viz design with bold size markings
- Heat treated steel for longer durability
- Lacquer coating to prevent rust
- Tested to 150% of the ASME Standards



Cat. No.	Width of Cut	Overall Length	Product Weight
CUCH114	1-1/2 in.	12 in	1.071 lb

12 PC. PUNCH AND CHISEL SET

- Extended length keeps tool holding hand away from obstructions and debris
- Striking cap design reduces mushrooming and keeps users' hands away from contact
- Recessed stock provides better control while using the tool
- High-viz coloring and bold size markings to make quick and easy identification while on the job
- Forged and heat treated steel for durability and long tool life



Cat. No.	Product Weight		
CPCCHS12	2.484 lb		
Cat. No.	Description	Cat. No.	Description
-	1/16" Pin Punch	-	5/32" Center Punch
-	1/8" Pin Punch	-	1/4" Center Punch
-	5/32" Pin Punch	-	5/16" Center Punch
-	3/16" Pin Punch	CCOCH38	3/8" x 6-1/2" Cold Chisel
-	1/4" Pin Punch	CCOCH12	1/2" x 7" Cold Chisel
-	5/16" Pin Punch	CCOCH58	5/8" x 7-1/2" Cold Chisel

6 PC. PIN PUNCH SET



Cat. No.	Product Weight
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CPPS456 1.023 lb

Cat. No.	Description	Cat. No.	Description
-	1/16" Pin Punch	-	3/16" Pin Punch
-	1/8" Pin Punch	-	1/4" Pin Punch
-	5/32" Pin Punch	-	5/16" Pin Punch

3 PC. STEEL NAIL PUNCH SET

- Carbon steel for added durability
- Black oxide coating reduces corrosion
- Laser-etched markings to easily identify sizes
- Knurled shaft for a better grip
- Included sizes: 1/32", 2/32", 3/32"



Cat. No.	Product Weight
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CNPS12332S 0.385 lb

Cat. No.	Description
-	1/32" Steel Nail Punch
-	2/32" Steel Nail Punch
-	3/32" Steel Nail Punch

3 PC. DUAL MATERIAL NAIL PUNCH SET

- Full metal core from the strike cap to the tip provides added strength when striking
- Comfort grip designed to reduce user fatigue
- Oversized strike cap for added safety
- Handle designed with parallel flats to reduce tool roll off
- Color-coded by tip size for easy identification



Cat. No.	Product Weight
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CNPS12332G 0.462 lb

Cat. No.	Description
-	1/32" Dual Material Steel Nail Punch
-	2/32" Dual Material Steel Nail Punch
-	3/32" Dual Material Steel Nail Punch

INDEXING NAIL PULLER

- Patented indexing head design indexes over 180 degrees and locks in 14 positions for better access and leverage
- High-Viz corrosion resistant finish to protect against rust and increase durability
- Raised striking surface allow for use with a hammer or mallet to help loosen and penetrate nails or boards
- Ergonomic handles provides comfort while prying
- Highly durable and heat treated forged steel is designed to maximize product life and provide ultimate durability

Cat. No.	Overall Length	Product Weight
DB12NP-06	12.0 in	1.900 lb



SLIDING NAIL PULLER

- Sliding box joint allows for nail puller to be hammered into material to extract deep nails or staples
- Low profile jaw easily grabs and extracts sunken nails & staples with minimal material damage
- Highly durable and heat treated forged steel is designed to maximize product life and provide ultimate durability
- Metal strike cap allows for product to be used with a hammer or mallet if necessary
- Corrosion resistant paint finish allows for longer lasting durability

Cat. No.	Product Weight
56NP	6.110 lb



DOUBLE END NAIL PULLER

- Precision ground ends and edges allow for better access without damaging the surrounding material
- High-Viz corrosion resistant finish to protect against rust and increase durability
- Two sided nail puller to provide better access and leverage
- Rocker style head for better leverage when pulling or prying nails
- Highly durable and heat treated forged steel is designed to maximize product life and provide ultimate durability

Cat. No.	Overall Length	Product Weight
CNP12	12.0 in	1.170 lb



NAIL PULLERS

- Precision ground ends and edges allow for better access without damaging the surrounding material
- High-Viz corrosion resistant finish to protect against rust and increase durability
- Highly durable and heat treated forged steel is designed to maximize product life and provide ultimate durability
- Rocker style head for better leverage when pulling or prying nails
- Beveled nail slots on each end



Cat. No.	Overall Length	Product Weight
NPWC9G	9 in	0.540 lb
NPWC10	10 in	0.900 lb
NPWC12	12 in	1.117 lb
NPWC14	14 in	1.850 lb

BULL BAR INDEXING DECKING REMOVAL TOOL

- Double fork design provides balanced lift on both sides of the nail for faster, cleaner, lower-effort board removal
- Rugged indexing joint allows for maximum flexibility and increased leverage
- Precision tips designed for fast access between boards and reduced damage for reclaiming materials
- Gripping teeth on forks assist in preventing board slippage
- Patent-pending center nail puller allows better balance and more leverage



Cat. No.	Tip Width	Overall Length	Product Weight
DKB446X	5.5 in	44.0 in	7.650 lb

INDEXING FLAT PRY BARS

- Patented indexing head design indexes over 180 degrees and locks in 15 positions for better access and leverage
- Raised striking surface allows for use with a hammer or mallet to help loosen and penetrate nails or boards
- Dual material grip provides comfort, control and safety while applying force
- Precision ground edges allow for better access without damaging the surrounding material
- Highly durable and heat treated forged steel is designed to maximize product life and provide ultimate durability



Cat. No.	Overall Length	Product Weight
DB18X-06	18.0 in	2.900 lb
DB30X-06	30.0 in	4.700 lb

ADJUSTABLE PRY BARS

- Adjustable jaws and nail puller slides and clamps onto objects for easier straightening and prying
- Two raised striking surfaces for use with a hammer or mallet
- Phosphate finish helps prevent corrosion
- Dual material grip provides comfort, control and safety while applying force
- Precision ground edges allow for better access without damaging the surrounding material
- Highly durable and heat treated forged steel is designed to maximize product life and provide ultimate durability



Cat. No.	Overall Length	Product Weight
DB16-07	16.0 in	3.350 lb
DB24-07	24.0 in	4.340 lb

MINI PRY BAR

- Hexagonal hole specifically designed to fit 10mm hex bolts for multi-purpose use
- Hi-Viz corrosion resistant finish to protect against rust and increase durability
- Compact size means the pry bar is easily stored in a pocket or tool pouch for easy accessibility and transportation
- Can be used for prying molding or trim, paint cans, or pulling nails
- Highly durable and heat treated forged steel is designed to maximize product life and provide ultimate durability



Cat. No.	Overall Length	Product Weight
FB5	5.25 in	0.195 lb

3 PC. PRY BAR SET

- 5-1/4" pry bar is designed with a hex hole to fit 10MM bolts for multi-purpose use
- Set includes 7" and 10" pry bars as well



Cat. No.	Product Weight
FB3PC	0.915 lb
Cat. No.	Description
FB5	5-1/4" Mini Pry Bar
-	7" Flat Bar
-	10" Flat Bar

FLAT PRY BAR WITH GRIP

- Precision ground ends and edges allow for better access without damaging the surrounding material
- Hi-Viz corrosion resistant finish to protect against rust and increase durability
- 3 Beveled nail slots allow for easy prying of nails and access to nails at tough angles
- Over molded grip provides comfort, control and safety while applying force
- Highly durable and heat treated forged steel is designed to maximize product life and provide ultimate durability



Cat. No.	Overall Length	Product Weight
FB7-06	7.0 in	0.600 lb
FB13-06	13.0 in	1.500 lb
FB15-06	15.0 in	1.700 lb

STEEL WRECKING PRY BARS

- Highly durable and heat treated forged steel is designed to maximize product life and provide ultimate durability
- High-Viz corrosion resistant finish to protect against rust and increase durability
- 3 Beveled nail slots allow for easy prying of nails and access to nails at tough angles
- I-Beam design allows for the product to be 40% lighter and maintain the same strength as typical round bars
- Precision ground ends and edges allow for better access without damaging the surrounding material



Cat. No.	Overall Length	Product Weight
PB18	18.0 in	1.400 lb
PB24	24.0 in	5.510 lb
PB30	30.0 in	6.900 lb
PB36	36.0 in	8.200 lb
PB42	42.0 in	9.500 lb
PB48	48.0 in	6.456 lb

MOULDING PRY BARS

- Precision ground ends and edges allow for better access without damaging the surrounding material
- High-Viz corrosion resistant finish to protect against rust and increase durability
- Highly durable and heat treated forged steel is designed to maximize product life and provide ultimate durability
- Rocker style head for better leverage when pulling or prying nails



Cat. No.	Tip Width	Overall Length	Product Weight
MB8-06	1.4 in	8.0 in	0.500 lb
MB10-06	1.8 in	10.0 in	1.000 lb
MB12-06	2.0 in	12.0 in	1.580 lb
MB16	2.5 in	16.0 in	2.19 lb

FIBERGLASS HATCHET

- Precision ground blade with optimal cutting angle splits wood with ease
- Wrap around head and neck prevents the hatchet from separating from the handle
- Textured fawns foot grip give users an ergonomically sound and sure grip
- Rear striking face for driving stakes, nails and demolition work
- Heavy duty, oversized protective sleeve prevents damage due to overstrike



Cat. No.	Head Weight (oz)	Overall Length	Product Weight
CFHATCH20	20 oz	14.0 in	1.894 lb

STEEL CAMPING HATCHET

- Precision ground and hardened steel blades help the hatchet last longer and be more effective
- Rear striking face for driving stakes, nails, and demolition work
- Polypropylene sheath with a belt clip for easy transportation
- Built in V-notch for pulling stakes and cutting string/twine & branches
- Textured California style grip gives users an ergonomically sound and sure grip on the hatchet
- Integrated hang hole for convenient storage



Cat. No.	Head Length	Handle Length	Overall Length
CSHATCH16	6 in	13	16.0 in

FIBERGLASS AXE

- Blade is optimized to split and penetrate wood
- Heavy duty, over-sized protective sleeve to prevent damage due to overstrike
- Nylon jacket allows users to glide hand down the axe handle for a clean and precise two-handed swing
- Textured fawn's foot grip gives users an ergonomically sound and sure grip on the axe
- Hang hole for hanging in storage



Cat. No.	Head Length	Handle Length	Overall Length
CFHATCH26	6 in	23	26.0 in



FILES & MATERIAL REMOVAL

TERMINOLOGY

AMERICAN PATTERN FILES

AMERICAN PATTTERN RASPS

SWISS PATTERN FILES

ACCESSORIES

AMERICAN PATTERN **FILES**

Fit and Finish in a Single Tool

These American pattern flat files have a bastard cut on one side for aggressive material removal and a smooth cut on the other for more precise finishing. Rough fitting and fine finishing capabilities are combined in a single file to help get jobs done faster.



Special Tooth Construction

Tapers slightly toward the point to reduce clogging

Double Cut on Sides

For faster material removal

Single Cut on Edges

Provides additional versatility

Consistently Precise Cut

Provides maximum material removal per stroke and longer product life

21981N

FILE TERMINOLOGY

COARSENESS

American Pattern



Bastard cut



Second cut



Smooth cut

Swiss Pattern Files



00



0



1



2



3



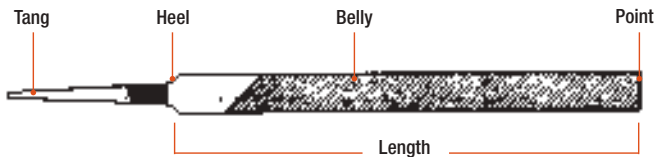
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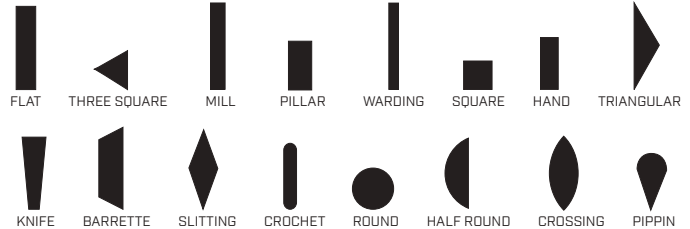
- Work to be accomplished, such as roughing or finishing, will determine type of teeth and coarseness for each application
- Most American pattern files are available with 3 grades of cut: bastard-cut, second-cut and smooth-cut
- Swiss pattern files are available in seven cuts: No. 00, 0, 1, 2, 3, 4, and 6
- The degree of coarseness is greater in longer files, but differences between bastard, second and smooth are proportionate

LENGTH



- Length is measured exclusive of tang, from point to heel, unless specified otherwise
- Desired stroke length, type of material and size will determine length required

SHAPE



- Area to be filed will determine specific cross-section (round, square, flat, etc.) to be used

Kinds of Teeth

SINGLE-CUT



- Single set of parallel, diagonal rows of teeth
- Single-cut files are often used with light pressure to produce a smooth surface finish or to put a keen edge on knives, shears or saws

RASP-CUT



- Series of individual teeth formed by a single-pointed tool
- Produces a rough cut that is used primarily on wood, hooves, aluminum and lead

MAGICUT®



- Single cut teeth divided by angular serrations into shorter cutting edges, which free themselves readily from chips and perform roughing and smoothing at the same time

DOUBLE-CUT



- 2 sets of diagonal rows of teeth
- Second set of teeth cut in opposite diagonal direction and on top of the first set
- First set of teeth is known as the overcut, second is upcut
- Upcut is finer than overcut
- Double-cut file is used with heavier pressure than the single-cut and removes material faster from the workpiece

CURVED-CUT



- Teeth arranged in curved contours across the file face
- Curved-cut file is normally used in automotive body shops for smoothing body panels

2-IN-1 BASTARD & SMOOTH CUT FILES

- American pattern flat file with bastard cut on one side and smooth cut on the other, providing aggressive material removal and precise finishing capability in one file
- Rectangular in cross section and tapers slightly towards the point
- Double cut on sides and single cut on edges
- Precision engineered to provide maximum material removal per stroke and long product life
- Special tooth construction reduces clogging



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
21908N	8 in	Bastard and Smooth	No	Carded	0.210 lb	6

2 PC. 2-IN-1 BASTARD & SMOOTH CUT FILE SET



Cat. No.	Product Weight
21981N	0.640 lb
Cat. No.	Description
21908N	8" 2-in-1 Bastard and Smooth Cut File
21910N	10" 2-in-1 Bastard and Smooth Cut File

9 PC. ERGONOMIC FILE SET

- Set includes must-have files, which cover a wide range of usage scenarios
- Includes four 10" bastard cut files
- Two 6" tapered files
- Two 8" bastard cut files
- One 12" mill bastard cut file
- Rubber-coated ergonomic handles for better comfort and control
- Includes pouch for storage and organization



Cat. No.	Included Storage	Product Weight		
22030HNNN	Pouch	4.35 lb		
Cat. No.	Description	Cat. No.	Description	
21701HNN	10" Mill Bastard Cut File with Ergonomic Handle	21868HNN	10" Flat Bastard Cut File with Ergonomic Handle	
21842HNN	12" Mill Bastard Cut File with Ergonomic Handle	21729HNN	6" Slim Taper File with Ergonomic Handle	
-	8" Half Round Bastard Cut File with Ergonomic Handle	-	6" Double Extra Slim Taper File with Ergonomic Handle	
-	10" Half Round Bastard Cut File with Ergonomic Handle	-	10" Round Bastard Cut File with Ergonomic Handle	
21748HNN	8" Flat Bastard Cut File with Ergonomic Handle			



Tough gets the job done.
Smart gets the job done right.

5 PC. ERGONOMIC FILE SET

- Rubber-coated ergonomic handles for better comfort and control
- General purpose selection for home and professional use
- Set of 5 files fits easily and securely into rugged, compact pouch



Cat. No.	Included Storage	Product Weight
22040HNNN	Pouch	2.20 lb

Cat. No.	Description	Cat. No.	Description
21694HNN	8" Mill Bastard Cut File with Ergonomic Handle	21748HNN	8" Flat Bastard Cut File with Ergonomic Handle
21701HNN	10" Mill Bastard Cut File with Ergonomic Handle	21746HNN	10" Half Round Bastard Cut with Ergonomic Handle
21729HNN	6" Slim Taper File with Ergonomic Handle		

3 PC. 6" ERGONOMIC FILE SET

- Set includes half round bastard, mill bastard, round bastard files
- Rubber-coated ergonomic handles for better comfort and control
- Bastard coarseness grade for a rough finish
- Basic selection for home and professional use
- Includes pouch for storage and organization

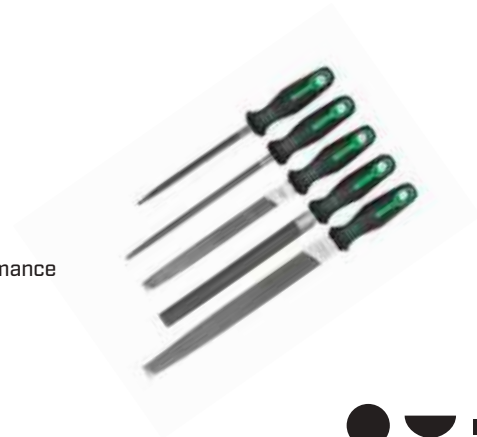


Cat. No.	Included Storage	Product Weight
22015HNNN	Pouch	0.70 lb

Cat. No.	Description
21687HNN	6" Mill Bastard Cut File with Ergonomic Handle
-	6" Round Bastard Cut with Ergonomic Handle
-	6" Half Round Bastard Cut File with Ergonomic Handle

5 PC. ANNIVERSARY FILE SET

- Industrial assortment includes 6-in. slim taper, 8-in. round, 8-in. single-cut mill, 8-in. half-round, and 10-in. double-cut flat files
- Ergonomic co-molded handles with anniversary design provide a comfortable grip, enhancing productivity and reducing hand fatigue
- Tempered steel construction offers strength and durability for long-lasting performance
- Must-have files to cover a broad range of uses
- Includes pouch for storage and organization



Cat. No.	Included Storage	Product Weight
22150HIN	Pouch	1.730 lb

Cat. No.	Description	Cat. No.	Description
21694HNN	8" Mill Bastard Cut File with Ergonomic Handle	-	8" Half Round Bastard Cut File with Ergonomic Handle

(Continued on next page)

5 PC. ANNIVERSARY FILE SET *(Continued from previous page)*

Cat. No.	Description	Cat. No.	Description
21729HNN	6" Slim Taper File with Ergonomic Handle	-	8" Round Bastard Cut File with Ergonomic Handle
21868HNN	10" Flat Bastard Cut File with Ergonomic Handle		

9 PC. MAINTENANCE FILE SET

- An all-encompassing 9-piece maintenance file set
- Includes five different 10" files
- Includes three 8" files and rasps
- Includes one 6" slim taper file
- For home and professional use
- Includes pouch for storage and organization



Cat. No.	Included Storage	Product Weight
22030NNN	Pouch	3.45 lb

Cat. No.	Description	Cat. No.	Description
03633NN	8" Flat Smooth Cut File	21854	10" Round Bastard Cut File
03732NN	10" Flat Smooth Cut File	21842NN	12" Mill Bastard Cut File
21868NN	10" Flat Bastard Cut File	21866NN	6" Slim Taper File
21857LN	8" Half Round Bastard Cut File	21860NNN	8" 4-in-Hand® Rasp and File
21858N	10" Half Round Bastard Cut File		

8 PC. MACHINIST FILE SET

- File shapes and coarseness grades offer a range of shop uses for added versatility
- Complete set conveniently fits into rugged compact pouch for easy transport and storage
- Bastard-cut files are perfect for rough work and aggressive material removal
- Must-have file set for every machinist
- Includes pouch for storage and organization



Cat. No.	Included Storage	Product Weight
22025NNN	Pouch	3.35 lb

Cat. No.	Description	Cat. No.	Description
21868NN	10" Flat Bastard Cut File	21854	10" Round Bastard Cut File
03732NN	10" Flat Smooth Cut File	T21455	8" Flie Cleaner
21858N	10" Half Round Bastard Cut File	14255MN	7" Slim Taper File
21839NN	10" Mill Bastard Cut File	T13196	10" Square Bastard Cut File

5 PC. GENERAL PURPOSE SET

- Set includes 10" half round bastard, 8" mill bastard, 8" mill smooth, 10" mill bastard, 6" slim taper files
- General-purpose files for a range of home and professional uses
- Bastard-cut files are perfect for rough work and aggressive material removal
- Slim taper files are excellent for precision work
- Includes pouch for storage and organization



Cat. No.	Included Storage	Product Weight
22040NNN	Pouch	1.80 lb

Cat. No.	Description	Cat. No.	Description
21858N	10" Half Round Bastard Cut File	21839NN	10" Mill Bastard Cut File
21832NN	8" Mill Bastard Cut File	21866NN	6" Slim Taper File
-	8" Mill Smooth Cut File		

3 PC. FILE PACK

- For home and professional use
- Pack contains files for every purpose
- 6"/150mm slim taper file
- 6"/150mm round file
- 6"/150mm mill bastard file
- Includes pouch for storage and organization



Cat. No.	Included Storage	Product Weight
22015NNN	Pouch	0.28 lb

Cat. No.	Description
21825NN	6" Mill Bastard Cut File
21846NN	6" Round Bastard Cut File
21866NN	6" Slim Taper File

6 PC.

AMERICAN PATTERN FILE ASSORTMENT

- 6-Piece 4" file set includes warding, half round, round, hand, square, and slim taper files
- Must-have files to cover a broad range of uses
- All files come with handles
- Kit comes in bastard-cut only
- Includes pouch for storage and organization



Cat. No.	Included Storage	Product Weight
22062NNN	Pouch	0.40 lb

Cat. No.	Description	Cat. No.	Description
-	4" Warding Bastard Cut File with Wood Handle	-	4" Hand Bastard Cut File with Wood Handle
-	4" Half Round Bastard Cut File with Wood Handle	-	4" Square Bastard Cut File with Wood Handle
-	4" Round Bastard Cut File with Wood Handle	-	4" Slim Taper Bastard Cut File with Wood Handle

10" GENERAL PURPOSE LAMINATE FILE WITH HANDLE

- American pattern, bastard file
- Single-cut
- For use on plastic, aluminum, or laminate
- Rapid metal removal
- Results in fine to medium finish



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
21690NN	10 in	Bastard	Yes	Carded	0.650 lb	6

TYPE "A" FLAT ALUMINUM FILES

- American pattern flat file specifically designed to file aluminum
- Special tooth construction eliminates clinging and clogging when filing aluminum
- Flat shape fits into restricted areas and removes material quickly
- All sizes have same number of teeth per inch
- Obtain a smooth finish by using a shearing cut in a leftward motion



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
00024NN	8 in	Double Cut	No	Boxed	0.25 lb	12
00047NN	10 in	Double Cut	No	Boxed	0.45 lb	6
00070NN	12 in	Double Cut	No	Boxed	0.80 lb	6

FLAT FILES

- American pattern files available in bastard, second, and smooth cut in a variety of the most common lengths
- Ideal for machinists, machinery builders, ship and engine builders
- Can be used effectively by repairmen and others who require rapid removal of metal
- Rectangular cross section allows you to smooth and sharpen straight surfaces, while slight taper in width towards the file's point creates ease of access in slots
- Double-cut on the sides for rough filing and single-cut on the edges for a smooth finish



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
03367NN	4 in	Bastard	No	Boxed	0.03 lb	12
21867NN	6 in	Bastard	No	Carded	0.15 lb	3
03467NN	6 in	Bastard	No	Boxed	0.10 lb	12
21862NN	8 in	Bastard	No	Carded	0.20 lb	3
03566NN	8 in	Bastard	No	Boxed	0.25 lb	12
21748HNN	8 in	Bastard	Yes	Carded	0.35 lb	6
21868NN	10 in	Bastard	No	Carded	0.48 lb	3
03665NN	10 in	Bastard	No	Boxed	0.45 lb	6
21868HNN	10 in	Bastard	Yes	Carded	0.60 lb	3
03762NN	12 in	Bastard	No	Carded	0.75 lb	6
03764NN	12 in	Bastard	No	Boxed	0.352	6
03863NN	14 in	Bastard	No	Boxed	0.545	6
03980NN	16 in	Bastard	No	Boxed	2.00 lb	6
03500NN	6 in	Second	No	Boxed	0.10 lb	12
03599NN	8 in	Second	No	Boxed	0.25 lb	12
03698NN	10 in	Second	No	Boxed	0.45 lb	6
03797NN	12 in	Second	No	Boxed	0.80 lb	6
03434NN	4 in	Smooth	No	Boxed	0.03 lb	12
03534NN	6 in	Smooth	No	Carded	0.15 lb	6
03533NN	6 in	Smooth	No	Boxed	0.10 lb	12
03633NN	8 in	Smooth	No	Carded	0.25 lb	6
03632NN	8 in	Smooth	No	Boxed	0.25 lb	12
03732NN	10 in	Smooth	No	Carded	0.60 lb	6
03731NN	10 in	Smooth	No	Boxed	0.45 lb	6
03830NN	12 in	Smooth	No	Boxed	0.80 lb	6
03929NN	14 in	Smooth	No	Boxed	0.545	6

HALF ROUND FILES

- American pattern files available in bastard, second, and smooth cut in a variety of the most common lengths
- Perfect for use on concave, convex, and flat surfaces
- Two-sided file is rounded on 1 side and flat on the other, so you can round out holes with ease
- Rounded sides of pipeliner files are single-cut, allowing you to quickly remove material from the work piece
- Pipeliner file is single-cut on both sides



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
04695N	4 in	Bastard	No	Boxed	0.06 lb	12
21881N	6 in	Bastard	No	Carded	0.15 lb	6
04795N	6 in	Bastard	No	Boxed	0.13 lb	12
21857LN	8 in	Bastard	No	Carded	0.31 lb	3
21745N	8 in	Bastard	Yes	Carded	0.40 lb	6
04896N	8 in	Bastard	No	Boxed	0.27 lb	12
21858N	10 in	Bastard	No	Carded	0.56 lb	6
21746HN	10 in	Bastard	Yes	Carded	0.69 lb	6
04995N	10 in	Bastard	No	Boxed	0.55 lb	6
05090N	12 in	Bastard	No	Carded	0.90 lb	6
05094N	12 in	Bastard	No	Boxed	0.85 lb	6
05190N	14 in	Bastard	No	Boxed	1.50 lb	6
05194N	14 in	Bastard	No	Boxed	1.25 lb	6
05307N	16 in	Bastard	No	Boxed	1.99 lb	6
04729N	4 in	Second	No	Boxed	0.06 lb	12
04828N	6 in	Second	No	Boxed	0.10 lb	12
04927N	8 in	Second	No	Boxed	0.25 lb	12
05026N	10 in	Second	No	Boxed	0.49 lb	6
05125N	12 in	Second	No	Boxed	0.90 lb	6
04762N	4 in	Smooth	No	Boxed	0.06 lb	12
04861N	6 in	Smooth	No	Boxed	0.10 lb	12
04960N	8 in	Smooth	No	Boxed	0.25 lb	12
05059N	10 in	Smooth	No	Boxed	0.53 lb	6
05158N	12 in	Smooth	No	Boxed	0.95 lb	6

HAND FILES

- American pattern files available in bastard, second, and smooth cut in a variety of the most common lengths
- Rectangular shape for efficient filing across a large surface
- Double-cut abrasive surfaces perfect for widening holes or smoothing a plane
- One safe edge to protect finished surfaces or your hands during use
- Coarseness matches flat files of the same length



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
05738N	6 in	Bastard	No	Boxed	0.15 lb	12
05853N	8 in	Bastard	No	Boxed	0.30 lb	12
05968N	10 in	Bastard	No	Boxed	0.50 lb	6
06084N	12 in	Bastard	No	Boxed	0.95 lb	6
05771N	6 in	Second	No	Boxed	0.15 lb	12
05886N	8 in	Second	No	Boxed	0.30 lb	12
06001NN	10 in	Second	No	Boxed	0.50 lb	6
06117N	12 in	Second	No	Boxed	0.95 lb	6
05804N	6 in	Smooth	No	Boxed	0.15 lb	12
05919N	8 in	Smooth	No	Boxed	0.30 lb	12
06034N	10 in	Smooth	No	Boxed	0.50 lb	6
06150N	12 in	Smooth	No	Boxed	0.95 lb	6

KNIFE FILES

- American pattern files available in bastard, second, and smooth cut in a variety of the most common lengths
- Used primarily by tool and diemakers who need to file acute angles
- Triangular shape is perfect for trade work and filing interior angles
- Double-cut on sides for faster material removal; single-cut on the sharp edge
- All Crescent knife-shape files are supplied with safe backs



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
06711N	4 in	Bastard	No	Boxed	0.03 lb	12
06804N	6 in	Bastard	No	Boxed	0.10 lb	12
06898N	8 in	Bastard	No	Boxed	0.15 lb	12
06992N	10 in	Bastard	No	Boxed	0.35 lb	6
07085N	12 in	Bastard	No	Boxed	0.70 lb	6
06836N	6 in	Second	No	Boxed	0.10 lb	12
06930N	8 in	Second	No	Boxed	0.15 lb	12
06773N	4 in	Smooth	No	Boxed	0.03 lb	12
06867N	6 in	Smooth	No	Boxed	0.10 lb	12
06961N	8 in	Smooth	No	Boxed	0.15 lb	12
07054N	10 in	Smooth	No	Boxed	0.35 lb	12

HANDY FILES

- American pattern handy file
- Single cut on one side allows you to sharpen and smooth metal surfaces
- Double cut on the reverse side can be used for general filing and rapid stock removal
- Rectangular shape lets you smooth and sharpen straight surfaces
- File features one cut edge and one safe edge to let you work in tight spaces



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
06601NN	8 in	Single/Double	No	Carded	0.37 lb	6
06602NN	8 in	Single/Double	No	Boxed	0.60 lb	12
06686NN	12 in	Single/Double	No	Boxed	0.90 lb	6

LONG ANGLE LATHE FILES

- American pattern flat long-angle lathe file
- Rapid, free-cutting files designed for lathe filing on wood or soft metals
- Rectangular shape is reliably strong and has a wide surface for faster filing
- Single-cut pattern is perfect for smoothing edges or precision work
- Safe edges designed to protect lathe and file when working close to the edges of a work piece
- Made on flat file blanks with a bastard-cut style that is coarser to the touch
- Cuts faster than regular mill files and leaves a smoother finish



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
07835N	8 in	Fine	No	Boxed	0.30 lb	12
07842N	10 in	Fine	No	Boxed	0.50 lb	6
07851N	12 in	Fine	No	Boxed	0.93 lb	6
07863N	14 in	Fine	No	Boxed	1.40 lb	6
07657NN	10 in	Bastard	No	Boxed	0.45 lb	6
07688NN	12 in	Bastard	No	Boxed	0.80 lb	6
07719NN	14 in	Bastard	No	Boxed	1.10 lb	6

MAGICUT® FLAT FILES

- American pattern flat Magicut® file
- All-purpose file is ideal for machinists and removes stock rapidly
- Rectangular shape allows you to smooth and sharpen straight surfaces
- Narrow chip breaker pattern created by steep, angled serrations helps quickly remove material and provides a smoother finish
- Slight taper in width towards the file's point creates ease of access in slots



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
07894NN	8 in	Single Cut	No	Boxed	0.25 lb	12

Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
07917NN	10 in	Single Cut	No	Boxed	0.45 lb	6
07941NN	12 in	Single Cut	No	Boxed	0.80 lb	6

MILL FILES

- American pattern files available in bastard, second, and smooth cut in a variety of the most common lengths
- Sharpens mill or circular saws
- Great for draw filing and finishing metals
- Rectangular shape lets you smooth and sharpen straight surfaces
- Single-cut texture on the sides and edges for applying a smooth finish
- Two square edges allow you to make grooves fixed at the same width as the file
- All sizes taper slightly in width to improve access in slots



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
08243NN	4 in	Bastard	No	Boxed	0.03 lb	12
21825NN	6 in	Bastard	No	Carded	0.18 lb	6
08354NN	6 in	Bastard	No	Boxed	0.10 lb	12
21687HNN	6 in	Bastard	Yes	Carded	0.25 lb	6
21687NN	6 in	Bastard	Yes	Carded	0.25 lb	6
21832NN	8 in	Bastard	No	Carded	0.25 lb	6
08497NN	8 in	Bastard	No	Boxed	0.25 lb	12
21694HNN	8 in	Bastard	Yes	Carded	0.35 lb	6
21694NN	8 in	Bastard	Yes	Carded	0.35 lb	6
21839NN	10 in	Bastard	No	Carded	0.60 lb	6
08642NN	10 in	Bastard	No	Boxed	0.45 lb	6
21701HNN	10 in	Bastard	Yes	Carded	0.60 lb	6
21701NN	10 in	Bastard	Yes	Carded	0.60 lb	6
21842NN	12 in	Bastard	No	Carded	0.72 lb	3
08737NN	12 in	Bastard	No	Boxed	0.80 lb	6
21842HNN	12 in	Bastard	Yes	Boxed	0.80 lb	
08832NN	14 in	Bastard	No	Boxed	1.10 lb	6
08385NN	6 in	Second	No	Boxed	0.10 lb	12
08529NN	8 in	Second	No	Boxed	0.25 lb	12
08673NN	10 in	Second	No	Boxed	0.45 lb	12
08768NN	12 in	Second	No	Boxed	0.80 lb	6
08306NN	4 in	Smooth	No	Boxed	0.03 lb	12
08416NN	6 in	Smooth	No	Boxed	0.10 lb	12
08560NN	8 in	Smooth	No	Boxed	0.25 lb	12
08704NN	10 in	Smooth	No	Boxed	0.45 lb	12
08799NN	12 in	Smooth	No	Boxed	0.80 lb	6
08894NN	14 in	Smooth	No	Boxed	1.10 lb	6

AXE SHARPENING FILES

- American pattern axe sharpening file
- Ideal file for sharpening axes and miscellaneous garden tools
- Rectangular shape has a large surface area for faster filing work
- Double-cut on one side for rough filing and single-cut on the opposite for finishing
- This file has two safe edges to work easily in restricted confines without damage



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
06706NN	8 in	Double / Single	No	Carded	0.50 lb	6
06704NN	8 in	Double / Single	No	Boxed	0.45 lb	12

SQUARE FILES

- Used on slots, keyways and general surface filing
- Double cut for faster material removal
- Tapered slightly towards point
- Larger sizes frequently preferred to corresponding flat files due to a heavier section and four filing surfaces



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
12790	4 in	Bastard	No	Boxed	0.03 lb	12
12967	6 in	Bastard	No	Boxed	0.10 lb	12
13081	8 in	Bastard	No	Boxed	0.10 lb	12
T13196	10 in	Bastard	No	Boxed	0.30 lb	12
13310	12 in	Bastard	No	Boxed	0.65 lb	6
13033	6 in	Smooth	No	Boxed	0.08 lb	12
13147	8 in	Smooth	No	Boxed	0.55 lb	12
13262	10 in	Smooth	No	Boxed	0.30 lb	12
13376	12 in	Smooth	No	Boxed	0.31 lb	6

ROUND FILES

- Round shape
- Double cut
- Tapers throughout length to fine point
- Made in much finer cuts, which vary from No. 00 [coarsest] to No. 4 [finest]



Cat. No.	File/Rasp Length	Diameter	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
40651N	6 in	3/16 in	0	No	Boxed	0.04 lb	12
40663N	6 in	3/16 in	2	No	Boxed	0.04 lb	12
40687N	8 in	1/4 in	00	No	Boxed	0.08 lb	12

CHAINSAW FILES

- American pattern, round chainsaw file for sharpening the teeth of any chainsaw blade
- Tighten tension on the chainsaw's chain to firmly support cutting edge for filing
- File from the inside to the outside of the cutter
- Place file against beveled cutting surface of teeth at an angle of 20° to 45° with saw
- Sharpen all left-hand cutters on one side of chain
- Then move to the other side and file all the right-hand cutters
- We recommend that you check the depth gauge height every 2 or 3 sharpening's
- Height between cutting teeth and depth gauge ranges between .020" to .030"
- Round shaped file with a knurled cut for more aggressive sharpening



Cat. No.	File/Rasp Length	Diameter	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
02228B	8 in	5/32 in	Knurl Cut	No	Bagged	0.057	4
02229B	8 in	3/16 in	Knurl Cut	No	Bagged	0.081	4
02230B	8 in	7/32 in	Knurl Cut	No	Bagged	0.10 lb	4

DEPTH GAUGE CHAIN SAW FILE

- American pattern depth gauge chain saw file
- Rectangular shape
- Single cut, safe edges
- Used for filing and maintaining proper depth gauge clearance



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
02244NN	8 in	Single	No	Boxed	0.08 lb	12

ROUND CHAIN SAW FILES

- American pattern file with knurl cut
- Tighten tension on chain to firmly support cutters when filing
- Place file against beveled cutting surface of teeth 20° to 45° with saw
- File from inside to outside of cutter
- Sharpen all left-hand cutters on one side of chain and move to the other side and file all the right-hand cutters
- Check depth gauge height every 2 or 3 sharpening's
- Height between cutting teeth and depth gauge is between .020" to .030"
- Follow the manufacturer's specifications for safe usage



Cat. No.	File/Rasp Length	Diameter	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
T01590	6 in	1/8 in	Knurl Cut	No	Carded	0.08 lb	6
02144N	6 in	1/8 in	Knurl Cut	No	Boxed	0.02 lb	6
T01630	6 in	5/32 in	Knurl Cut	No	Carded	0.08 lb	3
T01891	8 in	5/32 in	Knurl Cut	No	Carded	0.09 lb	6

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ROUND CHAIN SAW FILES *[Continued from previous page]*

Cat. No.	File/Rasp Length	Diameter	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
T01765	8 in	3/16 in	Knurl Cut	No	Carded	0.09 lb	6
T01888	8 in	7/32 in	Knurl Cut	No	Carded	0.10 lb	3
02230B	8 in	7/32 in	Knurl Cut	No	Bagged	0.10 lb	4
T01974	8 in	1/4 in	Knurl Cut	No	Carded	0.14 lb	6
02147N	8 in	1/4 in	Knurl Cut	No	Boxed	0.10 lb	1

TAPER FILES

- American pattern taper file
- Expertly made to effectively file saws with 60° angle teeth
- Triangular shape makes accessing tight internal angles and squaring corners easy
- Single cut construction is ideal for sharpening tools, finish filing, and draw filing
- Edges set and cut for filing gullets between saw teeth
- Tapers slightly towards the point
- Select the right file when filing handsaws for long-lasting performance



Cat. No.	File/Rasp Length	Style	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
13807MN	6 in	Regular	Single	No	Boxed	0.15 lb	12
13875MN	8 in	Regular	Single	No	Boxed	0.35 lb	12
14106MN	4 in	Slim	Single	No	Boxed	0.03 lb	12
14162MN	5 in	Slim	Single	No	Boxed	0.05 lb	12
21866NN	6 in	Slim	Single	No	Carded	0.11 lb	6
14224MN	6 in	Slim	Single	No	Boxed	0.09 lb	12
21729HNN	6 in	Slim	Single	Yes	Carded	1.00 lb	6
14255MN	7 in	Slim	Single	No	Boxed	0.14 lb	12
14290MN	8 in	Slim	Single	No	Boxed	0.30 lb	12
14341NNN	10 in	Slim	Single	No	Boxed	0.410 lb	12
14547MN	4 in	Extra Slim	Single	No	Boxed	0.02 lb	12
14599MN	5 in	Extra Slim	Single	No	Boxed	0.03 lb	12
21873NN	6 in	Extra Slim	Single	No	Carded	0.05 lb	6
14665MN	6 in	Extra Slim	Single	No	Boxed	0.05 lb	12
21736NN	6 in	Extra Slim	Single	Yes	Carded	0.19 lb	6
14729NN	8 in	Extra Slim	Single	No	Boxed	0.20 lb	12
14942MN	4 in	Double Extra Slim	Single	No	Boxed	0.02 lb	12
14992MN	5 in	Double Extra Slim	Single	No	Boxed	0.03 lb	12
21874NN	6 in	Double Extra Slim	Single	No	Carded	0.05 lb	6
15024NN	6 in	Double Extra Slim	Single	No	Boxed	0.05 lb	12
21743NN	6 in	Double Extra Slim	Single	Yes	Carded	0.20 lb	6
15056NN	7 in	Double Extra Slim	Single	No	Boxed	0.04 lb	12

TUNGSTEN POINT FILES

- American pattern file with tungsten-tipped teeth
- Ideal for dressing distributor points that are tipped with tungsten or iridium
- Thin rectangular shape fits into restricted areas without compromising on strength
- Double-cut pattern is perfect for rougher work or removing material quickly
- Chisel-shaped teeth enter slots or gaps easily
- Handle-shaped tang can fit into larger cushioned handles or be a handle by itself



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
02375NN	5.25 in	Double	No	Carded	0.03 lb	6
02373NN	5.25 in	Double	No	Boxed	0.05 lb	12

WARDING FILES

- American pattern files available in bastard, second, and smooth cut in a variety of the most common lengths
- Used primarily by locksmiths in repairing and filing the ward notches in keys
- Thin rectangular shape lets you work on fine objects or in small areas
- Double-cut on sides and single-cut on edges for more versatile performance
- Also suited for use in narrow spaces where other files won't fit



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
16507NN	4 in	Bastard	No	Boxed	0.03 lb	12
16663NN	6 in	Bastard	No	Boxed	0.10 lb	12
16761NN	8 in	Bastard	No	Boxed	0.15 lb	12
16573NN	4 in	Smooth	No	Boxed	0.03 lb	12
16729NN	6 in	Smooth	No	Boxed	0.10 lb	12
16827NN	8 in	Smooth	No	Boxed	0.15 lb	12

THREE SQUARE FILES

- American pattern triangle file available in bastard and smooth cut styles
- Double-cut pattern is perfect for rougher work or removing material quickly
- For use by machinists for filing internal angles
- Filing taps and gutters
- More acute than right angles, clearing out square corners
- Sharp corners are slightly set and cut
- Cut to the point



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
15925NNN	6 in	Bastard	No	Boxed	0.17 lb	12
16036NNN	8 in	Bastard	No	Boxed	0.40 lb	12
16147NNN	10 in	Bastard	No	Boxed	0.55 lb	12
15991NNN	6 in	Smooth	No	Boxed	0.17 lb	12
16102NNN	8 in	Smooth	No	Boxed	0.35 lb	12

3 PC.

4-IN-1 COMBINATION CHISEL AND WOOD RASP SET

- Half round wood rasp for enlarging round surfaces
- Flat wood rasp for rapid stock removal
- Edge teeth for removal of materials in confined areas
- High quality steel chisel for cutting and scraping
- Co-molded handle for comfort and grip
- Striking cap



Cat. No.	Product Weight
WCSET3CMNNN	1.8 lb
Cat. No.	Description
-	1/2" Wood Chuck Combination Chisel and Wood Rasp
-	3/4" Wood Chuck Combination Chisel and Wood Rasp
-	1" Wood Chuck Combination Chisel and Wood Rasp

4-IN-HAND® RASPS

- 4-in-1 combination file and wood rasp
- Includes two types of rasps and two files
- Half-round wood rasp for enlarging round surfaces
- Flat wood rasp for rapid stock removal
- Both half-round and flat files for smoothing curved surfaces
- Precision engineered to provide maximum material removal per stroke and long product life
- Machine milled for precise material removal
- Reduces the number of files needed on a job



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
21860NNN	8 in	Rasp/Single/Double	No	Carded	0.36 lb	6
18924NNN	8 in	Rasp/Single/Double	No	Boxed	0.35 lb	6

PATTERN MAKER'S CABINET RASPS

- American pattern rasp
- Used primarily by cabinetmakers and other woodworking trade professionals
- Versatile half-round shape lets you work on a variety of projects
- Narrow-pattern cut edges let you file material in narrow, restricted areas
- Used when a smooth wood finish is required
- Tanged design integrates with any Crescent adjustable handle



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
18846N	10 in	Second	No	Boxed	0.25 lb	6
18861N	10 in	Smooth	No	Boxed	0.25 lb	6

CABINET RASPS

- American pattern rasp
- Used by cabinetmakers and woodworkers
- Half-round shape for use on concave, convex, and flat surfaces
- Single cut on edges for applying a smooth finish
- Curved side of rasps similar to half-round rasps but has larger radius
- Tanged design integrates with any Crescent adjustable handle



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
17683N	10 in	Regular Second	No	Boxed	0.40 lb	6
17751N	12 in	Regular Second	No	Boxed	0.80 lb	6

FARRIER'S HANDY RASPS

- Farrier's American pattern rasp
- Rectangular shape
- Single cut on edges
- Comfortable cushion grip at point and handle
- Rasp teeth on one side, file teeth on other
- Has 6 teeth per row vs. 5 teeth per row on standard horse rasps



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
18155N	14 in	Rasp/Double	Yes	Boxed	1.45 lb	5

HORSE RASPS WITH PLAIN 1/2 FILE

- American pattern rasp and plain 1/2 file on opposite ends of the same tool
- Designed for shoeing racehorses, riding horses, and ponies
- Double-ended with rasp teeth on one side and file teeth on the other
- Teeth on both sides of the body for variable use
- Rectangular shape is easy to transport and provides maximum filing surface



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
17873N	12 in	Rasp Punch/Coarse	No	Boxed	1.10 lb	6
17903N	14 in	Rasp Punch/Coarse	No	Boxed	1.60 lb	6

MAGICUT® PLATER'S SPECIAL HORSE RASP

- American pattern rasp
- Maximum cutting surface design gives rapid removal and smoother finish
- Single cut on edges for applying a smooth finish
- Opposite side has the unique Crescent Magicut® file pattern
- Narrow chip breakers created by steep angled serrations reduce clogging
- Rectangular shape lets you smooth and sharpen straight surfaces
- Deeper cut tooth design for longer life
- Faster cutting than conventional horse rasps
- Has 6 teeth per row vs. 5 teeth per row on standard horse rasps
- Tanged design integrates with any Crescent adjustable handle



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
18130N	14 in	Rasp/Magicut®	No	Boxed	1.35 lb	6

HORSE RASP

- American pattern rasp
- Rectangular shape provides maximum surface area for faster filing
- Single cut on edges for applying a smooth finish
- Tanged design integrates with any Crescent adjustable handle
- Features rasp teeth down one side and file teeth down the other side
- Heavy-duty design is thicker than Plater's Special and is ideal for hot rasping



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
18057N	14 in	Rasp/Double	No	Boxed	2.15 lb	6

WOOD RASPS

- American pattern rasp with a bastard cut
- Used by woodworkers, hobbyists and plumbers
- Ideal for use removing stock from wood or soft metal materials
- Used in places for which their shapes make them particularly effective
- Tanged design integrates with any Crescent Nicholson adjustable handle



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
19136N	10 in	Bastard	No	Boxed	0.65 lb	6
21878N	8 in	Bastard	No	Carded	0.30 lb	6
19394N	8 in	Bastard	No	Boxed	0.25 lb	12
19427N	10 in	Bastard	No	Boxed	0.65 lb	6
19460N	12 in	Bastard	No	Boxed	0.90 lb	6
19493N	14 in	Bastard	No	Boxed	1.40 lb	6

Tough gets the job done.
Smart gets the job done right.

WOODCRAFT RASP - HALF RASP, HALF FILE

- American pattern woodcraft rasp, half rasp, half file
- Ideal for use in woodworking plants
- Also by professional carpenters, hobbyists and DIY enthusiasts
- Half-round rasp side for rapid stock removal
- File cut side for smoothing purposes
- For use on wood, leather, soapstone and soft metals
- 8"/200mm length is exclusive of handle



Cat. No.	File Cut	Packaging	Product Weight	Shelf Pack Qty.
23859LNNN	Bastard	Carded	0.60 lb	3

X.F.® SWISS PATTERN NEEDLE FILE ASSORTMENT SETS

- Swiss pattern files, made to more exacting measurements than American pattern files
- Used primarily by jewelers, diemakers, watchmakers, fine toolmakers, and other trades professionals
- Knurled handles give you an easy and secure grip on the files
- Excellent for precise and intricate work
- Assortment of 12 file shapes with different cuts
- Assortment also includes files for smoothing joints or making markings
- Includes pouch for storage and organization



Cat. No.	Included Storage	Product Weight
37029	Pouch	0.10 lb

Cat. No.	Description	Cat. No.	Description
-	Joint File	-	4" 0 Cut Half Round File
-	Marking File	-	4" 0 Cut Round File
-	4" 0 Cut Barrette File	-	4" 0 Cut Slitting File
-	4" 0 Cut Equaling File	-	4" 0 Cut Square File
-	4" 0 Cut Flat File	-	4" 0 Cut Three Square File
-	4" 0 Cut Knife File	-	4" 0 Cut Crossing File

Cat. No.	Included Storage	Product Weight
37392	Pouch	0.20 lb

Cat. No.	Description	Cat. No.	Description
-	Joint File	-	5-1/2" 0 Cut Half Round File
-	Marking File	-	5-1/2" 0 Cut Round File
-	5-1/2" 0 Cut Barrette File	-	5-1/2" 0 Cut Slitting File
-	5-1/2" 0 Cut Equaling File	-	5-1/2" 0 Cut Square File
-	5-1/2" 0 Cut Flat File	-	5-1/2" 0 Cut Three Square File
-	5-1/2" 0 Cut Knife File	-	5-1/2" 0 Cut Crossing File

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X.F. SWISS PATTERN NEEDLE FILE ASSORTMENT SETS *(Continued from previous page)*

Cat. No.	Included Storage	Product Weight
37398	Pouch	0.20 lb

Cat. No.	Description	Cat. No.	Description
-	Joint File	-	5-1/2" 2 Cut Half Round File
-	Marking File	-	5-1/2" 2 Cut Round File
-	5-1/2" 2 Cut Barrette File	-	5-1/2" 2 Cut Slitting File
-	5-1/2" 2 Cut Equaling File	-	5-1/2" 2 Cut Square File
-	5-1/2" 2 Cut Flat File	-	5-1/2" 2 Cut Three Square File
-	5-1/2" 2 Cut Knife File	-	5-1/2" 2 Cut Crossing File

Cat. No.	Included Storage	Product Weight
37404	Pouch	0.20 lb

Cat. No.	Description	Cat. No.	Description
-	Joint File	-	5-1/2" 4 Cut Half Round File
-	Marking File	-	5-1/2" 4 Cut Round File
-	5-1/2" 4 Cut Barrette File	-	5-1/2" 4 Cut Slitting File
-	5-1/2" 4 Cut Equaling File	-	5-1/2" 4 Cut Square File
-	5-1/2" 4 Cut Flat File	-	5-1/2" 4 Cut Three Square File
-	5-1/2" 4 Cut Knife File	-	5-1/2" 4 Cut Crossing File

Cat. No.	Included Storage	Product Weight
37767	Pouch	0.25 lb

Cat. No.	Description	Cat. No.	Description
-	Joint File	-	6-1/4" 4 Cut Half Round File
-	Marking File	-	6-1/4" 4 Cut Round File
-	6-1/4" 4 Cut Barrette File	-	6-1/4" 4 Cut Slitting File
-	6-1/4" 4 Cut Equaling File	-	6-1/4" 4 Cut Square File
-	6-1/4" 4 Cut Flat File	-	6-1/4" 4 Cut Three Square File
-	6-1/4" 4 Cut Knife File	-	6-1/4" 4 Cut Crossing File

Cat. No.	Included Storage	Product Weight
T37035	Pouch	0.13 lb

Cat. No.	Description	Cat. No.	Description
-	Joint File	-	4" 2 Cut Half Round File
-	Marking File	-	4" 2 Cut Round File
-	4" 2 Cut Barrette File	-	4" 2 Cut Slitting File
-	4" 2 Cut Equaling File	-	4" 2 Cut Square File
-	4" 2 Cut Flat File	-	4" 2 Cut Three Square File
-	4" 2 Cut Knife File	-	4" 2 Cut Crossing File

Cat. No.	Included Storage	Product Weight
T37755	Pouch	0.25 lb

Cat. No.	Description	Cat. No.	Description
-	Joint File	-	6-1/4" 0 Cut Half Round File
-	Marking File	-	6-1/4" 0 Cut Round File

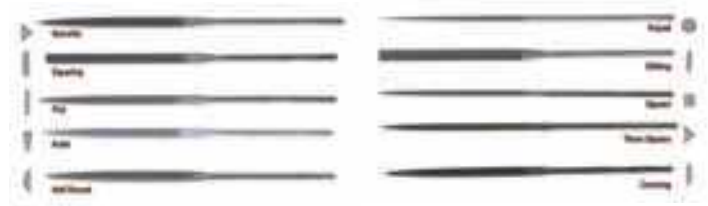
Cat. No.	Description	Cat. No.	Description
-	6-1/4" 0 Cut Barrette File	-	6-1/4" 0 Cut Slitting File
-	6-1/4" 0 Cut Equaling File	-	6-1/4" 0 Cut Square File
-	6-1/4" 0 Cut Flat File	-	6-1/4" 0 Cut Three Square File
-	6-1/4" 0 Cut Knife File	-	6-1/4" 0 Cut Crossing File

Cat. No.	Included Storage	Product Weight
T37761	Pouch	0.25 lb

Cat. No.	Description	Cat. No.	Description
-	Joint File	-	6-1/4" 2 Cut Half Round File
-	Marking File	-	6-1/4" 2 Cut Round File
-	6-1/4" 2 Cut Barrette File	-	6-1/4" 2 Cut Slitting File
-	6-1/4" 2 Cut Equaling File	-	6-1/4" 2 Cut Square File
-	6-1/4" 2 Cut Flat File	-	6-1/4" 2 Cut Three Square File
-	6-1/4" 2 Cut Knife File	-	6-1/4" 2 Cut Crossing File

NEEDLE FILES

- Swiss pattern files, made to more exacting measurements than American pattern files
- Used primarily by jewelers, diemakers, watchmakers, and other fine toolmakers
- Knurled handle for a better grip in hand or in a handle
- Excellent for precise and intricate work



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
37060	4 in	2	No	Boxed	0.02 lb	12
37081	4 in	0	No	Boxed	0.10 lb	12
37228	4 in	2	No	Boxed	0.01 lb	12
37256	4 in	2	No	Boxed	0.01 lb	12
37416	5.5 in	0	No	Boxed	0.01 lb	12
37612	5.5 in	0	No	Boxed	0.01 lb	12
37619	5.5 in	2	No	Boxed	0.01 lb	12
37779	6.25 in	0	No	Boxed	0.01 lb	12
37793	6.25 in	4	No	Boxed	0.02 lb	12
37828	6.25 in	6	No	Boxed	0.02 lb	12
37842	6.25 in	2	No	Boxed	0.02 lb	12
37891	6.25 in	0	No	Boxed	0.02 lb	12
37926	6.25 in	2	No	Boxed	0.02 lb	12
37947	6.25 in	0	No	Boxed	0.02 lb	12
38059	6.25 in	0	No	Boxed	0.02 lb	12
T37053	4 in	0	No	Boxed	0.02 lb	12
T37088	4 in	2	No	Boxed	0.02 lb	12
T37423	5.5 in	2	No	Boxed	0.01 lb	12

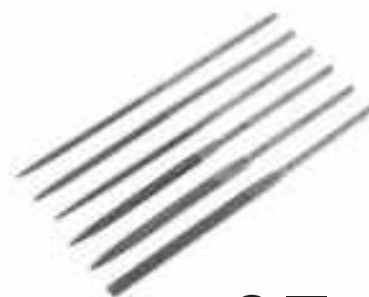
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NEEDLE FILES *(Continued from previous page)*

Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
T37444	5.5 in	0	No	Boxed	0.01 lb	12
T37451	5.5 in	2	No	Boxed	0.02 lb	12
T37458	5.5 in	4	No	Boxed	0.01 lb	12
T37479	5.5 in	2	No	Boxed	0.01 lb	12
T37786	6.25 in	2	No	Boxed	0.02 lb	12
T37807	6.25 in	0	No	Boxed	0.02 lb	12
T37814	6.25 in	2	No	Boxed	0.02 lb	12
T37821	6.25 in	4	No	Boxed	0.02 lb	12
T37835	6.25 in	0	No	Boxed	0.02 lb	12
T37919	6.25 in	0	No	Boxed	0.02 lb	12
T37954	6.25 in	2	No	Boxed	0.02 lb	12
T37975	6.25 in	0	No	Boxed	0.02 lb	12
T37982	6.25 in	2	No	Boxed	0.02 lb	12
T37989	6.25 in	4	No	Boxed	0.02 lb	12
T38003	6.25 in	0	No	Boxed	0.02 lb	12

6 PC. HOBBY FILE SET

- 5-1/2" Swiss pattern files
- Selection of six miniature files with a fine cut for intricate work
- One each of equaling, half round, flat, round, three square, square files
- Ideal for handicrafts and hobbies
- Double-cut teeth for rapid removal of material
- Includes pouch for storage and organization



Cat. No.	Included Storage	Product Weight
42030L	Pouch	0.010 lb

Cat. No.	Description	Cat. No.	Description
-	5-1/2" Fine Cut Equaling File	-	5-1/2" Fine Cut Round File
-	5-1/2" Fine Cut Half Round File	-	5-1/2" Fine Cut Three Square File
-	5-1/2" Fine Cut Flat File	-	5-1/2" Fine Cut Square File

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Tough gets the job done.
Smart gets the job done right.
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SILVERSMITH'S RIFFLERS

- 7-1/2" silversmith's riffler
- Made to more exacting measurements than American pattern files
- Made in approximately 7 1/8"/180mm lengths only
- Most often used for deburring, wood working, and sculpting
- Ideal for fine work



Cat. No.	File/Rasp Length	Style	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
41102	7.5 in	10	2	No	Boxed	0.06 lb	12

DIE SINKER'S RIFFLERS

- Made to more exacting measurements than American pattern files
- Used by tool and die makers, jewelers, model makers and home craftsman
- Made in approximately 6-1/2" length
- Each riffler identified by number



Cat. No.	File/Rasp Length	File/Rasp Shape	Style	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
36018N	6.5 in	Knife	5	2	No	Boxed	0.02 lb	12
T35982	6.5 in	Round	1	2	No	Boxed	0.02 lb	12

PILLAR FILES

- Made to more exacting measurements than American pattern files
- Rectangular shape
- Double cut on two sides only
- Safe edges
- Tapered in thickness



Cat. No.	File/Rasp Length	Style	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
39873N	4 in	Regular	2	No	Boxed	0.04 lb	12
39881N	4 in	Regular	4	No	Boxed	0.04 lb	12
39893N	6 in	Regular	00	No	Boxed	0.10 lb	12
39911N	6 in	Regular	2	No	Boxed	0.10 lb	12
39923N	6 in	Regular	4	No	Boxed	0.10 lb	12
39965N	10 in	Regular	00	No	Boxed	0.45 lb	6
39971N	10 in	Regular	0	No	Boxed	0.45 lb	6
39992N	12 in	Regular	00	No	Boxed	0.74 lb	6
40076N	6 in	Narrow	0	No	Boxed	0.08 lb	12
40088N	6 in	Narrow	2	No	Boxed	0.08 lb	12
40260N	6 in	Extra Narrow	2	No	Boxed	0.05 lb	12

HOT DIE BARRETTE FILES

- X.F.® files, Swiss pattern Barrette file, hot die, cut no. 00
- Made to more exacting measurements than American pattern files
- Used by tool and die makers, jewelers, model makers and home craftsman
- Recommended for superfine precision filing
- Double cut, wide flat sides
- Flat on one side; backs are beveled on edges as indicated by cross-section
- Back and beveled edges are safe
- 33° angle
- Approximate point thickness is .040"/1.0mm
- Thinner point than standard Barrette files



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
35114N	4 in	00	No	Boxed	0.03 lb	12

HALF ROUND FILES

- Made to more exacting measurements than American pattern files
- Used by tool and die makers, jewelers, model makers and home craftsman
- Double cut on both flat and half-round sides
- Tapered in thickness and width to point
- Half round shape
- Made in much finer cuts, which vary from No. 00 (coarsest) to No. 4 (finest)



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
36527N	6 in	1	No	Boxed	0.10 lb	12
36533N	6 in	2	No	Boxed	0.10 lb	12

ROUND FILES

- Made to more exacting measurements than American Pattern Files
- Round shape
- Double cut
- Tapers throughout length to fine point
- Made in much finer cuts, which vary from No. 00 (coarsest) to No. 4 (finest)



Cat. No.	File/Rasp Length	Diameter	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
40651N	6 in	3/16 in	0	No	Boxed	0.04 lb	12
40663N	6 in	3/16 in	2	No	Boxed	0.04 lb	12
40687N	8 in	1/4 in	00	No	Boxed	0.08 lb	12

4 PC. THREAD RESTORING FILE SET

- Ideal for restoring damaged or worn external threads on bolts and pipes
- Thread restoring files can be used with 8 different thread sizes, allowing you to find a true fit effortlessly
- 4-piece set offers 4 convenient file sizes for quick and effective application
- Color caps on tubes help identify the file type, so you can select the tool you need with ease
- Type 1 black cap: regular bolt; 11, 12, 13, 14, 16, 18, 20, 24 TPI
- Type 2 red cap: extra-fine/extra-coarse bolt; 9, 10, 12, 16, 20, 27, 28, 32 TPI
- Type 7 green cap: regular pipe; 8, 10, 11 1/2, 14, 16, 18, 24, 27 TPI
- Type 8 blue cap: metric bolt; .80, 1.00, 1.25, 1.50, 1.75, 2.00, 2.50, 3.00 mm
- Includes pouch for storage and organization



Cat. No.	Included Storage	Product Weight		
T33024	Pouch	1.60 lb		
Cat. No.	Description	Cat. No.	Description	
T33001	No. 1 Regular Bolt Thread Restoring File	-	No. 7 Regular Pipe Restoring File	
T33007	No. 2 Extra Fine/Extra Coarse Thread Restoring File	T33016	No. 8 Metric Bolt Thread Restoring File	

THREAD RESTORING FILES

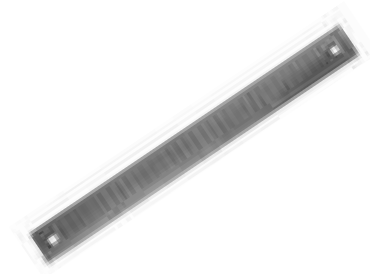
- Used to restore damaged or worn external threads on bolts, pipes, etc.
- Each thread restoring file will work with 8 different thread sizes
- Color caps on tubes
- Excellent for bolt, thread, and pipe repairs



Cat. No.	File/Rasp Length	Style	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
T33001	8.44 in	1	Regular Bolt	No	Bagged	0.40 lb	16
T33007	8.44 in	2	Ex Fine/Ex Coarse Bolt	No	Bagged	0.40 lb	16
T33016	8.44 in	8	Metric Bolt	No	Bagged	0.35 lb	12

MILLED TOOTH BODIFILES

- A flexible milled tooth body file with a curved-tooth pattern and no tang
- For smooth, rapid work on cast iron, bronze, lead, babbitt, or aluminum
- A good choice for filing down zinc or plastic stock
- Cuts any steel up to the hardness of annealed tool steel
- Rectangular file for maximum material removal
- Curved-cut pattern that leaves a smooth finish in even hard metals
- Pitch and rake designed to avoid pinning or binding even during heavy use
- 8 teeth per inch; cut: 50-908 standard



Cat. No.	File/Rasp Length	File Cut	Handled	Packaging	Product Weight	Shelf Pack Qty.
20189NN	14 in	50-908 Standard	No	Boxed	0.75 lb	6

FILE CLEANERS

- Perfect for general cleaning of file teeth
- Helps remove fillings, dirt, rust, burrs, corrosion, and most buildups of foreign material on metal
- File card and brush unclog teeth on finer cut files, allowing the abrasive to cut properly each time
- Wood base construction offers durability and ease of grip, so you can work confidently over time
- Cleaning files helps with long lasting performance



Cat. No.	File/Rasp Length	Description	Handled	Packaging	Product Weight	Shelf Pack Qty.
T21455	8 in	8" File Cleaner	Yes	Carded	0.14 lb	6
21458	10 in	10" File Card	Yes	Boxed	0.30 lb	10
21467	10 in	10" File Card and Brush	Yes	Boxed	0.30 lb	6

UNIVERSAL HANDLE

- Handles holds files and reamers allowing you to work with a full line of instruments
- Adjustable, steel jaws clamp to the entire length of the tang for a powerful hold in tough working environments
- Large, quick adjusting knob offers fast tool changes, so you can swap files with ease
- Co-molded grip provides comfort and control and the longer, wider handle fits perfectly in your hand for more maneuverability
- Note that this product includes only a handle, and not a filing surface



Cat. No.	Packaging	Product Weight	Shelf Pack Qty.
21474U	Carded	0.30 lb	3

ERGONOMIC FILE HANDLE

- Comes with two interchangeable cushion inserts
- Designed to fit most popular files
- Sleek black design
- Rubber-coated, ergonomic grip shaped for better comfort and control
- Rear taper, wide middle, and flared neck increases push force



Cat. No.	Overall Length	Packaging	Product Weight	Shelf Pack Qty.
21474H	4.5 in	Carded	0.15 lb	6

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Tough gets the job done.
Smart gets the job done right.
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PLASTIC SCREW-ON HANDLES

- Screw-on design fits most popular files
- For professionals or DIYers
- Handle made of strong high-impact material
- Contoured to fit hand for straight, lathe, and draw filing
- Non-slip textured finish for better grip



Cat. No.	Overall Length	Handle No.	Packaging	Product Weight	Shelf Pack Qty.
T21484	3.5 in	PH1	Carded	0.10 lb	12
21493	3.75 in	PH2	Carded	0.10 lb	12
T21502	3.75 in	PH3	Carded	0.10 lb	12
21512	4.125 in	PH4	Carded	0.15 lb	12
21513	4.125 in	PH5	Carded	0.13 lb	12
21514	4.75 in	PH6	Carded	0.20 lb	12
21515	5.0 in	PH7	Carded	0.20 lb	12
21516	5.0 in	PH8	Carded	0.20 lb	12

METAL FERRULED WOODEN HANDLES

- Made from close grain hardwood with wax finish
- Handles have strong nickel-plated metal ferrules
- A selection of handles to fit most popular files
- Non-slip wax finish for better grip
- For professionals or DIYers



Cat. No.	Overall Length	Handle No.	Packaging	Product Weight	Shelf Pack Qty.
21470N	5.75 in	000	Boxed	0.20 lb	12
21471N	5.75 in	00	Boxed	0.19 lb	12
21528N	5.25 in	0	Carded	0.20 lb	6
21476N	5.25 in	0	Boxed	0.10 lb	12
21526N	4.875 in	1	Carded	0.30 lb	6
21485N	4.875 in	1	Boxed	0.11 lb	12
21524N	4.5 in	2	Carded	0.12 lb	6
21494N	4.5 in	2	Boxed	0.10 lb	12
21522N	4.125 in	3	Carded	0.09 lb	6
21503N	4.125 in	3	Boxed	0.08 lb	12
21520N	3.75 in	4	Carded	0.10 lb	6
21511N	3.75 in	4	Boxed	0.05 lb	12

PLASTIC FILE HANDLE WITH INSERTS

- Includes 4 interchangeable cushion inserts are designed to fit most popular files
- Handle made of strong high-impact plastic
- Contoured to fit hand for straight, lathe and draw filing
- Non-slip textured finish for easier grip



Cat. No.	Overall Length	Handle No.	Packaging	Product Weight	Shelf Pack Qty.
21474NN	4.0 in	#5	Carded	0.150 lb	6

SHORT ROUND FILE HANDLE WITH INSERTS

- Rounded handle designed to fit palm of hand for improved grip and comfort
- Round file handle ideal for making rough cuts
- Interchangeable cushion inserts are designed to fit standard files
- Ergonomic features on handle for improved comfort and grip
- Includes 4 interchangeable inserts



Cat. No.	Packaging	Product Weight
21474G	Carded	0.150 lb

7 PC. FILE SET WITH SHORT ROUND FILE HANDLE

- Includes three different files for a variety of applications



Cat. No.	Product Weight
FLSTGL6	0.550 lb

Cat. No.	Description	Cat. No.	Description
21474G	Short Round File Handle with Inserts	21846NN	6" Round Bastard Cut File
21825NN	6" Mill Bastard Cut File	21866NN	6" Slim Taper File





POWER TOOL ACCESSORIES

SAW BLADES

DRILL BITS

BOLT BITER™

VORTEX™

uGUARD™

PROFESSIONAL CIRCULAR SAW BLADES

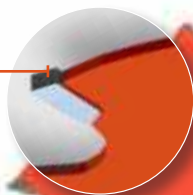
Designed to outlast and outperform.

Crescent's full range of professional circular saw blades are designed to outlast and outperform. Premium laser cut blades feature precision blend teeth, optimized tooth geometry and Active Shield™ protective blade coating that deliver increased performance for the toughest applications on the job.



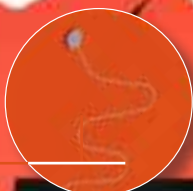
8X Blade Life

High Impact™ premium carbide teeth



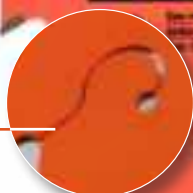
Laser Cut Vibration Slots

For minimal blade vibration and straighter cuts



Laser Cut Expansion Slots

Reduces blade warping



Active Shield™ Protective Blade Coating

Protects against gumming and corrosion with 70% more cuts per charge



CSBFR-724



Tough gets the job done.
Smart gets the job done right.

FRAMING CIRCULAR SAW BLADES

- High impact premium carbide teeth provide 8x blade life
- Active Shield™ protective blade coating allows 70% more cuts per charge
- Cordless and corded performance for maximum versatility
- Active Shield™ blade coating protects against heat for reduced gumming
- Laser cut expansion slots reduces blade warping
- Laser cut vibration slots minimize blade vibration for straighter cuts



Cat. No.	Size	Arbor/Bore Size	Tooth Type	Hook/Rake Angle	Kerf Thickness	Product Weight
CSBFR-624	6-1/2 in	5/8 in	Alternate Top Bevel (ATB)	18°	0.063 in	0.400 lb
CSBFR-624-10	6-1/2 in	5/8 in	Alternate Top Bevel (ATB)	18°	0.063 in	0.395 lb
CSBFR-724	7-1/4 in	5/8 in	Alternate Top Bevel (ATB)	18°	0.063 in	0.500 lb
CSBFR-724-10	7-1/4 in	5/8 in	Alternate Top Bevel (ATB)	18°	0.063 in	0.500 lb
CSBFR-824	8-1/4 in	5/8 in	Alternate Top Bevel (ATB)	18°	0.094 in	1.110 lb

RIPPING CIRCULAR SAW BLADES

- Micro Grain™ premium carbide teeth deliver 10X blade life
- Thin kerf design for fast, precise cuts
- Cordless and corded performance for maximum versatility
- Active Shield™ blade coating protects against heat for reduced gumming
- Laser cut expansion slots reduce blade warping
- Laser cut vibration slots absorb vibration for quieter cuts



Cat. No.	Size	Arbor/Bore Size	Tooth Type	Hook/Rake Angle	Kerf Thickness	Product Weight
CSBRP-1024	10 in	5/8 in	Alternate Top Bevel (ATB)	15°	0.098 in	1.850 lb

GENERAL PURPOSE CIRCULAR SAW BLADES

- Micro Grain™ premium carbide teeth provide 10x blade life
- Thin kerf design for fast, precise cuts
- Cordless and corded performance for maximum versatility
- Active Shield™ blade coating protects against heat for reduced gumming
- Laser cut expansion slots reduce blade warping
- Laser cut vibration slots absorb vibration for quieter cuts



Cat. No.	Size	Arbor/Bore Size	Tooth Type	Hook/Rake Angle	Kerf Thickness	Product Weight
CSBGN-1040	10 in	5/8 in	Alternate Top Bevel (ATB)	15°	0.098 in	1.860 lb
CSBGN-1244	12 in	1 in	Alternate Top Bevel (ATB)	15°	0.098 in	2.600 lb

COMBINATION CIRCULAR SAW BLADES

- Micro Grain™ premium carbide teeth deliver 10X blade life
- Thin kerf design for fast, precise cuts
- Cordless and corded performance for maximum versatility
- Active Shield™ blade coating protects against heat for reduced gumming
- Optimized tooth geometry for reduced splintering and tear out
- Laser cut vibration slots absorb vibration for quieter cuts



Cat. No.	Size	Arbor/Bore Size	Tooth Type	Hook/Rake Angle	Kerf Thickness	Product Weight
CSBCM-1050	10 in	5/8 in	Alternate Top Bevel (ATB)	15°	0.094 in	1.690 lb
CSBCM-1260	12 in	1 in	Alternate Top Bevel (ATB)	15°	0.118 in	3.100 lb

FINECUT™ FINISHING CIRCULAR SAW BLADES

- Extended life and durability for 10X blade life
- Precision premium carbide teeth provide a 40% smoother surface finish
- Cordless and corded performance for maximum versatility
- Active Shield™ blade coating protects against heat for reduced gumming
- Ultra-thin kerf design for precise cuts
- Optimized tooth geometry for reduced splintering and tear out
- Laser cut expansion slots reduce burning of finishes
- Laser cut vibration slots absorb vibration for quieter cuts



Cat. No.	Size	Arbor/Bore Size	Tooth Type	Hook/Rake Angle	Kerf Thickness	Product Weight
CSBFF-640	6-1/2 in	5/8 in	Alternate Top Bevel (ATB)	15°	0.063 in	0.350 lb
CSBFN-740	7-1/4 in	5/8 in	Alternate Top Bevel (ATB)	15°	0.063 in	0.460 lb
CSBFN-740-10	7-1/4 in	5/8 in	Alternate Top Bevel (ATB)	15°	0.063 in	0.500 lb
CSBUF-760	7-1/4 in	5/8 in	Alternate Top Bevel (ATB)	15°	0.063 in	0.470 lb
CSBFN-840	8-1/4 in	5/8 in	Alternate Top Bevel (ATB)	15°	0.094 in	1.130 lb
CSBFF-1060	10 in	5/8 in	High Alternate Top Bevel (HiATB)	15°	0.094 in	1.720 lb
CSBUF-1080	10 in	5/8 in	Alternate Top Bevel (ATB)	15°	0.098 in	1.850 lb
CSBFF-1280	12 in	1 in	High Alternate Top Bevel (HiATB)	7°	0.118 in	3.200 lb

Tough gets the job done.
Smart gets the job done right.

STEELSLICER™ METAL CIRCULAR SAW BLADES

- Heat Defense™ premium cermet teeth deliver 20X blade life
- Optimized tooth geometry provides 40% cooler cuts
- Cordless and corded performance for maximum versatility
- Active Shield™ blade coating protects against heat for reduced gumming
- Laser cut vibration slots absorb vibration for accurate, clean cuts



Cat. No.	Size	Arbor/Bore Size	Tooth Type	Hook/Rake Angle	Kerf Thickness	Product Weight
CSBMM-530	5-3/8 in	20mm w Reduction 10mm, 5/8" & 1/2" Rings	Modified Alternate Top Bevel (M-ATB)	2°	0.063 in	0.385 lb
CSBMM-5530	5-1/2 in	20mm w Reduction 10mm, 5/8" & 1/2" Rings	Modified Alternate Top Bevel (M-ATB)	2°	0.063 in	0.330 lb
CSBMM-748	7-1/4 in	5/8 in	Modified Alternate Top Bevel (M-ATB)	2°	0.079 in	0.880 lb
CSBMN-756	7-1/4 in	5/8 in	Modified Alternate Top Bevel (M-ATB)	2°	0.079 in	0.880 lb
CSBMK-842	8 in	5/8 in	Modified Alternate Top Bevel (M-ATB)	2°	0.079 in	1.100 lb

ALUMINUM CIRCULAR SAW BLADES

- High Velocity™ premium carbide teeth deliver 2X blade life
- Optimized tooth geometry provides 2X faster cutting speed
- Cordless and corded performance for maximum versatility
- Active Shield™ blade coating protects against heat for reduced gumming
- Laser cut vibration slots absorb vibration for accurate, clean cuts



Cat. No.	Size	Arbor/Bore Size	Tooth Type	Hook/Rake Angle	Kerf Thickness	Product Weight
CSBAM-550	5-3/8 in	20mm w Reduction 10mm, 5/8" & 1/2" Rings	Triple Chip Grind (TCG)	5°	0.094 in	0.500 lb
CSBAM-760	7-1/4 in	5/8 in	Triple Chip Grind (TCG)	5°	0.098 in	0.950 lb
CSBAM-1084	10 in	5/8 in	Triple Chip Grind (TCG)	5°	0.110 in	2.050 lb
CSBAM-1296	12 in	1 in	Triple Chip Grind (TCG)	5°	0.110 in	2.830 lb

COMPOSITE DECKING CIRCULAR SAW BLADES

- Razor Tipped™ premium carbide teeth provide a 50% smoother finish
- Optimized tooth geometry for clean, melt-free cuts
- Cordless and corded performance for maximum versatility
- Active Shield™ blade coating protects against heat for reduced gumming
- Thin kerf design for fast, precise cuts
- Laser cut expansion slots reduce burn marks
- Laser cut vibration slots minimize blade vibration to reduce swirl marks



Cat. No.	Size	Arbor/Bore Size	Tooth Type	Hook/Rake Angle	Kerf Thickness	Product Weight
CSBTX-744	7-1/4 in	5/8 in	Triple Chip Grind (TCG)	-3°	0.063 in	0.600 lb

FIBER CEMENT CIRCULAR SAW BLADES

- Premium Polycrystalline Diamond Teeth (PCD) deliver 75X blade life
- Ultra-thin kerf design provides clean cuts with 50% less dust
- Cordless and corded performance for maximum versatility
- Active Shield™ blade coating protects against heat for reduced gumming
- Laser cut vibration slots minimize blade vibration for maximum stability



Cat. No.	Size	Arbor/Bore Size	Tooth Type	Hook/Rake Angle	Kerf Thickness	Product Weight
CSBFC-704	7-1/4 in	5/8 in	Flat Top	10°	0.071 in	0.725 lb
CSBFC-1006	10 in	5/8 in	Flat Top	10°	0.087 in	1.680 lb
CSBFC-1208	12 in	1 in	Flat Top	10°	0.094 in	2.665 lb

HIGH SPEED AUGER DRILL BITS

- 5x more durable in nail-embedded wood
- Triple sharpened high speed steel is designed to cut through 20x faster than a standard flat paddle bit
- Optimal tip and tri-flute design offers more cuts per charge
- Optimized for heavy-duty use with modified impact zone provides 8x blade life
- High speed steel is 2.5x lighter than solid augers
- 1/4" quick-release hex shank provides optimal performance in both impact drivers and drills



Cat. No.	Bit Diameter	Bit Type	Shank Diameter	Shank Shape	Overall Length
CDSA-629	1/2 in	High Speed Auger	1/4 in	Hex	9.488 in
CDSA-633	5/8 in	High Speed Auger	1/4 in	Hex	9.488 in
CDSA-637	3/4 in	High Speed Auger	1/4 in	Hex	9.488 in
CDSA-641	7/8 in	High Speed Auger	1/4 in	Hex	9.488 in
CDSA-645	1 in	High Speed Auger	1/4 in	Hex	9.488 in
CDSA-649	1-1/4 in	High Speed Auger	1/4 in	Hex	9.488 in

6 PC. HIGH SPEED AUGER SET



Cat. No.			
CDSASET-6			
Cat. No.	Description	Cat. No.	Description
CDSA-629	1/2 x 6" High Speed Auger Drill Bit	CDSA-641	7/8 x 6" High Speed Auger Drill Bit
CDSA-633	5/8 x 6" High Speed Auger Drill Bit	CDSA-645	1 x 6" High Speed Auger Drill Bit
CDSA-637	3/4 x 6" High Speed Auger Drill Bit	CDSA-649	1-1/4 x 6" High Speed Auger Drill Bit

DRILL THROUGH **HIGH SPEED AUGER BIT**

Smart Design Leads to Effortless Drilling

Crescent's High Speed Auger Bit provides ultimate performance and superior durability in nail-embedded wood applications. A three-step cutting action creates holes that are precise and clean. The self-feeding tip pulls the bit while the triple cutting edge delivers an effortless, smooth drilling experience in wood with nails. Deep flutes enhance the chip evacuation process for more holes per charge. The quick-change shank increases stability and durability in cordless and corded impact wrenches and drill drivers.



High Impact Performance

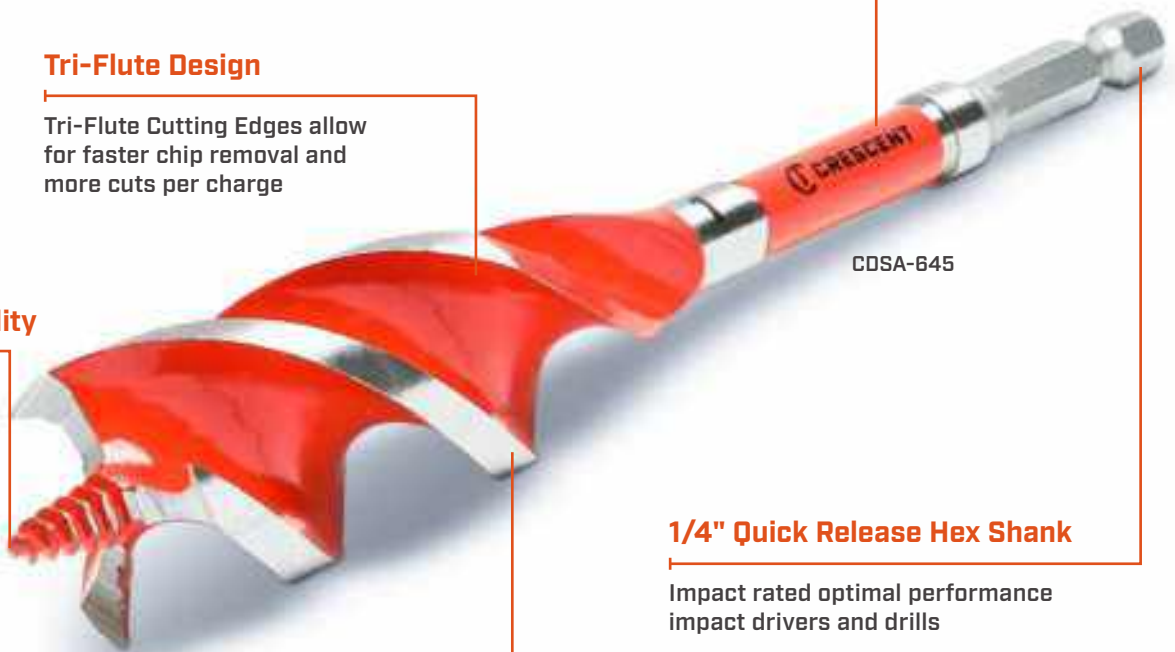
Optimized for heavy duty use and 8X the life span with modified impact zone

Tri-Flute Design

Tri-Flute Cutting Edges allow for faster chip removal and more cuts per charge

Maximum Durability

NailRipper™



CDSA-645

1/4" Quick Release Hex Shank

Impact rated optimal performance
impact drivers and drills

Maximum Performance

Designed to cut through 20X faster than competitive standard flat paddle bits

3 PC. HIGH SPEED AUGER SET



Cat. No.

CDSASET-3

Cat. No.	Description	Cat. No.	Description
CDSA-633	5/8 x 6" High Speed Auger Drill Bit	CDSA-645	1 x 6" High Speed Auger Drill Bit
CDSA-637	3/4 x 6" High Speed Auger Drill Bit		

SHIP AUGER DRILL BITS

- Optimal flute design rapidly engages and penetrates materials
- Enhanced deeper flute design for ease of chip removal and less binding
- Refined cutting edges offer single cutting action for precise, clean holes
- Optimal tip design for rapid engagement in materials
- Longer length flute design to easily penetrate stacked wood and other thicker wood materials



Cat. No.	Bit Diameter	Bit Type	Shank Diameter	Shank Shape	Overall Length	Product Weight
CDSH-1821	3/8 in	Ship Auger	3/8 in	Hex	18.0 in	0.353 lb
CDSH-1829	1/2 in	Ship Auger	5/16 in	Hex	18.0 in	0.551 lb
CDSH-1831	9/16 in	Ship Auger	7/16 in	Hex	18.0 in	0.595 lb
CDSH-1833	5/8 in	Ship Auger	3/8 in	Hex	18.0 in	0.838 lb
CDSH-1837	3/4 in	Ship Auger	7/16 in	Hex	18.0 in	1.036 lb
CDSH-1841	7/8 in	Ship Auger	7/16 in	Hex	18.0 in	1.168 lb
CDSH-1845	1 in	Ship Auger	7/16 in, 1 in	Hex	18.0 in	1.543 lb
CDSH-1847	1-1/8 in	Ship Auger	7/16 in	Hex	18.0 in	1.874 lb
CDSH-1849	1-1/4 in	Ship Auger	7/16 in	Hex	18.0 in	2.183 lb
CDSH-1853	1-1/2 in	Ship Auger	7/16 in	Hex	18.0 in	2.866 lb

SOLID AUGER DRILL BITS

- Optimal cutting edges provide precise, clean holes in wood drilling applications
- Tip and flute design offers 40% more cuts per charge
- Triple sharpened high speed steel for cutting precise, clean holes in less time
- Deep flutes for fast chip evacuation and holes per charge
- 1/4" quick-release hex shank provides optimal performance in both impact drivers and drills



Cat. No.	Bit Diameter	Bit Type	Shank Diameter	Shank Shape	Overall Length
CDAG-1321	3/8 in	Solid Auger	5/16 in	Hex	13.0 in
CDAG-1325	7/16 in	Solid Auger	5/16 in	Hex	13.0 in
CDAG-1329	1/2 in	Solid Auger	5/16 in	Hex	13.0 in
CDAG-1331	9/16 in	Solid Auger	7/16 in	Hex	13.0 in

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Tough gets the job done.
Smart gets the job done right.
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Cat. No.	Bit Diameter	Bit Type	Shank Diameter	Shank Shape	Overall Length
CDAG-1333	5/8 in	Solid Auger	7/16 in	Hex	13.0 in
CDAG-1335	11/16 in	Solid Auger	7/16 in	Hex	13.0 in
CDAG-1337	3/4 in	Solid Auger	7/16 in	Hex	13.0 in
CDAG-1339	13/16 in	Solid Auger	7/16 in	Hex	13.0 in
CDAG-1341	7/8 in	Solid Auger	7/16 in	Hex	13.0 in
CDAG-1343	15/16 in	Solid Auger	7/16 in	Hex	13.0 in
CDAG-1345	1 in	Solid Auger	7/16 in	Hex	13.0 in
CDAG-1346	1-1/16 in	Solid Auger	7/16 in	Hex	13.0 in
CDAG-1347	1-1/8 in	Solid Auger	7/16 in	Hex	13.0 in
CDAG-1349	1-1/4 in	Solid Auger	7/16 in	Hex	13.0 in
CDAG-1351	1-3/8 in	Solid Auger	7/16 in	Hex	13.0 in
CDAG-1353	1-1/2 in	Solid Auger	7/16 in	Hex	13.0 in
CDAG-1721	3/8 in	Solid Auger	5/16 in	Hex	17.5 in
CDAG-1725	7/16 in	Solid Auger	5/16 in	Hex	17.5 in
CDAG-1729	1/2 in	Solid Auger	3/8 in	Hex	17.5 in
CDAG-1731	9/16 in	Solid Auger	5/16 in	Hex	17.5 in
CDAG-1733	5/8 in	Solid Auger	7/16 in	Hex	17.5 in
CDAG-1735	11/16 in	Solid Auger	7/16 in	Hex	17.5 in
CDAG-1737	3/4 in	Solid Auger	3/8 in	Hex	17.5 in
CDAG-1739	13/16 in	Solid Auger	7/16 in	Hex	17.5 in
CDAG-1741	7/8 in	Solid Auger	1/2 in	Hex	17.5 in
CDAG-1743	15/16 in	Solid Auger	7/16 in	Hex	17.5 in
CDAG-1745	1 in	Solid Auger	7/16 in	Hex	17.5 in
CDAG-1746	1-1/16 in	Solid Auger	7/16 in	Hex	17.5 in
CDAG-1747	1-1/8 in	Solid Auger	7/16 in	Hex	17.5 in
CDAG-1749	1-1/4 in	Solid Auger	7/16 in	Hex	17.5 in
CDAG-1751	1-3/8 in	Solid Auger	7/16 in	Hex	17.5 in
CDAG-1753	1-1/2 in	Solid Auger	7/16 in	Hex	17.5 in
CDAG-7509	1/4 in	Solid Auger	3/16 in	Hex	7.5 in
CDAG-7513	5/16 in	Solid Auger	1/4 in	Hex	7.5 in
CDAG-7521	3/8 in	Solid Auger	5/16 in	Hex	7.5 in
CDAG-7525	7/16 in	Solid Auger	5/16 in	Hex	7.5 in
CDAG-7529	1/2 in	Solid Auger	5/16 in	Hex	7.5 in
CDAG-7531	9/16 in	Solid Auger	5/16 in	Hex	7.5 in
CDAG-7533	5/8 in	Solid Auger	7/16 in	Hex	7.5 in
CDAG-7535	11/16 in	Solid Auger	7/16 in	Hex	7.5 in
CDAG-7537	3/4 in	Solid Auger	7/16 in	Hex	7.5 in
CDAG-7539	13/16 in	Solid Auger	7/16 in	Hex	7.5 in
CDAG-7541	7/8 in	Solid Auger	7/16 in	Hex	7.5 in
CDAG-7543	15/16 in	Solid Auger	5/16 in	Hex	7.5 in
CDAG-7545	1 in	Solid Auger	5/16 in, 7/16 in	Hex	7.5 in
CDAG-7547	1-1/8 in	Solid Auger	7/16 in	Hex	7.5 in
CDAG-7549	1-1/4 in	Solid Auger	7/16 in	Hex	7.5 in
CDAG-7551	1-3/8 in	Solid Auger	7/16 in	Hex	7.5 in
CDAG-7553	1-1/2 in	Solid Auger	7/16 in	Hex	7.5 in

INSTALLER DRILL BITS

- Extended length provides increased accessibility
- Small hole in flute for easily pulling wires and cables through walls, ceilings, and floors
- Refined tip allows for precision holes in clean wood
- Standard shank for optimal use in drill chucks
- Optimal flute design for aggressive chip remove



Cat. No.	Bit Diameter	Bit Type	Shank Diameter	Shank Shape	Overall Length	Product Weight
CDIN-1813	1/4 in	Installer	1/4 in	Hex	20.669 in	0.208 lb
CDIN-1817	5/16 in	Installer	1/4 in	Hex	20.669 in	0.375 lb
CDIN-1821	3/8 in	Installer	1/4 in	Hex	20.669 in	0.440 lb
CDIN-1829	1/2 in	Installer	1/4 in	Hex	20.669 in	0.485 lb

FLAT SPADE DRILL BITS

- Reinforced tip geometry increases durability and provides a longer life
- Advanced cutting grooves for fast and easy chip removal
- Reinforced shank with torsion zone for work at rapid speeds and aggressive cuts
- 1/4" quick-release hex shank provides optimal performance in both impact drivers and drills
- Drills more holes in less time



Cat. No.	Bit Diameter	Bit Type	Shank Diameter	Shank Shape	Overall Length	Product Weight
CDFP-613	1/4 in	Flat Spade	1/4 in	Hex	8.465 in	0.088 lb
CDFP-617	5/16 in	Flat Spade	1/4 in	Hex	8.465 in	0.093 lb
CDFP-621	3/8 in	Flat Spade	1/4 in	Hex	8.465 in	0.099 lb
CDFP-625	7/16 in	Flat Spade	1/4 in	Hex	8.465 in	0.104 lb
CDFP-629	1/2 in	Flat Spade	1/4 in	Hex	8.465 in	0.106 lb
CDFP-631	9/16 in	Flat Spade	1/4 in	Hex	8.465 in	0.106 lb
CDFP-633	5/8 in	Flat Spade	1/4 in	Hex	8.465 in	0.108 lb
CDFP-635	11/16 in	Flat Spade	1/4 in	Hex	8.465 in	0.108 lb
CDFP-637	3/4 in	Flat Spade	1/4 in	Hex	8.465 in	0.110 lb
CDFP-641	7/8 in	Flat Spade	1/4 in	Hex	8.465 in	0.112 lb
CDFP-643	15/16 in	Flat Spade	1/4 in	Hex	8.465 in	0.112 lb
CDFP-645	1 in	Flat Spade	1/4 in	Hex	8.465 in	0.117 lb
CDFP-647	1-1/8 in	Flat Spade	1/4 in	Hex	8.465 in	0.139 lb
CDFP-649	1-1/4 in	Flat Spade	1/4 in	Hex	8.465 in	0.143 lb
CDFP-651	1-3/8 in	Flat Spade	1/4 in	Hex	8.465 in	0.148 lb
CDFP-653	1-1/2 in	Flat Spade	1/4 in	Hex	8.465 in	0.154 lb
CDFP-696	13/16 in	Flat Spade	1/4 in	Hex	8.465 in	0.110 lb

Tough gets the job done.
Smart gets the job done right.

6 PC. FLAT SPADE SET



Cat. No.

CDFP-SET6

Cat. No.	Description	Cat. No.	Description
CDFP-621	3/8 x 6" Flat Spade Drill Bit	CDFP-637	3/4 x 6" Flat Spade Drill Bit
CDFP-629	1/2 x 6" Flat Spade Drill Bit	CDFP-641	7/8 x 6" Flat Spade Drill Bit
CDFP-633	5/8 x 6" Flat Spade Drill Bit	CDFP-645	1 x 6" Flat Spade Drill Bit

SCREW POINT PADDLE DRILL BITS

- 15x faster than standard spade bits
- Contoured paddle design efficiently removes chips to prevent hole clogging
- Heavy-duty use with optimized impact zone
- Screw point allows users to go fast with control
- 1/4" quick-release hex shank provides optimal performance in both impact drivers and drills



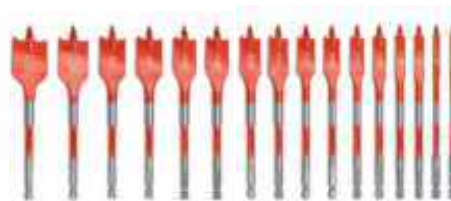
Cat. No.	Bit Diameter	Bit Type	Shank Diameter	Shank Shape	Overall Length	Product Weight
CDSP-421	3/8 in	Screw-Point Paddle	1/4 in	Hex	7.244 in	0.064 lb
CDSP-429	1/2 in	Screw-Point Paddle	1/4 in	Hex	7.244 in	0.066 lb
CDSP-433	5/8 in	Screw-Point Paddle	1/4 in	Hex	7.244 in	0.073 lb
CDSP-437	3/4 in	Screw-Point Paddle	1/4 in	Hex	7.244 in	0.084 lb
CDSP-441	7/8 in	Screw-Point Paddle	1/4 in	Hex	7.244 in	0.088 lb
CDSP-445	1 in	Screw-Point Paddle	1/4 in	Hex	7.244 in	0.092 lb
CDSP-447	1-1/8 in	Screw-Point Paddle	1/4 in	Hex	7.244 in	0.099 lb
CDSP-449	1-1/4 in	Screw-Point Paddle	1/4 in	Hex	7.244 in	0.106 lb
CDSP-453	1-1/2 in	Screw-Point Paddle	1/4 in	Hex	7.244 in	0.110 lb
CDSP-613	1/4 in	Screw-Point Paddle	1/4 in	Hex	8.465 in	0.059 lb
CDSP-617	5/16 in	Screw-Point Paddle	1/4 in	Hex	8.465 in	0.073 lb
CDSP-621	3/8 in	Screw-Point Paddle	1/4 in	Hex	8.465 in	0.087 lb
CDSP-621-2	3/8 in	Screw-Point Paddle	1/4 in	Hex	8.504 in	0.168 lb
CDSP-625	7/16 in	Screw-Point Paddle	1/4 in	Hex	8.465 in	0.088 lb
CDSP-629	1/2 in	Screw-Point Paddle	1/4 in	Hex	8.465 in	0.091 lb
CDSP-629-2	1/2 in	Screw-Point Paddle	1/4 in	Hex	8.504 in	0.185 lb
CDSP-631	9/16 in	Screw-Point Paddle	1/4 in	Hex	8.465 in	0.091 lb
CDSP-631-2	9/16 in	Screw-Point Paddle	1/4 in	Hex	8.504 in	0.188 lb
CDSP-633	5/8 in	Screw-Point Paddle	1/4 in	Hex	8.465 in	0.093 lb
CDSP-633-2	5/8 in	Screw-Point Paddle	1/4 in	Hex	8.504 in	0.190 lb
CDSP-635	11/16 in	Screw-Point Paddle	1/4 in	Hex	8.465 in	0.098 lb
CDSP-637	3/4 in	Screw-Point Paddle	1/4 in	Hex	8.465 in	0.125 lb
CDSP-637-2	3/4 in	Screw-Point Paddle	1/4 in	Hex	8.504 in	0.198 lb

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SCREW POINT PADDLE DRILL BITS *(Continued from previous page)*

Cat. No.	Bit Diameter	Bit Type	Shank Diameter	Shank Shape	Overall Length	Product Weight
CDSP-639	13/16 in	Screw-Point Paddle	1/4 in	Hex	8.465 in	0.118 lb
CDSP-641	7/8 in	Screw-Point Paddle	1/4 in	Hex	8.465 in	0.119 lb
CDSP-641-2	7/8 in	Screw-Point Paddle	1/4 in	Hex	8.504 in	0.218 lb
CDSP-643	15/16 in	Screw-Point Paddle	1/4 in	Hex	8.465 in	0.123 lb
CDSP-645	1 in	Screw-Point Paddle	1/4 in	Hex	8.465 in	0.127 lb
CDSP-645-2	1 in	Screw-Point Paddle	1/4 in	Hex	8.504 in	0.239 lb
CDSP-647	1-1/8 in	Screw-Point Paddle	1/4 in	Hex	8.465 in	0.140 lb
CDSP-649	1-1/4 in	Screw-Point Paddle	1/4 in	Hex	8.465 in	0.141 lb
CDSP-651	1-3/8 in	Screw-Point Paddle	1/4 in	Hex	8.465 in	0.149 lb
CDSP-653	1-1/2 in	Screw-Point Paddle	1/4 in	Hex	8.465 in	0.156 lb
CDSP-1625	7/16 in	Screw-Point Paddle	1/4 in	Hex	18.661 in	0.282 lb
CDSP-1629	1/2 in	Screw-Point Paddle	1/4 in	Hex	18.661 in	0.284 lb
CDSP-1633	5/8 in	Screw-Point Paddle	1/4 in	Hex	18.661 in	0.348 lb
CDSP-1637	3/4 in	Screw-Point Paddle	1/4 in	Hex	18.661 in	0.412 lb
CDSP-1641	7/8 in	Screw-Point Paddle	1/4 in	Hex	18.661 in	0.417 lb
CDSP-1645	1 in	Screw-Point Paddle	1/4 in	Hex	18.661 in	0.423 lb

16 PC. SCREW POINT PADDLE DRILL BIT SET



Cat. No.	Included Storage	Product Weight
CDSPSET-16	Pouch	2.557 lb

Cat. No.	Description	Qty.	Cat. No.	Description	Qty.
CDSP-613	1/4 x 6" Screw Point Paddle Drill Bit	2	CDSP-637	3/4 x 6" Screw Point Paddle Drill Bit	1
CDSP-621	3/8 x 6" Screw Point Paddle Drill Bit	2	CDSP-639	13/16 x 6" Screw Point Paddle Drill Bit	1
CDSP-629	1/2 x 6" Screw Point Paddle Drill Bit	1	CDSP-641	7/8 x 6" Screw Point Paddle Drill Bit	2
CDSP-631	9/16 x 6" Screw Point Paddle Drill Bit	1	CDSP-645	1 x 6" Screw Point Paddle Drill Bit	2
CDSP-633	5/8 x 6" Screw Point Paddle Drill Bit	1	CDSP-647	1-1/8 x 6" Screw Point Paddle Drill Bit	1
CDSP-635	11/16 x 6" Screw Point Paddle Drill Bit	1	CDSP-649	1-1/4 x 6" Screw Point Paddle Drill Bit	1

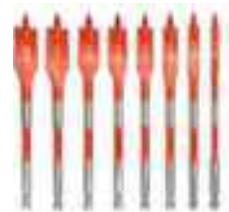
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Tough gets the job done.
Smart gets the job done right.
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12 PC. SCREW POINT PADDLE DRILL BIT SET



Cat. No.		Product Weight			
CDSPSET-12		1.466 lb			
Cat. No.		Description			
CDSP-613	1/4 x 6" Screw Point Paddle Drill Bit		CDSP-637	3/4 x 6" Screw Point Paddle Drill Bit	
CDSP-621	3/8 x 6" Screw Point Paddle Drill Bit		CDSP-639	13/16 x 6" Screw Point Paddle Drill Bit	
CDSP-629	1/2 x 6" Screw Point Paddle Drill Bit		CDSP-641	7/8 x 6" Screw Point Paddle Drill Bit	
CDSP-631	9/16 x 6" Screw Point Paddle Drill Bit		CDSP-645	1 x 6" Screw Point Paddle Drill Bit	
CDSP-633	5/8 x 6" Screw Point Paddle Drill Bit		CDSP-647	1-1/8 x 6" Screw Point Paddle Drill Bit	
CDSP-635	11/16 x 6" Screw Point Paddle Drill Bit		CDSP-649	1-1/4 x 6" Screw Point Paddle Drill Bit	

8 PC. SCREW POINT PADDLE DRILL BIT SET




Cat. No. Product Weight			
CDSPSET-8	0.948 lb		
Cat. No.	Description	Cat. No.	Description
CDSP-621	3/8 x 6" Screw Point Paddle Drill Bit	CDSP-635	11/16 x 6" Screw Point Paddle Drill Bit
CDSP-629	1/2 x 6" Screw Point Paddle Drill Bit	CDSP-637	3/4 x 6" Screw Point Paddle Drill Bit
CDSP-631	9/16 x 6" Screw Point Paddle Drill Bit	CDSP-641	7/8 x 6" Screw Point Paddle Drill Bit
CDSP-633	5/8 x 6" Screw Point Paddle Drill Bit	CDSP-645	1 x 6" Screw Point Paddle Drill Bit

6 PC. SCREW POINT PADDLE DRILL BIT SET



Cat. No. Product Weight	
CDSPSET-6	0.761 lb



Cat. No.	Description	Cat. No.	Description
CDSP-621	3/8 x 6" Screw Point Paddle Drill Bit	CDSP-637	3/4 x 6" Screw Point Paddle Drill Bit
CDSP-629	1/2 x 6" Screw Point Paddle Drill Bit	CDSP-641	7/8 x 6" Screw Point Paddle Drill Bit
CDSP-633	5/8 x 6" Screw Point Paddle Drill Bit	CDSP-645	1 x 6" Screw Point Paddle Drill Bit

SELF-FEED DRILL BITS

- Long lasting blades that can be resharpened for optimal cutting
- Optimal screw point tip quickly engages in materials
- Center feed screw point guides the bit to allow for faster and more precise pull through
- 7/16" quick release hex shank reduces slippage
- Three hardened cutting surfaces deliver long life, minimal binding, and fast chip ejection
- Includes replacement tip and hex key



Cat. No.	Bit Diameter	Bit Type	Shank Diameter	Shank Shape	Overall Length	Product Weight
CDSF-545	1 in	Self Feed	7/16 in	Hex	5.0 in	0.364 lb
CDSF-547	1-1/8 in	Self Feed	7/16 in	Hex	5.0 in	0.383 lb
CDSF-549	1-1/4 in	Self Feed	7/16 in	Hex	5.0 in	0.427 lb
CDSF-551	1-3/8 in	Self Feed	7/16 in	Hex	5.0 in	0.438 lb
CDSF-553	1-1/2 in	Self Feed	7/16 in	Hex	5.0 in	0.478 lb
CDSF-557	1-3/4 in	Self Feed	7/16 in	Hex	5.0 in	0.541 lb
CDSF-561	2 in	Self Feed	7/16 in	Hex	5.0 in	0.587 lb
CDSF-563	2-1/8 in	Self Feed	7/16 in	Hex	5.0 in	0.633 lb
CDSF-565	2-1/4 in	Self Feed	7/16 in	Hex	5.0 in	0.686 lb
CDSF-570	2-9/16 in	Self Feed	7/16 in	Hex	5.0 in	0.809 lb
CDSF-577	3 in	Self Feed	7/16 in	Hex	5.0 in	1.239 lb
CDSF-583	3-5/8 in	Self Feed	7/16 in	Hex	5.0 in	1.611 lb

DRILL BIT EXTENSIONS

- Provides increased accessibility in fastening and drilling applications
- Quick release allows for effortless switching between accessories and sizes
- One piece construction for best concentration of force to provide a longer lifetime
- Effortlessly switch between fastening and drilling accessories
- Hex shank provides optimal performance in both impact drivers and drills



Cat. No.	Drive Size	Shank Shape	Overall Length	Product Weight
CDEX-1213	1/4 in	Hex	12.0 in	0.389 lb
CDEX-1221	5/16 in	Hex	12.0 in	0.686 lb
CDEX-1225	7/16 in	Hex	12.0 in	0.930 lb
CDEX-1821	5/16 in	Hex	18.0 in	0.975 lb
CDEX-1825	7/16 in	Hex	18.0 in	1.327 lb
CDEX-5521	3/8 in	Hex	5.50 in	0.366 lb
CDEX-5525	7/16 in	Hex	5.50 in	0.475 lb

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Tough gets the job done.
Smart gets the job done right.
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THE BOLT BITER **IMPACT NUT EXTRACTOR AND DRIVER**

Nothing Escapes A Bolt Biter's Grip

The new Crescent Bolt Biter™ impact nut extractor & driver is the ultimate tool for driving and extracting hex head fasteners of any condition, whether new, worn, rounded, rusted, or damaged. The revolutionary tapered socket design engages with the fastener on the first try and eliminates the frustration of working with old or damaged fasteners.



1/4" Hex Shank

Compatible with impact drivers and drills

CAVBXM1D16

Impact Torsion Zone

Torsion design delivers maximum performance for impact applications

Integrated Magnet

Allows fasteners to stay in place securely when extracting or driving

Drives & Removes New and Damaged Fasteners

Bi-directional design enables easy drive, removal and reuse of new and damaged fasteners

5X Gripping Force

Tapered entry allows socket to easily seat on fasteners of any conditions



BOLT BITER™ IMPACT NUTDRIVERS AND EXTRACTORS

- Bi-directional design for removing or tightening damaged fasteners
- Tapered entry grabs onto damaged fasteners with ease
- Up to 50x longer life in high torque impact applications
- 1/4" hex shank is compatible with impact drivers and drills
- Strong magnet for holding fasteners securely in place
- High-visibility laser etched markings provide quick size identification
- Black oxide finish to resist corrosion



Cat. No.	Overall Length	Product Weight
CAVBXM1D16	1.875 in	0.062 lb
CAVBXM1D20	1.875 in	0.066 lb
CAVBXM1D24	1.875 in	0.071 lb
CAVBXM1D28	1.875 in	0.078 lb
CAVBXM1D32	1.875 in	0.082 lb

5 PC. BOLT BITER™ IMPACT NUTDRIVER AND EXTRACTOR SET



Cat. No.	Included Storage	Product Weight
CAVBXM1R-5	Rail	0.251 lb

Cat. No.	Description	Cat. No.	Description
CAVBXM1D16	1/4" x 1-7/8" Bolt Biter™ Impact Nut Driver and Extractor	CAVBXM1D28	7/16" x 1-7/8" Bolt Biter™ Impact Nut Driver and Extractor
CAVBXM1D20	5/16" x 1-7/8" Bolt Biter™ Impact Nut Driver and Extractor	CAVBXM1D32	1/2" x 1-7/8" Bolt Biter™ Impact Nut Driver and Extractor
CAVBXM1D24	3/8" x 1-7/8" Bolt Biter™ Impact Nut Driver and Extractor		

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Tough gets the job done.
Smart gets the job done right.
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BOLT BITER™ 6" MAGNETIC IMPACT NUTDRIVER AND EXTRACTORS



Cat. No.	Fastener Size	Overall Length	Product Weight
CAVBXM6D16	1/4 in	6.0 in	0.146 lb
CAVBXM6D20	5/16 in	6.0 in	0.152 lb
CAVBXM6D24	3/8 in	6.0 in	0.171 lb

3 PC. BOLT BITER™ 6" MAGNETIC IMPACT NUTDRIVER AND EXTRACTOR SET



Cat. No.	Product Weight
CAVBXM6-3	0.454 lb

Cat. No.	Description	Cat. No.	Description
CAVBXM6D16	1/4" x 6" Bolt Biter™ Magnetic Impact Nutdriver and Extractor	CAVBXM6D24	3/8" x 6" Bolt Biter™ Magnetic Impact Nutdriver and Extractor
CAVBXM6D20	5/16" x 6" Bolt Biter™ Magnetic Impact Nutdriver and Extractor		

VORTEX™ BIT HOLDER

- Dual Impact Torsion Zone™ absorbs shock, prevents stripped screws, and extends bit life
- Withstands heavy use in impact applications and prevents over-torquing fasteners
- Compatible with 1/4" hex shank impact drivers and drills
- Optimized tip geometry eliminates cam-out and promotes fastener retention
- Torsion zone delivers maximum performance for impact applications
- Unique steel formulation offers maximum strength
- Laser markings for long-lasting quick and easy size identification



Cat. No.	Size	Overall Length	Quantity Per Package	Product Weight
CAVBH3	1/4 in	3.5 in	1	0.170 lb

VORTEX™

55 PC.

VORTEX™ BIT HOLDER FASTENING SET

- Dual Impact Torsion Zone™ absorbs shock, prevents stripped screws, and extends bit life
- Withstands heavy use in impact applications and prevents over-torquing fasteners
- Compatible with 1/4" hex shank impact drivers and drills
- Optimized tip geometry eliminates cam-out and promotes fastener retention
- Torsion zone delivers maximum performance for impact applications
- Unique steel formulation offers maximum strength
- Laser markings for long-lasting quick and easy size identification
- alphaCASE™ pivoting and detachable rails allows for easy access and customization
- alphaCASE™ designed with superior durability to withstand the toughest jobs



Cat. No.	Included Storage	Product Weight	
CAVBHSET-55	alphaCASE™	1.551 lb	

Cat. No.	Description	Qty.	Cat. No.	Description	Qty.
CAVBH3	VORTEX™ Bit Holder 1/4" x 3-1/2"	1	CAVB1T30-2	T30 x 1" Torx® VORTEX™ Impact Power Bit	2
CAVB1PH1-2	#1 x 1" Phillips® VORTEX™ Impact Power Bit	2	CAVB1T40-2	T40 x 1" Torx® VORTEX™ Impact Power Bit	1
CAVB1PH2-2	#2 x 1" Phillips® VORTEX™ Impact Power Bit	6	CAVB1SQ1-2	#1 x 1" Square VORTEX™ Impact Power Bit	2
CAVB2PH2-2	#2 x 2" Phillips® VORTEX™ Impact Power Bit	5	CAVB1SQ2-2	#2 x 1" Square VORTEX™ Impact Power Bit	6
CAVB1PH3-2	#3 x 1" Phillips® VORTEX™ Impact Power Bit	4	CAVB2SQ2-2	#2 x 2" Square VORTEX™ Impact Power Bit	2
CAVB1SL4-5-2	4 - 5 x 1" Slotted VORTEX™ Impact Power Bit	2	CAVB1SQ3-2	#3 x 1" Square VORTEX™ Impact Power Bit	3
CAVB1SL6-8-2	6 - 8 x 1" Slotted VORTEX™ Impact Power Bit	3	-	1/4" x 1" Magnetic Nutsetter	1
CAVB1SL8-10-2	8 - 10 x 1" Slotted VORTEX™ Impact Power Bit	2	-	5/16" x 1" Magnetic Nutsetter	1
CAVB1T20-2	T20 x 1" Torx® VORTEX™ Impact Power Bit	2	-	7/16" x 1" Magnetic Nutsetter	1
CAVB1T25-2	T25 x 1" Torx® VORTEX™ Impact Power Bit	3	-	1/2" x 1" Magnetic Nutsetter	1
CAVB2T25-2	T25 x 2" Torx® VORTEX™ Impact Power Bit	2			

38 PC.

VORTEX™ BIT HOLDER FASTENING SET



Cat. No.	Included Storage	Product Weight	
CAVSET-38	alphaCASE™	1.000 lb	

Cat. No.	Description	Qty.	Cat. No.	Description	Qty.
CAVB1PH1-2	#1 x 1" Phillips® VORTEX™ Impact Power Bit	2	CAVB1SL8-10-2	8 - 10 x 1" Slotted VORTEX™ Impact Power Bit	1
CAVB1PH2-2	#2 x 1" Phillips® VORTEX™ Impact Power Bit	9	CAVB1T15-2	T15 x 1" Torx® VORTEX™ Impact Power Bit	2
CAVB2PH2-2	#2 x 2" Phillips® VORTEX™ Impact Power Bit	3	CAVB1T20-2	T20 x 1" Torx® VORTEX™ Impact Power Bit	2
CAVB1PH3-2	#3 x 1" Phillips® VORTEX™ Impact Power Bit	2	CAVB1T25-2	T25 x 1" Torx® VORTEX™ Impact Power Bit	6
CAVB1SQ2-2	#2 x 1" Square VORTEX™ Impact Power Bit	3	CAVB2T25-2	T25 x 2" Torx® VORTEX™ Impact Power Bit	3
CAVB2SQ2-2	#2 x 2" Square VORTEX™ Impact Power Bit	3	CAUGBH3-25	u-GUARD™ Covered Bit Holder 1/4" x 3"	1
CAVB1SL6-8-2	6 - 8 x 1" Slotted VORTEX™ Impact Power Bit	1			

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Smart gets the job done right.
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31 PC. VORTEX™ BIT HOLDER FASTENING SET



Cat. No.	Included Storage	Product Weight
CAVBHSET-31	alphaCASE™	0.925 lb

Cat. No.	Description	Qty.	Cat. No.	Description	Qty.
CAVBH3	VORTEX™ Bit Holder 1/4" x 3-1/2"	1	CAVB1T15-2	T15 x 1" Torx® VORTEX™ Impact Power Bit	1
CAVAD216	VORTEX™ Impact 1/4" Drive Socket Adapter	1	CAVB1T20-2	T20 x 1" Torx® VORTEX™ Impact Power Bit	1
CAVAD224	VORTEX™ Impact 3/8" Drive Socket Adapter	1	CAVB1T25-2	T25 x 1" Torx® VORTEX™ Impact Power Bit	2
CAVB1PH1-2	#1 x 1" Phillips® VORTEX™ Impact Power Bit	2	CAVB2T25-2	T25 x 2" Torx® VORTEX™ Impact Power Bit	1
CAVB1PH2-2	#2 x 1" Phillips® VORTEX™ Impact Power Bit	5	CAVB1T30-2	T30 x 1" Torx® VORTEX™ Impact Power Bit	1
CAVB2PH2-2	#2 x 2" Phillips® VORTEX™ Impact Power Bit	2	CAVB1SQ1-2	#1 x 1" Square VORTEX™ Impact Power Bit	1
CAVB1PH3-2	#3 x 1" Phillips® VORTEX™ Impact Power Bit	2	CAVB1SQ2-2	#2 x 1" Square VORTEX™ Impact Power Bit	3
CAVB1SL4-5-2	4 - 5 x 1" Slotted VORTEX™ Impact Power Bit	1	CAVB2SQ2-2	#2 x 2" Square VORTEX™ Impact Power Bit	1
CAVB1SL6-8-2	6 - 8 x 1" Slotted VORTEX™ Impact Power Bit	2	CAVB1SQ3-2	#3 x 1" Square VORTEX™ Impact Power Bit	2
CAVB1SL8-10-2	8 - 10 x 1" Slotted VORTEX™ Impact Power Bit	1			

15 PC. VORTEX™ BIT HOLDER WITH TORX® BITS



Cat. No.	Included Storage	Product Weight
CAVBH1T25-15	Storage Case	0.349 lb

Cat. No.	Description	Qty.	Cat. No.	Description	Qty.
CAVBH3	VORTEX™ Bit Holder 1/4" x 3-1/2"	1	CAVB1T25-2	T25 x 1" Torx® VORTEX™ Impact Power Bit	14

VORTEX™ IMPACT POWER BITS

- Optimized tip geometry eliminates cam-out and promotes fastener retention
- Torsion zone delivers maximum performance for impact applications
- Laser markings for long-lasting quick and easy size identification
- Unique steel formulation offers maximum strength
- Unique heat treat process maximizes bit life



Cat. No.	Tip Style	Tip Size	Size	Overall Length	Quantity Per Package	Product Weight
CAVB1PH1-2	Phillips®	#1	#1	1.0 in	2	0.020 lb
CAVB1PH1-25	Phillips®	#1	#1	1.0 in	25	0.020 lb

(Continued on next page)

VORTEX™

VORTEX™ IMPACT POWER BITS *(Continued from previous page)*

Cat. No.	Tip Style	Tip Size	Size	Overall Length	Quantity Per Package	Product Weight
CAVB2PH1-2	Phillips®	#1	#1	2.0 in	2	0.030 lb
CAVB2PH1-25	Phillips®	#1	#1	2.0 in	25	0.020 lb
CAVB3BPH1	Phillips®	#1	#1	3.5 in	2	0.063 lb
CAVB1PH2-2	Phillips®	#2	#2	1.0 in	2	0.030 lb
CAVB1PH2-25	Phillips®	#2	#2	1.0 in	25	0.020 lb
CAVB2PH2-2	Phillips®	#2	#2	2.0 in	2	0.250 lb
CAVB2PH2-25	Phillips®	#2	#2	2.0 in	25	0.020 lb
CAVB3BPH2	Phillips®	#2	#2	3.5 in	2	0.060 lb
CAVB3PH2-25	Phillips®	#2	#2	3.5 in	25	0.040 lb
CAVB6PH2	Phillips®	#2	#2	6.0 in	1	0.250 lb
CAVB6PH2-25	Phillips®	#2	#2	6.0 in	25	0.075 lb
CAVB1PH3-2	Phillips®	#3	#3	1.0 in	2	0.030 lb
CAVB1PH3-25	Phillips®	#3	#3	1.0 in	25	0.020 lb
CAVB2PH3-2	Phillips®	#3	#3	2.0 in	2	0.040 lb
CAVB2PH3-25	Phillips®	#3	#3	2.0 in	25	0.020 lb
CAVB3BPH3	Phillips®	#3	#3	3.5 in	2	0.062 lb
CAVB1SL4-5-2	Slotted	4 - 5	4 - 5	1.0 in	2	0.020 lb
CAVB2SL4-5-2	Slotted	4 - 5	4 - 5	2.0 in	2	0.040 lb
CAVB2SL4-5-25	Slotted	4 - 5	4 - 5	2.0 in	25	0.020 lb
CAVB1SL6-8-2	Slotted	6 - 8	6 - 8	1.0 in	2	0.020 lb
CAVB2SL6-8-2	Slotted	6 - 8	6 - 8	2.0 in	2	0.040 lb
CAVB2SL6-8-25	Slotted	6 - 8	6 - 8	2.0 in	25	0.020 lb
CAVB1SL8-10-2	Slotted	8 - 10	8 - 10	1.0 in	2	0.020 lb
CAVB1SL8-10-25	Slotted	8 - 10	8 - 10	1.0 in	25	0.020 lb
CAVB2SL8-10-2	Slotted	8 - 10	8 - 10	2.0 in	2	0.050 lb
CAVB2SL8-10-25	Slotted	8 - 10	8 - 10	2.0 in	25	0.020 lb
CAVB1SQ1-2	Square	#1	#1	1.0 in	2	0.020 lb
CAVB1SQ1-25	Square	#1	#1	1.0 in	25	0.020 lb
CAVB2SQ1-2	Square	#1	#1	2.0 in	2	0.030 lb
CAVB2SQ1-25	Square	#1	#1	2.0 in	25	0.020 lb
CAVB3BSQ1	Square	#1	#1	3.5 in	2	0.063 lb
CAVB1SQ2-2	Square	#2	#2	1.0 in	2	0.030 lb
CAVB1SQ2-25	Square	#2	#2	1.0 in	25	0.020 lb
CAVB2SQ2-2	Square	#2	#2	2.0 in	2	0.250 lb
CAVB2SQ2-25	Square	#2	#2	2.0 in	25	0.020 lb
CAVB3BSQ2	Square	#2	#2	3.5 in	2	0.060 lb
CAVB3SQ2-25	Square	#2	#2	3.5 in	25	0.040 lb
CAVB6SQ2	Square	#2	#2	6.0 in	2	0.090 lb
CAVB6SQ2-25	Square	#2	#2	6.0 in	25	0.075 lb
CAVB1SQ3-2	Square	#3	#3	1.0 in	2	0.020 lb
CAVB1SQ3-25	Square	#3	#3	1.0 in	25	0.020 lb
CAVB2SQ3-2	Square	#3	#3	2.0 in	2	0.050 lb
CAVB2SQ3-25	Square	#3	#3	2.0 in	25	0.020 lb
CAVB3BSQ3	Square	#3	#3	3.5 in	2	0.061 lb

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Tough gets the job done.
Smart gets the job done right.
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Cat. No.	Tip Style	Tip Size	Size	Overall Length	Quantity Per Package	Product Weight
CAVB1T10-2	Torx®	T10	T10	1.0 in	2	0.030 lb
CAVB1T10-25	Torx®	T10	T10	1.0 in	25	0.020 lb
CAVB2T10-2	Torx®	T10	T10	2.0 in	2	0.040 lb
CAVB1T15-2	Torx®	T15	T15	1.0 in	2	0.020 lb
CAVB1T15-25	Torx®	T15	T15	1.0 in	25	0.020 lb
CAVB2T15-2	Torx®	T15	T15	2.0 in	2	0.040 lb
CAVB2T15-25	Torx®	T15	T15	2.0 in	25	0.020 lb
CAVB1T20-2	Torx®	T20	T20	1.0 in	2	0.020 lb
CAVB1T20-25	Torx®	T20	T20	1.0 in	25	0.020 lb
CAVB2T20-2	Torx®	T20	T20	2.0 in	2	0.040 lb
CAVB2T20-25	Torx®	T20	T20	2.0 in	25	0.020 lb
CAVB3BT20	Torx®	T20	T20	3.5 in	2	0.063 lb
CAVB1T25-2	Torx®	T25	T25	1.0 in	2	0.030 lb
CAVB1T25-25	Torx®	T25	T25	1.0 in	25	0.020 lb
CAVB2T25-2	Torx®	T25	T25	2.0 in	2	0.040 lb
CAVB2T25-25	Torx®	T25	T25	2.0 in	25	0.020 lb
CAVB3BT25	Torx®	T25	T25	3.5 in	2	0.060 lb
CAVB3T25-25	Torx®	T25	T25	3.5 in	25	0.040 lb
CAVB6T25	Torx®	T25	T25	6.0 in	1	0.250 lb
CAVB6T25-25	Torx®	T25	T25	6.0 in	25	0.076 lb
CAVB1T27-2	Torx®	T27	T27	1.0 in	2	0.040 lb
CAVB1T27-25	Torx®	T27	T27	1.0 in	25	0.020 lb
CAVB2T27-2	Torx®	T27	T27	2.0 in	2	0.040 lb
CAVB2T27-25	Torx®	T27	T27	2.0 in	25	0.020 lb
CAVB1T30-2	Torx®	T30	T30	1.0 in	2	0.030 lb
CAVB1T30-25	Torx®	T30	T30	1.0 in	25	0.020 lb
CAVB2T30-2	Torx®	T30	T30	2.0 in	2	0.050 lb
CAVB2T30-25	Torx®	T30	T30	2.0 in	25	0.020 lb
CAVB3BT30	Torx®	T30	T30	3.5 in	2	0.062 lb
CAVB1T40-2	Torx®	T40	T40	1.0 in	2	0.040 lb
CAVB1T40-25	Torx®	T40	T40	1.0 in	25	0.020 lb
CAVB2T40-2	Torx®	T40	T40	2.0 in	2	0.050 lb
CAVB1TR25-25	Security Torx®	T25	T25	1.0 in	25	0.020 lb
CAVB1TR27-25	Security Torx®	T27	T27	1.0 in	25	0.020 lb
CAVB1PZ1-25	Pozidriv®	#1	#1	1.0 in	25	0.020 lb
CAVB1PZ2-25	Pozidriv®	#2	#2	1.0 in	25	0.020 lb
CAVB1PZ3-25	Pozidriv®	#3	#3	1.0 in	25	0.020 lb
CAVB1HX6-25	Hex	3/8 in	3/8 in	1.0 in	25	0.020 lb
CAVB1HX9-25	Hex	9/16 in	9/16 in	1.0 in	25	0.020 lb
CAVB1HX12-25	Hex	3/16 in	3/16 in	1.0 in	25	0.020 lb
CAVB1HX16-25	Hex	1/4 in	1/4 in	1.0 in	25	0.020 lb
CAVB1HM2-25	Hex	2 mm	2 mm	1.0 in	25	0.020 lb
CAVB1HM3-25	Hex	3 mm	3 mm	1.0 in	25	0.020 lb
CAVB1HXR10-25	Security Hex	10	10	1.0 in	25	0.020 lb
CAVB1HXR9-25	Security Hex	9	9	1.0 in	25	0.020 lb

VORTEX™

INSERT BITS

- Full body design for greater strength and durability
- Optimized tip geometry eliminates cam-out and promotes fastener retention
- S2 steel formulation offers maximum strength
- Unique heat treat process maximizes bit life
- Laser markings for long-lasting quick and easy size identification



Cat. No.	Tip Style	Tip Size	Size	Overall Length	Quantity Per Package	Product Weight
CAB1PH2-2	Phillips®	#2	#2	1.0 in	2	0.250 lb
CAB1SQ2-2	Square	#2	#2	1.0 in	2	0.250 lb
CAB1T25-2	Torx®	T25	T25	1.0 in	2	0.250 lb

7 PC. VORTEX™ BIT AND FINDER SLEEVE SET

- Torsion zone delivers maximum performance for impact applications
- Optimized tip geometry eliminates cam-out and promotes fastener retention
- Laser markings for long-lasting quick and easy size identification
- Unique steel formulation offers maximum strength
- Heat treat process maximizes bit life



Cat. No.	Included Storage	Product Weight
CABDG1R-7	Rail	0.250 lb

Cat. No.	Description	Qty.	Cat. No.	Description	Qty.
CABD3-1	3" Drive Guide	1	CAVB1T25-2	T25 x 1" Torx® VORTEX™ Impact Power Bit	2
CAVB1PH2-2	#2 x 1" Phillips® VORTEX™ Impact Power Bit	2	CAVB1SQ2-2	#2 x 1" Square VORTEX™ Impact Power Bit	2

VORTEX™ IMPACT SOCKET ADAPTERS

- Ball detent for secure socket retention and easy replacement
- Torsion zone delivers maximum performance for impact applications
- Unique steel formulation offers maximum strength
- Heat treat process maximizes bit life
- Black oxide finish to resist corrosion



Cat. No.	Size	Overall Length	Quantity Per Package	Product Weight
CAVAD216	1/4 in	1.875 in	1	0.250 lb
CAVAD216-25	1/4 in	2.0 in	25	0.020 lb
CAVAD224	3/8 in	1.875 in	1	0.250 lb
CAVAD224-25	3/8 in	2.0 in	25	0.040 lb
CAVAD232	1/2 in	2.0 in	1	0.150 lb
CAVAD232-25	1/2 in	2.0 in	25	0.060 lb

3 PC. VORTEX™ IMPACT SOCKET ADAPTER SET



Cat. No.	Included Storage	Product Weight		
CAVAD2R-3	Rail	0.250 lb		
Cat. No.	Description	Cat. No.	Description	
CAVAD216	VORTEX™ Impact 1/4" Drive Socket Adapter	CAVAD232-25	VORTEX™ Impact 1/2" Drive Socket Adapter	
CAVAD224	VORTEX™ Impact 3/8" Drive Socket Adapter			

VORTEX™ MAGNETIC NUTSETTERS

- Integrated magnet helps prevent nuts from falling out
- Optimized tip geometry eliminates cam-out and promotes fastener retention
- Torsion zone delivers maximum performance for impact applications
- Laser markings for long-lasting quick and easy size identification
- Unique steel formulation offers maximum strength
- Heat treat process maximizes bit life



Cat. No.	Size	Overall Length	Quantity Per Package	Product Weight
CAVN2DHX16	1/4 in	2.56 in	1	0.250 lb
CAVN2DHX16-25	1/4 in	2.65 in	25	0.088 lb
CAVN2DHX20	5/16 in	2.56 in	1	0.250 lb
CAVN2DHX20-25	5/16 in	2.65 in	25	0.088 lb
CAVN2DHX24	3/8 in	2.56 in	1	0.250 lb
CAVN2DHX24-25	3/8 in	2.65 in	25	0.088 lb
CAVN2DHX28	7/16 in	2.56 in	1	0.250 lb
CAVN2DHX28-25	7/16 in	2.65 in	25	0.088 lb

3" DRIVE GUIDE

- Magnetic tip keeps fasteners securely in place
- Quick-release for easy release of screwdriver bits
- Modified S2 Steel to maximize bit life
- Proprietary heat treat process extending bit life
- Impact rated



Cat. No.	Size	Overall Length	Quantity Per Package	Product Weight
CABD3-1	1/4 in	3.0 in	1	0.040 lb
CABD3-25	1/4 in	3.0 in	25	0.090 lb

2" QUICK RELEASE BIT HOLDER

- Magnetic tip keeps fasteners securely in place
- Quick-release for easy release of screwdriver bits
- Modified S2 Steel to maximize bit life
- Proprietary heat treat process extending bit life
- Impact rated



Cat. No.	Size	Overall Length	Product Weight
CABQ2D-1	1/4 in	2.0 in	0.100 lb

u-GUARD™ COVERED BIT HOLDER

- Non-marring cover protects from scratching or damages
- Protective sleeve provides enhanced control and safety while fastening
- Full body bit design for greater strength and durability
- S2 steel formulation offers maximum strength
- Unique heat treat process maximizes bit life



Cat. No.	Size	Overall Length	Quantity Per Package	Product Weight
CAUGBH3-25	1/4 in	3.0 in	25	0.088 lb

u-GUARD™ COVERED MAGNETIC NUTSETTERS

- Integrated magnet helps prevent nuts from falling out



Cat. No.	Size	Overall Length	Quantity Per Package	Product Weight
CAUGN2DHX16	1/4 in	2.56 in	1	0.250 lb
CAUGN2DHX20	5/16 in	2.56 in	1	0.080 lb
CAUGN2DHX24	3/8 in	2.56 in	1	0.250 lb
CAUGN2DHX28	7/16 in	2.56 in	1	0.090 lb

—|—
Tough gets the job done.
Smart gets the job done right.
—|—

u-GUARD™ COVERED QUICK CHANGE MAGNETIC BIT HOLDER



Cat. No.	Overall Length	Quantity Per Package	Product Weight
CAUGBQ2D	2.56 in	1	0.250 lb

u-GUARD™ COVERED MAGNETIC IMPACT POWER BITS

- Magnetic ring helps to pick up and retain fasteners
- Optimized tip geometry eliminates cam-out and promotes fastener retention



Cat. No.	Tip Style	Tip Size	Size	Overall Length	Quantity Per Package	Product Weight
CAUMB3BPH2	Phillips®	#2	#2	3.5 in	2	0.250 lb
CAUMB3BT25	Torx®	T25	T25	3.5 in	2	0.250 lb
CAUMB3BSQ2	Square	#2	#2	3.5 in	2	0.250 lb

u-GUARD™ COVERED IMPACT POWER BITS

- Optimized tip geometry eliminates cam-out and promotes fastener retention



Cat. No.	Tip Style	Tip Size	Size	Overall Length	Quantity Per Package	Product Weight
CAUGB3BPH2	Phillips®	#2	#2	3.5 in	2	0.250 lb
CAUGB3BT25	Torx®	T25	T25	3.5 in	2	0.250 lb
CAUGB3BSQ2	Square	#2	#2	3.5 in	2	0.250 lb

u-GUARD™

30 PC.

u-GUARD™ ALPHACASE™ SET

- alphaCASE™ pivoting and detachable rails allows for easy access and customization
- alphaCASE™ designed with superior durability to withstand the toughest jobs



Cat. No.	Included Storage	Product Weight				
CAUGSET-30	alphaCASE™	1.583 lb				
Cat. No.	Description	Qty.	Cat. No.	Description	Qty.	
CAUGBQ2D	u-GUARD™ Covered Quick Change Magnetic Bit Holder	1	CAVB1PH3-2	#3 x 1" Phillips® VORTEX™ Impact Power Bit	1	
CAUGN2DHX16	1/4" u-GUARD™ Covered Magnetic Nutsetter	1	CAVB1SL8-10-2	8 - 10 x 1" Slotted VORTEX™ Impact Power Bit	1	
CAUGN2DHX20	5/16" u-GUARD™ Covered Magnetic Nutsetter	1	CAVB1T20-2	T20 x 1" Torx® VORTEX™ Impact Power Bit	1	
CAUMB3BPH2	#2 Phillips® u-GUARD™ Covered Impact Power Bit with Ring Magnet	1	CAVB1T25-2	T25 x 1" Torx® VORTEX™ Impact Power Bit	1	
CAUGB3BPH2	#2 x 3-1/2" Phillips® u-GUARD™ Covered Impact Power Bit	1	CAVB2T25-2	T25 x 2" Torx® VORTEX™ Impact Power Bit	2	
CAVB1PH1-2	#1 x 1" Phillips® VORTEX™ Impact Power Bit	2	CAVB1SQ2-2	#2 x 1" Square VORTEX™ Impact Power Bit	2	
CAVB1PH2-2	#2 x 1" Phillips® VORTEX™ Impact Power Bit	6	CAVB2SQ2-2	#2 x 2" Square VORTEX™ Impact Power Bit	2	
CAVB2PH2-2	#2 x 2" Phillips® VORTEX™ Impact Power Bit	4				



TRADE TOOLS

HVAC

SIDING & TRIM

PLUMBING

ELECTRICAL

3-BLADE CRIMPER

- Crimps male fitting end to connect guttering, downspouts, or metal pipe
- Optimal handle span for maximum power and comfortable operating range
- Ergonomic, single material non-slip handle grips provide excellent control and easy cleaning with built-in hang hole for convenient storage
- Handle latch keeps blades closed during storage or when not in use
- Compound action jaw provides excellent comfort and control



Cat. No.	Handle Material	Number of Blades	Throat Depth	Overall Length	Product Weight
WC3SN	Non-Slip Cushion Grip	3	1.25 in	9.75 in	0.85 lb

5-BLADE CRIMPER

- Crimps male fitting end to connect guttering, downspouts, or metal pipe
- Optimal handle span for maximum power and comfortable operating range
- Ergonomic, single material non-slip handle grips provide excellent control and easy cleaning with built-in hang hole for convenient storage
- Handle latch keeps blades closed during storage or when not in use
- Compound action jaw provides excellent comfort and control



Cat. No.	Handle Material	Number of Blades	Throat Depth	Overall Length	Product Weight
WC5SN	Non-Slip Cushion Grip	5	1.25 in	9.75 in	0.95 lb
WC5LN	Non-Slip Cushion Grip	5	1.625 in	10.0 in	1.00 lb

HAND NOTCHER

- Cuts 30-degree V-shaped notch in sheet metal
- Produces a clean notch without slipping at corners or take-off tabs
- Ergonomic, single material non-slip handle grips provide excellent control and easy cleaning with built-in hang hole for convenient storage
- Handle latch keeps blades closed during storage or when not in use



Cat. No.	Handle Material	Cutting Angle	Throat Depth	Overall Length	Product Weight
WHN1N	Non-Slip Cushion Grip	30°	0.812 in	8.75 in	0.95 lb

HAND SEAMER

- Used for bending and flattening sheet metal
- Optimal handle span for maximum power and comfortable operating range
- Ergonomic, single material non-slip handle grips provide excellent control and easy cleaning with built-in hang hole for convenient storage
- Handle latch keeps blades closed during storage or when not in use
- 1/4" depth markings
- Produces a permanent, tight-fitting seam



Cat. No.	Jaw Capacity	Throat Depth	Jaw Width	Overall Length	Product Weight
WS3N	0.25 in - 1.25 in	1.25 in	3.25 in	9.25 in	1.35 lb
WS6N	0.25 in - 1.25 in	1.25 in	6 in	9.25 in	1.90 lb

OFFSET HAND SEAMER

- Used for bending and flattening sheet metal
- Ideal for working in confined areas
- Optimal handle span for maximum power and comfortable operating range
- Ergonomic, single material non-slip handle grips provide excellent control and easy cleaning with built-in hang hole for convenient storage
- Handle latch keeps blades closed during storage or when not in use
- 1/4" depth markings
- Produces a permanent, tight-fitting seam



Cat. No.	Jaw Capacity	Throat Depth	Jaw Width	Overall Length	Product Weight
WS4N	0.25 in - 1.25 in	1.25 in	3.25 in	9.0 in	1.40 lb

CABLE TIE TENSIONING TOOL

- Designed to install both heavy and light duty nylon cable ties
- For tightening nylon ties when securing flex duct to take-off collars
- Easy-to-operate cut-off mechanism that trims excess cable strap
- Ergonomic, single material non-slip handle grips provide excellent control and easy cleaning



Cat. No.	Handle Material	Cable Tie Width	Overall Length	Product Weight
WT1	Non-Slip Plastic	0.375" and Thinner	7.5 in	0.90 lb

FOLDING TOOLS

- Commonly used for folding channels and making long uniform bends in sheet metal
- Ideal for folding drive cleat channels with 3/8" depth to make longer wider folds in register boots, end caps, plenums, etc
- Constructed of heavy 16 gauge steel that keeps folding channels from widening and ensures precise and accurate bends
- 3/8" and 1" depth folding channel to ensure proper depth alignment



Cat. No.	Folding Channel Depths	Overall Length	Product Weight
WF12	0.375 in & 1 in	12.0 in	1.30 lb
WF18	0.375 in & 1 in	18.0 in	2.00 lb
WF24	0.375 in & 1 in	24.0 in	2.70 lb

JAB SAW

- Sharpened tip, featuring a knife like edge, allows for easier penetration through sheetrock reducing user fatigue
- Precision-ground teeth provide superior cutting quality and reduced cutting effort through optimized blade geometry
- Optimized hand & finger contact points in handle to maximize fit, control, and user ergonomics
- Dual material handle for increased comfort



Cat. No.	Blade Length	Tooth Type	Overall Length	Product Weight
CTJSAW	6.375 in	Standard	12.0 in	0.68 lb

DUCT CUTTER

- Dual-cut technology provides a serrated and smooth cutting surface to address both needs
- Precision-ground cutting edges provide superior cutting quality and reduced cutting effort through optimized blade geometry
- Optimized hand & finger contact points in handle to maximize fit, control, and user ergonomics
- Shorter overall length for control, while keeping the blade length the same
- Dual material handle for increased comfort



Cat. No.	Handle Material	Blade Length	Overall Length	Product Weight
CTDKNIFE	Dual Material	4.5 in	14.375 in	1.1 lb

FLEX DUCT CUTTER

- Dual-cut technology provides a serrated and smooth cutting surface to address both needs
- Shear cut design allows quick and easy cutting of the hard still wire within the flex duct
- Optimized hand & finger contact points in handle to maximize fit, control, and user ergonomics
- Compound action cutter for superior cut performance
- Ergonomic, two shot material non-slip handle grips provide excellent control and easy cleaning with built-in hang hole for convenient storage
- Spring-action handle for a faster, effortless feed
- Handles have built-in stops, providing consistent operation and blade opening
- Free float design on the pivot bolt provides longer life
- Single-handed latch operation for left or right-handed use



Cat. No.	Handle Material	Blade Length	Overall Length	Product Weight
CTFDUCTC	Non-Slip Plastic	4 in	17.5 in	1.75 lb

CIRCLE HOLE CUTTER

- Heavy-duty metal construction for a lifetime of consistent and accurate cuts
- Precision ground drill bit for smooth cutting
- Easily adjustable for cutting circles ranging from 2" -12" in diameter
- Includes SAE and metric size markings



Cat. No.	Handle Material	Cutting Diameter	Overall Length	Product Weight
CTHOLECUT	Steel	2 in - 12 in	17.375 in	0.95 lb

DUCT STRETCHER

- Adjustable duct flange tangs for numerous duct stretching configurations
- High strength construction with an integrated dipped grip handle for comfortable all day use
- Lightweight aluminum construction
- Long handled design for greater leverage



Cat. No.	Handle Material	Overall Length	Product Weight
CTDUCTST	Non-Slip PVC	13.0 in	4.5 lb

SIDING REMOVAL TOOL

- Innovative dual material handle for comfort and performance
- Includes reverse and offset scrapers
- Oil and solvent resistant



Cat. No.	Handle Material	Overall Length	Product Weight
WSR1N	Non-Slip Plastic	9.0 in	0.20 lb

SNAP LOCK PUNCH

- Forms tabs to secure vinyl siding or plastic skirting to finishing trim
- 3/8" throat
- Vinyl handle grips for added comfort



Cat. No.	Handle Material	Overall Length	Product Weight
WSLP1	Plastic Dipped	11.0 in	0.70 lb

MOLDING MITER SNIPS

- 33% lower force to cut provides a superior cutting performance
- Perfect for cutting all types of small molding in PVC, MDF, and pine
- Integrated measurements provide accuracy and efficiency
- Improved ergonomic, non-slip grips enhance control and reduce hand fatigue



Cat. No.	Cutter Head/Blades	Blade Length	Cuts Material Types	Overall Length	Product Weight
CTM45RS	Straight/ Center	2.5 in	Small Molding in PVC/MDF/Pine	9 in	0.75 lb

PIPE REAMER

- Dual sided design for internal and external pipe reaming
- Reams pipes up to 1-5/8"



Cat. No.	Cutting Capacity	Overall Length	Product Weight
CTPIPEREAM	Up to 1-5/8 in	10.0 in	3.5 lb

METAL PIPE CUTTERS

- Heavy-duty construction provides market-leading strength, durability, and excellent cutting performance over the life of the tool
- Roller wheels allows for a clean and square cut at any pipe size
- Adjustment wheel optimizes hand and finger contact points to maximize fit, control, and user ergonomics
- Additional replacement cutting wheel located inside the adjustment wheel



Cat. No.	Cutting Diameter	Cuts Material Types	Overall Length	Product Weight
CMPC118	0.25 in - 1.125 in	Brass/Copper/Aluminum	5.375 in	0.87 lb
CMPC218	0.25 in - 2.125 in	Brass/Copper/Aluminum	10.625 in	1.21 lb

MEDIUM PVC PIPE CUTTERS

- Precision-ground cutting edge provide superior cutting quality & reduced cutting effort through optimized blade geometry
- Large jaw capacity pipe cutting size range of 1/4" to 1-1/8" diameter pipe
- High strength ratcheting mechanism all-metal construction yields a heavy-duty ratcheting mechanism for a high strength cut
- Non-slip grips provide superior ergonomics while cutting through even the thickest of material



Cat. No.	Cutting Diameter	Cuts Material Types	Overall Length	Product Weight
CRPC118	0.25 in - 1.125 in	PVC/PEX	11.625 in	1.1 lb

LARGE PVC PIPE CUTTERS

- Precision-ground cutting edge provide superior cutting quality & reduced cutting effort through optimized blade geometry
- Large jaw capacity pipe cutting size range of 1/4" to 2-3/8" diameter pipe
- High strength ratcheting mechanism all-metal construction yields a heavy-duty ratcheting mechanism for a high strength cut
- Non-slip grips provide superior ergonomics while cutting through even the thickest of material



Cat. No.	Cutting Diameter	Cuts Material Types	Overall Length	Product Weight
CRPC238	0.25 in - 2.375 in	Rod/Bar/Wire	13.375 in	1.51 lb

7 PC. INSULATED SCREWDRIVER SET

- Insulated handles rated to 1,000 volts for peace of mind while working in electrical spaces
- Thin wall insulation jacket for greater access
- High strength heat-treated alloy tips
- Easy to read sizing for quick identification
- WARNING: Not for use on live circuits. Best practice is to always disconnect or terminate any live current to a work area before use



Cat. No.	Product Weight
CTVDESDS	0.800 lb

INSULATED DIAGONAL CUTTING PLIERS

- Insulated design for use in high-voltage areas with up to 1000V of alternating current, VDE certified, and built to meet IEC/EN 60900-2012
- Laser hardened cutting edges cut clean
- Ergonomic anti-slip handles maximize comfort and grip strength
- Anti-rust coating extends plier life, preserving their edge and finish
- Exceeds ASME specifications



Cat. No.	Overall Length	Jaw Length	Cutting Edge Length	Product Weight
6DIAGVDE	6.0 in	0.87 in	0.87 in	0.495 lb
7DIAGVDE	7.0 in	1.08 in	1.08 in	0.605 lb

INSULATED LINEMAN'S PLIERS

- Insulated design for use in high-voltage areas with up to 1000V of alternating current
- Laser hardened cutting edges cut clean and remain sharp 50% longer
- Ergonomic anti-slip handles maximize comfort and grip strength
- Anti-rust coating extends plier life, preserving their edge and finish
- Meets or exceeds ASME requirements
- VDE certified and built to meet IEC/EN 60900-2012
- WARNING: Not for use on live circuits. Best practice is to always disconnect or terminate any live current to a work area before use



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Product Weight
6LMVDE	6.0 in	1.4 in	0.4 in	0.28 in	0.555 lb
7LMVDE	7.0 in	1.56 in	0.4 in	0.30 in	0.660 lb
8LMVDE	8.0 in	1.65 in	0.44 in	0.36 in	0.792 lb

INSULATED LONG NOSE PLIERS

- Insulated design for use in high-voltage areas with up to 1000V of alternating current, VDE certified, and built to meet IEC/EN 60900-2012
- Laser hardened cutting edges cut clean
- Ergonomic anti-slip handles maximize comfort and grip strength
- Anti-rust coating extends plier life, preserving their edge and finish
- Exceeds ASME specifications



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Product Weight
6LNVDE	6.0 in	1.94 in	0.12 in	0.17 in	0.415 lb
8LNVDE	8.0 in	3.02 in	0.12 in	0.2 in	0.560 lb

INSULATED WIRE STRIPPER PLIERS

- Insulated design for use in high-voltage areas with up to 1000V of alternating current, VDE certified, and built to meet IEC/EN 60900-2012
- Ergonomic anti-slip handles maximize comfort and grip strength
- Anti-rust coating extends plier life, preserving their edge and finish
- Strips wires up to 7 AWG
- Exceeds ASME specifications



Cat. No.	Overall Length	Jaw Type	Wire Stripper	Wire Crimper	Product Weight
6WSVDE	6.0 in	Serrated	Yes	No	0.500 lb

SELF-ADJUSTING WIRE STRIPPER & CUTTER

- Self-adjusting stripper strips wire from 10-24 AWG and Crimps 10-22 AWG Insulated/non-insulated terminals
- Swivel knob fine-adjusts for gauges smaller than 24 AWG
- Adjustable stopper to control the length of the core strip
- Integrated wire cutter in handle
- Ergonomic dual material grips for comfort
- Meets or exceeds ASME Specifications



Cat. No.	Overall Length	Strips Wire Sizes, No.	Crimps Wire Sizes	Wire Stripper	Wire Crimper	Product Weight
8WSCSA	8.0 in	10-24 AWG	10-24 AWG	Yes	Yes	0.660 lb

HEAVY DUTY **WIRE STRIPPER**

Born from necessity with quality and unparalleled design.

Crescent's line of wire strippers are built with sharp cutting edges to efficiently strip wire, for seamless performance on the job. Our range is available in different types and sizes for the many needs on the job. With features like the Z2 plier cross-hatched jaws for maximum gripping, or a hardwire cutter, crafted to cut with ease for longer tool lifespan, these tools are built for professionals, providing solutions to countless real-world problems.



TPR Molded Grips

High durometer design allows for all day use and surgical like use of the tool

CTWIRES

Laser Etched Markings

For easy reading

Shear Cut Hard Wire Cutter

Integrated for longer life

Integrated Wire Nut Holder

Cross-Hatched Jaws

Ideal for all plier gripping, bending and twisting applications

HEAVY DUTY WIRE STRIPPER

- Designed to strip wires between 10 AWG and 18 AWG
- Wire stripper, wire cutter, bolt cutter and plier
- Cross hatch jaw for gripping and pulling
- Ergonomic and comfortable TPR molded grips with tether point
- Laser etched markings for easy reading
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Jaw Type	Cuts Bolt Sizes	Wire Crimper	Product Weight
CTWIRES	8.0 in	Wire Stripper	M6 & M8 Bolts	No	0.55 lb

WIRE CRIMPER

- Works on the most common residential and commercial wire sizes
- Laser etched markings for easy reading
- Extended length handles for high leverage, yielding much lower force to successfully crimp junctions
- Drop-forged diagonal cut end nipper
- Professional easy clean dipped grips
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Strips Wire Sizes, No.	Jaw Type	Wire Crimper	Product Weight
CTWIREC	8.0 in	0.5 mm - 16mm	Wire Crimper	Yes	0.55 lb

7 IN. WIRE STRIPPER PLIER MOLDED GRIP

- Designed to strip wires between 10 AWG and 20 AWG, stripping insulation without marring the wire
- Ideal for general purpose wire stripping and cutting
- Lifetime pivot bearing and comfortable dipped handle grips
- Exceeds ASME specifications



Cat. No.	Overall Length	Wire Stripper	Wire Crimper	Product Weight
7WSDG	7.0 in	Yes	Yes	0.440 lb

WIRE STRIPPER AND CRIMPER

- Designed to strip wires between 10 AWG and 22 AWG



Cat. No.	Overall Length	Strips Wire Sizes, No.	Crimps Wire Sizes	Jaw Type	Cuts Bolt Sizes	Product Weight
8WSCCDG	8.0 in	10-22 AWG	10-22 AWG	Plier, Stripper, Cutter, Crimper	4-40, 5-40, 6-32, 10-32 and 10-24	0.390 lb

2-IN-1 COMBO LINESMAN PLIERS

- Unique design combines a lineman's plier and wire stripper in one tool
- Performs both cutting and stripping operations to make quick, efficient work of wire connections
- Provides the flexibility of a multi-purpose tool with the precision and performance of high quality pliers
- Wire stripper cuts and strips 20-10 AWG and 0.8 mm-2.6 mm wire
- Locking switch can be operated with one hand
- Forged alloy steel heads are strong and durable
- Induction-hardened cutting edges
- Dual material handles offer a more comfortable grip
- Wire stripper head is laser-etched with corresponding AWG and metric sizing
- Industrial black finish for corrosion protection



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Wire Cutter	Product Weight
CCP8V	8.25 in	1.375 in	1.062 in	0.35 in	Yes	0.670 lb



STORAGE

CHESTS

PIANO BOXES

FIELD OFFICES

CABINETS

TRUCK BOXES

TRANSFER TANKS

BAGS

ACCESSORIES

SITE-VAULT™ HEAVY-DUTY CHESTS

Tough is table stakes. Smart sets you apart.

Designed for optimal organization, premium access, weather resistance and security, our chests are built to work smarter and harder. Our patented locking system has a full-length steel lock console with three locking points and fluorescent reflective orange tape to indicate when the box is in the locked or unlocked position.



Reinforced Lid with Full-Length Bolster

Reduces damage from excess stacking weight and resists pry bar entry

Site-Vault™ Security System

The patented system has a full-length steel lock console with three locking points and fluorescent reflective orange tape that indicates chest is locked

EZ-Lock Arm

Securely locks lid open

Dual Built-In Lid Storage Bins

Cargo nets hold items like first aid kit, manuals, rain gear and safety items

Integrated Sidewall Cargo Bin

Convenient storage for small tools and parts

Lid Control Gas Spring

Eases lifting and prevents lid from slamming shut

Recessed Handles

Prevent pinched fingers and damage to the handle



2-654990

EZ-Loader 4-Way Skid Bolsters

Allow fork lift loading from any side for quicker and easier transport

SITE-VAULT™ HEAVY DUTY CHESTS

- Site-Vault™ security system is a patented system with 3 locking points and a reflective orange lock indicator that shows when the box is locked or unlocked
- Heavy-duty beveled edge lid eliminates sharp front lid corners and enhances lid strength
- Dual built-in lid storage with integrated cargo nets is perfect for gear and small tools
- EZ-Lock support arm secures and locks lid in open position for safe use
- Upgraded lock system now allows usage of padlock models Master #1, #5, #175 and American #50
- Integrated sidewall cargo bin provides convenient storage for small tools
- Ergonomic lifting handles are positioned inside deep recesses to prevent pinched knuckles and damage to handles
- Heavy-duty EZ-Loader 4-way skid bolsters allow fork lift loading from any side for quicker and easier transport
- Skid bolsters are compatible with casters [Part #1-320993, not included] for easy mobility
- Heavy-duty hinge is staked and welded to prevent the pin from being forced out for break in



Cat. No.	Length	Width	Height	Usable Cu. Ft.	App. Ship Wt.
2-651990	30 in	20 in	19.75 in	5 ft³	60 lb
2-652990	36 in	20 in	27.5 in	9 ft³	98 lb
2-653990	42 in	20 in	27.5 in	10.5 ft³	118 lb
2-654990	48 in	24 in	30.75 in	16.7 ft³	148 lb
2-656990	48 in	30 in	36.75 in	25.6 ft³	190 lb
2-655990	60 in	24 in	30.75 in	21 ft³	182 lb
2-658990	72 in	24 in	30.75 in	25.3 ft³	203 lb

SITE-VAULT™ HEAVY DUTY CHESTS WITH DRAWER



Cat. No.	Length	Width	Height	Usable Cu. Ft.	App. Ship Wt.
2D-656990	48 in	30 in	36.625 in	20 ft³	200 lb
2DL-656990	48 in	30 in	36.625 in	20 ft³	225 lb

SITE-VAULT™ HEAVY-DUTY CHEST REPLACEMENT PARTS



Item No.	Description	Shock	Lock Kit	Elbow
2-651990	30 in Site-Vault™ Heavy-Duty Chest	NO SHOCK	10319-165	10319-200
2-652990	36 in Site-Vault™ Heavy-Duty Chest	NO SHOCK	10319-165	10319-200
2-653990	42 in Site-Vault™ Heavy-Duty Chest	10319-201	10319-165	10319-200
2-654990	48 in Site-Vault™ Heavy-Duty Chest	10159-85	10319-165	10314-03
2-656990	48 in Site-Vault™ Heavy-Duty Chest	10159-90	10319-165	10314-03
2-655990	60 in Site-Vault™ Heavy-Duty Chest	10159-91	10319-165	10319-214
2-658990	72 in Site-Vault™ Heavy-Duty Chest	10159-90	10319-165	10314-03
2D-656990	48 in Site-Vault™ Heavy-Duty Chest w/ Drawer	10159-91	10319-165	10319-214
2DL-656990	48 in Site-Vault™ Heavy-Duty Chest w/ Drawer	10159-92	10319-165	10319-200

TRADESMAN STEEL CHESTS

- High-security design features enclosed dual lock system that resists saws, pry bars, and bolt cutters
- Grip-Rite™ lifting channel provides better grip on lid for easier and safer lid operation
- Rain-drain feature in padlock housing prevents water from collecting in box
- Ergonomic lifting handles are positioned inside deep recesses to prevent pinched knuckles and damage to handles
- EZ-Loader 4-way skid bolsters allow fork lift loading from any side for quicker and easier transport
- Skid bolsters are compatible with casters (Part #1-320993, not included) for easy mobility
- Heavy-duty hinge is staked and welded to prevent the pin from being forced out for break in
- Lid-control gas spring eases opening and closure of lid to prevent lid slamming



Cat. No.	Length	Width	Height	Usable Cu. Ft.	App. Ship Wt.
CJB635990	36 in	19.5 in	22 in	8.9 ft³	88 lb
CJB636990	42 in	20 in	22 in	10.7 ft³	101 lb
CJB637990	48 in	24 in	27.5 in	18.3 ft³	140.5 lb
CJB638990	60 in	24 in	27.5 in	22.9 ft³	155 lb

Tough gets the job done.
Smart gets the job done right.

TRADESMAN STEEL CHEST REPLACEMENT PARTS



Item No.	Description	Lock Kit	Elbow
CJB635990	36 in Tradesman Steel Chest	10318-410	10314-02
CJB636990	42 in Tradesman Steel Chest	10318-410	10314-04
CJB637990	48 in Tradesman Steel Chest	10318-410	10314-02
CJB638990	60 in Tradesman Steel Chest	10318-410	10314-04

CHESTS

HIGH-CAPACITY DROP-FRONT CHEST

- Site-Vault™ security system with fully welded, bolt-cutter proof housing
- Full-length steel lock console with two locking points
- 44" wide low incline loading ramp with 8° loading angle
- Grip-Rite™ lifting channel for easier opening
- Full-length A-frame lid bolster
- Staked and welded hinge
- 1" locking arm
- Power cord access hole
- Recessed handles
- Lid lowering assist shock absorber



Cat. No.	Length	Width	Height	Usable Cu. Ft.	App. Ship Wt.
1-657990	60 in	31 in	45 in	41.5 ft³	340 lb

SLOPE LID CHEST

- Site-Vault™ security system with bolt-cutter proof housing
- Full-length steel lock console with three locking points
- Fully welded padlock housing
- Lid support rod props up lid for a flat working surface
- Grip-Rite™ lifting channel for easier opening
- Full-length A-frame lid bolster
- 1" locking arms
- Staked and welded hinge
- Lift-N-Stow hinged shelf to store bulky items in the bottom
- Recessed handles



Cat. No.	Length	Width	Height	Usable Cu. Ft.	App. Ship Wt.
1-680990	60 in	30 in	39.5 in	32.7 ft³	243 lb

CHEST REPLACEMENT PARTS



Item No.	Description	Shock	Lock Kit	Elbow
1-680990	Slope Lid Chest	NO SHOCK	10318-705	10318-846 Right Hand Side, 10318-847 Left Hand Side
1-657990	High-Capacity Drop-Front Chest	10159-75	10318-705	10314-04

WELDER'S BOX

- Cut-out for supply hose
- Compact and portable
- Staked and welded hinges
- Welded corner gussets
- 10-gauge latching hasp
- Wide lifting handles
- Textured powder paint finish



Cat. No.	Length	Width	Height	Usable Cu. Ft.	App. Ship Wt.
650990D	30 in	16 in	12 in	3.3 ft³	33 lb

EMBEDDED LOCK SMALL CHEST

- Bolt cutter-proof lock housing
- Compact and portable
- Staked and welded hinges
- Welded corner gussets
- 10-gauge latching hasp
- Heavy-duty lifting handles
- Bottom bolsters for lift and support



Cat. No.	Length	Width	Height	Usable Cu. Ft.	App. Ship Wt.
651990D	31 in	18 in	15.5 in	4 ft³	70 lb

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Smart gets the job done right.
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SITE-VAULT™ HEAVY DUTY PIANO BOXES

- Site-Vault™ is a patented security system with 3 locking points and a reflective orange lock indicator that shows when the box is locked or unlocked
- Heavy-duty beveled edge lid eliminates sharp front lid corners and enhances lid strength
- Built-in door storage with hooks and cargo nets for storing harnesses, jackets, etc
- Upgraded lock system now allows usage of padlock models Master #1, #5, #175 and American #50
- Integrated sidewall storage locker can be padlocked for personal items
- Ergonomic lifting handles are positioned inside deep recesses to prevent pinched knuckles and damage to handles
- Heavy-duty EZ-Loader 4-way skid bolsters allow fork lift loading from any side
- Skid bolsters are compatible with casters (Part #1-320993, not included)
- High-strength top shelf is rated to hold 1,000 pounds
- Rigid 4" formed sidewalls resist wind-driven rain and pry bar break-in for long term durability



PIANO BOXES

Cat. No.	Length	Width	Height	Usable Cu. Ft.	App. Ship Wt.
2-681990-01	47.9 in	31 in	51 in	39.1 ft³	298 lb
2-688990-01	60 in	31 in	39 in	36.5 ft³	279.000 lb
2-682990-01	60 in	31 in	51 in	48.9 ft³	354.000 lb
2-683990-01	60 in	31 in	51 in	48.9 ft³	380.000 lb
2-689990-01	74 in	31 in	51 in	60. ft³	413.000 lb
2-684990-01	74 in	31 in	51 in	60.3 ft³	437.500 lb
2-685990-01	74 in	35 in	64 in	87.4 ft³	520.000 lb

SITE-VAULT™ HEAVY DUTY PIANO BOXES WITH DRAWER



Cat. No.	Length	Width	Height	Usable Cu. Ft.	App. Ship Wt.
2D-681990	48 in	31.15 in	56.78 in	44.45 ft³	450 lb
2D-682990	60 in	30.75 in	56.78 in	20 ft³	580 lb

HEAVY DUTY PIANO BOX

- Two gas springs assist with opening and closing the door
- Ergonomic lifting handles are positioned inside deep recesses to prevent pinched knuckles and damage to handles
- Tall bottom bolsters for easily moving a loaded piano box with a forklift
- Rain-drain feature in padlock housing prevents water from collecting in box
- High-security design features enclosed dual lock system that resists saws, pry bars, and bolt cutters



Cat. No.	Length	Width	Height	Usable Cu. Ft.	App. Ship Wt.
640990	60 in	30.5 in	49.88 in	48 ft³	308 lb

SITE-VAULT™ PIANO BOX REPLACEMENT PARTS



Item No.	Description	Shock	Lock Kit	Cable
2-681990-01	48 in Site-Vault™ Heavy-Duty Piano Box	10159-88	10319-165	10109-8
2-682990-01	60 in Site-Vault™ Heavy-Duty Piano Box	10159-88	10319-165	10109-8
2-683990-01	60 in Site-Vault™ Heavy-Duty Piano Box	10159-88	10319-165	10109-8
2-684990-01	74 in Site-Vault™ Heavy-Duty Piano Box	10159-87	10319-165	10109-8
2-685990-01	74 in Site-Vault™ Heavy-Duty Piano Box	10159-78	10319-165	10109-8
2-688990-01	60 in Site-Vault™ Heavy-Duty Piano Box	10159-88	10319-165	10109-8
2-689990-01	74 in Site-Vault™ Heavy-Duty Piano Box	10159-87	10319-165	10109-8
2D-681990	48 in Site-Vault™ Heavy-Duty Piano Box with Drawer	10159-88	10319-165	10109-8
2D-682990	60 in Site-Vault™ Heavy-Duty Piano Box with Drawer	10159-88	10319-165	10109-8

FIELD OFFICE

- Large lockable desktop can be raised to make a flat working surface
- Beveled sidewalls for enhanced weather resistance and security
- Steel pegboard
- 30 cubic foot storage locker
- Rain gutters
- Upper door safety bar support with locking pin
- Stainless steel door hinges resist rust
- EZ-Loader® skid bolsters
- One handle lock
- Storage area for plans and binders on side wall



Cat. No.	Length	Width	Height	Usable Cu. Ft.	App. Ship Wt.
1-674990	63 in	42 in	80 in	100 ft³	660 lb

MOBILE FIELD OFFICE

- Full size desk, easily handles size "E" prints
- 11 built-in bins for organization while on the job
- Removable upper shelf opens the rear wall to add a monitor
- Extreme mobility for convenience on the job; roll it (through 36" doors), telehandle it, or hoist it
- Perfect desk height for comfort while working
- Slide-out bottom shelf for easy access to items



Cat. No.	Length	Width	Height	Usable Cu. Ft.	App. Ship Wt.
1-510990	63 in	33 in	80 in	61 ft³	581 lb

TRADESMAN FIELD OFFICE

- Large lockable desktop can be raised to make a flat working surface
- Built-in sidewall bins
- Upper door safety bar support with locking pin
- Full 42" deep bottom shelf
- Full door weather stripping
- EZ-Loader® 4-way skid bolsters
- One handle lock
- Lid lowering assist shock absorber
- EZ-Loader® skid bolsters
- Formed-in reinforcements strengthen skid bolsters



Cat. No.	Length	Width	Height	Usable Cu. Ft.	App. Ship Wt.
1-669990	63 in	42 in	79 in	99.6 ft³	604 lb

MESH CABINETS

- Removable shelves can be adjusted to multiple positions for maximum storage flexibility
- Sliding shelves provide easy access even when loaded to the maximum capacity of 200 lbs
- Built-in door shelves provide convenient highly visible storage
- Solid top and bottom construction to prevent items from falling through mesh
- Flat bottom shelf with no lip allows easy loading and unloading of heavy items
- White shelving provides high visibility in the cabinet
- Rugged 3 point locking system and continuous door hinges provide long term durability
- Conveniently fits through a standard 3' commercial doorway
- Push handle and shelf provide convenient storage for a step ladder, shelf can hold up to 200 lbs



Cat. No.	Length	Width	Height	Usable Cu. Ft.	App. Ship Wt.
1-402990	42.5 in	33 in	51.25 in	40 ft³	215 lb
1-401990	59.25 in	33 in	55 in	60.46 ft³	328 lb
1-400990	75 in	33 in	55 in	76.96 ft³	375 lb

MESH CABINET REPLACEMENT SHELVES



Item No.	Description	Shelf Part No.
1-402990	Removable White Shelf 42.5 in	14000033
1-401990	Removable White Shelf 59.25 in	14010033
1-400990	Removable White Shelf 75 in	14000033
1-403990	Removable White Shelf 75 in	14000033

HEAVY-DUTY CABINETS

- Nearly 17 linear feet of door shelf storage
- Three 5/8" steel locking pins per door
- Welded corner gussets
- Three heavy-duty lock hooks per door
- EZ-Loader® skid bolsters
- Access holes for electrical cables
- Staked and welded hinge
- Stainless steel door hinges resist rust
- Hand or foot operated door latch release system
- Grip-Rite™ lifting channel



Cat. No.	Description	Length	Width	Height	Usable Cu. Ft.	App. Ship Wt.
1-698990	Two Doors	60.125 in	30.25 in	60.75 in	58.7 ft³	436 lb

Cat. No.	Description	Length	Width	Height	Usable Cu. Ft.	App. Ship Wt.
1-694990	Two Doors	60.750 in	24.25 in	60.25 in	47.5 ft³	379 lb
1-697990	Two Doors, Open Side	60.125 in	24.25 in	60.75 in	47.5 ft³	366 lb
1-695990	Four Doors, Both Sides	60.125 in	32.25 in	60.75 in	63.7 ft³	523 lb

EXTRA HEAVY-DUTY BIN CABINET

- Over 40' of shelving built into doors for smaller items
- Heavy-duty galvanized movable bin dividers
- Dividers can be moved in 2" increments or removed to create various size bins
- Divider assembly required
- Center EZ-Loader® skid bolster
- Formed-in reinforcements strengthen skid bolsters
- 7-gauge, one-piece steel bolsters with holes to install optional casters
- Access holes for electrical cables
- Staked and welded hinges
- Hand or foot operated door latch release system



Cat. No.	Description	Length	Width	Height	Usable Cu. Ft.	App. Ship Wt.
1-693990	Two Doors	72 in	24 in	61 in	49 ft³	522 lb

DRAWER CABINET

- Drawers fully extend for easy access
- Hand or foot operated door latch release system
- Site-Vault™ security system
- Fully welded padlock housing
- EZ-Loader® skid bolsters allow for forklift access from all sides
- Welded corner gussets
- Access holes for electrical cables
- 4.5" deep top shelf and three 3" deep shelves on each door
- Recessed handles
- 2.5" drawers: 75-lb. load capacity; 5.5" drawers: 125-lb. load capacity



Cat. No.	Length	Width	Height	Usable Cu. Ft.	App. Ship Wt.
1-679990	60	30 in	60.8125 in	58.7 ft³	610 lb

ROLLING CLAM SHELL CABINET

- Eight 4" heavy-duty casters open and close cabinet
- Hinge stop prevents cabinet from fully opening and reduces tipping
- High center handles for opening, closing, and moving cabinet
- 10-gauge latching hasp
- Rugged 16-gauge steel construction
- Moveable top and bottom shelves
- Open storage closet for tall items
- Lockable storage locker inside cabinet
- Only key entry area of padlock is exposed



Cat. No.	Length	Width	Height	Usable Cu. Ft.	App. Ship Wt.
692990	62.25 in	30 in	63.5 in	58 ft³	472 lb

ROLLING WORK BENCHES

- Fully adjustable interiors for maximum storage flexibility
- Heavy-duty 18-gauge steel drawers
- 75 lb. capacity drawers
- Ball bearing glides on drawers
- 4 heavy-duty casters; 2 fixed and 2 locking swivel
- Staked and welded hinge
- Welded corner gussets



Cat. No.	Length	Width	Height	Usable Cu. Ft.	App. Ship Wt.
675990	43.375 in	26.875 in	38.5 in	21.7 ft³	267 lb
675996	43.375 in	26.875 in	40.5 in	21.7 ft³	280 lb
676990	43.375 in	26.875 in	38.5 in	21.7 ft³	294 lb
676996	43.375 in	26.875 in	40.5 in	21.7 ft³	307 lb
677990	49.375 in	26.875 in	40.625 in	24.6 ft³	264 lb
678990	49.375 in	26.875 in	40.625 in	24.6 ft³	342 lb

REPLACEMENT PARTS FOR MODELS 675, 676, 677 & 678

- Replacement Parts for Models 675, 676, 677 & 678
- Powder paint



Cat. No.	Description	Length	Width	Height	Works With	Product Weight
608990	Shelf	21.875 in	16.875 in	1.6 in	Models 677 & 678	8.000 lb
605990	2-1/2" Deep Drawer	21.875 in	16.875 in	2.5 in	Models 675 & 676	16.000 lb
609990	2-1/2" Deep Drawer	21.875 in	16.875 in	2.5 in	Models 677 & 678	17.000 lb

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Cat. No.	Description	Length	Width	Height	Works With	Product Weight
606990	4-1/2" Deep Drawer	21.875 in	16.875 in	4.5 in	Models 675 & 676	19.000 lb
610990	4-1/2" Deep Drawer	21.875 in	16.875 in	4.5 in	Models 677 & 678	18.100 lb
607990	5-1/2" Deep Drawer	21.875 in	16.875 in	5.5 in	Models 675 & 676	19.000 lb
611990	5-1/2" Deep Drawer	21.875 in	16.875 in	5.5 in	Models 677 & 678	21.000 lb
616990	10" Deep Drawer	21.875 in	16.875 in	10 in	Models 675 & 676	17.800 lb
617990	10" Deep Drawer	21.875 in	16.875 in	10 in	Models 677 & 678	19.300 lb
612990	Optional 2nd Push Handle	21.875 in	16.875 in	2.0 in	Models 675 & 676	2.000 lb

PUSH-BUTTON PREMIUM GEAR-LOCK™ SINGLE LID ALUMINUM CROSSOVERS

- Gear-Lock™ self adjusting dual rotary lock system always latches and closes for superior security
- Self-aligning latch pins pivot from side to side and lock the lid into Gear-Lock™ latch for premium security
- High-strength body and full-width lock console resist cargo damage and protect the locking mechanism
- RSL™ laminated rigid structural lid bolster for superior strength
- Tough Armor-Brite® powder paint finish has superior rust resistance
- Self rising lids with dual gas spring lid lifts for easy access
- 4-compartment storage tray assists with organization
- Built in storage bins on both ends for convenient small item storage
- Wide top box flanges provide extra strength and durability
- Lid locks from drivers side but can be opened from either side of vehicle



Cat. No.	Color	Size	A	B	C	D	E	F	G	Usable Cu. Ft.	App. Ship Wt.
PAC1580000	Bright	Fullsize	70.125 in	60.125 in	14.25 in	9 in	20.25 in	20.88	71 in	9.2 ft³	76.5 lb
PAC1580002	Black	Fullsize	70.125 in	60.125 in	14.25 in	9 in	20.25 in	20.875 in	71 in	9.2 ft³	76.5 lb
PAC1582000	Bright	Deep Fullsize	70.125 in	60.125 in	17.25 in	12 in	20.25 in	20.88	71 in	11.3 ft³	80.0 lb
PAC1582002	Black	Deep Fullsize	70.125 in	60.125 in	17.25 in	12 in	20.25 in	20.875 in	71 in	11.3 ft³	80.0 lb
PAC1585000	Bright	Super Deep Fullsize	70.125 in	60.125 in	19.875 in	14.625 in	20.25 in	21 in	71 in	13 ft³	83.0 lb
PAC1585002	Black	Super Deep Fullsize	70.125 in	60.125 in	19.875 in	14.625 in	20.25 in	21 in	71 in	13 ft³	83.0 lb
PAC1587000	Bright	Compact	60.125 in	50.125 in	11-1/4 in	6 in	20.25 in	20.875 in	61 in	6.1 ft³	69.0 lb

LOW-PROFILE GEAR-LOCK™ SINGLE LID ALUMINUM CROSSOVERS

- Gear-Lock™ self adjusting dual rotary lock system always latches and closes for superior security
- Self-aligning latch pins pivot from side to side and lock the lid into Gear-Lock™ latch for premium security
- High-strength body and full-width lock console resist cargo damage and protect the locking mechanism
- RSL™ laminated rigid structural lid bolster for superior strength
- Tough Armor-Brite® powder paint finish has superior rust resistance
- Self rising lids with dual gas spring lid lifts for easy access
- 4-compartment storage tray assists with organization
- Built in storage bins on both ends for convenient small item storage
- Wide top box flanges provide extra strength and durability
- Lid locks from drivers side but can be opened from either side of vehicle



Cat. No.	Color	Size	A	B	C	D	E	F	G	Usable Cu. Ft.	App. Ship Wt.
PAC1357000	Bright	Fullsize	70 in	60.25 in	15.125 in	12.125 in	17.875 in	21 in	71.125 in	9.1 ft³	76.5 lb
PAC1357002	Black	Fullsize	70 in	60.25 in	15.125 in	12.125 in	17.875 in	21 in	71.125 in	9.1 ft³	76.5 lb

MID-LID GEAR-LOCK™ PUSH BUTTON ALUMINUM CROSSOVERS

- Gear-Lock™ self adjusting dual rotary lock system always latches and closes for superior security
- Self-aligning latch pins pivot from side to side and lock the lid into Gear-Lock™ latch for premium security
- High-strength body and full-width lock console resist cargo damage and protect the locking mechanism
- RSL™ laminated rigid structural lid bolster for superior strength
- Tough Armor-Brite® powder paint finish has superior rust resistance
- Self rising lids with dual gas spring lid lifts for easy access
- 4-compartment storage tray assists with organization
- Built in storage bins on both ends for convenient small item storage
- Wide top box flanges provide extra strength and durability
- Lid locks from drivers side but can be opened from either side of vehicle



Cat. No.	Color	Size	A	B	C	D	E	F	G	Usable Cu. Ft.	App. Ship Wt.
PAC1596000	Bright	Fullsize	70.125 in	60.125 in	14.25 in	9 in	20.25 in	20.875 in	71 in	9.2 ft³	62.5 lb
PAC1596002	Black	Fullsize	70.125 in	60.125 in	14.25 in	9 in	20.25 in	20.875 in	71 in	9.2 ft³	62.5 lb
PAC1598000	Bright	Fullsize	70.125 in	60.125 in	14.25 in	9 in	20.25 in	21 in	71.875 in	9.2 ft³	62.5 lb

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Tough gets the job done.
Smart gets the job done right.
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GEAR-LOCK™ ALUMINUM SINGLE LID DEEP SUPER-DUTY & FULLSIZE DEEP CROSSOVER

- Gear-Lock™ end-mounted push button locks ratchet lid tightly closed for superior security
- Self-aligning latch pins pivot from side to side and lock the lid into Gear-Lock™ latch for premium security
- High-strength body and full-width lock console resist cargo damage and protect the locking mechanism
- RSL™ laminated rigid structural lid bolster for superior strength
- Tough Armor-Brite® powder paint finish has superior rust resistance
- Self rising lids with dual gas spring lid lifts for easy access
- 4-compartment storage tray assists with organization
- Built in storage bins on both ends for convenient small item storage
- Wide top box flanges provide extra strength and durability



Cat. No.	Color	Size	A	B	C	D	E	F	G	Usable Cu. Ft.	App. Ship Wt.
1701000	Bright	Deep Super Duty & Fullsize Deep	71.125 in	58.75 in	18 in	12 in	20.25 in	21 in	72.125 in	11.9 ft³	77.0 lb

GEAR-LOCK™ PADDLE HANDLE SINGLE LID CROSSOVERS

- RSL™ laminated rigid structural lid bolster for superior strength
- Self aligning hoop lid strikers lock the lid down tight for improved security
- High-strength body design resists cargo damage and protects the locking mechanism
- Gear-Lock™ latches ratchet lid tightly closed for superior security
- Wide stainless steel paddle handles resist corrosion
- Self rising lids with dual gas spring lid lifts for easy access
- Small parts storage tray for organization
- Built in storage bins on both ends for convenient small item storage
- Wide top box flanges provide extra strength and durability
- Lid locks from drivers side but can be opened from either side of vehicle



Cat. No.	Color	Size	A	B	C	D	E	F	G	Usable Cu. Ft.	App. Ship Wt.
1-351000	Bright	Full Size Low Profile	69 in	59 in	14.25 in	12.125 in	20.25 in	21 in	70 in	9 ft³	56.0 lb
1-351002	Black	Full Size Low Profile	69 in	59 in	14.25 in	12.125 in	20.25 in	21 in	70 in	9 ft³	56.0 lb
1-232000	Bright	Full Size	69 in	59 in	14.25 in	9 in	20.25 in	21 in	70 in	9.2 ft³	50.5 lb
1-232002	Black	Full Size	69 in	59 in	14.25 in	9 in	20.25 in	21 in	70 in	9.2 ft³	50.5 lb
1-238000	Bright	Full Size Mid-Lid	69 in	59 in	14.25 in	9 in	20.25 in	21 in	70 in	9.2 ft³	52.5 lb

GEAR-LOCK™ PUSH BUTTON SINGLE LID STEEL CROSSOVERS

- Gear-Lock™ self adjusting dual rotary lock system always latches and closes for superior security
- Self-aligning latch pins pivot from side to side and lock the lid into Gear-Lock™ latch for premium security
- High-strength, self-rising lids will resist attempted break-ins better than other steel lids
- High-strength body design resists cargo damage and protects the locking mechanism
- End-mounted push buttons provide easy access
- Heavy-duty guards protect the gas springs and extend long term durability
- Built-in storage bins on both ends and 4-compartment sliding tray for small item storage
- Tough Armor-Brite® powder paint finish has superior rust resistance



Cat. No.	Color	Size	A	B	C	D	E	F	G	Usable Cu. Ft.	App. Ship Wt.
PSC1458000	White	Compact	60.125 in	50.125 in	11.25 in	6 in	20.25 in	20.875 in	61 in	6.1 ft³	77.0 lb
PSC1455000	White	Fullsize	70.125 in	60.125 in	14.25 in	9 in	20.25 in	20.875 in	71 in	9.2 ft³	94.0 lb
PSC1456000	White	Extra-Wide Deep	70.125 in	60.125 in	17.25 in	12 in	20.25 in	20.875 in	71 in	11.3 ft³	101.0 lb

GULL WING GEAR-LOCK™ PUSH BUTTON STEEL CROSSOVERS

- Gear-Lock™ self adjusting dual rotary lock system always latches and closes for superior security
- Self-aligning latch pins pivot from side to side and lock the lid into Gear-Lock™ latch for premium security
- High-strength, self-rising lids will resist attempted break-ins better than other steel lids
- High-strength body design resists cargo damage and protects the locking mechanism
- End-mounted push buttons provide easy access
- Heavy-duty guards protect the gas springs and extend long term durability
- Built-in storage bins on both ends and 4-compartment sliding tray for small item storage



Cat. No.	Color	Size	A	B	C	D	E	F	G	Usable Cu. Ft.	App. Ship Wt.
PSC1460000	White	Fullsize	70.125 in	60.125 in	14.25 in	9 in	20.25 in	20.875 in	71 in	9.2 ft³	85.0 lb
PSC1461000	White	Deep Fullsize	70.125 in	60.125 in	17.25 in	12 in	20.25 in	20.875 in	71 in	11.3 ft³	93.0 lb

RSL™ SINGLE LID PADDLE HANDLE ALUMINUM CROSSOVERS

- Lid reinforced with RSL™ rigid structural lid bolster for superior strength
- Adjustable lid strikers keep the lid locked down tight for improved security
- High-strength body design resists cargo damage and protects the locking mechanism
- Leak proof stainless steel paddle handles prevent moisture from entering
- Self rising lids with dual gas spring lid lifts for easy access
- Small parts storage tray for organization
- Built in storage bins on both ends for convenient small item storage
- Lid locks from drivers side but can be opened from either side of vehicle



Cat. No.	Color	Size	A	B	C	D	E	F	G	Usable Cu. Ft.	App. Ship Wt.
1-304000	Bright	Mid-Size	62.75 in	50.5 in	14.25 in	9 in	17 in	20.25 in	63.5 in	7.9 ft³	36.0 lb
1-304002	Black	Mid-Size	62.75 in	50.5 in	14.25 in	9 in	17 in	20.25 in	63.5 in	7.9 ft³	36.0 lb
1-300000	Bright	Fullsize	69.125 in	59.125 in	14.25 in	9 in	17 in	20.25 in	70 in	9.3 ft³	36.0 lb
1-300002	Black	Fullsize	69.125 in	59.125 in	14.25 in	9 in	17 in	20.25 in	70 in	9.3 ft³	36.0 lb
1-301000	Bright	Deep Fullsize	69.125 in	59.125 in	17.25 in	12 in	17 in	20.25 in	70 in	11 ft³	45.5 lb
1-301002	Black	Deep Fullsize	69.125 in	59.125 in	17.25 in	12 in	17 in	20.25 in	70 in	11 ft³	45.5 lb

LOW-PROFILE, RSL™ SINGLE LID PADDLE HANDLE ALUMINUM CROSSOVERS

- Lid reinforced with RSL™ rigid structural lid bolster for superior strength
- Adjustable lid strikers keep the lid locked down tight for improved security
- High-strength body design resists cargo damage and protects the locking mechanism
- Leak proof stainless steel paddle handles prevent moisture from entering
- Self rising lids with dual gas spring lid lifts for easy access
- Small parts storage tray for organization
- Built in storage bins on both ends for convenient small item storage
- Lid locks from drivers side but can be opened from either side of vehicle



Cat. No.	Color	Size	A	B	C	D	E	F	G	Usable Cu. Ft.	App. Ship Wt.
1-310000	Bright	Mid-Size	62.75 in	50.5 in	14.25 in	11.812 in	17 in	20.25 in	63.5 in	7 ft³	36.0 lb
1-302000	Bright	Fullsize	69.125 in	59.125 in	14.25 in	11.812 in	17 in	20.25 in	70 in	8.8 ft³	37.0 lb
1-302002	Black	Fullsize	69.125 in	59.125 in	14.25 in	11.812 in	17 in	20.25 in	70 in	8.8 ft³	37.0 lb

MID-LID RSL™ ALUMINUM CROSSOVERS

- Lid reinforced with RSL™ rigid structural lid bolster for superior strength
- Adjustable lid strikers keep the lid locked down tight for improved security
- High-strength body design resists cargo damage and protects the locking mechanism
- Leak proof stainless steel paddle handles prevent moisture from entering
- Self rising lids with dual gas spring lid lifts for easy access
- Small parts storage tray for organization
- Built in storage bins on both ends for convenient small item storage
- Lid locks from drivers side but can be opened from either side of vehicle



Cat. No.	Color	Size	A	B	C	D	E	F	G	Usable Cu. Ft.	App. Ship Wt.
1-306000	Bright	Fullsize	69.125 in	59.125 in	14.25 in	9 in	17 in	20.25 in	70 in	9.3 ft³	37.0 lb
1-306002	Black	Fullsize	69.125 in	59.125 in	14.25 in	9 in	17 in	20.25 in	70 in	9.3 ft³	37.0 lb

SLIMLINE SINGLE LID ALUMINUM CROSSOVERS

- Lid reinforced with RSL™ rigid structural lid bolster for superior strength
- Adjustable lid strikers keep the lid locked down tight for improved security
- High-strength body design resists cargo damage and protects the locking mechanism
- Leak proof stainless steel paddle handles prevent moisture from entering
- Self rising lids with dual gas spring lid lifts for easy access
- Small parts storage tray for organization
- Built in storage bins on both ends for convenient small item storage
- Lid locks from drivers side but can be opened from either side of vehicle



Cat. No.	Color	Size	A	B	C	D	E	F	G	Usable Cu. Ft.	App. Ship Wt.
1-311000	Bright	Fullsize	69.125 in	59-1/8 in	16 in	10.75 in	10.375 in	13.5 in	70 in	6.5 ft³	33.5 lb
1-311002	Black	Fullsize	69.125 in	59-1/8 in	16 in	10.75 in	10.375 in	13.5 in	70 in	6.5 ft³	33.5 lb

HYBRID SINGLE LID CROSSOVER

- Durable steel box construction with durable powdercoat finish and non-rusting aluminum treadplate lid
- High-strength body design resists cargo damage and protects locking mechanism
- Adjustable lid strikers keep the lid locked down tight for improved security
- Heavy-duty gas springs for easy access
- Leak proof stainless steel paddle handles prevent moisture from entering
- Weathertight seal forms from compressed foam gasket



Cat. No.	Color	Size	A	B	C	D	E	F	G	Usable Cu. Ft.	App. Ship Wt.
DHC1450000	Black	Fullsize	70.1875 in	60 in	13.72 in	11.07 in	20.0625 in	20.843 in	71.062 in	10.3 ft³	56 lb

CROSSOVER REPLACEMENT SHOCKS



Cat. No.	Description	Shock
1-304000	RSL™ Single Lid Paddle Handle Aluminum Crossover	10159-49
1-304002	RSL™ Single Lid Paddle Handle Aluminum Crossover	10159-49
1-300000	RSL™ Single Lid Paddle Handle Aluminum Crossover	10159-68
1-300002	RSL™ Single Lid Paddle Handle Aluminum Crossover	10159-68
1-301000	RSL™ Single Lid Paddle Handle Aluminum Crossover	10159-68
1-301002	RSL™ Single Lid Paddle Handle Aluminum Crossover	10159-68
1-306000	Mid-Lid RSL™ Aluminum Crossover	10159-70
1-306002	Mid-Lid RSL™ Aluminum Crossover	10159-70
1-310000	Low-Profile, RSL™ Single Lid Paddle Handle Aluminum Crossover	10159-49
1-310002	Low-Profile, RSL™ Single Lid Paddle Handle Aluminum Crossover	10159-49
1-302000	Low-Profile, RSL™ Single Lid Paddle Handle Aluminum Crossover	10159-68
1-302002	Low-Profile, RSL™ Single Lid Paddle Handle Aluminum Crossover	10159-68
1-311000	Slimline Single Lid Aluminum Crossover	10159-49
1-311002	Slimline Single Lid Aluminum Crossover	10159-49
1-351000	Gear-Lock™ Paddle Handle Single Lid Crossover	10159-68
1-351002	Gear-Lock™ Paddle Handle Single Lid Crossover	10159-68
1-232000	Gear-Lock™ Paddle Handle Single Lid Crossover	10159-68
1-232002	Gear-Lock™ Paddle Handle Single Lid Crossover	10159-68
1-238000	Gear-Lock™ Paddle Handle Single Lid Crossover	10159-70
1-238002	Gear-Lock™ Paddle Handle Single Lid Crossover	10159-70
DHC1450000	Hybrid Single Lid Crossover	10159-01
PAC1357000	Low-Profile Push Button Gear-Lock™ Single Lid Aluminum Crossover	10159-56
PAC1357002	Low-Profile Push Button Gear-Lock™ Single Lid Aluminum Crossover	10159-56
PAC1580000	Push-Button Premium Gear-Lock™ Single Lid Aluminum Crossover	10159-56
PAC1580002	Push-Button Premium Gear-Lock™ Single Lid Aluminum Crossover	10159-56

(Continued on next page)

CROSSOVER REPLACEMENT SHOCKS *[Continued from previous page]*

Cat. No.	Description	Shock
PAC1582000	Push-Button Premium Gear-Lock™ Single Lid Aluminum Crossover	10159-56
PAC1582002	Push-Button Premium Gear-Lock™ Single Lid Aluminum Crossover	10159-56
PAC1585000	Push-Button Premium Gear-Lock™ Single Lid Aluminum Crossover	10159-56
PAC1585002	Push-Button Premium Gear-Lock™ Single Lid Aluminum Crossover	10159-56
PAC1596000	Mid-Lid Gear-Lock™ Push Button Aluminum Crossover	10159-70
PAC1596002	Mid-Lid Gear-Lock™ Push Button Aluminum Crossover	10159-70
1701000	Limited Edition Premium Push Button Gear-Lock™ Truck Boxes	10159-23
PSC1460000	Gull Wing Gear-Lock™ Push Button Steel Crossover	10064
PSC1460002	Gull Wing Gear-Lock™ Push Button Steel Crossover	10064
PSC1458000	Gear-Lock™ Push Button Single Lid Steel Crossover	10159-55
PSC1458002	Gear-Lock™ Push Button Single Lid Steel Crossover	10159-55
PSC1455000	Gear-Lock™ Push Button Single Lid Steel Crossover	10159-24
PSC1455002	Gear-Lock™ Push Button Single Lid Steel Crossover	10159-24
PSC1456000	Gear-Lock™ Push Button Single Lid Steel Crossover	10159-24
PSC1456002	Gear-Lock™ Push Button Single Lid Steel Crossover	10159-24
PSC1457000	Gear-Lock™ Push Button Single Lid Steel Crossover	10159-26
PSC1457002	Gear-Lock™ Push Button Single Lid Steel Crossover	10159-26

ALUMINUM INNERSIDES

- Lid reinforced with bolster for superior strength
- Adjustable lid strikers keep the lid locked down tight for improved security
- High-strength body design resists cargo damage and protects the locking mechanism
- Leak proof stainless steel paddle handles prevent moisture from entering
- Self rising lids with gas spring lid lifts for easy access
- Includes mounting kit and supporting legs with hardware



Cat. No.	Color	Size	A	B	C	D	E	F	G	Usable Cu. Ft.	App. Ship Wt.
1-312000	Bright	49" Long Lid	47.75 in	11 in	5.375 in	12.25 in	8 in	48.625 in	13 in	2.7 ft³	24.5 lb
1-312002	Black	49" Long Lid	47.75 in	11 in	5.375 in	12.25 in	8 in	48.625 in	13 in	2.7 ft³	24.5 lb
1-313000	Bright	59" Long Lid	57.75 in	11 in	5.375 in	12.25 in	8 in	58.625 in	13 in	3.2 ft³	30.0 lb
1-313002	Black	59" Long Lid	57.75 in	11 in	5.375 in	12.25 in	8 in	58.625 in	13 in	3.2 ft³	30.0 lb

Tough gets the job done.
Smart gets the job done right.

GEAR-LOCK™ ALUMINUM INNERSIDES

- Gear-Lock™ self adjusting dual rotary lock system always latches and closes for superior security
- Self-aligning latch pins pivot from side to side and lock the lid into Gear-Lock™ latch for premium security
- High-strength RSL™ laminated 3-layer rigid structural lid is the strongest, most rigid aluminum lid we've tested
- Reinforced high-strength body and full-width lock console resists cargo damage and protects the lock system
- Heavy-duty guards protect the vertical-action gas spring lid lifts and help ensure long-term durability
- Built-in full-length storage compartment for small tools and parts
- Includes mounting kit and supporting legs with hardware



INNERSIDES

Cat. No.	Color	Size	A	B	C	D	E	F	G	Usable Cu. Ft.	App. Ship Wt.
PAN1441000	Bright	48 1/2" Long Lid	47.75 in	11 in	5.375 in	12.125 in	7.875 in	48.5 in	13 in	2.7 ft³	28.5 lb
PAN1441002	Black	48 1/2" Long Lid	47.75 in	11 in	5.375 in	12.125 in	7.875 in	48.5 in	13 in	2.7 ft³	28.5 lb
PAN1442000	Bright	58 1/2" Long Lid	57.75 in	11 in	5.375 in	12.125 in	7.875 in	58.5 in	13 in	3.2 ft³	32 lb
PAN1442002	Black	58 1/2" Long Lid	57.75 in	11 in	5.375 in	12.125 in	7.875 in	58.5 in	13 in	3.2 ft³	32 lb

GEAR-LOCK™ STEEL INNERSIDES

- Gear-Lock™ push button lock ratchets lid to box for superior security
- Self-aligning latch pins pivot from side to side and lock the lid into Gear-Lock™ latch for premium security
- High-strength body design resists cargo damage and protects locking mechanism
- Self rising lids with gas spring lid lifts for easy access
- Tough Armor-Brite® powder paint finish has superior rust resistance
- RSL™ laminated rigid structural lid bolster for superior strength
- Built-in front storage for convenient small item storage
- Includes mounting kit and supporting legs with hardware



Cat. No.	Color	Size	A	B	C	D	E	F	G	Usable Cu. Ft.	App. Ship Wt.
PSN1451000	White	47 1/2" Long Lid	47.75 in	11.125 in	5.375 in	12.25 in	8.25 in	47.5 in	12 in	2.6 ft³	48.5 lb
PSN1451002	Black	47 1/2" Long Lid	47.75 in	11.125 in	5.375 in	12.25 in	8.25 in	47.5 in	12 in	2.6 ft³	48.5 lb
PSN1452000	White	58 1/2" Long Lid	57.75 in	11.125 in	5.375 in	12.25 in	8.25 in	58.5 in	12 in	3.2 ft³	60.0 lb
PSN1452002	Black	58 1/2" Long Lid	57.75 in	11.125 in	5.375 in	12.25 in	8.25 in	58.5 in	12 in	3.2 ft³	60.0 lb

INNERSIDES REPLACEMENT SHOCKS



Item No.	Description	Shock
1-312000	Aluminum Innersides	10159-68
1-312002	Aluminum Innersides	10159-68
1-313000	Aluminum Innersides	10159-68
1-313002	Aluminum Innersides	10159-68
PAN1441000	Gear-Lock™ Aluminum Innersides	10159-68
PAN1441002	Gear-Lock™ Aluminum Innersides	10159-68
PAN1442000	Gear-Lock™ Aluminum Innersides	10159-68
PAN1442002	Gear-Lock™ Aluminum Innersides	10159-68
PSN1451000	47 1/2 in Long Lid	10159-15
PSN1451002	47 1/2 in Long Lid	10159-15
PSN1452000	58 1/2 in Long Lid	10159-15
PSN1452002	58 1/2 in Long Lid	10159-15

ALUMINUM TOPSIDES

- Reinforced rain gutter doors seal around topside opening to prevent leakage or moisture
- Heavy-duty hinges provide high strength security and longevity
- Stainless steel rotating t-handle pulls the door tight against the seal
- Quick release coated aircraft cables allow door to drop down 180 degrees for full accessibility
- Automotive bulb weather stripping seals door 360°
- Includes mounting kit and supporting legs with hardware



Cat. No.	Color	Size	A	B	C	D	E	Usable Cu. Ft.	App. Ship Wt.
570000	Bright	44" Long	44 in	15 in	17 in	40 in	12.75 in	5.7 ft³	32.0 lb
572000	Bright	72" Long	72 in	15 in	17 in	40 in	12.75 in	9.4 ft³	55.0 lb
572002D	Black	72" Long	72 in	15 in	17 in	40 in	12.75 in	9.4 ft³	55.0 lb
573000	Bright	88" Long	88 in	15 in	17 in	40 in	12.75 in	11.5 ft³	58.0 lb
573002	Black	88" Long	88 in	15 in	17 in	40 in	12.75 in	11.5 ft³	58.0 lb
574000D	Bright	96" Long	96 in	15 in	17 in	40 in	12.75 in	12.5 ft³	63.0 lb
574002D	Black	96" Long	96 in	15 in	17 in	40 in	12.75 in	12.5 ft³	63.0 lb

STEEL TOPSIDES

- Reinforced rain gutter doors seal around topside opening to prevent leakage or moisture
- Heavy-duty hinges provide high strength security and longevity
- Stainless steel rotating t-handle pulls the door tight against the seal
- Quick release coated aircraft cables allow door to drop down 180 degrees for full accessibility
- Automotive bulb weather stripping seals door 360°
- Includes mounting kit and supporting legs with hardware
- Tough Armor-Brite® powder paint finish has superior rust resistance



Cat. No.	Color	Size	A	B	C	D	E	Usable Cu. Ft.	App. Ship Wt.
577000	White	72" Long	72 in	15 in	17 in	40 in	12.75 in	9.4 ft³	118.0 lb
578000	White	88" Long	88 in	15 in	17 in	40 in	12.75 in	11.5 ft³	140.0 lb
579000	White	96" Long	96 in	15 in	17 in	40 in	12.75 in	12.5 ft³	146.0 lb

STEEL UNDERBED BOXES

- Industrial grade steel hinges and drop down door for easy loading and unloading and the high strength door cables create versatility and strength
- Bulb-shaped automotive weather stripping and extended rain gutter help keep out the weather
- Quick release keyway connectors allow the door to drop down when cables are detached
- Rugged, one-piece lock housing helps protect the lock components and provides extra strength to the door
- Rotating t-handle with a reinforced cam lock, three-point locking system and one-piece lock housing provide greater security



Cat. No.	Color	Length	Width	Height	Inside Length	Inside Width	Inside Height	Usable Cu. Ft.	App. Ship Wt.
7924160	White	24 in	16 in	14 in	24 in	15.875 in	13.875 in	3.06 ft³	55 lb
7924162	Black	24 in	16 in	14 in	24 in	15.875 in	13.875 in	3.06 ft³	55 lb
790980	White	24 in	18 in	18 in	24 in	16.75 in	17.875 in	4.16 ft³	68 lb
790982	Black	24 in	18 in	18 in	24 in	16.75 in	17.875 in	4.16 ft³	68 lb
7924240	White	24 in	24 in	24 in	24 in	24 in	23.875 in	7.96 ft³	94 lb
7924242	Black	24 in	24 in	24 in	24 in	24 in	23.875 in	7.96 ft³	94 lb
791980	White	30 in	18 in	18 in	30 in	16.75 in	17.875 in	5.20 ft³	80 lb
791982	Black	30 in	18 in	18 in	30 in	16.75 in	17.875 in	5.20 ft³	80 lb
7930240	White	30 in	24 in	24 in	30 in	24 in	23.875 in	9.95 ft³	110 lb
7930242	Black	30 in	24 in	24 in	30 in	24 in	23.875 in	9.95 ft³	110 lb
7936140	White	36 in	12 in	14 in	36 in	11.375 in	13.875 in	3.43 ft³	68 lb
7936142	Black	36 in	12 in	14 in	36 in	11.375 in	13.875 in	3.43 ft³	68 lb
7936160	White	36 in	16 in	14 in	36 in	13.85 in	13.85 in	4.0 ft³	76 lb
7936162	Black	36 in	16 in	14 in	36 in	13.85 in	13.85 in	4.0 ft³	76 lb
792980	White	36 in	18 in	18 in	36 in	16.75 in	17.875 in	6.24 ft³	92 lb
792982	Black	36 in	18 in	18 in	36 in	16.75 in	17.875 in	6.24 ft³	92 lb

(Continued on next page)

STEEL UNDERBED BOXES *(Continued from previous page)*

Cat. No.	Color	Length	Width	Height	Inside Length	Inside Width	Inside Height	Usable Cu. Ft.	App. Ship Wt.
7936240	White	36 in	24 in	24 in	36 in	24 in	23.875 in	11.94 ft³	126 lb
7936242	Black	36 in	24 in	24 in	36 in	24 in	23.875 in	11.94 ft³	126 lb
793980	White	48 in	18 in	18 in	48 in	16.75 in	17.875 in	8.32 ft³	117 lb
793982	Black	48 in	18 in	18 in	48 in	16.75 in	17.875 in	8.32 ft³	117 lb
7948240	White	48 in	24 in	24 in	48 in	24 in	23.875 in	15.92 ft³	158 lb
7948242	Black	48 in	24 in	24 in	48 in	24 in	23.875 in	15.92 ft³	158 lb
794980	White	60 in	18 in	18 in	60 in	16.75 in	17.875 in	10.40 ft³	142 lb
794982	Black	60 in	18 in	18 in	60 in	16.75 in	17.875 in	10.40 ft³	142 lb
7960240	White	60 in	24 in	24 in	60 in	22.82 in	23.85 in	18.90 ft³	190 lb
7960242	Black	60 in	24 in	24 in	60 in	22.82 in	23.85 in	18.90 ft³	190 lb
7972180	White	72 in	18 in	18 in	72 in	16.82 in	17.85 in	12.51 ft³	168 lb
7972182	Black	72 in	18 in	18 in	72 in	16.82 in	17.85 in	12.51 ft³	168 lb

MOUNTING BRACKETS

- Heavy-duty 2" C-channel brackets for mounting underbed boxes
- Brackets have multiple mounting holes for easy installation
- Sold in pairs



Cat. No.	Length	Width	Height	App. Ship Wt.
228000	18 in	2 in	18 in	15.0 lb
229000	24 in	2 in	24 in	33.5 lb

STEEL UNDERBED BOX REPLACEMENT CABLES



Item No.	Length	Width	Height	Cable
790980	24 in	18 in	18 in	10109-13
790982	24 in	18 in	18 in	10109-13
7924160	24 in	16 in	14 in	10159-13
7924162	24 in	16 in	14 in	10159-13
7924240	24 in	24 in	24 in	10109-15
7924242	24 in	24 in	24 in	10109-15
791980	30 in	18 in	18 in	10109-13
791982	30 in	18 in	18 in	10109-13
7930240	30 in	24 in	24 in	10109-15
7930242	30 in	24 in	24 in	10109-15

Tough gets the job done.
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Item No.	Length	Width	Height	Cable
792980	36 in	18 in	18 in	10109-13
792982	36 in	18 in	18 in	10109-13
7936140	36 in	12 in	14 in	10109-19
7936142	36 in	12 in	14 in	10109-19
7936160	36 in	16 in	14 in	10109-14
7936162	36 in	16 in	14 in	10109-14
7936240	36 in	24 in	24 in	10109-15
7936242	36 in	24 in	24 in	10109-15
793980	48 in	18 in	18 in	10109-13
793982	48 in	18 in	18 in	10109-13
7948240	48 in	24 in	24 in	10109-15
7948242	48 in	24 in	24 in	10109-15
794980	60 in	18 in	18 in	10109-13
794982	60 in	18 in	18 in	10109-13
7960240	60 in	24 in	24 in	10109-15
7960242	60 in	24 in	24 in	10109-15
7972180	72 in	18 in	18 in	10109-13
7972182	72 in	18 in	18 in	10109-13

GEAR-LOCK™ PADDLE HANDLE ALUMINUM CHESTS

- Gear-Lock™ paddle handle lock ratchets lid to box for superior security
- Self aligning hoop strikers pivot from side-to-side and lock the lid for premium security
- RSL™ laminated rigid structural lid bolster for superior strength
- Self rising lids with dual gas spring lid lifts for easy access
- Full weatherstripping helps seal out moisture and dust
- Wide top box flanges provide extra strength and durability
- Angled edges on front and side walls provide best fit, even when installed with a bed liner



Cat. No.	Color	Size	A	B	C	D	E	Usable Cu. Ft.	App. Ship Wt.
1-350000	Bright	Full Size Long	61 in	61.25 in	19.25 in	20.5 in	20 in	12 ft³	53.0 lb
1-350002	Black	Full Size Long	61 in	61.25 in	19.25 in	20.5 in	20 in	12 ft³	53.0 lb

ALUMINUM CHESTS

- Recessed hinge allows the lid to fully open when the back of the chest is placed against another object
- Rugged aluminum construction with reinforced lid for maximum strength and security
- Gas spring lid lifts allow easier access
- Leak proof stainless steel paddle handles prevent moisture from entering
- Full weatherstripping helps seal out moisture and dust
- Tapered lower front wall will fit better in trucks with all types of bed liners



Cat. No.	Color	Size	A	B	C	D	E	Usable Cu. Ft.	App. Ship Wt.
808000	Bright	36 in	36.75 in	36 in	15.5 in	17.25 in	17 in	5.1 ft³	25.5 lb
899260	Bright	46 in	46.5 in	46 in	16.5 in	18.75 in	17.75 in	7 ft³	44.0 lb
896260	Bright	58 in	59.5 in	58.5 in	17.875 in	18.75 in	17.75 in	9.8 ft³	47.5 lb
896262	Black	58 in	59.5 in	58.5 in	17.875 in	18.75 in	17.75 in	9.8 ft³	47.5 lb

HYBRID FULLSIZE PORTABLE CHEST

- Stylish tread plate aluminum lid with rigid steel base for support
- Removable and portable chest offers versatility where secure storage is needed
- Leak proof stainless steel paddle handles prevent moisture from entering
- Gas spring lid lifts automatically raise lid and allow for easier access
- Wide lifting handles are easy to grip and will support heavy loads
- Full weatherstripping helps seal out moisture and dust
- Rugged aluminum strikers will adjust horizontally to keep the lid locked down tight



Cat. No.	Color	Size	A	B	C	D	E	Usable Cu. Ft.	App. Ship Wt.
DYH1453002	Black	Fullsize	49 in	48 in	18 in	21 in	20 in	9.9 ft³	50 lb

—|—
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STEEL PORTABLE UTILITY CHESTS

- 18-gauge steel construction with fully welded seams and formed edges
- Lock down chest and remove easily with quick connect brackets
- Sliding tray provides convenient storage for hand tools and small parts
- Full weatherstripping helps seal out moisture and dust
- Tough Armor-Brite® powder paint finish has superior rust resistance



Cat. No.	Color	Size	A	B	C	D	E	Usable Cu. Ft.	App. Ship Wt.
810000	White	32 in	32.625 in	32 in	12.75 in	11.25 in	10.75 in	2.2 ft³	31.5 lb

STEEL HEAVY DUTY CHEST

- High strength beveled edge lid
- Sliding tray for small parts and tools
- Leak proof stainless steel paddle handles prevent moisture from entering
- Dual gas spring lid lifts for easy opening lid
- Bulb-shaped automotive weather stripping
- Channel reinforced front panel
- One-piece box body construction
- Recessed hinge



Cat. No.	Color	Size	A	B	C	D	E	Usable Cu. Ft.	App. Ship Wt.
817980	White	Fullsize Steel	59.125 in	58.5 in	19 in	20.5 in	20.25 in	10.2 ft³	129.0 lb

GEAR-LOCK™ ALUMINUM CHESTS

- Gear-Lock™ self adjusting dual rotary lock system always latches and closes for superior security
- Self-aligning latch pins pivot from side to side and lock the lid into Gear-Lock™ latch for premium security
- RSL™ laminated rigid structural lid bolster for superior strength
- High-strength body and full-width lock console resist cargo damage and protect the locking mechanism
- Self rising lids with dual gas spring lid lifts for easy access
- Leak proof stainless steel paddle handles prevent moisture from entering
- Universal fit design features a tapered bottom section on the ends and front wall



Cat. No.	Color	Size	A	B	C	D	E	Usable Cu. Ft.	App. Ship Wt.
PAH1420000	Bright	SWB Fullsize	61 in	60.125 in	19.375 in	20.625 in	18.75 in	12.1 ft³	53.0 lb
PAH1420002	Black	SWB Fullsize	61 in	60.125 in	19.375 in	20.625 in	18.75 in	12.1 ft³	53.0 lb
PAH1424000	Bright	Extra-Wide Fullsize	61 in	60.125 in	19.375 in	27.625 in	24.875 in	17 ft³	68.0 lb
PAH1424002	Black	Extra-Wide Fullsize	61 in	60.125 in	19.375 in	27.625 in	24.875 in	17 ft³	68.0 lb

ALUMINUM PORTABLE CHESTS

- Removable and portable aluminum chests offer versatility wherever secure storage is needed
- Wide lifting handles are easy to grip and will support heavy loads
- Rugged aluminum strikers will adjust vertically and horizontally to keep the lid locked down tight
- Leak proof stainless steel paddle handles prevent moisture from entering
- Full weatherstripping helps seal out moisture and dust
- Gas spring lid lifts automatically raise lid and allows for easier access



Cat. No.	Color	Size	A	B	C	D	E	Usable Cu. Ft.	App. Ship Wt.
220000D	Bright	37" Long	37 in	36 in	14.5 in	18 in	20 in	5.4 ft³	33.0 lb
221000D	Bright	49" Long	49 in	48 in	18 in	18 in	20 in	9.9 ft³	43.0 lb
222000D	Bright	57" Long	57 in	56 in	18 in	18 in	20 in	11.6 ft³	50.0 lb

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TRUCK CHEST REPLACEMENT SHOCKS



Item No.	Description	Shock
220000D	Aluminum Portable Chest	10159-56
221000D	Aluminum Portable Chest	10159-66
222000D	Aluminum Portable Chest	10159-56
808000	Aluminum Chest for Trucks	10159-31
896260	Aluminum Chest for Trucks	10159-70
896262	Aluminum Chest for Trucks	10159-70
1-350000	Gear-Lock™ Paddle Handle Aluminum Chest	10159-56
PAH1420000	Gear-Lock™ Aluminum Chest	10159-56
PAH1420002	Gear-Lock™ Aluminum Chest	10159-56
PAH1424000	Gear-Lock™ Aluminum Chest	10159-24
PAH1424002	Gear-Lock™ Aluminum Chest	10159-24
DYH1453002	Hybrid Full Size Portable Chest	10159-01
817980	Steel Heavy-Duty Chest	10159-70

CHESTS

ALUMINUM TRAILER TONGUE BOXES

- Trailer tongue box mounts easily against rail or trailer wall
- Rugged aluminum construction with reinforced lid for maximum strength and security
- Offset gas spring lid lift allows easier access from drivers side
- Leak proof stainless steel paddle handles prevent moisture from entering
- Full weatherstripping helps seal out moisture and dust
- Tough Armor-Brite® powder paint finish has superior rust resistance



Cat. No.	Color	Size	A	B	C	D	E	Usable Cu. Ft.	App. Ship Wt.
405000D	Bright	33 in	33 in	16 in	20 in	17.5 in	20.5 in	4.5 ft³	24.5 lb
410000D	Bright	48 in	48 in	18 in	25 in	21.5 in	20.5 in	7.1 ft³	33.5 lb

TRAILER TONGUE REPLACEMENT SHOCKS



Item No.	Description	Shock
405000D	Aluminum Trailer Tongue Box	10159-71
410000D	Aluminum Trailer Tongue Box	10159-31

26" LONG FLOOR MODEL WITH THREE DRAWERS

- Extruded heavy-duty drawer glides support up to 75 lbs per drawer
- Latches automatically lock the drawers when closed
- Pins prevent the drawers from rolling off the glides
- Moveable dividers to create different size bins
- Heavy-gauge aluminum is light enough for easy mobility and durable enough to stand up to heavy loads on top of and inside drawers



Cat. No.	Length	Width	Height	Drawer Compartments	Number of Dividers	Usable Cu. Ft.	App. Ship Wt.
1405980	26 in	36 in	6 in	3	2	3.6 ft³	51.0 lb

26" LONG STACKED MODEL WITH SIX DRAWERS



Cat. No.	Length	Width	Height	Drawer Compartments	Number of Dividers	Usable Cu. Ft.	App. Ship Wt.
1406980	26 in	36 in	12 in	6	2	7 ft³	81.0 lb

50" LONG FLOOR MODELS



Cat. No.	Length	Width	Height	Drawer Compartments	Number of Dividers	Usable Cu. Ft.	App. Ship Wt.
1401980	50 in	12 in	6 in	1	5	2.5 ft³	31.0 lb
1402980	50 in	24 in	6 in	2	5	5.1 ft³	61.0 lb
1403980	50 in	36 in	6 in	3	5	7.6 ft³	89.0 lb
1404980	50 in	48 in	6 in	4	5	10.1 ft³	119.0 lb

Tough gets the job done.
Smart gets the job done right.

50" LONG STACKED MODELS



DRAWER STORAGE

Cat. No.	Length	Width	Height	Drawer Compartments	Number of Dividers	Usable Cu. Ft.	App. Ship Wt.
1407980	50 in	12 in	12 in	2	5	5.1 ft³	59.0 lb
1408980	50 in	12 in	18 in	3	5	7.6 ft³	85.0 lb
1409980	50 in	12 in	24 in	4	5	10.1 ft³	114.0 lb

PLASTIC DRAWER DIVIDER

- For use with Crescent aluminum drawer storage products
- Moveable divider to create different size bins
- Can be used with the following Crescent Items: 1401980 through 1409980
- Customize storage with the addition of this divider
- Durable divider
- Sold as singles



Cat. No.	Length	Width	Height	Number of Dividers	App. Ship Wt.
1410980	0.125 in	11.5 in	4.5 in	1	0.2 lb

9" TALL DRAWER UNITS

- 14-gauge steel StorAll® drawer storage is designed to provide extreme durability and safety with unprecedented versatility
- Perfect for work trucks, trailers, and vans, StorAll® provides up to 50% more drawer weight capacity and up to 20% more storage capacity than competitors
- Drawers are customizable with adjustable front-to-rear dividers and bin dividers
- Grip-and-Release™ system allows safe opening and closing of heavy drawers on sloped surfaces
- Cabinet top and bottom reinforced with 12-gauge steel channels
- Built-in rain gutter channel, anti-skid strips, full bulb-shaped automotive weather stripping and 16-gauge galvanized movable bin dividers all benefit the user
- Steel plunger engages internal drawer stops, drawers have 650 lb. load rating and steel bearing tractors with 1,000 lb. rated bearings make for smooth drawer operation
- Recessed drawer fronts protect the handles from damage



Cat. No.	Color	Length	Width	Height	Drawer Compartments	Number of Dividers	Usable Cu. Ft.	App. Ship Wt.
661980	White	48 in	12 in	9 in	1	7	1 ft³	115.0 lb
661982	Black	48 in	12 in	9 in	1	7	1 ft³	115.0 lb

(Continued on next page)

9" TALL DRAWER UNITS *[Continued from previous page]*

Cat. No.	Color	Length	Width	Height	Drawer Compartments	Number of Dividers	Usable Cu. Ft.	App. Ship Wt.
662980	White	48 in	24 in	9 in	2	13	2.3 ft³	180.0 lb
662982	Black	48 in	24 in	9 in	2	13	2.3 ft³	180.0 lb
663980	White	48 in	36 in	9 in	3	19	3.6 ft³	222.0 lb
663982	Black	48 in	36 in	9 in	3	19	3.6 ft³	222.0 lb
664980	White	48 in	48 in	9 in	4	24	5 ft³	255.0 lb
664982	Black	48 in	48 in	9 in	4	24	5 ft³	255.0 lb

13" TALL DRAWER UNITS



Cat. No.	Color	Length	Width	Height	Drawer Compartments	Number of Dividers	Usable Cu. Ft.	App. Ship Wt.
665980	White	48 in	12 in	13 in	1	7	1.8 ft³	155.0 lb
665982	Black	48 in	12 in	13 in	1	7	1.8 ft³	155.0 lb
666980	White	48 in	24 in	13 in	2	13	4.2 ft³	245.0 lb
666982	Black	48 in	24 in	13 in	2	13	4.2 ft³	245.0 lb
667980	White	48 in	36 in	13 in	3	19	6.6 ft³	305.0 lb
667982	Black	48 in	36 in	13 in	3	19	6.6 ft³	305.0 lb
668980	White	48 in	48 in	13 in	4	24	9 ft³	380.0 lb
668982	Black	48 in	48 in	13 in	4	24	9 ft³	380.0 lb

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Tough gets the job done.
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ALUMINUM LIQUID TRANSFER TANKS

- Two full center baffles add extra strength and control the flow of the contents when moving
- 2" NPT reinforced bungs allow mounting a pump on either side of tank
- Four high strength brackets for securing the tank to the bed
- Lockable filler cap and coupler
- Heavy-duty 0.125" tread plate aluminum



Cat. No.	Color	Shape	Safe Fill (US)	Max Fill (US)	Capacity (US)	A	B	C	D	E	App. Ship Wt.
439000	Bright	Square	47 gal (US)	52 gal (US)	50 gal (US)	23.25 in	23.25 in	23.25 in	N/A	N/A	64.0 lb
438000	Bright	Rectangular	91 gal (US)	102 gal (US)	100 gal (US)	45.25 in	23.25 in	23.25 in	N/A	N/A	94.0 lb
437000	Bright	L-Shaped	99 gal (US)	104 gal (US)	100 gal (US)	57.5 in	25 in	31 in	9 in	10 in	112.0 lb

TRANSFER TANKS

FUEL-N-TOOL COMBO ALUMINUM TRANSFER TANK

- Offers the convenience of a L-shaped transfer tank and a removable chest
- Two full center baffles add extra strength and control the flow of the contents when moving
- 2" NPT reinforced bungs allow mounting a pump on either side of the tank
- Four high strength brackets for securing the tank to the bed
- Leak proof stainless steel paddle handles prevent moisture and dirt from entering
- Chest provides 4.5 cubic feet of high-strength storage for tools and accessories
- RSLTM rigid structural lid, heavy-duty adjustable lid strikers, and high-strength body resist break-ins
- Self-rising lid has two heavy-duty gas spring lid lifts



Cat. No.	Color	Shape	Safe Fill (US)	Max Fill (US)	Capacity (US)	A	B	C	D	E	App. Ship Wt.
433000	Bright	L-Shaped	72 gal (US)	77 gal (US)	74 gal (US)	48.25 in	19 in	31 in	9 in	10.75 in	129.0 lb

STEEL TRANSFER TANKS

- Tanks have internal baffles for extra strength and to control the flow of contents when moving
- 2" NPT reinforced bungs allow mounting a pump on either side of the tank
- Built-in lifting rings to assist with lifting and moving an empty tank
- Lockable filler cap and coupler prevent excessive pressure build up
- Heavy-duty brackets to secure the tank to the truck bed
- Safety fill capacity allows space for the contents to expand in warm weather
- Drain plug allows for safe drainage of combustible liquids



Cat. No.	Color	Shape	Safe Fill (US)	Max Fill (US)	Capacity (US)	A	B	C	D	E	App. Ship Wt.
486000	White	Vertical	36 gal (US)	42 gal (US)	36 gal (US)	54 in	19 in	9 in	N/A	N/A	97.0 lb

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STEEL TRANSFER TANKS *[Continued from previous page]*

Cat. No.	Color	Shape	Safe Fill (US)	Max Fill (US)	Capacity (US)	A	B	C	D	E	App. Ship Wt.
485000	White	Square	50 gal (US)	55 gal (US)	50 gal (US)	23.25 in	24 in	23.25 in	N/A	N/A	85.5 lb
484000	White	Rectangle	96 gal (US)	107 gal (US)	100 gal (US)	45.63 in	24 in	23.25 in	N/A	N/A	145.0 lb
484002	Black	Rectangle	96 gal (US)	107 gal (US)	100 gal (US)	45.63 in	24 in	23.25 in	N/A	N/A	145.0 lb
488000	White	Low Profile L-Shaped	76 gal (US)	82 gal (US)	85 gal (US)	46 in	26 in	31 in	6.5 in	11 in	155.0 lb
488002	Black	Low Profile L-Shaped	76 gal (US)	82 gal (US)	85 gal (US)	46 in	26 in	31 in	6.5 in	11 in	155.0 lb
482000	White	L-Shaped	51 gal (US)	54 gal (US)	48 gal (US)	27 in	26 in	31 in	9 in	11 in	106.0 lb
487000	White	L-Shaped	88 gal (US)	92 gal (US)	88 gal (US)	54 in	25 in	31 in	6.5 in	11 in	186.0 lb
480000	White	L-Shaped	103 gal (US)	109 gal (US)	100 gal (US)	54 in	26 in	31 in	9 in	11 in	200.0 lb
480002	Black	L-Shaped	103 gal (US)	109 gal (US)	100 gal (US)	54 in	26 in	31 in	9 in	11 in	200.0 lb

STEEL TRANSFER TANKS FOR 4-DOOR TRUCKS

- Built-in lifting rings to assist with lifting and moving an empty tank
- Lockable filler cap and coupler prevent excessive pressure build up
- Heavy-duty brackets to secure the tank to the truck bed
- Safety fill capacity allows space for the contents to expand in warm weather
- 2" NPT reinforced bungs allow mounting a pump on either side of the tank
- Drain plug allows for safe drainage of combustible liquids



Cat. No.	Color	Shape	Safe Fill (US)	Max Fill (US)	Capacity (US)	A	B	C	D	E	App. Ship Wt.
498000	White	L-Shaped	98 gal (US)	106 gal (US)	100 gal (US)	60.25 in	25 in	33 in	7.5 in	48.25 in	175.0 lb
498002	Black	L-Shaped	98 gal (US)	106 gal (US)	100 gal (US)	60.25 in	25 in	33 in	7.5 in	48.25 in	175.0 lb

TRANSFER TANK REPLACEMENT SHOCKS



Item No.	Description	Fuel Cap	Shock
433000	Fuel-N-Tool Combo Aluminum Transfer Tank	DP3400	10159-66

TRADESMAN CLOSED TOP TOOL BAGS

- Professional grade closed top bag is ideal for everyday use in rugged conditions
- 3 exterior pockets and a 29-pocket interior tool wall provide additional organization
- Hard polypropylene base resists moisture and withstands impacts, delivering lasting durability
- Bright orange interior helps you find your tools faster in darker environments
- Made with 1680D polyester and metal hardware to hold up on the toughest jobsite
- Interior and exterior PALS-style loops provide quick, easy access to your frequently used tools
- Inner sleeves are open at the bottom so small items won't get lost deep in narrow pockets
- Adjustable, padded shoulder strap and padded nonslip bar handle make carrying the bag more comfortable
- Includes a water bottle holder and a tape measure clip for added convenience
- Top-quality YKK zipper comes with a 3-year warranty and an oversized pull for added convenience



Cat. No.	Color	Depth	Height	Product Weight
CTB1450N	Rawhide, Black & Gray	14 in	14.5 in	5.220 lb
CTB1750N	Rawhide, Black & Gray	17 in	16.7 in	6.550 lb

TRADESMAN OPEN TOP TOOL BAGS

- Professional grade open top bag is ideal for everyday use in rugged conditions
- 17 interior and 8 exterior pockets line the bag, so you can keep your equipment in order
- Hard polypropylene base resists moisture and withstands impacts, delivering lasting durability
- Bright orange interior helps you find your tools faster in darker environments
- Tape measure clip for added convenience
- Made with 1680D polyester and metal hardware to hold up on the toughest jobsite
- Center metal handle meets durability standards and provides comfort while carrying the bag from job to job
- Adjustable, padded shoulder strap and padded nonslip bar handle make carrying the bag more comfortable
- Top-quality YKK zipper comes with a 3-year warranty and an oversized pull for added convenience



Cat. No.	Color	Depth	Height	Product Weight
CTB1410N	Rawhide, Black & Gray	14 in	14.5 in	5.510 lb
CTB1710N	Rawhide, Black & Gray	17 in	16 in	7.050 lb

20" CONTRACTOR TOOL BAG

- Professional grade contractor bulk bag is perfect for everyday use in rugged conditions
- 12 exterior and 19 interior pockets provide a variety of storage and organization options for materials, tools and small parts
- Hard polypropylene base resists moisture and withstands impacts, delivering lasting durability
- Bright orange interior helps you find your tools faster in darker environments
- Made with 1680D polyester and metal hardware to hold up on the toughest jobsite
- 13 PALS-style loops on the outside of the bag provide quick, easy access to your frequently used tools
- Two padded handles make carrying the bag more comfortable and distribute the bag's weight for added durability
- Padded shoulder strap provides convenient, hands-free transportation
- Top-quality YKK zipper comes with a 3-year warranty and an oversized pull for added convenience



Cat. No.	Color	Depth	Height	Product Weight
CTB2010N	Rawhide, Black & Gray	20 in	13 in	4.870 lb

TRADESMAN BACKPACK

- Professional grade backpack is ideal for everyday use, with an adjustable front pocket to hold large items like electrical cords
- 4 exterior pockets and 34 interior pockets for all parts as well as exterior pockets for the frequently used tools
- Hard polypropylene base resists moisture and withstands impacts, delivering lasting durability
- Bright orange interior helps you find your tools faster in darker environments
- Made with 1680D polyester and metal hardware to hold up on the toughest jobsite
- Inner sleeves are open at the bottom so small items won't get lost in narrow pockets
- Specialized magnetic pocket stores items for quick access
- Ergonomic handle is easy to grab and provides a comfortable, nonslip grip
- Includes a water bottle holder and a tape measure clip for added convenience
- Top-quality YKK zipper comes with a 3-year warranty and an oversized pull for added convenience



Cat. No.	Color	Depth	Height	Product Weight
CTB1000N	Rawhide, Black & Gray	14 in	18 in	8.000 lb

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Smart gets the job done right.
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TRADESMAN ROLLING TOOL BAG

- Professional grade rolling bag is ideal for everyday use in rugged conditions
- 200-lb lid capacity allows you to carry all your tool bags together
- 2-way magnetic lid
- Bright orange interior helps you find your tools faster in darker environments
- 1680 denier ballistic weave material for rugged durability
- Ergonomically designed top handle and telescoping pull handle for comfort and easy mobility
- 35 total pockets for ultimate tool storage capability
- 6 interior and 7 exterior pockets line the bag, so you can keep your equipment in order
- 12 interior and 11 exterior PALS-style loops provide quick, easy access to your frequently used tools



Cat. No.	Color	Height	Product Weight
CTBR1850N	Rawhide, Black & Gray	18 in	15.590 lb

REMOVABLE TRAYS

- Built-in handles
- Convenient for hand tools and small parts
- Hemmed edges add strength and eliminate sharp edges
- Powder paint



Cat. No.	Length	Width	Height	Works With	Product Weight
626990	22.187 in	8 in	4 in	2-654990 2-655990 2-658990	8.000 lb
627990	28.187 in	8 in	4 in	2-656990	10.000 lb
628990	18.187 in	8 in	4 in	2-652990 2-653990	7.000 lb
620990	21.875 in	8 in	4 in	635990	6.000 lb

TOUCH UP PAINT

- Crescent JOBOX on site storage touch up paint
- Available in 12 oz cans
- Color is Crescent JOBOX red/rust



Cat. No.	Description	Product Weight
82936	Brown/Rust Touch Up Paint	1.100 lb

OPTIONAL CASTERS

- Heavy-duty wheels never puncture or go flat
- All purpose rubber tread for grip on many surfaces
- 3" x 3" hole patterns
- 6 in load rating: 3600 lb 4 in load rating 2800 lb
- 1-320990: Set of 4 casters comes with two fixed and two swivel casters
- 1-321990: Set of 4 fixed casters comes with two fixed and two plain swivel brakes
- 1-320993: Set of 4 casters comes with two fixed and two swivel casters with brakes



Cat. No.	Load Rating	Description	Length	Width	Height	Product Weight
1-320990	2800 lb	4" Casters Set of 4 - 2 Fixed & 2 Swivel	4.5 in	4.0 in	5.5 in	15.00 lb
1-321990	3600 lb	6" Casters Set of 4 - 2 Fixed & 2 Plain Swivel with Brakes	4.5 in	4.0 in	7.5 in	19.00 lb
1-320993	3600 lb	6" Casters Set of 4 - 2 Fixed & 2 Swivel with Brakes	4.5 in	4.0 in	7.5 in	18.00 lb



MECHANICS HAND TOOLS

MULTI-DRIVE

1/4" DRIVE

3/8" DRIVE

1/2" DRIVE

3/4" DRIVE

IMPACT

WRENCHES

TORQUE WRENCHES

229 PC.

1/4", 3/8" & 1/2" MECHANICS HAND TOOL SET WITH 3 DRAWER STORAGE CASE

- Contains a carefully selected assortment of hand tools needed for most industrial, mechanical and consumer applications
- Full polish chrome sockets with stamped size markings for easy socket identification
- A full range of sockets cover the most common SAE & Metric sizes in shallow and deep depths
- Includes 12pt full polish chrome combination wrenches covering the most common SAE & Metric sizes
- 72 tooth quick release ratchets turns fasteners with a 5° swing arc
- Co-molded bit driver with ergonomic grip handle for improved performance
- Precision engineered bits coming in the most common fasteners types: Hex, Torx, Phillips, Pozidriv, Slotted, Square, Tamper-Proof Torx
- Set packed in a durable 3 drawer blow molded case
- Meets or exceeds ANSI and ASME specifications



MULTI-DRIVE

Cat. No.

CTK229C



Cat. No.	Description	Cat. No.	Description
-	1/4" Drive 72 Tooth Quick Release Ratchet	-	1/4" Drive 6 Point Standard Metric Socket 11mm
-	3/8" Drive 72 Tooth Quick Release Ratchet	-	1/4" Drive 6 Point Standard Metric Socket 12mm
-	1/2" Drive 72 Tooth Quick Release Ratchet	-	1/4" Drive 6 Point Standard Metric Socket 13mm
-	1/4" Drive Extension 3"	-	1/4" Drive 6 Point Deep SAE Socket 5/32"
-	3/8" Drive Extension 6"	-	1/4" Drive 6 Point Deep SAE Socket 3/16"
-	1/2" Drive Extension 5"	-	1/4" Drive 6 Point Deep SAE Socket 7/32"
-	3/8" Drive 3/8" F x 1/4" M Adapter	-	1/4" Drive 6 Point Deep SAE Socket 1/4"
-	1/4" Drive 6 Point Standard SAE Socket 5/32"	-	1/4" Drive 6 Point Deep SAE Socket 9/32"
-	1/4" Drive 6 Point Standard SAE Socket 3/16"	-	1/4" Drive 6 Point Deep SAE Socket 5/16"
-	1/4" Drive 6 Point Standard SAE Socket 7/32"	-	1/4" Drive 6 Point Deep SAE Socket 11/32"
-	1/4" Drive 6 Point Standard SAE Socket 1/4"	-	1/4" Drive 6 Point Deep SAE Socket 3/8"
-	1/4" Drive 6 Point Standard SAE Socket 9/32"	-	1/4" Drive 6 Point Deep SAE Socket 7/16"
-	1/4" Drive 6 Point Standard SAE Socket 5/16"	-	1/4" Drive 6 Point Deep SAE Socket 1/2"
-	1/4" Drive 6 Point Standard SAE Socket 11/32"	-	1/4" Drive 6 Point Deep Metric Socket 4mm
-	1/4" Drive 6 Point Standard SAE Socket 3/8"	-	1/4" Drive 6 Point Deep Metric Socket 5mm
-	1/4" Drive 6 Point Standard SAE Socket 7/16"	-	1/4" Drive 6 Point Deep Metric Socket 5.5mm
-	1/4" Drive 6 Point Standard SAE Socket 1/2"	-	1/4" Drive 6 Point Deep Metric Socket 6mm
-	1/4" Drive 6 Point Standard SAE Socket 9/16"	-	1/4" Drive 6 Point Deep Metric Socket 7mm
-	1/4" Drive 6 Point Standard Metric Socket 4mm	-	1/4" Drive 6 Point Deep Metric Socket 8mm
-	1/4" Drive 6 Point Standard Metric Socket 5mm	-	1/4" Drive 6 Point Deep Metric Socket 9mm
-	1/4" Drive 6 Point Standard Metric Socket 5.5mm	-	1/4" Drive 6 Point Deep Metric Socket 10mm
-	1/4" Drive 6 Point Standard Metric Socket 6mm	-	1/4" Drive 6 Point Deep Metric Socket 11mm
-	1/4" Drive 6 Point Standard Metric Socket 7mm	-	1/4" Drive 6 Point Deep Metric Socket 12mm
-	1/4" Drive 6 Point Standard Metric Socket 8mm	-	1/4" Drive 6 Point Deep Metric Socket 13mm
-	1/4" Drive 6 Point Standard Metric Socket 9mm	-	1/4" Drive 6 Point Deep Metric Socket 14mm
-	1/4" Drive 6 Point Standard Metric Socket 10mm	-	1/4" Drive Bit Holder Socket

Cat. No.	Description	Cat. No.	Description
-	3/8" Drive 6 Point Deep SAE Socket 3/8"	-	3/8" Drive 12 Point Standard Metric Socket 20mm
-	3/8" Drive 6 Point Deep SAE Socket 7/16"	-	3/8" Drive 12 Point Standard Metric Socket 22mm
-	3/8" Drive 6 Point Deep SAE Socket 9/16"	-	1/2" Drive 12 Point Standard SAE Socket 1/2"
-	3/8" Drive 6 Point Deep SAE Socket 1/2"	-	1/2" Drive 12 Point Standard SAE Socket 9/16"
-	3/8" Drive 6 Point Deep SAE Socket 5/8"	-	1/2" Drive 12 Point Standard SAE Socket 5/8"
-	3/8" Drive 6 Point Deep SAE Socket 11/16"	-	1/2" Drive 12 Point Standard SAE Socket 11/16"
-	3/8" Drive 6 Point Deep SAE Socket 3/4"	-	1/2" Drive 12 Point Standard SAE Socket 3/4"
-	3/8" Drive 6 Point Deep SAE Socket 13/16"	-	1/2" Drive 12 Point Standard SAE Socket 7/8"
-	3/8" Drive 6 Point Deep SAE Socket 7/8"	-	1/2" Drive 12 Point Standard SAE Socket 1"
-	3/8" Drive 6 Point Deep Metric Socket 10mm	-	1/2" Drive 12 Point Standard Metric Socket 12mm
-	3/8" Drive 6 Point Deep Metric Socket 12mm	-	1/2" Drive 12 Point Standard Metric Socket 13mm
-	3/8" Drive 6 Point Deep Metric Socket 13mm	-	1/2" Drive 12 Point Standard Metric Socket 14mm
-	3/8" Drive 6 Point Deep Metric Socket 14mm	-	1/2" Drive 12 Point Standard Metric Socket 15mm
-	3/8" Drive 6 Point Deep Metric Socket 15mm	-	1/2" Drive 12 Point Standard Metric Socket 17mm
-	3/8" Drive 6 Point Deep Metric Socket 16mm	-	1/2" Drive 12 Point Standard Metric Socket 18mm
-	3/8" Drive 6 Point Deep Metric Socket 17mm	-	1/2" Drive 12 Point Standard Metric Socket 19mm
-	3/8" Drive 6 Point Deep Metric Socket 18mm	-	1/2" Drive 12 Point Standard Metric Socket 21mm
-	3/8" Drive 6 Point Deep Metric Socket 19mm	-	1/2" Drive 12 Point Standard Metric Socket 22mm
-	3/8" Drive 12 Point Standard SAE Socket 3/16"	-	5/16" 12 Point Combination Wrench
-	3/8" Drive 12 Point Standard SAE Socket 1/4"	-	3/8" 12 Point Combination Wrench
-	3/8" Drive 12 Point Standard SAE Socket 5/16"	-	7/16" 12 Point Combination Wrench
-	3/8" Drive 12 Point Standard SAE Socket 3/8"	-	1/2" 12 Point Combination Wrench
-	3/8" Drive 12 Point Standard SAE Socket 7/16"	-	9/16" 12 Point Combination Wrench
-	3/8" Drive 12 Point Standard SAE Socket 1/2"	-	5/8" 12 Point Combination Wrench
-	3/8" Drive 12 Point Standard SAE Socket 9/16"	-	8mm 12 Point Combination Wrench
-	3/8" Drive 12 Point Standard SAE Socket 5/8"	-	10mm 12 Point Combination Wrench
-	3/8" Drive 12 Point Standard SAE Socket 11/16"	-	12mm 12 Point Combination Wrench
-	3/8" Drive 12 Point Standard SAE Socket 3/4"	-	13mm 12 Point Combination Wrench
-	3/8" Drive 12 Point Standard SAE Socket 13/16"	-	14mm 12 Point Combination Wrench
-	3/8" Drive 12 Point Standard SAE Socket 7/8"	-	15mm 12 Point Combination Wrench
-	3/8" Drive 12 Point Standard Metric Socket 6mm	-	1/16" Short Arm Hex Key
-	3/8" Drive 12 Point Standard Metric Socket 7mm	-	5/64" Short Arm Hex Key
-	3/8" Drive 12 Point Standard Metric Socket 8mm	-	3/32" Short Arm Hex Key
-	3/8" Drive 12 Point Standard Metric Socket 9mm	-	1/8" Short Arm Hex Key
-	3/8" Drive 12 Point Standard Metric Socket 10mm	-	5/32" Short Arm Hex Key
-	3/8" Drive 12 Point Standard Metric Socket 11mm	-	3/16" Short Arm Hex Key
-	3/8" Drive 12 Point Standard Metric Socket 12mm	-	7/32" Short Arm Hex Key
-	3/8" Drive 12 Point Standard Metric Socket 13mm	-	1/4" Short Arm Hex Key
-	3/8" Drive 12 Point Standard Metric Socket 14mm	-	1.5mm Short Arm Hex Key
-	3/8" Drive 12 Point Standard Metric Socket 15mm	-	2mm Short Arm Hex Key
-	3/8" Drive 12 Point Standard Metric Socket 16mm	-	2.5mm Short Arm Hex Key
-	3/8" Drive 12 Point Standard Metric Socket 17mm	-	3mm Short Arm Hex Key
-	3/8" Drive 12 Point Standard Metric Socket 18mm	-	4mm Short Arm Hex Key
-	3/8" Drive 12 Point Standard Metric Socket 19mm	-	5mm Short Arm Hex Key

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229 PC. 1/4", 3/8", 1/2" MECHANICS HAND TOOL SET *(Continued from previous page)*

MULTI-DRIVE

Cat. No.	Description	Cat. No.	Description
-	5.5mm Short Arm Hex Key	-	#0 Phillips® Insert Bit
-	6mm Short Arm Hex Key	-	#0 Pozidriv® Insert Bit
-	1/16 in Long Arm Hex Key	-	#1 Pozidriv® Insert Bit
-	5/64 in Long Arm Hex Key	-	#2 Pozidriv® Insert Bit
-	3/32 in Long Arm Hex Key	-	#3 Pozidriv® Insert Bit
-	1/8 in Long Arm Hex Key	-	3/32" Slotted Insert Bit
-	5/32 in Long Arm Hex Key	-	1/8" Slotted Insert Bit
-	3/16 in Long Arm Hex Key	-	3/16" Slotted Insert Bit
-	7/32 in Long Arm Hex Key	-	5/32" Slotted Insert Bit
-	1/4 in Long Arm Hex Key	-	7/32" Slotted Insert Bit
-	1.5mm Long Arm Hex Key	-	1/4" Slotted Insert Bit
-	2mm Long Arm Hex Key	-	5/16" Slotted Insert Bit
-	2.5mm Long Arm Hex Key	-	3mm Slotted Insert Bit
-	3mm Long Arm Hex Key	-	4mm Slotted Insert Bit
-	4mm Long Arm Hex Key	-	5mm Slotted Insert Bit
-	5mm Long Arm Hex Key	-	6mm Slotted Insert Bit
-	5.5mm Long Arm Hex Key	-	7mm Slotted Insert Bit
-	6mm Long Arm Hex Key	-	#0 Square Insert Bit
-	Magnetic Bit Driver	-	#1 Square Insert Bit
-	1/8" Hex Insert Bit	-	#2 Square Insert Bit
-	5/32" Hex Insert Bit	-	#3 Square Insert Bit
-	3/16" Hex Insert Bit	-	#4 Square Insert Bit
-	7/32" Hex Insert Bit	-	T5 Torx® Bit
-	1/4" Hex Insert Bit	-	T7 Torx® Bit
-	3mm Hex Insert Bit	-	T8 Torx® Bit
-	4mm Hex Insert Bit	-	T10 Torx® Bit
-	5mm Hex Insert Bit	-	T15 Torx® Bit
-	6mm Hex Insert Bit	-	T20 Torx® Bit
-	7mm Hex Insert Bit	-	T30 Torx® Bit
-	1/4" Drive Nut Driver Bit 3/16"	-	T40 Torx® Bit
-	1/4" Drive Nut Driver Bit 7/32"	-	T5 Tamper Proof Torx® Insert Bit
-	1/4" Drive Nut Driver Bit 1/4"	-	T7 Tamper Proof Torx® Insert Bit
-	1/4" Drive Nut Driver Bit 11/32"	-	T8 Tamper Proof Torx® Insert Bit
-	1/4" Drive Nut Driver Bit 3/8"	-	T10 Tamper Proof Torx® Insert Bit
-	1/4" Drive Nut Driver Bit 7/16"	-	T15 Tamper Proof Torx® Insert Bit
-	1/4" Drive Nut Driver Bit 1/2"	-	T20 Tamper Proof Torx® Insert Bit
-	1/4" Drive Nut Driver Bit 6mm	-	T25 Tamper Proof Torx® Insert Bit
-	1/4" Drive Nut Driver Bit 7mm	-	T27 Tamper Proof Torx® Insert Bit
-	1/4" Drive Nut Driver Bit 8mm	-	T30 Tamper Proof Torx® Insert Bit
-	1/4" Drive Nut Driver Bit 9mm	-	T40 Tamper Proof Torx® Insert Bit
-	1/4" Drive Nut Driver Bit 10mm	-	3/8" Drive Spark Plug Socket 5/8"
-	1/4" Drive Nut Driver Bit 11mm	-	3/8" Drive Spark Plug Socket 13/16"
-	#1 Phillips® Insert Bit		
-	#3 Phillips® Insert Bit		

180 PC. 1/4" & 3/8" DRIVE 6 POINT SAE/METRIC PROFESSIONAL TOOL SET

- Contains a carefully selected assortment of hand tools needed for most industrial, mechanical and consumer applications
- Incredible access from long wrenches with narrow heads, adjustable wrenches and pliers, and a long-beam ratchets with small teardrop heads
- Long nose & diagonal pliers with professional, ergonomic dipped grips wipe clean easily
- 6" adjustable wrench with hex jaw design reduces slippage by gripping fasteners tightly
- Shallow and deep SAE/metric 6 point full polish chrome sockets with stamped size markings for easy socket identification
- Co-molded bit driver & screwdriver handles with ergonomic grip for improved performance
- Manufactured from chrome alloy steel for better strength and longer tool life
- Includes blow mold case for storage and organization
- Meets or exceeds ANSI and ASME specifications



Cat. No.	Included Storage	Product Weight
CTK180	Blow Mold Case	19.620 lb

Cat. No.	Description	Cat. No.	Description
-	1/4" Drive 72 Tooth Quick Release Ratchet	-	1/4" Drive 6 Point Standard Metric Socket 12mm
-	3/8" Drive 72 Tooth Quick Release Ratchet	-	1/4" Drive 6 Point Standard Metric Socket 13mm
-	1/4" Drive Extension 3"	-	1/4" Drive 6 Point Deep SAE Socket 5/32"
-	3/8" Drive Extension 3"	-	1/4" Drive 6 Point Deep SAE Socket 3/16"
-	3/8" Drive Extension 6"	-	1/4" Drive 6 Point Deep SAE Socket 7/32"
-	1/4" Drive 1/4" M x 3/8" F Adapter	-	1/4" Drive 6 Point Deep SAE Socket 1/4"
-	1/4" Drive 6 Point Standard SAE Socket 5/32"	-	1/4" Drive 6 Point Deep SAE Socket 9/32"
-	1/4" Drive 6 Point Standard SAE Socket 3/16"	-	1/4" Drive 6 Point Deep SAE Socket 5/16"
-	1/4" Drive 6 Point Standard SAE Socket 7/32"	-	1/4" Drive 6 Point Deep SAE Socket 11/32"
-	1/4" Drive 6 Point Standard SAE Socket 1/4"	-	1/4" Drive 6 Point Deep SAE Socket 3/8"
-	1/4" Drive 6 Point Standard SAE Socket 9/32"	-	1/4" Drive 6 Point Deep Metric Socket 4mm
-	1/4" Drive 6 Point Standard SAE Socket 5/16"	-	1/4" Drive 6 Point Deep Metric Socket 5mm
-	1/4" Drive 6 Point Standard SAE Socket 11/32"	-	1/4" Drive 6 Point Deep Metric Socket 5.5mm
-	1/4" Drive 6 Point Standard SAE Socket 3/8"	-	1/4" Drive 6 Point Deep Metric Socket 6mm
-	1/4" Drive 6 Point Standard SAE Socket 7/16"	-	1/4" Drive 6 Point Deep Metric Socket 7mm
-	1/4" Drive 6 Point Standard SAE Socket 1/2"	-	1/4" Drive 6 Point Deep Metric Socket 8mm
-	1/4" Drive 6 Point Standard SAE Socket 9/16"	-	1/4" Drive 6 Point Deep Metric Socket 9mm
-	1/4" Drive 6 Point Standard Metric Socket 4mm	-	1/4" Drive 6 Point Deep Metric Socket 10mm
-	1/4" Drive 6 Point Standard Metric Socket 5mm	-	3/8" Drive 6 Point Standard SAE Socket 3/16"
-	1/4" Drive 6 Point Standard Metric Socket 5.5mm	-	3/8" Drive 6 Point Standard SAE Socket 7/32"
-	1/4" Drive 6 Point Standard Metric Socket 6mm	-	3/8" Drive 6 Point Standard SAE Socket 1/4"
-	1/4" Drive 6 Point Standard Metric Socket 7mm	-	3/8" Drive 6 Point Standard SAE Socket 9/32"
-	1/4" Drive 6 Point Standard Metric Socket 8mm	-	3/8" Drive 6 Point Standard SAE Socket 5/16"
-	1/4" Drive 6 Point Standard Metric Socket 9mm	-	3/8" Drive 6 Point Standard SAE Socket 11/32"
-	1/4" Drive 6 Point Standard Metric Socket 10mm	-	3/8" Drive 6 Point Standard SAE Socket 3/8"
-	1/4" Drive 6 Point Standard Metric Socket 11mm		

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180 PC. 1/4" & 3/8" DRIVE 6 POINT SAE/METRIC TOOL SET *[Continued from previous page]*
MULTI-DRIVE

Cat. No.	Description	Cat. No.	Description
-	3/8" Drive 6 Point Standard SAE Socket 7/16"	-	8mm 12 Point Long Pattern Combination Wrench
-	3/8" Drive 6 Point Standard SAE Socket 1/2"	-	10mm 12 Point Long Pattern Combination Wrench
-	3/8" Drive 6 Point Standard SAE Socket 9/16"	-	12mm 12 Point Long Pattern Combination Wrench
-	3/8" Drive 6 Point Standard SAE Socket 5/8"	-	13mm 12 Point Long Pattern Combination Wrench
-	3/8" Drive 6 Point Standard SAE Socket 11/16"	-	14mm 12 Point Long Pattern Combination Wrench
-	3/8" Drive 6 Point Standard SAE Socket 3/4"	-	15mm 12 Point Long Pattern Combination Wrench
-	3/8" Drive 6 Point Standard SAE Socket 7/8"	-	0.035" Short Arm Hex Key
-	3/8" Drive 6 Point Standard SAE Socket 15/16"	-	0.05" Short Arm Hex Key
-	3/8" Drive 6 Point Standard SAE Socket 1"	-	1/16" Short Arm Hex Key
-	3/8" Drive 6 Point Standard Metric Socket 12mm	-	5/64" Short Arm Hex Key
-	3/8" Drive 6 Point Standard Metric Socket 13mm	-	3/32" Short Arm Hex Key
-	3/8" Drive 6 Point Standard Metric Socket 14mm	-	7/64" Short Arm Hex Key
-	3/8" Drive 6 Point Standard Metric Socket 15mm	-	1/8" Short Arm Hex Key
-	3/8" Drive 6 Point Standard Metric Socket 16mm	-	9/64" Short Arm Hex Key
-	3/8" Drive 6 Point Standard Metric Socket 17mm	-	5/32" Short Arm Hex Key
-	3/8" Drive 6 Point Standard Metric Socket 18mm	-	3/16" Short Arm Hex Key
-	3/8" Drive 6 Point Standard Metric Socket 19mm	-	7/32" Short Arm Hex Key
-	3/8" Drive 6 Point Standard Metric Socket 20mm	-	1/4" Short Arm Hex Key
-	3/8" Drive 6 Point Standard Metric Socket 21mm	-	0.9mm Short Arm Hex Key
-	3/8" Drive 6 Point Standard Metric Socket 22mm	-	1.3mm Short Arm Hex Key
-	3/8" Drive 6 Point Standard Metric Socket 23mm	-	1.5mm Short Arm Hex Key
-	3/8" Drive 6 Point Standard Metric Socket 24mm	-	2mm Short Arm Hex Key
-	3/8" Drive 6 Point Deep SAE Socket 3/8"	-	2.5mm Short Arm Hex Key
-	3/8" Drive 6 Point Deep SAE Socket 7/16"	-	3mm Short Arm Hex Key
-	3/8" Drive 6 Point Deep SAE Socket 1/2"	-	3.5mm Short Arm Hex Key
-	3/8" Drive 6 Point Deep SAE Socket 5/8"	-	4mm Short Arm Hex Key
-	3/8" Drive 6 Point Deep SAE Socket 11/16"	-	4.5mm Short Arm Hex Key
-	3/8" Drive 6 Point Deep SAE Socket 9/16"	-	5mm Short Arm Hex Key
-	3/8" Drive 6 Point Deep SAE Socket 3/4"	-	5.5mm Short Arm Hex Key
-	3/8" Drive 6 Point Deep Metric Socket 12mm	-	6mm Short Arm Hex Key
-	3/8" Drive 6 Point Deep Metric Socket 13mm	-	6" Diagonal Pliers
-	3/8" Drive 6 Point Deep Metric Socket 14mm	-	6" Long Nose Pliers
-	3/8" Drive 6 Point Deep Metric Socket 15mm	-	6" Adjustable Wrench
-	3/8" Drive 6 Point Deep Metric Socket 16mm	-	#1 x 3" Phillips® Dual Material Screwdriver
-	3/8" Drive 6 Point Deep Metric Socket 17mm	-	#2 x 4" Phillips® Dual Material Screwdriver
-	3/8" Drive 6 Point Deep Metric Socket 18mm	-	1/4" x 4" Slotted Dual Material Screwdriver
-	3/8" Drive 6 Point Deep Metric Socket 19mm	-	3/16" x 3" Slotted Dual Material Screwdriver
-	3/8" Drive 6 Point Spark Plug Socket 5/8"	-	Dual Material Magnetic Bit Driver
-	5/16" 12 Point Long Pattern Combination Wrench	-	1/4" Drive Bit Adapter
-	3/8" 12 Point Long Pattern Combination Wrench	-	#0 Phillips® Insert Bit
-	7/16" 12 Point Long Pattern Combination Wrench	-	#1 Phillips® Insert Bit
-	1/2" 12 Point Long Pattern Combination Wrench	-	#3 Phillips® Insert Bit
-	9/16" 12 Point Long Pattern Combination Wrench	-	3/32" Slotted Insert Bit
-	5/8" 12 Point Long Pattern Combination Wrench	-	1/8" Slotted Insert Bit

Cat. No.	Description	Cat. No.	Description
-	5/32" Slotted Insert Bit	-	4mm Hex Insert Bit
-	3/16" Slotted Insert Bit	-	5mm Hex Insert Bit
-	7/32" Slotted Insert Bit	-	6mm Hex Insert Bit
-	1/4" Slotted Insert Bit	-	7mm Hex Insert Bit
-	3mm Slotted Insert Bit	-	#0 Square Insert Bit
-	4mm Slotted Insert Bit	-	#1 Square Insert Bit
-	5mm Slotted Insert Bit	-	#2 Square Insert Bit
-	6mm Slotted Insert Bit	-	#3 Square Insert Bit
-	7mm Slotted Insert Bit	-	T5 Torx® Bit
-	#0 Pozidriv® Insert Bit	-	T7 Torx® Bit
-	#1 Pozidriv® Insert Bit	-	T8 Torx® Bit
-	#2 Pozidriv® Insert Bit	-	T10 Torx® Bit
-	#3 Pozidriv® Insert Bit	-	T15 Torx® Bit
-	1/8" Hex Insert Bit	-	T30 Torx® Bit
-	5/32" Hex Insert Bit	-	T40 Torx® Bit
-	3/16" Hex Insert Bit	-	T8 Tamper Proof Torx® Insert Bit
-	7/32" Hex Insert Bit	-	T10 Tamper Proof Torx® Insert Bit
-	5/16" Hex Insert Bit	-	T15 Tamper Proof Torx® Insert Bit
-	3mm Hex Insert Bit	-	T20 Tamper Proof Torx® Insert Bit

MULTI-DRIVE

150 PC.

1/4" & 3/8" DRIVE 6 POINT SAE/ METRIC PROFESSIONAL TOOL SET

- Contains a carefully selected assortment of hand tools needed for most industrial, mechanical and consumer applications
- Incredible access from combination wrenches with narrow heads, adjustable wrenches and pliers, and low profile head quick release ratchets
- Long nose & diagonal pliers with professional, ergonomic dipped grips wipe clean easily
- Co-molded bit driver & screwdriver handles with ergonomic grip for improved performance
- Shallow and deep SAE/metric 6 point full polish chrome sockets with stamped size markings for easy socket identification
- 6" adjustable wrench with hex jaw design reduces slippage by gripping fasteners tightly
- Manufactured from chrome alloy steel for better strength and longer tool life
- Includes blow mold case for storage and organization
- Meets or exceeds ANSI and ASME specifications



Cat. No.	Included Storage	Product Weight
CTK150	Blow Mold Case	16.755 lb

Cat. No.	Description	Cat. No.	Description
-	1/4" Drive 72 Tooth Quick Release Ratchet	-	1/4" Drive Extension 3"
-	3/8" Drive 72 Tooth Quick Release Ratchet		

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150 PC. 1/4" & 3/8" DRIVE 6 POINT SAE/METRIC TOOL SET *[Continued from previous page]*
MULTI-DRIVE

Cat. No.	Description	Cat. No.	Description
-	3/8" Drive Extension 3"	-	3/8" Drive 6 Point Standard Metric Socket 16mm
-	3/8" Drive Extension 6"	-	3/8" Drive 6 Point Standard Metric Socket 17mm
-	1/4" Drive 6 Point Standard SAE Socket 5/32"	-	3/8" Drive 6 Point Standard Metric Socket 18mm
-	1/4" Drive 6 Point Standard SAE Socket 3/16"	-	3/8" Drive 6 Point Standard Metric Socket 19mm
-	1/4" Drive 6 Point Standard SAE Socket 7/32"	-	3/8" Drive 6 Point Standard Metric Socket 20mm
-	1/4" Drive 6 Point Standard SAE Socket 1/4"	-	3/8" Drive 6 Point Standard Metric Socket 21mm
-	1/4" Drive 6 Point Standard SAE Socket 9/32"	-	3/8" Drive 6 Point Standard Metric Socket 22mm
-	1/4" Drive 6 Point Standard SAE Socket 5/16"	-	3/8" Drive 6 Point Standard Metric Socket 23mm
-	1/4" Drive 6 Point Standard SAE Socket 11/32"	-	3/8" Drive 6 Point Standard Metric Socket 24mm
-	1/4" Drive 6 Point Standard SAE Socket 3/8"	-	3/8" Drive 6 Point Spark Plug Socket 5/8"
-	1/4" Drive 6 Point Standard SAE Socket 7/16"	-	5/16" 12 Point Long Pattern Combination Wrench
-	1/4" Drive 6 Point Standard SAE Socket 1/2"	-	3/8" 12 Point Long Pattern Combination Wrench
-	1/4" Drive 6 Point Standard SAE Socket 9/16"	-	7/16" 12 Point Long Pattern Combination Wrench
-	1/4" Drive 6 Point Standard Metric Socket 4mm	-	1/2" 12 Point Long Pattern Combination Wrench
-	1/4" Drive 6 Point Standard Metric Socket 5mm	-	9/16" 12 Point Long Pattern Combination Wrench
-	1/4" Drive 6 Point Standard Metric Socket 5.5mm	-	5/8" 12 Point Long Pattern Combination Wrench
-	1/4" Drive 6 Point Standard Metric Socket 6mm	-	8mm 12 Point Long Pattern Combination Wrench
-	1/4" Drive 6 Point Standard Metric Socket 7mm	-	10mm 12 Point Long Pattern Combination Wrench
-	1/4" Drive 6 Point Standard Metric Socket 8mm	-	12mm 12 Point Long Pattern Combination Wrench
-	1/4" Drive 6 Point Standard Metric Socket 9mm	-	13mm 12 Point Long Pattern Combination Wrench
-	1/4" Drive 6 Point Standard Metric Socket 10mm	-	14mm 12 Point Long Pattern Combination Wrench
-	1/4" Drive 6 Point Standard Metric Socket 11mm	-	15mm 12 Point Long Pattern Combination Wrench
-	1/4" Drive 6 Point Standard Metric Socket 12mm	-	0.035" Short Arm Hex Key
-	1/4" Drive 6 Point Standard Metric Socket 13mm	-	0.05" Short Arm Hex Key
-	3/8" Drive 6 Point Standard SAE Socket 3/16"	-	1/16" Short Arm Hex Key
-	3/8" Drive 6 Point Standard SAE Socket 7/32"	-	5/64" Short Arm Hex Key
-	3/8" Drive 6 Point Standard SAE Socket 1/4"	-	3/32" Short Arm Hex Key
-	3/8" Drive 6 Point Standard SAE Socket 9/32"	-	7/64" Short Arm Hex Key
-	3/8" Drive 6 Point Standard SAE Socket 5/16"	-	1/8" Short Arm Hex Key
-	3/8" Drive 6 Point Standard SAE Socket 11/32"	-	9/64" Short Arm Hex Key
-	3/8" Drive 6 Point Standard SAE Socket 3/8"	-	5/32" Short Arm Hex Key
-	3/8" Drive 6 Point Standard SAE Socket 7/16"	-	3/16" Short Arm Hex Key
-	3/8" Drive 6 Point Standard SAE Socket 1/2"	-	7/32" Short Arm Hex Key
-	3/8" Drive 6 Point Standard SAE Socket 9/16"	-	1/4" Short Arm Hex Key
-	3/8" Drive 6 Point Standard SAE Socket 5/8"	-	0.9mm Short Arm Hex Key
-	3/8" Drive 6 Point Standard SAE Socket 11/16"	-	1.3mm Short Arm Hex Key
-	3/8" Drive 6 Point Standard SAE Socket 3/4"	-	1.5mm Short Arm Hex Key
-	3/8" Drive 6 Point Standard SAE Socket 7/8"	-	2mm Short Arm Hex Key
-	3/8" Drive 6 Point Standard SAE Socket 15/16"	-	2.5mm Short Arm Hex Key
-	3/8" Drive 6 Point Standard SAE Socket 1"	-	3mm Short Arm Hex Key
-	3/8" Drive 6 Point Standard Metric Socket 12mm	-	3.5mm Short Arm Hex Key
-	3/8" Drive 6 Point Standard Metric Socket 13mm	-	4mm Short Arm Hex Key
-	3/8" Drive 6 Point Standard Metric Socket 14mm	-	4.5mm Short Arm Hex Key
-	3/8" Drive 6 Point Standard Metric Socket 15mm	-	5mm Short Arm Hex Key

Cat. No.	Description	Cat. No.	Description
-	5.5mm Short Arm Hex Key	-	7/32" Hex Insert Bit
-	6mm Short Arm Hex Key	-	3mm Hex Insert Bit
-	6" Diagonal Pliers	-	4mm Hex Insert Bit
-	6" Long Nose Pliers	-	5mm Hex Insert Bit
-	6" Adjustable Wrench	-	6mm Hex Insert Bit
-	#2 x 4" Phillips® Dual Material Screwdriver	-	7mm Hex Insert Bit
-	1/4" x 4" Slotted Dual Material Screwdriver	-	#1 Square Insert Bit
-	Dual Material Magnetic Bit Driver	-	#2 Square Insert Bit
-	1/4" Drive Bit Adapter	-	#3 Square Insert Bit
-	#1 Phillips® Insert Bit	-	T5 Torx® Bit
-	#3 Phillips® Insert Bit	-	T7 Torx® Bit
-	3/32" Slotted Insert Bit	-	T8 Torx® Bit
-	1/8" Slotted Insert Bit	-	T10 Torx® Bit
-	5/32" Slotted Insert Bit	-	T15 Torx® Bit
-	3/16" Slotted Insert Bit	-	T30 Torx® Bit
-	7/32" Slotted Insert Bit	-	T40 Torx® Bit
-	1/4" Slotted Insert Bit	-	5/32" Nutdriver Bit
-	3mm Slotted Insert Bit	-	3/16" Nutdriver Bit
-	4mm Slotted Insert Bit	-	7/32" Nutdriver Bit
-	5mm Slotted Insert Bit	-	1/4" Nutdriver Bit
-	6mm Slotted Insert Bit	-	9/32" Nutdriver Bit
-	7mm Slotted Insert Bit	-	5/16" Nutdriver Bit
-	#0 Pozidriv® Insert Bit	-	4mm Nutdriver Bit
-	#1 Pozidriv® Insert Bit	-	5mm Nutdriver Bit
-	#2 Pozidriv® Insert Bit	-	6mm Nutdriver Bit
-	#3 Pozidriv® Insert Bit	-	7mm Nutdriver Bit
-	5/32" Hex Insert Bit	-	8mm Nutdriver Bit
-	3/16" Hex Insert Bit	-	10mm Nutdriver Bit

142 PC.

1/4", 3/8", 1/2" DRIVE 6 & 12 POINT SAE/METRIC MECHANICS TOOL SET

- Contains a carefully selected assortment of hand tools needed for most industrial, mechanical and consumer applications
- 72-tooth ratchet requires only a 5-degree swing arc to turn a fastener
- Quick release allows for fast socket exchanges
- Sockets feature off-corner loading technology to virtually eliminate fastener rounding
- Long pattern combination wrenches for improved access and torque
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Ergonomic dual material bit driver for added strength and leverage fastening bits
- Includes blow mold case for storage and organization
- Meets or exceeds ANSI and ASME specifications



MULTI DRIVE

Cat. No.	Included Storage	Product Weight
CTK142C	Blow Mold Case	17.335 lb

Cat. No.	Description	Cat. No.	Description
CR12	1/2" Drive 72-Tooth Quick Release Teardrop Ratchet 10"	CDS32N	3/8" Drive 12 Point Standard SAE Socket 13/16"
CR14	1/4" Drive 72-Tooth Quick Release Teardrop Ratchet 5"	-	3/8" Drive 12 Point Standard Metric Socket 6mm
CR38	3/8" Drive 72-Tooth Quick Release Teardrop Ratchet 8.5"	CDS37N	3/8" Drive 12 Point Standard Metric Socket 7mm
-	1/4" Drive Extension 3"	CDS38N	3/8" Drive 12 Point Standard Metric Socket 8mm
CDTA8C	3/8" Drive Extension 3"	CDS39N	3/8" Drive 12 Point Standard Metric Socket 9mm
CDTA12C	1/2" Drive Extension 5"	CDS40N	3/8" Drive 12 Point Standard Metric Socket 10mm
CDS0N	1/4" Drive 6 Point Standard SAE Socket 5/32"	CDS41N	3/8" Drive 12 Point Standard Metric Socket 11mm
CDS1N	1/4" Drive 6 Point Standard SAE Socket 3/16"	CDS42N	3/8" Drive 12 Point Standard Metric Socket 12mm
CDS2N	1/4" Drive 6 Point Standard SAE Socket 7/32"	CDS43N	3/8" Drive 12 Point Standard Metric Socket 13mm
CDS3N	1/4" Drive 6 Point Standard SAE Socket 1/4"	CDS44N	3/8" Drive 12 Point Standard Metric Socket 14mm
CDS4N	1/4" Drive 6 Point Standard SAE Socket 9/32"	CDS45N	3/8" Drive 12 Point Standard Metric Socket 15mm
CDS5N	1/4" Drive 6 Point Standard SAE Socket 5/16"	CDS46N	3/8" Drive 12 Point Standard Metric Socket 16mm
CDS6N	1/4" Drive 6 Point Standard SAE Socket 11/32"	CDS47N	3/8" Drive 12 Point Standard Metric Socket 17mm
CDS7N	1/4" Drive 6 Point Standard SAE Socket 3/8"	CDS48N	3/8" Drive 12 Point Standard Metric Socket 18mm
CDS8N	1/4" Drive 6 Point Standard SAE Socket 7/16"	CDS49N	3/8" Drive 12 Point Standard Metric Socket 19mm
CDS9N	1/4" Drive 6 Point Standard SAE Socket 1/2"	CDDS26N	3/8" Drive 6 Point Deep SAE Socket 7/16"
-	1/4" Drive 6 Point Standard SAE Socket 9/16"	CDDS27N	3/8" Drive 6 Point Deep SAE Socket 1/2"
CDS11N	1/4" Drive 6 Point Standard Metric Socket 4mm	CDDS28N	3/8" Drive 6 Point Deep SAE Socket 9/16"
CDS12N	1/4" Drive 6 Point Standard Metric Socket 5mm	CDDS29N	3/8" Drive 6 Point Deep SAE Socket 5/8"
-	1/4" Drive 6 Point Standard Metric Socket 5.5mm	CDDS30N	3/8" Drive 6 Point Deep SAE Socket 11/16"
CDS13N	1/4" Drive 6 Point Standard Metric Socket 6mm	CDDS31N	3/8" Drive 6 Point Deep SAE Socket 3/4"
CDS14N	1/4" Drive 6 Point Standard Metric Socket 7mm	CDDS39N	3/8" Drive 6 Point Deep Metric Socket 9mm
CDS15N	1/4" Drive 6 Point Standard Metric Socket 8mm	CDDS40N	3/8" Drive 6 Point Deep Metric Socket 10mm
CDS16N	1/4" Drive 6 Point Standard Metric Socket 9mm	CDDS41N	3/8" Drive 6 Point Deep Metric Socket 11mm
CDS17N	1/4" Drive 6 Point Standard Metric Socket 10mm	CDDS42N	3/8" Drive 6 Point Deep Metric Socket 12mm
CDS18N	1/4" Drive 6 Point Standard Metric Socket 11mm	CDDS43N	3/8" Drive 6 Point Deep Metric Socket 13mm
CDS19N	1/4" Drive 6 Point Standard Metric Socket 12mm	CDDS44N	3/8" Drive 6 Point Deep Metric Socket 14mm
CDS20N	1/4" Drive 6 Point Standard Metric Socket 13mm	CDDS45N	3/8" Drive 6 Point Deep Metric Socket 15mm



Cat. No.	Description	Cat. No.	Description
-	1/4" Drive 6 Point Standard Metric Socket 14mm	CDDS46N	3/8" Drive 6 Point Deep Metric Socket 16mm
CDDS3N	1/4" Drive 6 Point Deep SAE Socket 1/4"	CDDS47N	3/8" Drive 6 Point Deep Metric Socket 17mm
CDDS4N	1/4" Drive 6 Point Deep SAE Socket 9/32"	CDS53N	1/2" Drive 12 Point Standard SAE Socket 7/16"
CDDS5N	1/4" Drive 6 Point Deep SAE Socket 5/16"	CDS54N	1/2" Drive 12 Point Standard SAE Socket 1/2"
CDDS6N	1/4" Drive 6 Point Deep SAE Socket 11/32"	CDS55N	1/2" Drive 12 Point Standard SAE Socket 9/16"
CDDS7N	1/4" Drive 6 Point Deep SAE Socket 3/8"	CDS56N	1/2" Drive 12 Point Standard SAE Socket 5/8"
CDDS8N	1/4" Drive 6 Point Deep SAE Socket 7/16"	CDS57N	1/2" Drive 12 Point Standard SAE Socket 11/16"
CDDS13N	1/4" Drive 6 Point Deep Metric Socket 6mm	CDS58N	1/2" Drive 12 Point Standard SAE Socket 3/4"
CDDS14N	1/4" Drive 6 Point Deep Metric Socket 7mm	CDS59N	1/2" Drive 12 Point Standard SAE Socket 13/16"
CDDS15N	1/4" Drive 6 Point Deep Metric Socket 8mm	CDS60N	1/2" Drive 12 Point Standard SAE Socket 7/8"
CDDS16N	1/4" Drive 6 Point Deep Metric Socket 9mm	CCW3	3/8" 12 Point Combination Wrench
CDDS17N	1/4" Drive 6 Point Deep Metric Socket 10mm	CCW4	7/16" 12 Point Combination Wrench
CDDS19N	1/4" Drive 6 Point Deep Metric Socket 12mm	CCW5	1/2" 12 Point Combination Wrench
-	3/8" Drive 12 Point Standard SAE Socket 3/16"	CCW21	10mm 12 Point Combination Wrench
CDS23N	3/8" Drive 12 Point Standard SAE Socket 1/4"	CCW23	12mm 12 Point Combination Wrench
CDS24N	3/8" Drive 12 Point Standard SAE Socket 5/16"	CCW24	13mm 12 Point Combination Wrench
CDS25N	3/8" Drive 12 Point Standard SAE Socket 3/8"	CRW25C	1/4" Drive Dual Material Bit Holding Screwdriver Handle
CDS26N	3/8" Drive 12 Point Standard SAE Socket 7/16"	-	12 Pc. Short Arm SAE Hex Key Set with Caddie
CDS27N	3/8" Drive 12 Point Standard SAE Socket 1/2"	-	12 Pc. Short Arm Metric Hex Key Set with Caddie
CDS28N	3/8" Drive 12 Point Standard SAE Socket 9/16"	-	1/4" Drive Bit Adapter
CDS29N	3/8" Drive 12 Point Standard SAE Socket 5/8"	-	10 Pc. Assorted Insert Bits in Holder
CDS31N	3/8" Drive 12 Point Standard SAE Socket 3/4"	-	7 SAE Nutsetter Bits
		-	5 Metric Nutsetter Bits

121 PC. 1/4" AND 3/8" DRIVE 6 & 12 POINT SAE/ METRIC MECHANICS TOOL SET

- Contains a carefully selected assortment of hand tools needed for most industrial, mechanical and consumer applications
- 72-tooth ratchet requires only a 5-degree swing arc to turn a fastener
- Quick release allows for fast socket exchanges
- Sockets feature off-corner loading technology to virtually eliminate fastener rounding
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Ergonomic dual material bit driver for added strength and leverage fastening bits
- Includes blow mold case for storage and organization
- Meets or exceeds ANSI and ASME specifications



Cat. No.	Included Storage	Product Weight
CTK121C	Blow Mold Case	12.050 lb

Cat. No.	Description	Cat. No.	Description
CR14	1/4" Drive 72-Tooth Quick Release Teardrop Ratchet 5"	CDTA8N	3/8" Drive Extension 3"
CR38	3/8" Drive 72-Tooth Quick Release Teardrop Ratchet 8.5"		

[Continued on next page]

121 PC. 1/4", 3/8" DRIVE 6 & 12 POINT SAE/METRIC TOOL SET *[Continued from previous page]*

Cat. No.	Description	Cat. No.	Description
CDS0N	1/4" Drive 6 Point Standard SAE Socket 5/32"	CDS26N	3/8" Drive 12 Point Standard SAE Socket 7/16"
CDS1N	1/4" Drive 6 Point Standard SAE Socket 3/16"	CDS27N	3/8" Drive 12 Point Standard SAE Socket 1/2"
CDS2N	1/4" Drive 6 Point Standard SAE Socket 7/32"	CDS28N	3/8" Drive 12 Point Standard SAE Socket 9/16"
CDS3N	1/4" Drive 6 Point Standard SAE Socket 1/4"	CDS29N	3/8" Drive 12 Point Standard SAE Socket 5/8"
CDS4N	1/4" Drive 6 Point Standard SAE Socket 9/32"	CDS31N	3/8" Drive 12 Point Standard SAE Socket 3/4"
CDS5N	1/4" Drive 6 Point Standard SAE Socket 5/16"	-	3/8" Drive 12 Point Standard Metric Socket 6mm
CDS6N	1/4" Drive 6 Point Standard SAE Socket 11/32"	CDS37N	3/8" Drive 12 Point Standard Metric Socket 7mm
CDS7N	1/4" Drive 6 Point Standard SAE Socket 3/8"	CDS38N	3/8" Drive 12 Point Standard Metric Socket 8mm
CDS8N	1/4" Drive 6 Point Standard SAE Socket 7/16"	CDS39N	3/8" Drive 12 Point Standard Metric Socket 9mm
CDS9N	1/4" Drive 6 Point Standard SAE Socket 1/2"	CDS40N	3/8" Drive 12 Point Standard Metric Socket 10mm
-	1/4" Drive 6 Point Standard SAE Socket 9/16"	CDS41N	3/8" Drive 12 Point Standard Metric Socket 11mm
CDS11N	1/4" Drive 6 Point Standard Metric Socket 4mm	CDS42N	3/8" Drive 12 Point Standard Metric Socket 12mm
CDS12N	1/4" Drive 6 Point Standard Metric Socket 5mm	CDS43N	3/8" Drive 12 Point Standard Metric Socket 13mm
-	1/4" Drive 6 Point Standard Metric Socket 5.5mm	CDS44N	3/8" Drive 12 Point Standard Metric Socket 14mm
CDS13N	1/4" Drive 6 Point Standard Metric Socket 6mm	CDS45N	3/8" Drive 12 Point Standard Metric Socket 15mm
CDS14N	1/4" Drive 6 Point Standard Metric Socket 7mm	CDS46N	3/8" Drive 12 Point Standard Metric Socket 16mm
CDS15N	1/4" Drive 6 Point Standard Metric Socket 8mm	CDS47N	3/8" Drive 12 Point Standard Metric Socket 17mm
CDS16N	1/4" Drive 6 Point Standard Metric Socket 9mm	CDS48N	3/8" Drive 12 Point Standard Metric Socket 18mm
CDS17N	1/4" Drive 6 Point Standard Metric Socket 10mm	CDS49N	3/8" Drive 12 Point Standard Metric Socket 19mm
CDS18N	1/4" Drive 6 Point Standard Metric Socket 11mm	CDDS26N	3/8" Drive 6 Point Deep SAE Socket 7/16"
CDS19N	1/4" Drive 6 Point Standard Metric Socket 12mm	CDDS27N	3/8" Drive 6 Point Deep SAE Socket 1/2"
CDS20N	1/4" Drive 6 Point Standard Metric Socket 13mm	CDDS28N	3/8" Drive 6 Point Deep SAE Socket 9/16"
CDDS3N	1/4" Drive 6 Point Deep SAE Socket 1/4"	CDDS29N	3/8" Drive 6 Point Deep SAE Socket 5/8"
CDDS4N	1/4" Drive 6 Point Deep SAE Socket 9/32"	CDDS30N	3/8" Drive 6 Point Deep SAE Socket 11/16"
CDDS5N	1/4" Drive 6 Point Deep SAE Socket 5/16"	CDDS31N	3/8" Drive 6 Point Deep SAE Socket 3/4"
CDDS6N	1/4" Drive 6 Point Deep SAE Socket 11/32"	CDDS39N	3/8" Drive 6 Point Deep Metric Socket 9mm
CDDS7N	1/4" Drive 6 Point Deep SAE Socket 3/8"	CDDS40N	3/8" Drive 6 Point Deep Metric Socket 10mm
CDDS8N	1/4" Drive 6 Point Deep SAE Socket 7/16"	CDDS41N	3/8" Drive 6 Point Deep Metric Socket 11mm
CDDS13N	1/4" Drive 6 Point Deep Metric Socket 6mm	CDDS42N	3/8" Drive 6 Point Deep Metric Socket 12mm
CDDS14N	1/4" Drive 6 Point Deep Metric Socket 7mm	CDDS43N	3/8" Drive 6 Point Deep Metric Socket 13mm
CDDS15N	1/4" Drive 6 Point Deep Metric Socket 8mm	CDDS44N	3/8" Drive 6 Point Deep Metric Socket 14mm
CDDS16N	1/4" Drive 6 Point Deep Metric Socket 9mm	CRW25C	1/4" Drive Dual Material Bit Holding Screwdriver Handle
CDDS17N	1/4" Drive 6 Point Deep Metric Socket 10mm	-	1/4" Drive Bit Adapter
CDDS18N	1/4" Drive 6 Point Deep Metric Socket 11mm	-	12 Pc. Short Arm SAE Hex Key Set with Caddie
CDDS19N	1/4" Drive 6 Point Deep Metric Socket 12mm	-	12 Pc. Short Arm Metric Hex Key Set with Caddie
-	1/4" Drive 6 Point Deep Metric Socket 14mm	-	9 Pc. Assorted Insert Bits in Holder
-	3/8" Drive 12 Point Standard SAE Socket 3/16"	-	7 SAE Nutsetter Bits
CDS23N	3/8" Drive 12 Point Standard SAE Socket 1/4"	-	5 Metric Nutsetter Bits
CDS24N	3/8" Drive 12 Point Standard SAE Socket 5/16"		
CDS25N	3/8" Drive 12 Point Standard SAE Socket 3/8"		

84 PC.

1/4" AND 3/8" DRIVE 6 & 12 POINT SAE/METRIC MECHANICS TOOL SET

- Contains a carefully selected assortment of hand tools needed for most industrial, mechanical and consumer applications
- 72-tooth ratchet requires only a 5-degree swing arc to turn a fastener
- Quick release allows for fast socket exchanges
- Sockets feature off-corner loading technology to virtually eliminate fastener rounding
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Ergonomic dual material bit driver for added strength and leverage fastening bits
- Includes blow mold case for storage and organization
- Meets or exceeds ANSI and ASME specifications



Cat. No.	Included Storage	Product Weight
CTK84C	Blow Mold Case	7.785 lb



Cat. No.	Description	Cat. No.	Description
CR14	1/4" Drive 72-Tooth Quick Release Teardrop Ratchet 5"	CDDS15N	1/4" Drive 6 Point Deep Metric Socket 8mm
CR38	3/8" Drive 72-Tooth Quick Release Teardrop Ratchet 8.5"	CDDS17N	1/4" Drive 6 Point Deep Metric Socket 10mm
CDTA8C	3/8" Drive Extension 3"	CDDS18N	1/4" Drive 6 Point Deep Metric Socket 11mm
CDTA1C	3/8" Drive 3/8" F x 1/4" M Adapter	CDDS19N	1/4" Drive 6 Point Deep Metric Socket 12mm
CDS0N	1/4" Drive 6 Point Standard SAE Socket 5/32"	CDS26N	3/8" Drive 12 Point Standard SAE Socket 7/16"
CDS1N	1/4" Drive 6 Point Standard SAE Socket 3/16"	CDS27N	3/8" Drive 12 Point Standard SAE Socket 1/2"
CDS2N	1/4" Drive 6 Point Standard SAE Socket 7/32"	CDS28N	3/8" Drive 12 Point Standard SAE Socket 9/16"
CDS3N	1/4" Drive 6 Point Standard SAE Socket 1/4"	CDS29N	3/8" Drive 12 Point Standard SAE Socket 5/8"
CDS4N	1/4" Drive 6 Point Standard SAE Socket 9/32"	CDS30N	3/8" Drive 12 Point Standard SAE Socket 11/16"
CDS5N	1/4" Drive 6 Point Standard SAE Socket 5/16"	CDS31N	3/8" Drive 12 Point Standard SAE Socket 3/4"
CDS6N	1/4" Drive 6 Point Standard SAE Socket 11/32"	CDS32N	3/8" Drive 12 Point Standard SAE Socket 13/16"
CDS7N	1/4" Drive 6 Point Standard SAE Socket 3/8"	CDS42N	3/8" Drive 12 Point Standard Metric Socket 12mm
CDS11N	1/4" Drive 6 Point Standard Metric Socket 4mm	CDS43N	3/8" Drive 12 Point Standard Metric Socket 13mm
CDS12N	1/4" Drive 6 Point Standard Metric Socket 5mm	CDS44N	3/8" Drive 12 Point Standard Metric Socket 14mm
CDS13N	1/4" Drive 6 Point Standard Metric Socket 6mm	CDS45N	3/8" Drive 12 Point Standard Metric Socket 15mm
CDS14N	1/4" Drive 6 Point Standard Metric Socket 7mm	CDS46N	3/8" Drive 12 Point Standard Metric Socket 16mm
CDS15N	1/4" Drive 6 Point Standard Metric Socket 8mm	CDS47N	3/8" Drive 12 Point Standard Metric Socket 17mm
CDS16N	1/4" Drive 6 Point Standard Metric Socket 9mm	CDS48N	3/8" Drive 12 Point Standard Metric Socket 18mm
CDS17N	1/4" Drive 6 Point Standard Metric Socket 10mm	CDS49N	3/8" Drive 12 Point Standard Metric Socket 19mm
CDS18N	1/4" Drive 6 Point Standard Metric Socket 11mm	CRW25N	1/4" Drive Magnetic Bit Holding Screwdriver Handle
CDDS1N	1/4" Drive 6 Point Deep SAE Socket 3/16"	-	15 Pc. Assorted Insert Bits in Holder
CDDS3N	1/4" Drive 6 Point Deep SAE Socket 1/4"	-	6 SAE Nutsetter Bits
CDDS5N	1/4" Drive 6 Point Deep SAE Socket 5/16"	-	8 Pc. Short Arm SAE Hex Keys with Caddie
CDDS7N	1/4" Drive 6 Point Deep SAE Socket 3/8"	-	8 Pc. Short Arm Metric Hex Keys with Caddie
CDDS8N	1/4" Drive 6 Point Deep SAE Socket 7/16"		
CDDS13N	1/4" Drive 6 Point Deep Metric Socket 6mm		

70 PC.

1/4" AND 3/8" DRIVE 6 & 12 POINT SAE/METRIC MECHANICS TOOL SET

- Contains a carefully selected assortment of hand tools needed for most industrial, mechanical and consumer applications
- 72-tooth ratchet requires only a 5-degree swing arc to turn a fastener
- Quick release allows for fast socket exchanges
- Sockets feature off-corner loading technology to virtually eliminate fastener rounding
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Ergonomic dual material bit driver for added strength and leverage fastening bits
- Includes blow mold case for storage and organization
- Meets or exceeds ANSI and ASME specifications



MULTI DRIVE

Cat. No.	Included Storage	Product Weight		
CTK70C	Blow Mold Case	8.430 lb		
Cat. No.	Description	Cat. No.	Description	
CR14	1/4" Drive 72-Tooth Quick Release Teardrop Ratchet 5"	CDS28N	3/8" Drive 12 Point Standard SAE Socket 9/16"	
CR38	3/8" Drive 72-Tooth Quick Release Teardrop Ratchet 8.5"	CDS29N	3/8" Drive 12 Point Standard SAE Socket 5/8"	
CDTA6C	1/4" Drive Extension 2"	CDS30N	3/8" Drive 12 Point Standard SAE Socket 11/16"	
CDTA8C	3/8" Drive Extension 3"	CDS31N	3/8" Drive 12 Point Standard SAE Socket 3/4"	
CDTA1	3/8" Drive 3/8" F x 1/4" M Adapter	CDS40N	3/8" Drive 12 Point Standard Metric Socket 10mm	
CDS0N	1/4" Drive 6 Point Standard SAE Socket 5/32"	CDS41N	3/8" Drive 12 Point Standard Metric Socket 11mm	
CDS1N	1/4" Drive 6 Point Standard SAE Socket 3/16"	CDS42N	3/8" Drive 12 Point Standard Metric Socket 12mm	
CDS2N	1/4" Drive 6 Point Standard SAE Socket 7/32"	CDS43N	3/8" Drive 12 Point Standard Metric Socket 13mm	
CDS3N	1/4" Drive 6 Point Standard SAE Socket 1/4"	CDS44N	3/8" Drive 12 Point Standard Metric Socket 14mm	
CDS4N	1/4" Drive 6 Point Standard SAE Socket 9/32"	CDS45N	3/8" Drive 12 Point Standard Metric Socket 15mm	
CDS5N	1/4" Drive 6 Point Standard SAE Socket 5/16"	CDS47N	3/8" Drive 12 Point Standard Metric Socket 17mm	
CDS6N	1/4" Drive 6 Point Standard SAE Socket 11/32"	CCW3	3/8" 12 Point Combination Wrench	
CDS7N	1/4" Drive 6 Point Standard SAE Socket 3/8"	CCW4	7/16" 12 Point Combination Wrench	
CDS8N	1/4" Drive 6 Point Standard SAE Socket 7/16"	CCW5	1/2" 12 Point Combination Wrench	
CDS11N	1/4" Drive 6 Point Standard Metric Socket 4mm	CCW6	9/16" 12 Point Combination Wrench	
CDS12N	1/4" Drive 6 Point Standard Metric Socket 5mm	CCW7	5/8" 12 Point Combination Wrench	
CDS13N	1/4" Drive 6 Point Standard Metric Socket 6mm	CCW8	11/16" 12 Point Combination Wrench	
CDS14N	1/4" Drive 6 Point Standard Metric Socket 7mm	CCW21	10mm 12 Point Combination Wrench	
CDS15N	1/4" Drive 6 Point Standard Metric Socket 8mm	CCW23	12mm 12 Point Combination Wrench	
CDS16N	1/4" Drive 6 Point Standard Metric Socket 9mm	CCW24	13mm 12 Point Combination Wrench	
CDS17N	1/4" Drive 6 Point Standard Metric Socket 10mm	CCW25	14mm 12 Point Combination Wrench	
CDS18N	1/4" Drive 6 Point Standard Metric Socket 11mm	CCW26	15mm 12 Point Combination Wrench	
CDS19N	1/4" Drive 6 Point Standard Metric Socket 12mm	CCW28	17mm 12 Point Combination Wrench	
CDS25N	3/8" Drive 12 Point Standard SAE Socket 3/8"	CRW25C	1/4" Drive Dual Material Bit Holding Screwdriver Handle	
CDS26N	3/8" Drive 12 Point Standard SAE Socket 7/16"	-	12 Pc. Assorted Insert Bits in Holder	
CDS27N	3/8" Drive 12 Point Standard SAE Socket 1/2"	-	8 Pc. Short Arm Metric Hex Keys with Caddie	



50 PC.

1/4" AND 3/8" DRIVE 6 & 12 POINT SAE/METRIC MECHANICS TOOL SET

- 72-tooth ratchet requires only a 5-degree swing arc to turn a fastener
- Teardrop ratchet head for improved access
- Flush-mounted on/off switch allow better access in tight spaces
- Quick release allows for fast socket exchanges
- Sockets feature off-corner loading technology to virtually eliminate fastener rounding
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Insert bits made of S2 steel for strength and durability
- Includes blow mold case for storage and organization
- Meets or exceeds ASME and ANSI specifications



MULTI DRIVE

Cat. No.	Included Storage	Product Weight
CSWS13C	Blow Mold Case	6.115 lb

Cat. No.	Description	Cat. No.	Description
CR38	3/8" Drive 72-Tooth Quick Release Teardrop Ratchet 8.5"	CDS25N	3/8" Drive 12 Point Standard SAE Socket 3/8"
-	1/4" Drive Dual Material Spinner Handle	CDS26N	3/8" Drive 12 Point Standard SAE Socket 7/16"
CDTA8C	3/8" Drive Extension 3"	CDS27N	3/8" Drive 12 Point Standard SAE Socket 1/2"
CDTA1C	3/8" Drive 3/8" F x 1/4" M Adapter	CDS28N	3/8" Drive 12 Point Standard SAE Socket 9/16"
CDS0N	1/4" Drive 6 Point Standard SAE Socket 5/32"	CDS29N	3/8" Drive 12 Point Standard SAE Socket 5/8"
CDS1N	1/4" Drive 6 Point Standard SAE Socket 3/16"	CDS30N	3/8" Drive 12 Point Standard SAE Socket 11/16"
CDS2N	1/4" Drive 6 Point Standard SAE Socket 7/32"	CDS31N	3/8" Drive 12 Point Standard SAE Socket 3/4"
CDS3N	1/4" Drive 6 Point Standard SAE Socket 1/4"	CDS32N	3/8" Drive 12 Point Standard SAE Socket 13/16"
CDS4N	1/4" Drive 6 Point Standard SAE Socket 9/32"	CDS40N	3/8" Drive 12 Point Standard Metric Socket 10mm
CDS5N	1/4" Drive 6 Point Standard SAE Socket 5/16"	CDS41N	3/8" Drive 12 Point Standard Metric Socket 11mm
CDS6N	1/4" Drive 6 Point Standard SAE Socket 11/32"	CDS42N	3/8" Drive 12 Point Standard Metric Socket 12mm
CDS7N	1/4" Drive 6 Point Standard SAE Socket 3/8"	CDS43N	3/8" Drive 12 Point Standard Metric Socket 13mm
CDS8N	1/4" Drive 6 Point Standard SAE Socket 7/16"	CDS44N	3/8" Drive 12 Point Standard Metric Socket 14mm
CDS9N	1/4" Drive 6 Point Standard SAE Socket 1/2"	CDS45N	3/8" Drive 12 Point Standard Metric Socket 15mm
CDS11N	1/4" Drive 6 Point Standard Metric Socket 4mm	CDS46N	3/8" Drive 12 Point Standard Metric Socket 16mm
CDS12N	1/4" Drive 6 Point Standard Metric Socket 5mm	CDS47N	3/8" Drive 12 Point Standard Metric Socket 17mm
CDS13N	1/4" Drive 6 Point Standard Metric Socket 6mm	CDS48N	3/8" Drive 12 Point Standard Metric Socket 18mm
CDS14N	1/4" Drive 6 Point Standard Metric Socket 7mm	CDS49N	3/8" Drive 12 Point Standard Metric Socket 19mm
CDS15N	1/4" Drive 6 Point Standard Metric Socket 8mm	CSPS0N	3/8" Drive 6 Point 2-1/2" Spark Plug Socket 5/8"
CDS16N	1/4" Drive 6 Point Standard Metric Socket 9mm	CSPS2N	3/8" Drive 6 Point 2-1/2" Spark Plug Socket 13/16"
CDS17N	1/4" Drive 6 Point Standard Metric Socket 10mm	-	1/4" Drive Bit Adapter
CDS18N	1/4" Drive 6 Point Standard Metric Socket 11mm	-	#1 Phillips® Insert Bit
CDS19N	1/4" Drive 6 Point Standard Metric Socket 12mm	-	5/32" Slotted Insert Bit
CDS20N	1/4" Drive 6 Point Standard Metric Socket 13mm	-	7/32" Slotted Insert Bit
CDS24N	3/8" Drive 12 Point Standard SAE Socket 5/16"		

12 PC.

1/4" & 3/8" DRIVE TORX® BIT SOCKET SET

- Manufactured from chrome alloy steel for better strength and longer tool life
- Size markings stamped on base for quick size identification
- Insert bits made of S2 steel for strength and durability
- Nickel chrome plated base for durability
- Meets or exceeds ASME specifications



Cat. No.	Product Weight		
CBSS2N	0.890 lb		
Cat. No.	Description	Cat. No.	Description
CDTS0N	1/4" Drive Torx® Bit Socket T10	CDTS6N	3/8" Drive Torx® Bit Socket T40
CDTS1N	1/4" Drive Torx® Bit Socket T15	CDTS7N	3/8" Drive Torx® Bit Socket T45
CDTS2N	1/4" Drive Torx® Bit Socket T20	CDTS8N	3/8" Drive Torx® Bit Socket T47
CDTS3N	1/4" Drive Torx® Bit Socket T25	CDTS9N	3/8" Drive Torx® Bit Socket T50
CDTS4N	1/4" Drive Torx® Bit Socket T27	CDTS10N	3/8" Drive Torx® Bit Socket T55
CDTS5N	1/4" Drive Torx® Bit Socket T30	CDTS11N	3/8" Drive Torx® Bit Socket T60

12 PC.

1/4" & 3/8" DRIVE TAMPER PROOF TORX® BIT SOCKET SET

- Manufactured from chrome alloy steel for better strength and longer tool life
- Size markings stamped on base for quick size identification
- Insert bits made of S2 steel for strength and durability
- Nickel chrome plated base for durability
- Meets or exceeds ASME specifications



Cat. No.	Product Weight		
CBSS2TN	0.890 lb		
Cat. No.	Description	Cat. No.	Description
-	1/4" Drive Tamper-Proof Torx® Bit Socket T10	-	3/8" Drive Tamper-Proof Torx® Bit Socket T40
-	1/4" Drive Tamper-Proof Torx® Bit Socket T15	-	3/8" Drive Tamper-Proof Torx® Bit Socket T45
-	1/4" Drive Tamper-Proof Torx® Bit Socket T20	-	3/8" Drive Tamper-Proof Torx® Bit Socket T47
-	1/4" Drive Tamper-Proof Torx® Bit Socket T25	-	3/8" Drive Tamper-Proof Torx® Bit Socket T50
-	1/4" Drive Tamper-Proof Torx® Bit Socket T27	-	3/8" Drive Tamper-Proof Torx® Bit Socket T55
-	1/4" Drive Tamper-Proof Torx® Bit Socket T30	-	3/8" Drive Tamper-Proof Torx® Bit Socket T60

16 PC. SOCKET ACCESSORIES SET

- All set contents feature an easy to wipe clean, rust resistant, full polish chrome finish
- Flex handle breaker bars with drive tangs that flex 180 degrees for access to more fasteners
- Flex handle breaker bars in 10" length (3/8" drive) & 18" length (1/2" drive) for optimum leverage to break free stubborn fasteners
- Extension bars in 1/4", 3/8", 1/2" drive sizes to reach more fasteners than stand alone socket and drive tool
- Universal joints in 1/4" & 3/8" drive providing angled access to more fasteners
- Reducing & adapters covering 4 drive sizes, 1/4", 3/8", 1/2", 3/4" to allow drive tools be functional with additional sockets
- Includes blow mold case for storage and organization
- Meets or exceeds ASME specifications



Cat. No.	Included Storage	Product Weight		
CTK16	Blow Mold Case	7.800 lb		
Cat. No.	Description	Cat. No.	Description	
-	3/8" Drive Flex Handle/Breaker Bar 10"	CDTA13C	1/2" Drive Extension 10"	
-	1/2" Drive Flex Handle/Breaker Bar 18"	CDTA0C	1/4" Drive 1/4" F x 3/8" M Adapter	
-	1/4" Drive Extension 3"	CDTA1C	3/8" Drive 3/8" F x 1/4" M Adapter	
CDTA7C	1/4" Drive Extension 6"	CDTA2C	3/8" Drive 3/8" F x 1/2" M Adapter	
CDTA8C	3/8" Drive Extension 3"	CDTA3C	1/2" Drive 1/2" F x 3/8" M Adapter	
CDTA9C	3/8" Drive Extension 6"	CDTA4C	1/2" Drive 1/2" F x 3/4" M Adapter	
CDTA10C	3/8" Drive Extension 10"	CDTA16C	1/4" Drive Universal Joint	
CDTA12C	1/2" Drive Extension 5"	CDTA17C	3/8" Drive Universal Joint	

3 PC. 1/4" & 3/8" DRIVE UNIVERSAL JOINT SET

- Universal joints in 1/4" & 3/8" drive sizes provides additional angled access to reach more fasteners
- Reducing adapter instantly turns a 3/8" drive tool to a 1/4" drive tool when added to a 3/8" drive tool square drive tang
- Ball detent for secure socket retention
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Meets or Exceeds ANSI & ASME Specifications



Cat. No.	Product Weight
CDTA14C	0.290 lb
Cat. No.	Description
CDTA16C	1/4" Drive Universal Joint
CDTA17C	3/8" Drive Universal Joint
CDTA1C	3/8" Drive 3/8" F x 1/4" M Adapter

27 PC.

1/4" DRIVE 6 POINT METRIC STANDARD & DEEP MECHANICS TOOL SET

- 72-tooth ratchet requires only a 5-degree swing arc to turn a fastener
- Teardrop ratchet head for improved access
- Flush-mounted on/off switch allow better access in tight spaces
- Quick release allows for fast socket exchanges
- Sockets feature off-corner loading technology to virtually eliminate fastener rounding
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Insert bits made of S2 steel for strength and durability
- Meets or exceeds ASME and ANSI specifications



1/4" DRIVE

Cat. No.	Included Storage	Product Weight		
CSWS3C	Blow Mold Case	2.240 lb		
Cat. No.	Description	Cat. No.	Description	
CR14	1/4" Drive 72-Tooth Quick Release Teardrop Ratchet 5"	CDDS12N	1/4" Drive 6 Point Deep Metric Socket 5mm	6 mm
CDTA7C	1/4" Drive Extension 6"	CDDS13N	1/4" Drive 6 Point Deep Metric Socket 6mm	
CDS11N	1/4" Drive 6 Point Standard Metric Socket 4mm	CDDS14N	1/4" Drive 6 Point Deep Metric Socket 7mm	
CDS12N	1/4" Drive 6 Point Standard Metric Socket 5mm	CDDS15N	1/4" Drive 6 Point Deep Metric Socket 8mm	
CDS13N	1/4" Drive 6 Point Standard Metric Socket 6mm	CDDS16N	1/4" Drive 6 Point Deep Metric Socket 9mm	
CDS14N	1/4" Drive 6 Point Standard Metric Socket 7mm	CDDS17N	1/4" Drive 6 Point Deep Metric Socket 10mm	
CDS15N	1/4" Drive 6 Point Standard Metric Socket 8mm	CDDS18N	1/4" Drive 6 Point Deep Metric Socket 11mm	
CDS16N	1/4" Drive 6 Point Standard Metric Socket 9mm	CDDS19N	1/4" Drive 6 Point Deep Metric Socket 12mm	
CDS17N	1/4" Drive 6 Point Standard Metric Socket 10mm	CDDS20N	1/4" Drive 6 Point Deep Metric Socket 13mm	
CDS18N	1/4" Drive 6 Point Standard Metric Socket 11mm	-	1/4" Drive Bit Adapter	
CDS19N	1/4" Drive 6 Point Standard Metric Socket 12mm	-	#1 Phillips® Insert Bit	
CDS20N	1/4" Drive 6 Point Standard Metric Socket 13mm	-	5/32" Slotted Insert Bit	
CDDS11N	1/4" Drive 6 Point Deep Metric Socket 4mm	-	7/32" Slotted Insert Bit	

26 PC.

1/4" DRIVE 6 POINT SAE STANDARD & DEEP MECHANICS TOOL SET

- 72-tooth ratchet requires only a 5-degree swing arc to turn a fastener
- Teardrop ratchet head for improved access
- Flush-mounted on/off switch allow better access in tight spaces
- Quick release allows for fast socket exchanges
- Sockets feature off-corner loading technology to virtually eliminate fastener rounding
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Insert bits made of S2 steel for strength and durability
- Meets or exceeds ASME and ANSI specifications



Cat. No.	Included Storage	Product Weight
CSWS2C	Blow Mold Case	2.165 lb



Cat. No.	Description	Cat. No.	Description
CR14	1/4" Drive 72-Tooth Quick Release Teardrop Ratchet 5"	CDDS2N	1/4" Drive 6 Point Deep SAE Socket 7/32"
CDTA7C	1/4" Drive Extension 6"	CDDS3N	1/4" Drive 6 Point Deep SAE Socket 1/4"
CDS0N	1/4" Drive 6 Point Standard SAE Socket 5/32"	CDDS4N	1/4" Drive 6 Point Deep SAE Socket 9/32"
CDS1N	1/4" Drive 6 Point Standard SAE Socket 3/16"	CDDS5N	1/4" Drive 6 Point Deep SAE Socket 5/16"
CDS2N	1/4" Drive 6 Point Standard SAE Socket 7/32"	CDDS6N	1/4" Drive 6 Point Deep SAE Socket 11/32"
CDS3N	1/4" Drive 6 Point Standard SAE Socket 1/4"	CDDS7N	1/4" Drive 6 Point Deep SAE Socket 3/8"
CDS4N	1/4" Drive 6 Point Standard SAE Socket 9/32"	CDDS8N	1/4" Drive 6 Point Deep SAE Socket 7/16"
CDS5N	1/4" Drive 6 Point Standard SAE Socket 5/16"	CDDS9N	1/4" Drive 6 Point Deep SAE Socket 1/2"
CDS6N	1/4" Drive 6 Point Standard SAE Socket 11/32"	-	1/4" Drive Bit Adapter
CDS7N	1/4" Drive 6 Point Standard SAE Socket 3/8"	-	#1 Phillips® Insert Bit
CDS8N	1/4" Drive 6 Point Standard SAE Socket 7/16"	-	5/32" Slotted Insert Bit
CDS9N	1/4" Drive 6 Point Standard SAE Socket 1/2"	-	7/32" Slotted Insert Bit
CDDS1N	1/4" Drive 6 Point Deep SAE Socket 3/16"		

1/4" DRIVE

25 PC. 1/4" DRIVE 6 POINT SAE/METRIC MECHANICS TOOL SET

- 72-tooth ratchet requires only a 5-degree swing arc to turn a fastener
- Teardrop ratchet head for improved access
- Flush-mounted on/off switch allow better access in tight spaces
- Quick release allows for fast socket exchanges
- Sockets feature off-corner loading technology to virtually eliminate fastener rounding
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Insert bits made of S2 steel for strength and durability
- Meets or exceeds ASME and ANSI specifications



Cat. No.	Product Weight		
CSWS1C	1.255 lb		
Cat. No.	Description	Cat. No.	Description
CR14	1/4" Drive 72-Tooth Quick Release Teardrop Ratchet 5"	CDS13N	1/4" Drive 6 Point Standard Metric Socket 6mm
CDTA6C	1/4" Drive Extension 2"	CDS14N	1/4" Drive 6 Point Standard Metric Socket 7mm
CDS1N	1/4" Drive 6 Point Standard SAE Socket 3/16"	CDS15N	1/4" Drive 6 Point Standard Metric Socket 8mm
CDS2N	1/4" Drive 6 Point Standard SAE Socket 7/32"	CDS16N	1/4" Drive 6 Point Standard Metric Socket 9mm
CDS3N	1/4" Drive 6 Point Standard SAE Socket 1/4"	CDS17N	1/4" Drive 6 Point Standard Metric Socket 10mm
CDS4N	1/4" Drive 6 Point Standard SAE Socket 9/32"	CDS18N	1/4" Drive 6 Point Standard Metric Socket 11mm
CDS5N	1/4" Drive 6 Point Standard SAE Socket 5/16"	CDS19N	1/4" Drive 6 Point Standard Metric Socket 12mm
CDS6N	1/4" Drive 6 Point Standard SAE Socket 11/32"	CDS20N	1/4" Drive 6 Point Standard Metric Socket 13mm
CDS7N	1/4" Drive 6 Point Standard SAE Socket 3/8"	-	1/4" Drive Bit Adapter
CDS8N	1/4" Drive 6 Point Standard SAE Socket 7/16"	-	#1 Phillips® Insert Bit
CDS9N	1/4" Drive 6 Point Standard SAE Socket 1/2"	-	5/32" Slotted Insert Bit
CDS12N	1/4" Drive 6 Point Standard Metric Socket 5mm	-	7/32" Slotted Insert Bit

Tough gets the job done.
Smart gets the job done right.

12 PC. 1/4" DRIVE 6 POINT SAE MECHANICS TOOL SET

- 60-tooth ratchet requires only a 6-degree swing arc to turn a fastener
- Teardrop ratchet head for improved access
- Quick release design allows for rapid socket removal
- Sockets feature off-corner loading technology to virtually eliminate fastener rounding
- Manufactured from chrome alloy steel for better strength and longer tool life
- Includes blow mold case for storage and organization
- Meets or exceeds ASME and ANSI specifications



Cat. No.	Included Storage	Product Weight
CSWS14SAE12	Blow Mold Case	1.555 lb



Cat. No.	Description	Cat. No.	Description
CRW0N	1/4" Drive 60-Tooth Quick Release Teardrop Ratchet 6"	CDS4N	1/4" Drive 6 Point Standard SAE Socket 9/32"
-	1/4" Drive Extension 3"	CDS5N	1/4" Drive 6 Point Standard SAE Socket 5/16"
CDS0N	1/4" Drive 6 Point Standard SAE Socket 5/32"	CDS6N	1/4" Drive 6 Point Standard SAE Socket 11/32"
CDS1N	1/4" Drive 6 Point Standard SAE Socket 3/16"	CDS7N	1/4" Drive 6 Point Standard SAE Socket 3/8"
CDS2N	1/4" Drive 6 Point Standard SAE Socket 7/32"	CDS8N	1/4" Drive 6 Point Standard SAE Socket 7/16"
CDS3N	1/4" Drive 6 Point Standard SAE Socket 1/4"	CDS9N	1/4" Drive 6 Point Standard SAE Socket 1/2"

1/4" DRIVE

12 PC. 1/4" DRIVE 6 POINT METRIC MECHANICS TOOL SET

- 60-tooth ratchet requires only a 6-degree swing arc to turn a fastener
- Teardrop ratchet head for improved access
- Quick release design allows for rapid socket removal
- Sockets feature off-corner loading technology to virtually eliminate fastener rounding
- Manufactured from chrome alloy steel for better strength and longer tool life
- Includes blow mold case for storage and organization
- Meets or exceeds ASME and ANSI specifications



Cat. No.	Included Storage	Product Weight
CSWS14MM12	Blow Mold Case	1.575 lb



Cat. No.	Description	Cat. No.	Description
CRW0N	1/4" Drive 60-Tooth Quick Release Teardrop Ratchet 6"	CDS16N	1/4" Drive 6 Point Standard Metric Socket 9mm
-	1/4" Drive Extension 3"	CDS17N	1/4" Drive 6 Point Standard Metric Socket 10mm
CDS12N	1/4" Drive 6 Point Standard Metric Socket 5mm	CDS18N	1/4" Drive 6 Point Standard Metric Socket 11mm
CDS13N	1/4" Drive 6 Point Standard Metric Socket 6mm	CDS19N	1/4" Drive 6 Point Standard Metric Socket 12mm
CDS14N	1/4" Drive 6 Point Standard Metric Socket 7mm	CDS20N	1/4" Drive 6 Point Standard Metric Socket 13mm
CDS15N	1/4" Drive 6 Point Standard Metric Socket 8mm	-	1/4" Drive 6 Point Standard Metric Socket 14mm

10 PC.

1/4" DRIVE 6 POINT SAE STANDARD LENGTH SOCKET SET

- Manufactured from chrome alloy steel for better strength and longer tool life
- Off-corner loading technology to virtually eliminate fastener rounding
- Size markings stamped on socket for quick size identification
- Nickel chrome plated for durability
- Meets or exceeds ASME specifications



Cat. No.	Included Storage	Product Weight
CSAS8N	Socket Rail	0.450 lb



Cat. No.	Description	Qty.	Cat. No.	Description	Qty.
CDS0N	1/4" Drive 6 Point Standard SAE Socket 5/32"	1	CDS5N	1/4" Drive 6 Point Standard SAE Socket 5/16"	1
CDS1N	1/4" Drive 6 Point Standard SAE Socket 3/16"	1	CDS6N	1/4" Drive 6 Point Standard SAE Socket 11/32"	1
CDS2N	1/4" Drive 6 Point Standard SAE Socket 7/32"	1	CDS7N	1/4" Drive 6 Point Standard SAE Socket 3/8"	1
CDS3N	1/4" Drive 6 Point Standard SAE Socket 1/4"	1	CDS8N	1/4" Drive 6 Point Standard SAE Socket 7/16"	1
CDS4N	1/4" Drive 6 Point Standard SAE Socket 9/32"	1	CDS9N	1/4" Drive 6 Point Standard SAE Socket 1/2"	1

1/4" DRIVE

10 PC.

1/4" DRIVE 6 POINT METRIC STANDARD LENGTH SOCKET SET



Cat. No.	Included Storage	Product Weight
CSAS9N	Socket Rail	0.490 lb



Cat. No.	Description	Qty.	Cat. No.	Description	Qty.
CDS11N	1/4" Drive 6 Point Standard Metric Socket 4mm	1	CDS16N	1/4" Drive 6 Point Standard Metric Socket 9mm	1
CDS12N	1/4" Drive 6 Point Standard Metric Socket 5mm	1	CDS17N	1/4" Drive 6 Point Standard Metric Socket 10mm	1
CDS13N	1/4" Drive 6 Point Standard Metric Socket 6mm	1	CDS18N	1/4" Drive 6 Point Standard Metric Socket 11mm	1
CDS14N	1/4" Drive 6 Point Standard Metric Socket 7mm	1	CDS19N	1/4" Drive 6 Point Standard Metric Socket 12mm	1
CDS15N	1/4" Drive 6 Point Standard Metric Socket 8mm	1	CDS20N	1/4" Drive 6 Point Standard Metric Socket 13mm	1

Tough gets the job done.
Smart gets the job done right.

10 PC.

1/4" DRIVE 6 POINT SAE DEEP LENGTH SOCKET SET

- Manufactured from chrome alloy steel for better strength and longer tool life
- Off-corner loading technology to virtually eliminate fastener rounding
- Size markings stamped on socket for quick size identification
- Nickel chrome plated for durability
- Meets or exceeds ASME specifications



Cat. No.	Included Storage	Product Weight
CSAS10N	Socket Rail	0.785 lb



Cat. No.	Description	Qty.	Cat. No.	Description	Qty.
CDDSON	1/4" Drive 6 Point Deep SAE Socket 5/32"	1	CDD5N	1/4" Drive 6 Point Deep SAE Socket 5/16"	1
CDD51N	1/4" Drive 6 Point Deep SAE Socket 3/16"	1	CDD6N	1/4" Drive 6 Point Deep SAE Socket 11/32"	1
CDD52N	1/4" Drive 6 Point Deep SAE Socket 7/32"	1	CDD7N	1/4" Drive 6 Point Deep SAE Socket 3/8"	1
CDD53N	1/4" Drive 6 Point Deep SAE Socket 1/4"	1	CDD8N	1/4" Drive 6 Point Deep SAE Socket 7/16"	1
CDD54N	1/4" Drive 6 Point Deep SAE Socket 9/32"	1	CDD9N	1/4" Drive 6 Point Deep SAE Socket 1/2"	1

10 PC.

1/4" DRIVE 6 POINT METRIC DEEP LENGTH SOCKET SET

Cat. No.	Included Storage	Product Weight
CSAS11N	Socket Rail	0.810 lb



Cat. No.	Description	Qty.	Cat. No.	Description	Qty.
CDD511N	1/4" Drive 6 Point Deep Metric Socket 4mm	1	CDD516N	1/4" Drive 6 Point Deep Metric Socket 9mm	1
CDD512N	1/4" Drive 6 Point Deep Metric Socket 5mm	1	CDD517N	1/4" Drive 6 Point Deep Metric Socket 10mm	1
CDD513N	1/4" Drive 6 Point Deep Metric Socket 6mm	1	CDD518N	1/4" Drive 6 Point Deep Metric Socket 11mm	1
CDD514N	1/4" Drive 6 Point Deep Metric Socket 7mm	1	CDD519N	1/4" Drive 6 Point Deep Metric Socket 12mm	1
CDD515N	1/4" Drive 6 Point Deep Metric Socket 8mm	1	CDD520N	1/4" Drive 6 Point Deep Metric Socket 13mm	1



1/4" DRIVE

1/4" DRIVE 72-TOOTH QUICK RELEASE TEARDROP RATCHET

- 72-tooth ratchet turns fasteners with a 5° swing arc
- Teardrop low profile head for improved access
- Flush-mounted on/off switch allow better access in tight spaces
- Quick release allows for fast socket exchanges
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Head Width	Head Thickness	Tooth Count	Repair Kit	Product Weight
CR14	5.1 in	0.93 in	0.38 in	72	None	0.385 lb

1/4" DRIVE 72-TOOTH QUICK RELEASE DUAL MATERIAL TEARDROP RATCHETS

- 72-tooth ratchet turns fasteners with a 5° swing arc
- Quick-release design allows for rapid socket removal
- Teardrop head for improved access
- Manufactured from chrome vanadium alloy steel for better strength and longer tool life
- Dual material comfort grip handle
- Nickel chrome plated for long-lasting protection
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Head Width	Tooth Count	Repair Kit	Product Weight
CRW1	6.69 in	1.1 in	72	None	0.44 lb

1/4" DRIVE FLEX HANDLE/ BREAKER BAR

- Flexible head for better access
- Long handle for greater torque
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Product Weight
CRW5N	6.0 in	0.290 lb

1/4" DRIVE SPINNER HANDLE

- Spinner handle for turning 1/4" Drive sockets is 7" long for access
- Ball detent for secure socket retention
- Acetate handle for improved impact, UV, and solvent resistance
- Manufactured from chrome alloy steel for better strength and longer tool life
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Product Weight
CRW4N	7.0 in	0.230 lb

1/4" DRIVE EXTENSIONS

- Provides additional access to reach fasteners compared to using a stand alone socket and ratchet
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Ball detent for secure socket retention
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Wobble	Product Weight
CDTA6C	2.0 in	No	0.070 lb
CDTA7C	6.0 in	No	0.160 lb

1/4" DRIVE ADAPTERS

- Increasing adapter instantly turns a 1/4" drive tool to a 3/8" drive tool when added to a 1/4" drive tool square drive tang
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Ball detent for secure socket retention
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Female Drive Size	Male Drive Size	Product Weight
CDTA0C	1.0 in	1/4 in	3/8 in	0.060 lb

1/4" DRIVE UNIVERSAL JOINT

- Universal joint gives improved access to hard to reach fasteners
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Ball detent for secure socket retention
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Product Weight
CDA16C	1.375 in	0.070 lb

1/4" DRIVE 6 POINT STANDARD LENGTH SOCKETS

- Manufactured from chrome alloy steel for better strength and longer tool life
- Off-corner loading technology to virtually eliminate fastener rounding
- Size markings stamped on socket for quick size identification
- Nickel chrome plated for durability
- Meets or exceeds ASME specifications



Cat. No.	SAE/Metric	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Product Weight
CDS0N	SAE	5/32 in	0.45 in	0.28 in	0.88 in	0.09 in	0.22 in	0.040 lb
CDS1N	SAE	3/16 in	0.45 in	0.31 in	0.88 in	0.12 in	0.22 in	0.040 lb
CDS2N	SAE	7/32 in	0.45 in	0.35 in	0.88 in	0.12 in	0.22 in	0.040 lb
CDS3N	SAE	1/4 in	0.45 in	0.39 in	0.88 in	0.16 in	0.22 in	0.040 lb
CDS4N	SAE	9/32 in	0.45 in	0.42 in	0.88 in	0.16 in	0.35 in	0.040 lb
CDS5N	SAE	5/16 in	0.46 in	0.46 in	0.88 in	0.21 in	0.35 in	0.040 lb
CDS6N	SAE	11/32 in	0.51 in	0.51 in	0.88 in	0.21 in	0.35 in	0.050 lb
CDS7N	SAE	3/8 in	0.55 in	0.55 in	0.88 in	0.291 in	0.50 in	0.050 lb
CDS8N	SAE	7/16 in	0.62 in	0.62 in	0.88 in	0.496 in	0.50 in	0.070 lb
CDS9N	SAE	1/2 in	0.69 in	0.69 in	0.88 in	0.496 in	0.50 in	0.080 lb
CDS11N	Metric	4 mm	0.45 in	0.28 in	0.88 in	0.09 in	0.18 in	0.040 lb
CDS12N	Metric	5 mm	0.45 in	0.31 in	0.88 in	0.12 in	0.18 in	0.040 lb
CDS13N	Metric	6 mm	0.45 in	0.37 in	0.88 in	0.15 in	0.22 in	0.040 lb
CDS14N	Metric	7 mm	0.45 in	0.42 in	0.88 in	0.15 in	0.22 in	0.040 lb
CDS15N	Metric	8 mm	0.47 in	0.47 in	0.88 in	0.20 in	0.28 in	0.050 lb
CDS16N	Metric	9 mm	0.51 in	0.51 in	0.88 in	0.20 in	0.28 in	0.050 lb
CDS17N	Metric	10 mm	0.55 in	0.55 in	0.88 in	0.291 in	0.50 in	0.050 lb
CDS18N	Metric	11 mm	0.62 in	0.62 in	0.88 in	0.496 in	0.50 in	0.070 lb
CDS19N	Metric	12 mm	0.66 in	0.66 in	0.88 in	0.496 in	0.50 in	0.080 lb
CDS20N	Metric	13 mm	0.70 in	0.70 in	0.88 in	0.496 in	0.50 in	0.080 lb

Tough gets the job done.
Smart gets the job done right.

1/4" DRIVE 6 POINT DEEP LENGTH SOCKETS

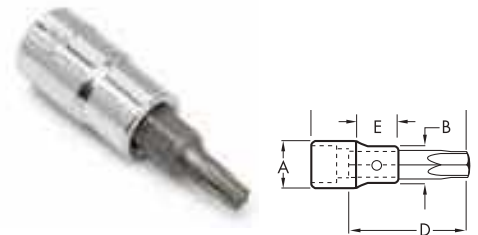


Cat. No.	SAE/Metric	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Product Weight
CDDS0N	SAE	5/32 in	0.45 in	0.28 in	2 in	0.09 in	0.22 in	0.060 lb
CDDS1N	SAE	3/16 in	0.45 in	0.30 in	2 in	0.12 in	0.22 in	0.060 lb
CDDS2N	SAE	7/32 in	0.45 in	0.35 in	2 in	0.12 in	0.22 in	0.060 lb
CDDS3N	SAE	1/4 in	0.45 in	0.39 in	2 in	0.16 in	0.22 in	0.070 lb
CDDS4N	SAE	9/32 in	0.45 in	0.42 in	2 in	0.16 in	0.22 in	0.070 lb
CDDS5N	SAE	5/16 in	0.45 in	0.45 in	2 in	0.21 in	0.80 in	0.070 lb
CDDS6N	SAE	11/32 in	0.51 in	0.51 in	2 in	0.21 in	0.80 in	0.080 lb
CDDS7N	SAE	3/8 in	0.57 in	0.57 in	2 in	0.826 in	0.80 in	0.100 lb
CDDS8N	SAE	7/16 in	0.62 in	0.62 in	2 in	0.826 in	0.80 in	0.110 lb
CDDS9N	SAE	1/2 in	0.68 in	0.68 in	2 in	0.826 in	0.80 in	0.130 lb
CDDS11N	Metric	4 mm	0.45 in	0.28 in	2 in	0.09 in	0.20 in	0.060 lb
CDDS12N	Metric	5 mm	0.45 in	0.32 in	2 in	0.12 in	0.20 in	0.060 lb
CDDS13N	Metric	6 mm	0.45 in	0.36 in	2 in	0.15 in	0.20 in	0.070 lb
CDDS14N	Metric	7 mm	0.45 in	0.42 in	2 in	0.15 in	0.20 in	0.070 lb
CDDS15N	Metric	8 mm	0.45 in	0.45 in	2 in	0.20 in	0.70 in	0.070 lb
CDDS16N	Metric	9 mm	0.51 in	0.51 in	2 in	0.20 in	0.70 in	0.080 lb
CDDS17N	Metric	10 mm	0.58 in	0.58 in	2 in	0.20 in	0.70 in	0.100 lb
CDDS18N	Metric	11 mm	0.62 in	0.62 in	2 in	0.20 in	0.70 in	0.110 lb
CDDS19N	Metric	12 mm	0.66 in	0.66 in	2 in	0.20 in	0.70 in	0.120 lb
CDDS20N	Metric	13 mm	0.70 in	0.70 in	2 in	0.20 in	0.70 in	0.130 lb

1/4" DRIVE

1/4" DRIVE TORX® BIT SOCKETS

- Manufactured from chrome alloy steel for better strength and longer tool life
- Size markings stamped on base for quick size identification
- Insert bits made of S2 steel for strength and durability
- Nickel chrome plated base for durability
- Meets or exceeds ASME specifications



Cat. No.	SAE/Metric	Fastener Size	Dim. A: Drive End	Dim. C: Overall Length	Product Weight
CDTS0N	Torx®	T10	.46 in	1.58 in	0.050 lb
CDTS1N	Torx®	T15	.46 in	1.58 in	0.050 lb
CDTS2N	Torx®	T20	.46 in	1.58 in	0.050 lb
CDTS3N	Torx®	T25	.46 in	1.58 in	0.050 lb
CDTS4N	Torx®	T27	.46 in	1.58 in	0.050 lb
CDTS5N	Torx®	T30	.46 in	1.58 in	0.050 lb

128 PC.

3/8" DRIVE 12 POINT SAE/METRIC STANDARD MECHANICS TOOL SET

- Contains a carefully selected assortment of hand tools needed for most industrial, mechanical and consumer applications
- 72-tooth ratchet requires only a 5-degree swing arc to turn a fastener
- Quick release allows for fast socket exchanges
- Sockets feature off-corner loading technology to virtually eliminate fastener rounding
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Ergonomic dual material bit driver for added strength and leverage fastening bits
- Includes blow mold case for storage and organization
- Meets or exceeds ANSI and ASME specifications



Cat. No.	Included Storage	Product Weight		
CTK128C	Blow Mold Case	11.060 lb		
Cat. No.	Description	Cat. No.	Description	
CR38	3/8" Drive 72-Tooth Quick Release Teardrop Ratchet 8.5"	CDS47N	3/8" Drive 12 Point Standard Metric Socket 17mm	
CDTA8N	3/8" Drive Extension 3"	CDS48N	3/8" Drive 12 Point Standard Metric Socket 18mm	
CDTA9N	3/8" Drive Extension 6"	CDS49N	3/8" Drive 12 Point Standard Metric Socket 19mm	
-	1/4" Hex to 1/4" Square Drive Adapter	CSPS0N	3/8" Drive 6 Point 2-1/2" Spark Plug Socket 5/8"	
-	3/8" Drive 12 Point Standard SAE Socket 3/16"	CSPS2N	3/8" Drive 6 Point 2-1/2" Spark Plug Socket 13/16"	
CDS23N	3/8" Drive 12 Point Standard SAE Socket 1/4"	CCW0	1/4" 12 Point Combination Wrench	
CDS24N	3/8" Drive 12 Point Standard SAE Socket 5/16"	CCW1	5/16" 12 Point Combination Wrench	
CDS25N	3/8" Drive 12 Point Standard SAE Socket 3/8"	CCW3	3/8" 12 Point Combination Wrench	
CDS26N	3/8" Drive 12 Point Standard SAE Socket 7/16"	CCW4	7/16" 12 Point Combination Wrench	
CDS27N	3/8" Drive 12 Point Standard SAE Socket 1/2"	CCW5	1/2" 12 Point Combination Wrench	
CDS28N	3/8" Drive 12 Point Standard SAE Socket 9/16"	CCW6	9/16" 12 Point Combination Wrench	
CDS29N	3/8" Drive 12 Point Standard SAE Socket 5/8"	CCW7	5/8" 12 Point Combination Wrench	
CDS30N	3/8" Drive 12 Point Standard SAE Socket 11/16"	-	6mm 12 Point Combination Wrench	
CDS31N	3/8" Drive 12 Point Standard SAE Socket 3/4"	CCW19	8mm 12 Point Combination Wrench	
CDS32N	3/8" Drive 12 Point Standard SAE Socket 13/16"	CCW21	10mm 12 Point Combination Wrench	
-	3/8" Drive 12 Point Standard Metric Socket 6mm	CCW23	12mm 12 Point Combination Wrench	
CDS37N	3/8" Drive 12 Point Standard Metric Socket 7mm	CCW24	13mm 12 Point Combination Wrench	
CDS38N	3/8" Drive 12 Point Standard Metric Socket 8mm	CCW25	14mm 12 Point Combination Wrench	
CDS39N	3/8" Drive 12 Point Standard Metric Socket 9mm	CCW26	15mm 12 Point Combination Wrench	
CDS40N	3/8" Drive 12 Point Standard Metric Socket 10mm	CRW25N	1/4" Drive Magnetic Bit Holding Screwdriver Handle	
CDS41N	3/8" Drive 12 Point Standard Metric Socket 11mm	-	43 Pc. Assorted Insert Bits in Holder	
CDS42N	3/8" Drive 12 Point Standard Metric Socket 12mm	-	8 SAE Nutsetter Bits	
CDS43N	3/8" Drive 12 Point Standard Metric Socket 13mm	-	8 Metric Nutsetter Bits	
CDS44N	3/8" Drive 12 Point Standard Metric Socket 14mm	-	12 Pc. Short Arm SAE Hex Key Set with Caddie	
CDS45N	3/8" Drive 12 Point Standard Metric Socket 15mm	-	12 Pc. Short Arm Metric Hex Key Set with Caddie	

57 PC.

3/8" DRIVE 6 AND 12 POINT SAE/ METRIC MECHANICS TOOL SET

- 72-tooth ratchet requires only a 5-degree swing arc to turn a fastener
- Teardrop ratchet head for improved access
- Flush-mounted on/off switch allow better access in tight spaces
- Quick release allows for fast socket exchanges
- Sockets feature off-corner loading technology to virtually eliminate fastener rounding
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Insert bits made of S2 steel for strength and durability
- Includes blow mold case for storage and organization
- Meets or exceeds ASME and ANSI specifications



3/8" DRIVE

Cat. No.	Included Storage	Product Weight		
CSWS10C	Blow Mold Case	10.815 lb		
Cat. No.	Description	Cat. No.	Description	
CR38	3/8" Drive 72-Tooth Quick Release Teardrop Ratchet 8.5"	CDDS24N	3/8" Drive 6 Point Deep SAE Socket 5/16"	
CDTA8C	3/8" Drive Extension 3"	CDDS25N	3/8" Drive 6 Point Deep SAE Socket 3/8"	
CDTA9C	3/8" Drive Extension 6"	CDDS26N	3/8" Drive 6 Point Deep SAE Socket 7/16"	
CDTA17C	3/8" Drive Universal Joint	CDDS27N	3/8" Drive 6 Point Deep SAE Socket 1/2"	
CDS23N	3/8" Drive 12 Point Standard SAE Socket 1/4"	CDDS28N	3/8" Drive 6 Point Deep SAE Socket 9/16"	
CDS24N	3/8" Drive 12 Point Standard SAE Socket 5/16"	CDDS29N	3/8" Drive 6 Point Deep SAE Socket 5/8"	
CDS25N	3/8" Drive 12 Point Standard SAE Socket 3/8"	CDDS30N	3/8" Drive 6 Point Deep SAE Socket 11/16"	
CDS26N	3/8" Drive 12 Point Standard SAE Socket 7/16"	CDDS31N	3/8" Drive 6 Point Deep SAE Socket 3/4"	
CDS27N	3/8" Drive 12 Point Standard SAE Socket 1/2"	CDDS32N	3/8" Drive 6 Point Deep SAE Socket 13/16"	
CDS28N	3/8" Drive 12 Point Standard SAE Socket 9/16"	CDDS33N	3/8" Drive 6 Point Deep SAE Socket 7/8"	
CDS29N	3/8" Drive 12 Point Standard SAE Socket 5/8"	CDDS38N	3/8" Drive 6 Point Deep Metric Socket 8mm	
CDS30N	3/8" Drive 12 Point Standard SAE Socket 11/16"	CDDS39N	3/8" Drive 6 Point Deep Metric Socket 9mm	
CDS31N	3/8" Drive 12 Point Standard SAE Socket 3/4"	CDDS40N	3/8" Drive 6 Point Deep Metric Socket 10mm	
CDS32N	3/8" Drive 12 Point Standard SAE Socket 13/16"	CDDS41N	3/8" Drive 6 Point Deep Metric Socket 11mm	
CDS33N	3/8" Drive 12 Point Standard SAE Socket 7/8"	CDDS42N	3/8" Drive 6 Point Deep Metric Socket 12mm	
CDS38N	3/8" Drive 12 Point Standard Metric Socket 8mm	CDDS43N	3/8" Drive 6 Point Deep Metric Socket 13mm	
CDS39N	3/8" Drive 12 Point Standard Metric Socket 9mm	CDDS44N	3/8" Drive 6 Point Deep Metric Socket 14mm	
CDS40N	3/8" Drive 12 Point Standard Metric Socket 10mm	CDDS45N	3/8" Drive 6 Point Deep Metric Socket 15mm	
CDS41N	3/8" Drive 12 Point Standard Metric Socket 11mm	CDDS46N	3/8" Drive 6 Point Deep Metric Socket 16mm	
CDS42N	3/8" Drive 12 Point Standard Metric Socket 12mm	CDDS47N	3/8" Drive 6 Point Deep Metric Socket 17mm	
CDS43N	3/8" Drive 12 Point Standard Metric Socket 13mm	CDDS48N	3/8" Drive 6 Point Deep Metric Socket 18mm	
CDS44N	3/8" Drive 12 Point Standard Metric Socket 14mm	CDDS49N	3/8" Drive 6 Point Deep Metric Socket 19mm	
CDS45N	3/8" Drive 12 Point Standard Metric Socket 15mm	CSPS0N	3/8" Drive 6 Point 2-1/2" Spark Plug Socket 5/8"	
CDS46N	3/8" Drive 12 Point Standard Metric Socket 16mm	-	3/8" Drive Bit Adapter	
CDS47N	3/8" Drive 12 Point Standard Metric Socket 17mm	-	#1 Phillips® Insert Bit	
CDS48N	3/8" Drive 12 Point Standard Metric Socket 18mm	-	5/32" Slotted Insert Bit	
CDS49N	3/8" Drive 12 Point Standard Metric Socket 19mm	-	7/32" Slotted Insert Bit	
CDDS23N	3/8" Drive 6 Point Deep SAE Socket 1/4"			

35 PC.

3/8" DRIVE 6 AND 12 POINT SAE/ METRIC MECHANICS TOOL SET

- 72-tooth ratchet requires only a 5-degree swing arc to turn a fastener
- Teardrop ratchet head for improved access
- Flush-mounted on/off switch allow better access in tight spaces
- Quick release allows for fast socket exchanges
- Sockets feature off-corner loading technology to virtually eliminate fastener rounding
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Insert bits made of S2 steel for strength and durability
- Includes blow mold case for storage and organization
- Meets or exceeds ASME and ANSI specifications



3/8" DRIVE

Cat. No.	Included Storage	Product Weight
CTK35	Blow Mold Case	7.215 lb



Cat. No.	Description	Cat. No.	Description
CR38	3/8" Drive 72-Tooth Quick Release Teardrop Ratchet 8.5"	CDS47N	3/8" Drive 12 Point Standard Metric Socket 17mm
CDTA8C	3/8" Drive Extension 3"	CDDS26N	3/8" Drive 6 Point Deep SAE Socket 7/16"
CDTA9C	3/8" Drive Extension 6"	CDDS27N	3/8" Drive 6 Point Deep SAE Socket 1/2"
CDTA17C	3/8" Drive Universal Joint	CDDS28N	3/8" Drive 6 Point Deep SAE Socket 9/16"
CDS25N	3/8" Drive 12 Point Standard SAE Socket 3/8"	CDDS29N	3/8" Drive 6 Point Deep SAE Socket 5/8"
CDS26N	3/8" Drive 12 Point Standard SAE Socket 7/16"	CDDS30N	3/8" Drive 6 Point Deep SAE Socket 11/16"
CDS27N	3/8" Drive 12 Point Standard SAE Socket 1/2"	CDDS42N	3/8" Drive 6 Point Deep Metric Socket 12mm
CDS28N	3/8" Drive 12 Point Standard SAE Socket 9/16"	CDDS43N	3/8" Drive 6 Point Deep Metric Socket 13mm
CDS29N	3/8" Drive 12 Point Standard SAE Socket 5/8"	CDDS44N	3/8" Drive 6 Point Deep Metric Socket 14mm
CDS30N	3/8" Drive 12 Point Standard SAE Socket 11/16"	CDDS45N	3/8" Drive 6 Point Deep Metric Socket 15mm
CDS31N	3/8" Drive 12 Point Standard SAE Socket 3/4"	CDDS46N	3/8" Drive 6 Point Deep Metric Socket 16mm
CDS40N	3/8" Drive 12 Point Standard Metric Socket 10mm	CDDS47N	3/8" Drive 6 Point Deep Metric Socket 17mm
CDS41N	3/8" Drive 12 Point Standard Metric Socket 11mm	CSPS2N	3/8" Drive 6 Point 2-1/2" Spark Plug Socket 13/16"
CDS42N	3/8" Drive 12 Point Standard Metric Socket 12mm	-	3/8" Drive Bit Adapter
CDS43N	3/8" Drive 12 Point Standard Metric Socket 13mm	-	#1 Phillips® Insert Bit
CDS44N	3/8" Drive 12 Point Standard Metric Socket 14mm	-	5/32" Slotted Insert Bit
CDS45N	3/8" Drive 12 Point Standard Metric Socket 15mm	-	7/32" Slotted Insert Bit

Tough gets the job done.
Smart gets the job done right.

32 PC. 3/8" DRIVE 6 AND 12 POINT METRIC MECHANICS TOOL SET



Cat. No.	Included Storage	Product Weight
CSWS9C	Blow Mold Case	6.180 lb

Cat. No.	Description	Cat. No.	Description
CR38	3/8" Drive 72-Tooth Quick Release Teardrop Ratchet 8.5"	CDDS39N	3/8" Drive 6 Point Deep Metric Socket 9mm
CDTA8C	3/8" Drive Extension 3"	CDDS40N	3/8" Drive 6 Point Deep Metric Socket 10mm
CDTA9C	3/8" Drive Extension 6"	CDDS41N	3/8" Drive 6 Point Deep Metric Socket 11mm
CDS38N	3/8" Drive 12 Point Standard Metric Socket 8mm	CDDS42N	3/8" Drive 6 Point Deep Metric Socket 12mm
CDS39N	3/8" Drive 12 Point Standard Metric Socket 9mm	CDDS43N	3/8" Drive 6 Point Deep Metric Socket 13mm
CDS40N	3/8" Drive 12 Point Standard Metric Socket 10mm	CDDS44N	3/8" Drive 6 Point Deep Metric Socket 14mm
CDS41N	3/8" Drive 12 Point Standard Metric Socket 11mm	CDDS45N	3/8" Drive 6 Point Deep Metric Socket 15mm
CDS42N	3/8" Drive 12 Point Standard Metric Socket 12mm	CDDS46N	3/8" Drive 6 Point Deep Metric Socket 16mm
CDS43N	3/8" Drive 12 Point Standard Metric Socket 13mm	CDDS47N	3/8" Drive 6 Point Deep Metric Socket 17mm
CDS44N	3/8" Drive 12 Point Standard Metric Socket 14mm	CDDS48N	3/8" Drive 6 Point Deep Metric Socket 18mm
CDS45N	3/8" Drive 12 Point Standard Metric Socket 15mm	CDDS49N	3/8" Drive 6 Point Deep Metric Socket 19mm
CDS46N	3/8" Drive 12 Point Standard Metric Socket 16mm	-	3/8" Drive Bit Adapter
CDS47N	3/8" Drive 12 Point Standard Metric Socket 17mm	-	#1 Phillips® Insert Bit
CDS48N	3/8" Drive 12 Point Standard Metric Socket 18mm	-	5/32" Slotted Insert Bit
CDS49N	3/8" Drive 12 Point Standard Metric Socket 19mm	-	7/32" Slotted Insert Bit
CDDS38N	3/8" Drive 6 Point Deep Metric Socket 8mm		

30 PC. 3/8" DRIVE 6 AND 12 POINT SAE MECHANICS TOOL SET



Cat. No.	Included Storage	Product Weight
CSWS8C	Blow Mold Case	6.395 lb

Cat. No.	Description	Cat. No.	Description
CR38	3/8" Drive 72-Tooth Quick Release Teardrop Ratchet 8.5"	CDDS24N	3/8" Drive 6 Point Deep SAE Socket 5/16"
CDTA9C	3/8" Drive Extension 6"	CDDS25N	3/8" Drive 6 Point Deep SAE Socket 3/8"
CDTA8C	3/8" Drive Extension 3"	CDDS26N	3/8" Drive 6 Point Deep SAE Socket 7/16"
CDS23N	3/8" Drive 12 Point Standard SAE Socket 1/4"	CDDS27N	3/8" Drive 6 Point Deep SAE Socket 1/2"
CDS24N	3/8" Drive 12 Point Standard SAE Socket 5/16"	CDDS28N	3/8" Drive 6 Point Deep SAE Socket 9/16"
CDS25N	3/8" Drive 12 Point Standard SAE Socket 3/8"	CDDS29N	3/8" Drive 6 Point Deep SAE Socket 5/8"
CDS26N	3/8" Drive 12 Point Standard SAE Socket 7/16"	CDDS30N	3/8" Drive 6 Point Deep SAE Socket 11/16"
CDS27N	3/8" Drive 12 Point Standard SAE Socket 1/2"	CDDS31N	3/8" Drive 6 Point Deep SAE Socket 3/4"
CDS28N	3/8" Drive 12 Point Standard SAE Socket 9/16"	CDDS32N	3/8" Drive 6 Point Deep SAE Socket 13/16"

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30 PC. 3/8" DRIVE 6 & 12 POINT SAE MECHANICS TOOL SET *[Continued from previous page]*

Cat. No.	Description	Cat. No.	Description
CDS29N	3/8" Drive 12 Point Standard SAE Socket 5/8"	CDDS33N	3/8" Drive 6 Point Deep SAE Socket 7/8"
CDS30N	3/8" Drive 12 Point Standard SAE Socket 11/16"	-	3/8" Drive Bit Adapter
CDS31N	3/8" Drive 12 Point Standard SAE Socket 3/4"	-	#1 Phillips® Insert Bit
CDS32N	3/8" Drive 12 Point Standard SAE Socket 13/16"	-	5/32" Slotted Insert Bit
CDS33N	3/8" Drive 12 Point Standard SAE Socket 7/8"	-	7/32" Slotted Insert Bit
CDDS23N	3/8" Drive 6 Point Deep SAE Socket 1/4"		

25 PC. 3/8" DRIVE 12 POINT SAE/METRIC MECHANICS TOOL SET

- 72-tooth ratchet requires only a 5-degree swing arc to turn a fastener
- Teardrop ratchet head for improved access
- Flush-mounted on/off switch allow better access in tight spaces
- Quick release allows for fast socket exchanges
- Sockets feature off-corner loading technology to virtually eliminate fastener rounding
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Insert bits made of S2 steel for strength and durability
- Meets or exceeds ASME and ANSI specifications



Cat. No.	Product Weight
CSWS7C	2.825 lb

Cat. No.	Description	Cat. No.	Description
CR38	3/8" Drive 72-Tooth Quick Release Teardrop Ratchet 8.5"	CDS40N	3/8" Drive 12 Point Standard Metric Socket 10mm
CDTA8C	3/8" Drive Extension 3"	CDS41N	3/8" Drive 12 Point Standard Metric Socket 11mm
CDS24N	3/8" Drive 12 Point Standard SAE Socket 5/16"	CDS42N	3/8" Drive 12 Point Standard Metric Socket 12mm
CDS25N	3/8" Drive 12 Point Standard SAE Socket 3/8"	CDS43N	3/8" Drive 12 Point Standard Metric Socket 13mm
CDS26N	3/8" Drive 12 Point Standard SAE Socket 7/16"	CDS44N	3/8" Drive 12 Point Standard Metric Socket 14mm
CDS27N	3/8" Drive 12 Point Standard SAE Socket 1/2"	CDS45N	3/8" Drive 12 Point Standard Metric Socket 15mm
CDS28N	3/8" Drive 12 Point Standard SAE Socket 9/16"	CDS47N	3/8" Drive 12 Point Standard Metric Socket 17mm
CDS29N	3/8" Drive 12 Point Standard SAE Socket 5/8"	CDS49N	3/8" Drive 12 Point Standard Metric Socket 19mm
CDS30N	3/8" Drive 12 Point Standard SAE Socket 11/16"	-	3/8" Drive Bit Adapter
CDS31N	3/8" Drive 12 Point Standard SAE Socket 3/4"	-	#1 Phillips® Insert Bit
CDS32N	3/8" Drive 12 Point Standard SAE Socket 13/16"	-	5/32" Slotted Insert Bit
CDS39N	3/8" Drive 12 Point Standard Metric Socket 9mm	-	7/32" Slotted Insert Bit



—|—
Tough gets the job done.
Smart gets the job done right.
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25 PC. 3/8" DRIVE X6™ SPLINE PASS-THRU™ MECHANICS TOOL SET

- Pass-Thru™ socket and ratchet system eliminates the need for deep sockets
- Fits six fastener types: Hex, Square, 12 pt., E-Torx®, Rounded Hex, and Spline
- Ratchet has just a 5° swing arc, so it can turn fasteners in very tight spaces
- Up to 50% thinner than standard ratchets to give you greater access
- Up to 40% stronger than standard ratchets
- Pass-Thru™ system works over any length threaded rod, where normal ratchets and sockets won't fit
- Meets or exceeds ANSI and ASME specifications



Cat. No.	Product Weight		
CX6PT25	2.770 lb		
Cat. No.	Description	Cat. No.	Description
-	3/8" Drive X6 Pass-Thru™ Ratchet	-	3/8" Drive Pass-Thru™ Spline Metric Socket 11mm
-	3/8" Drive Pass-Thru™ Adapter	-	3/8" Drive Pass-Thru™ Spline Metric Socket 12mm
-	3/8" Drive Pass-Thru™ Spline SAE Socket 3/8"	-	3/8" Drive Pass-Thru™ Spline Metric Socket 13mm
-	3/8" Drive Pass-Thru™ Spline SAE Socket 7/16"	-	3/8" Drive Pass-Thru™ Spline Metric Socket 14mm
-	3/8" Drive Pass-Thru™ Spline SAE Socket 1/2"	-	3/8" Drive Pass-Thru™ Spline Metric Socket 15mm
-	3/8" Drive Pass-Thru™ Spline SAE Socket 9/16"	-	3/8" Drive Pass-Thru™ Spline Metric Socket 17mm
-	3/8" Drive Pass-Thru™ Spline SAE Socket 5/8"	-	3/8" Drive Pass-Thru™ Spline Metric Socket 18mm
-	3/8" Drive Pass-Thru™ Spline SAE Socket 11/16"	-	3/8" Drive Pass-Thru™ Spline Metric Socket 19mm
-	3/8" Drive Pass-Thru™ Spline SAE Socket 3/4"	-	3/8" Drive Bit Adapter
-	3/8" Drive Pass-Thru™ Spline SAE Socket 13/16"	-	#1 Phillips® Insert Bit
-	3/8" Drive Pass-Thru™ Spline SAE Socket 7/8"	-	5/32" Slotted Insert Bit
-	3/8" Drive Pass-Thru™ Spline Metric Socket 10mm	-	7/32" Slotted Insert Bit

3/8" DRIVE

20 PC.

X10 3/8" DRIVE 6 POINT SAE/ METRIC MECHANICS TOOL SET

- 84-tooth gear offers a 4.3° swing arc for easy access
- Teardrop ratchet head for improved access
- Enclosed ratchet head design for improved reliability in the harshest environments
- Sockets feature off-corner loading technology to virtually eliminate fastener rounding
- High contrast colored rings on sockets allow you to quickly differentiate and identify SAE and metric sizes
- Knurled surfaces on the ratchet and sockets give you better grip and control in slippery circumstances
- Manufactured from alloy steel for better strength and longer tool life
- Black manganese phosphate finish for extreme corrosion resistance and smooth-ground surfaces to reduce friction
- Meets or exceeds ASME and ANSI specifications



3/8" DRIVE

Cat. No.	Product Weight		
CSWS38B	2.595 lb		
Cat. No.	Description	Cat. No.	Description
-	3/8" Drive 84 Tooth Ratchet	-	3/8" Drive 6 Point Standard SAE Socket 13/16"
-	3/8" Drive Extension 3"	-	3/8" Drive 6 Point Standard Metric Socket 9mm
-	3/8" Drive 6 Point Standard SAE Socket 5/16"	-	3/8" Drive 6 Point Standard Metric Socket 10mm
-	3/8" Drive 6 Point Standard SAE Socket 3/8"	-	3/8" Drive 6 Point Standard Metric Socket 11mm
-	3/8" Drive 6 Point Standard SAE Socket 7/16"	-	3/8" Drive 6 Point Standard Metric Socket 12mm
-	3/8" Drive 6 Point Standard SAE Socket 1/2"	-	3/8" Drive 6 Point Standard Metric Socket 13mm
-	3/8" Drive 6 Point Standard SAE Socket 9/16"	-	3/8" Drive 6 Point Standard Metric Socket 14mm
-	3/8" Drive 6 Point Standard SAE Socket 5/8"	-	3/8" Drive 6 Point Standard Metric Socket 15mm
-	3/8" Drive 6 Point Standard SAE Socket 11/16"	-	3/8" Drive 6 Point Standard Metric Socket 17mm
-	3/8" Drive 6 Point Standard SAE Socket 3/4"	-	3/8" Drive 6 Point Standard Metric Socket 19mm



Tough gets the job done.
Smart gets the job done right.

16 PC. 3/8" DRIVE 12 POINT SAE MECHANICS TOOL SET

- 72-tooth ratchet requires only a 5-degree swing arc to turn a fastener
- Teardrop ratchet head for improved access
- Flush-mounted on/off switch allow better access in tight spaces
- Quick release allows for fast socket exchanges
- Sockets feature off-corner loading technology to virtually eliminate fastener rounding
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Insert bits made of S2 steel for strength and durability
- Includes blow mold case for storage and organization
- Meets or exceeds ASME and ANSI specifications



Cat. No.	Included Storage	Product Weight
CSWS6C	Blow Mold Case	3.115 lb



Cat. No.	Description	Cat. No.	Description
CR38	3/8" Drive 72-Tooth Quick Release Teardrop Ratchet 8.5"	CDS31N	3/8" Drive 12 Point Standard SAE Socket 3/4"
CDTA9C	3/8" Drive Extension 6"	CDS32N	3/8" Drive 12 Point Standard SAE Socket 13/16"
CDS25N	3/8" Drive 12 Point Standard SAE Socket 3/8"	CDS33N	3/8" Drive 12 Point Standard SAE Socket 7/8"
CDS26N	3/8" Drive 12 Point Standard SAE Socket 7/16"	-	3/8" Drive Bit Adapter
CDS27N	3/8" Drive 12 Point Standard SAE Socket 1/2"	-	#1 Phillips® Insert Bit
CDS28N	3/8" Drive 12 Point Standard SAE Socket 9/16"	-	5/32" Slotted Insert Bit
CDS29N	3/8" Drive 12 Point Standard SAE Socket 5/8"	-	7/32" Slotted Insert Bit
CDS30N	3/8" Drive 12 Point Standard SAE Socket 11/16"		

3/8" DRIVE

15 PC. 3/8" DRIVE 6 POINT SAE MECHANICS TOOL SET

- 72-tooth ratchet requires only a 5-degree swing arc to turn a fastener
- Teardrop ratchet head for improved access
- Flush-mounted on/off switch allow better access in tight spaces
- Quick release allows for fast socket exchanges
- Sockets feature off-corner loading technology to virtually eliminate fastener rounding
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Insert bits made of S2 steel for strength and durability
- Includes blow mold case for storage and organization
- Meets or exceeds ASME and ANSI specifications



Cat. No.	Included Storage	Product Weight
CSWS38SAE15	Blow Mold Case	3.085 lb



Cat. No.	Description	Cat. No.	Description
CR38	3/8" Drive 72-Tooth Quick Release Teardrop Ratchet 8.5"	-	3/8" Drive 6 Point Standard SAE Socket 3/4"

[Continued on next page]

15 PC. 3/8" DRIVE 6 POINT SAE MECHANICS TOOL SET *[Continued from previous page]*

Cat. No.	Description	Cat. No.	Description
-	3/8" Drive 6 Point Standard SAE Socket 3/8"	-	3/8" Drive 6 Point Standard SAE Socket 13/16"
-	3/8" Drive 6 Point Standard SAE Socket 7/16"	-	3/8" Drive 6 Point Standard SAE Socket 7/8"
-	3/8" Drive 6 Point Standard SAE Socket 1/2"	-	#1 Phillips® Insert Bit
-	3/8" Drive 6 Point Standard SAE Socket 9/16"	-	5/32" Slotted Insert Bit
-	3/8" Drive 6 Point Standard SAE Socket 5/8"	-	7/32" Slotted Insert Bit
-	3/8" Drive 6 Point Standard SAE Socket 11/16"	-	3/8" Drive Bit Adapter

15 PC. 3/8" DRIVE 6 POINT METRIC MECHANICS TOOL SET

- 72-tooth ratchet requires only a 5-degree swing arc to turn a fastener
- Teardrop ratchet head for improved access
- Flush-mounted on/off switch allow better access in tight spaces
- Quick release allows for fast socket exchanges
- Sockets feature off-corner loading technology to virtually eliminate fastener rounding
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Insert bits made of S2 steel for strength and durability
- Includes blow mold case for storage and organization
- Meets or exceeds ASME and ANSI specifications



Cat. No.	Included Storage	Product Weight
CSWS38MM15	Blow Mold Case	0.820 lb



Cat. No.	Description	Cat. No.	Description
CR38	3/8" Drive 72-Tooth Quick Release Teardrop Ratchet 8.5"	-	3/8" Drive 6 Point Standard Metric Socket 16mm
-	3/8" Drive 6 Point Standard Metric Socket 10mm	-	3/8" Drive 6 Point Standard Metric Socket 17mm
-	3/8" Drive 6 Point Standard Metric Socket 11mm	-	3/8" Drive 6 Point Standard Metric Socket 18mm
-	3/8" Drive 6 Point Standard Metric Socket 12mm	-	#1 Phillips® Insert Bit
-	3/8" Drive 6 Point Standard Metric Socket 13mm	-	5/32" Slotted Insert Bit
-	3/8" Drive 6 Point Standard Metric Socket 14mm	-	7/32" Slotted Insert Bit
-	3/8" Drive 6 Point Standard Metric Socket 15mm	-	3/8" Drive Bit Adapter

Tough gets the job done.
Smart gets the job done right.

9 PC. 3/8" DRIVE 12 POINT SAE STANDARD LENGTH SOCKET SET

- Manufactured from chrome alloy steel for better strength and longer tool life
- Off-corner loading technology to virtually eliminate fastener rounding
- Size markings stamped on socket for quick size identification
- Nickel chrome plated for durability
- Meets or exceeds ASME specifications



Cat. No.	Included Storage	Product Weight				
CSAS4N	Socket Rail	0.830 lb				
Cat. No.	Description	Qty.	Cat. No.	Description	Qty.	
CDS23N	3/8" Drive 12 Point Standard SAE Socket 1/4"	1	CDS28N	3/8" Drive 12 Point Standard SAE Socket 9/16"	1	
CDS24N	3/8" Drive 12 Point Standard SAE Socket 5/16"	1	CDS29N	3/8" Drive 12 Point Standard SAE Socket 5/8"	1	
CDS25N	3/8" Drive 12 Point Standard SAE Socket 3/8"	1	CDS30N	3/8" Drive 12 Point Standard SAE Socket 11/16"	1	
CDS26N	3/8" Drive 12 Point Standard SAE Socket 7/16"	1	CDS31N	3/8" Drive 12 Point Standard SAE Socket 3/4"	1	
CDS27N	3/8" Drive 12 Point Standard SAE Socket 1/2"	1				



9 PC. 3/8" DRIVE 12 POINT METRIC STANDARD LENGTH SOCKET SET



Cat. No.	Included Storage	Product Weight				
CSAS5N	Socket Rail	0.840 lb				
Cat. No.	Description	Qty.	Cat. No.	Description	Qty.	
CDS39N	3/8" Drive 12 Point Standard Metric Socket 9mm	1	CDS44N	3/8" Drive 12 Point Standard Metric Socket 14mm	1	
CDS40N	3/8" Drive 12 Point Standard Metric Socket 10mm	1	CDS45N	3/8" Drive 12 Point Standard Metric Socket 15mm	1	
CDS41N	3/8" Drive 12 Point Standard Metric Socket 11mm	1	CDS47N	3/8" Drive 12 Point Standard Metric Socket 17mm	1	
CDS42N	3/8" Drive 12 Point Standard Metric Socket 12mm	1	CDS49N	3/8" Drive 12 Point Standard Metric Socket 19mm	1	
CDS43N	3/8" Drive 12 Point Standard Metric Socket 13mm	1				



3/8" DRIVE

9 PC. 3/8" DRIVE 6 POINT SAE DEEP LENGTH SOCKET SET

- Manufactured from chrome alloy steel for better strength and longer tool life
- Off-corner loading technology to virtually eliminate fastener rounding
- Size markings stamped on socket for quick size identification
- Nickel chrome plated for durability
- Meets or exceeds ASME specifications



Cat. No.	Included Storage	Product Weight
CSAS6N	Socket Rail	1.730 lb



Cat. No.	Description	Cat. No.	Description
CDDS23N	3/8" Drive 6 Point Deep SAE Socket 1/4"	CDDS28N	3/8" Drive 6 Point Deep SAE Socket 9/16"
CDDS24N	3/8" Drive 6 Point Deep SAE Socket 5/16"	CDDS29N	3/8" Drive 6 Point Deep SAE Socket 5/8"
CDDS25N	3/8" Drive 6 Point Deep SAE Socket 3/8"	CDDS30N	3/8" Drive 6 Point Deep SAE Socket 11/16"
CDDS26N	3/8" Drive 6 Point Deep SAE Socket 7/16"	CDDS31N	3/8" Drive 6 Point Deep SAE Socket 3/4"
CDDS27N	3/8" Drive 6 Point Deep SAE Socket 1/2"		

3/8" DRIVE

9 PC. 3/8" DRIVE 6 POINT METRIC DEEP LENGTH SOCKET SET



Cat. No.	Included Storage	Product Weight
CSAS7N	Socket Rail	1.720 lb



Cat. No.	Description	Qty.	Cat. No.	Description	Qty.
CDDS39N	3/8" Drive 6 Point Deep Metric Socket 9mm	1	CDDS44N	3/8" Drive 6 Point Deep Metric Socket 14mm	1
CDDS40N	3/8" Drive 6 Point Deep Metric Socket 10mm	1	CDDS45N	3/8" Drive 6 Point Deep Metric Socket 15mm	1
CDDS41N	3/8" Drive 6 Point Deep Metric Socket 11mm	1	CDDS47N	3/8" Drive 6 Point Deep Metric Socket 17mm	1
CDDS42N	3/8" Drive 6 Point Deep Metric Socket 12mm	1	CDDS49N	3/8" Drive 6 Point Deep Metric Socket 19mm	1
CDDS43N	3/8" Drive 6 Point Deep Metric Socket 13mm	1			

7 PC. 3/8" DRIVE SAE HEX BIT SOCKET SET

- Manufactured from chrome alloy steel for better strength and longer tool life
- Size markings stamped on base for quick size identification
- Insert bits made of S2 steel for strength and durability
- Nickel chrome plated base for durability
- Meets or exceeds ASME specifications



Cat. No.	Product Weight		
CBSS0N	0.730 lb		
Cat. No.	Description	Cat. No.	Description
-	3/8" Drive Hex Bit Socket 1/8"	-	3/8" Drive Hex Bit Socket 1/4"
-	3/8" Drive Hex Bit Socket 5/32"	-	3/8" Drive Hex Bit Socket 5/16"
-	3/8" Drive Hex Bit Socket 3/16"	-	3/8" Drive Hex Bit Socket 3/8"
-	3/8" Drive Hex Bit Socket 7/32"		

SAE

7 PC. 3/8" DRIVE METRIC HEX BIT SOCKET SET

Cat. No.	Product Weight		
CBSS1N	0.700 lb		
Cat. No.	Description	Cat. No.	Description
-	3/8" Drive Hex Bit Socket 3mm	CHBS10N	3/8" Drive Hex Bit Metric Socket 7mm
CHBS7N	3/8" Drive Hex Bit Metric Socket 4mm	CHBS11N	3/8" Drive Hex Bit Metric Socket 8mm
CHBS8N	3/8" Drive Hex Bit Metric Socket 5mm	CHBS12N	3/8" Drive Hex Bit Metric Socket 10mm
CHBS9N	3/8" Drive Hex Bit Metric Socket 6mm		

mm

3/8" DRIVE 72-TOOTH QUICK RELEASE TEARDROP RATCHET

- 72-tooth ratchet turns fasteners with a 5° swing arc
- Teardrop low profile head for improved access
- Flush-mounted on/off switch allow better access in tight spaces
- Quick release allows for fast socket exchanges
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Head Width	Head Thickness	Tooth Count	Repair Kit	Product Weight
CR38	8.5 in	1.22 in	0.50 in	72	None	0.985 lb

3/8" DRIVE

3/8" DRIVE 72-TOOTH QUICK RELEASE DUAL MATERIAL TEARDROP RATCHETS

- 72-tooth ratchet turns fasteners with a 5° swing arc
- Quick-release design allows for rapid socket removal
- Teardrop head for improved access
- Manufactured from chrome vanadium alloy steel for better strength and longer tool life
- Dual material comfort grip handle
- Nickel chrome plated for long-lasting protection
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Head Width	Tooth Count	Repair Kit	Product Weight
CRW7	8.46 in	1.42 in	72	None	0.88 lb

3/8" DRIVE

3/8" DRIVE 72-TOOTH QUICK RELEASE FLEX HEAD TEARDROP RATCHETS

- 72-tooth ratchet turns fasteners with a 5° swing arc
- Flexible head provides access for hard to reach fasteners
- Quick-release design allows for rapid socket removal
- Teardrop head for improved access
- Manufactured from chrome vanadium alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Head Width	Tooth Count	Repair Kit	Product Weight
CRW10	11.34 in	1.38 in	72	None	1.09 lb

3/8" DRIVE 72-TOOTH QUICK RELEASE STUBBY TEARDROP RATCHETS

- 72-tooth ratchet turns fasteners with a 5° swing arc
- Stubby handle length for when clearance is limited
- Quick-release design allows for rapid socket removal
- Teardrop head for improved access
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Head Width	Tooth Count	Repair Kit	Product Weight
CRW11	4.57 in	1.42 in	72	None	0.59 lb

3/8" DRIVE FLEX HANDLE/ BREAKER BAR

- Flexible head for better access
- Long handle for greater torque
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Product Weight
CRW15N	10.0 in	0.770 lb

3/8" DRIVE EXTENSIONS

- Provides additional access to reach fasteners compared to using a stand alone socket and ratchet
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Ball detent for secure socket retention
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Wobble	Product Weight
CDTA8C	3.0 in	No	0.180 lb
CDTA9C	6.0 in	No	0.340 lb
CDTA10C	10.0 in	No	0.540 lb

3 PC. 3/8" DRIVE EXTENSION SET

Cat. No.	Product Weight
CDTA15C	1.040 lb

Cat. No.	Description
CDTA8C	3/8" Drive Extension 3"
CDTA9C	3/8" Drive Extension 6"
CDTA10C	3/8" Drive Extension 10"



3/8" DRIVE ADAPTERS

- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Ball detent for secure socket retention
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Female Drive Size	Male Drive Size	Product Weight
CDTA1C	1.0 in	3/8 in	1/4 in	0.060 lb
CDTA2C	1.44 in	3/8 in	1/2 in	0.110 lb

3/8" DRIVE UNIVERSAL JOINT

- Universal joint gives improved access to hard to reach fasteners
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Ball detent for secure socket retention
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Product Weight
CDTA17C	2.0 in	0.155 lb

3/8" DRIVE 12 POINT STANDARD LENGTH SOCKETS

- Manufactured from chrome alloy steel for better strength and longer tool life
- Off-corner loading technology to virtually eliminate fastener rounding
- Size markings stamped on socket for quick size identification
- Nickel chrome plated for durability
- Meets or exceeds ASME specifications



Cat. No.	SAE/Metric	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Product Weight
CDS23N	SAE	1/4 in	0.65 in	0.35 in	0.95 in	0.15 in	0.30 in	0.070 lb
CDS24N	SAE	5/16 in	0.65 in	0.43 in	0.95 in	0.22 in	0.30 in	0.070 lb
CDS25N	SAE	3/8 in	0.65 in	0.48 in	0.95 in	0.28 in	0.30 in	0.070 lb
CDS26N	SAE	7/16 in	0.65 in	0.58 in	0.95 in	0.35 in	0.30 in	0.070 lb
CDS27N	SAE	1/2 in	0.65 in	0.65 in	0.95 in	0.36 in	0.30 in	0.080 lb
CDS28N	SAE	9/16 in	0.74 in	0.74 in	0.98 in	0.496 in	0.53 in	0.100 lb
CDS29N	SAE	5/8 in	0.78 in	0.78 in	0.98 in	0.562 in	0.53 in	0.110 lb
CDS30N	SAE	11/16 in	0.88 in	0.88 in	1.02 in	0.562 in	0.53 in	0.130 lb
CDS31N	SAE	3/4 in	1 in	1 in	1.13 in	0.657 in	0.65 in	0.150 lb
CDS32N	SAE	13/16 in	1.2 in	1.2 in	1.2 in	0.681 in	0.65 in	0.190 lb
CDS33N	SAE	7/8 in	1.3 in	1.3 in	1.2 in	0.751 in	0.65 in	0.210 lb

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Tough gets the job done.
Smart gets the job done right.
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Cat. No.	SAE/Metric	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Product Weight
CDS37N	Metric	7 mm	0.65 in	0.43 in	0.94 in	0.20 in	0.28 in	0.070 lb
CDS38N	Metric	8 mm	0.65 in	0.49 in	0.94 in	0.27 in	0.28 in	0.070 lb
CDS39N	Metric	9 mm	0.65 in	0.53 in	0.94 in	0.30 in	0.28 in	0.070 lb
CDS40N	Metric	10 mm	0.65 in	0.58 in	0.94 in	0.34 in	0.28 in	0.070 lb
CDS41N	Metric	11 mm	0.65 in	0.65 in	0.94 in	0.34 in	0.28 in	0.070 lb
CDS42N	Metric	12 mm	0.68 in	0.68 in	1 in	0.283 in	0.53 in	0.070 lb
CDS43N	Metric	13 mm	0.74 in	0.74 in	1 in	0.275 in	0.53 in	0.080 lb
CDS44N	Metric	14 mm	0.78 in	0.78 in	1 in	0.496 in	0.53 in	0.100 lb
CDS45N	Metric	15 mm	0.82 in	0.82 in	1 in	0.496 in	0.63 in	0.120 lb
CDS46N	Metric	16 mm	0.87 in	0.87 in	1 in	0.566 in	0.63 in	0.110 lb
CDS47N	Metric	17 mm	0.93 in	0.93 in	1 in	0.566 in	0.63 in	0.140 lb
CDS48N	Metric	18 mm	0.95 in	0.95 in	1 in	0.606 in	0.63 in	0.140 lb
CDS49N	Metric	19 mm	1 in	1 in	1.11 in	0.657 in	0.70 in	0.150 lb
CDS51N	Metric	21 mm	1.2 in	1.2 in	1.2 in	0.688 in	0.70 in	0.190 lb
CDS52N	Metric	22 mm	1.3 in	1.3 in	1.2 in	0.732 in	0.70 in	0.210 lb

3/8" DRIVE 6 POINT DEEP LENGTH SOCKETS

- Manufactured from chrome alloy steel for better strength and longer tool life
- Off-corner loading technology to virtually eliminate fastener rounding
- Size markings stamped on socket for quick size identification
- Nickel chrome plated for durability
- Meets or exceeds ASME specifications



Cat. No.	SAE/Metric	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Product Weight
CDDS23N	SAE	1/4 in	0.67 in	0.45 in	2.5 in	0.15 in	0.35 in	0.140 lb
CDDS24N	SAE	5/16 in	0.67 in	0.48 in	2.5 in	0.22 in	0.68 in	0.130 lb
CDDS25N	SAE	3/8 in	0.67 in	0.58 in	2.5 in	0.28 in	0.68 in	0.150 lb
CDDS26N	SAE	7/16 in	0.66 in	0.66 in	2.5 in	0.30 in	0.68 in	0.140 lb
CDDS27N	SAE	1/2 in	0.73 in	0.73 in	2.5 in	0.30 in	1.13 in	0.190 lb
CDDS28N	SAE	9/16 in	0.77 in	0.77 in	2.5 in	0.30 in	1.13 in	0.200 lb
CDDS29N	SAE	5/8 in	0.86 in	0.86 in	2.5 in	0.30 in	1.13 in	0.240 lb
CDDS30N	SAE	11/16 in	0.92 in	0.92 in	2.5 in	0.30 in	1.13 in	0.280 lb
CDDS31N	SAE	3/4 in	1 in	1 in	2.5 in	0.30 in	1.13 in	0.320 lb
CDDS32N	SAE	13/16 in	1.1 in	1.1 in	2.5 in	0.30 in	1.13 in	0.360 lb
CDDS33N	SAE	7/8 in	1.2 in	1.2 in	2.5 in	0.30 in	1.13 in	0.090 lb
CDDS38N	Metric	8 mm	0.65 in	0.65 in	2.5 in	0.15 in	0.43 in	0.130 lb
CDDS39N	Metric	9 mm	0.65 in	0.65 in	2.5 in	0.22 in	0.43 in	0.140 lb
CDDS40N	Metric	10 mm	0.65 in	0.65 in	2.5 in	0.30 in	0.43 in	0.140 lb
CDDS41N	Metric	11 mm	0.66 in	0.66 in	2.5 in	0.30 in	0.71 in	0.140 lb

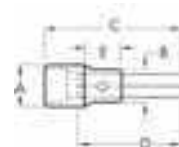
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3/8" DRIVE 6 POINT DEEP LENGTH SOCKETS *[Continued from previous page]*

Cat. No.	SAE/Metric	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Product Weight
CDDS42N	Metric	12 mm	0.73 in	0.73 in	2.5 in	0.30 in	0.71 in	0.170 lb
CDDS43N	Metric	13 mm	0.73 in	0.73 in	2.5 in	0.30 in	1.12 in	0.180 lb
CDDS44N	Metric	14 mm	0.79 in	0.79 in	2.5 in	0.30 in	1.12 in	0.190 lb
CDDS45N	Metric	15 mm	0.81 in	0.81 in	2.5 in	0.30 in	1.12 in	0.210 lb
CDDS46N	Metric	16 mm	0.93 in	0.93 in	2.5 in	0.30 in	1.25 in	0.230 lb
CDDS47N	Metric	17 mm	0.94 in	0.94 in	2.5 in	0.30 in	1.25 in	0.280 lb
CDDS48N	Metric	18 mm	1 in	1 in	2.5 in	0.30 in	1.25 in	0.290 lb
CDDS49N	Metric	19 mm	1 in	1 in	2.5 in	0.30 in	1.25 in	0.310 lb

3/8" DRIVE HEX BIT SOCKETS

- Manufactured from chrome alloy steel for better strength and longer tool life
- Size markings stamped on base for quick size identification
- Insert bits made of S2 steel for strength and durability
- Nickel chrome plated base for durability
- Meets or exceeds ASME specifications

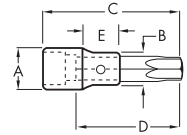


Cat. No.	SAE/Metric	Fastener Size	Dim. A: Drive End	Dim. C: Overall Length	Product Weight
CHBS0N	SAE	1/8 in	0.70 in	1.9 in	0.090 lb
CHBS1N	SAE	5/32 in	0.70 in	1.9 in	0.090 lb
CHBS2N	SAE	3/16 in	0.70 in	1.9 in	0.090 lb
CHBS3N	SAE	7/32 in	0.70 in	1.9 in	0.090 lb
CHBS4N	SAE	1/4 in	0.70 in	1.9 in	0.100 lb
CHBS5N	SAE	5/16 in	0.70 in	1.9 in	0.110 lb
CHBS6N	SAE	3/8 in	0.70 in	1.9 in	0.130 lb
CHBS7N	Metric	4 mm	0.70 in	1.9 in	0.090 lb
CHBS8N	Metric	5 mm	0.70 in	1.9 in	0.090 lb
CHBS9N	Metric	6 mm	0.70 in	1.9 in	0.100 lb
CHBS10N	Metric	7 mm	0.70 in	1.9 in	0.110 lb
CHBS11N	Metric	8 mm	0.70 in	1.9 in	0.110 lb
CHBS12N	Metric	10 mm	0.70 in	1.9 in	0.130 lb

—|—
Tough gets the job done.
Smart gets the job done right.
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3/8" DRIVE TORX® BIT SOCKETS

- Manufactured from chrome alloy steel for better strength and longer tool life
- Size markings stamped on base for quick size identification
- Insert bits made of S2 steel for strength and durability
- Nickel chrome plated base for durability
- Meets or exceeds ASME specifications



Cat. No.	SAE/Metric	Fastener Size	Dim. A: Drive End	Dim. C: Overall Length	Product Weight
CDTS6N	Torx®	T40	0.70 in	1.9 in	0.090 lb
CDTS7N	Torx®	T45	0.70 in	1.9 in	0.110 lb
CDTS8N	Torx®	T47	0.70 in	1.9 in	0.120 lb
CDTS9N	Torx®	T50	0.70 in	1.9 in	0.110 lb
CDTS10N	Torx®	T55	0.70 in	1.9 in	0.120 lb
CDTS11N	Torx®	T60	0.70 in	1.9 in	0.130 lb

3/8" DRIVE 6 POINT SPARK PLUG SOCKETS

- Use with 3/8" square drive hand tool
- Manufactured from chrome alloy steel for better strength and longer tool life
- Off-corner loading technology to virtually eliminate fastener rounding
- Nickel chrome plated for durability
- Meets or exceeds ASME specifications



Cat. No.	SAE/Metric	Drive Type	Fastener Size	Overall Length	Product Weight
CSPS0N	SAE	6 Point	5/8 in	2.5 in	0.230 lb
CSPS1N	SAE	6 Point	3/4 in	2.63 in	0.280 lb
CSPS2N	SAE	6 Point	13/16 in	2.73 in	0.310 lb

3/8" DRIVE

17 PC.

1/2" DRIVE 12 POINT SAE MECHANICS TOOL SET

- 72-tooth ratchet requires only a 5-degree swing arc to turn a fastener
- Teardrop ratchet head for improved access
- Flush-mounted on/off switch allow better access in tight spaces
- Quick release allows for fast socket exchanges
- Sockets feature off-corner loading technology to virtually eliminate fastener rounding
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Insert bits made of S2 steel for strength and durability
- Meets or exceeds ASME and ANSI specifications



Cat. No.	Product Weight		
CSWS11C	2.100 lb		
Cat. No.	Description	Cat. No.	Description
CR12	1/2" Drive 72-Tooth Quick Release Teardrop Ratchet 10"	CDS59N	1/2" Drive 12 Point Standard SAE Socket 13/16"
CDTA11C	1/2" Drive Extension 3"	CDS60N	1/2" Drive 12 Point Standard SAE Socket 7/8"
CDS53N	1/2" Drive 12 Point Standard SAE Socket 7/16"	CDS61N	1/2" Drive 12 Point Standard SAE Socket 15/16"
CDS54N	1/2" Drive 12 Point Standard SAE Socket 1/2"	CDS62N	1/2" Drive 12 Point Standard SAE Socket 1"
CDS55N	1/2" Drive 12 Point Standard SAE Socket 9/16"	CRW25C	1/4" Drive Dual Material Bit Holding Screwdriver Handle
CDS56N	1/2" Drive 12 Point Standard SAE Socket 5/8"	-	#1 Phillips® Insert Bit
CDS57N	1/2" Drive 12 Point Standard SAE Socket 11/16"	-	5/32" Slotted Insert Bit
CDS58N	1/2" Drive 12 Point Standard SAE Socket 3/4"	-	7/32" Slotted Insert Bit



8 PC.

1/2" DRIVE 12 POINT SAE STANDARD LENGTH SOCKET SET

- Manufactured from chrome alloy steel for better strength and longer tool life
- Off-corner loading technology to virtually eliminate fastener rounding
- Size markings stamped on socket for quick size identification
- Nickel chrome plated for durability
- Meets or exceeds ASME specifications



Cat. No.	Included Storage	Product Weight			
CSAS0N	Socket Rail	1.530 lb			
Cat. No.	Description	Qty.	Cat. No.	Description	Qty.
CDS54N	1/2" Drive 12 Point Standard SAE Socket 1/2"	1	CDS58N	1/2" Drive 12 Point Standard SAE Socket 3/4"	1
CDS55N	1/2" Drive 12 Point Standard SAE Socket 9/16"	1	CDS59N	1/2" Drive 12 Point Standard SAE Socket 13/16"	1
CDS56N	1/2" Drive 12 Point Standard SAE Socket 5/8"	1	CDS60N	1/2" Drive 12 Point Standard SAE Socket 7/8"	1
CDS57N	1/2" Drive 12 Point Standard SAE Socket 11/16"	1	CDS61N	1/2" Drive 12 Point Standard SAE Socket 15/16"	1



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Smart gets the job done right.
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8 PC. 1/2" DRIVE 12 POINT METRIC STANDARD LENGTH SOCKET SET



12 mm

Cat. No.	Included Storage	Product Weight				
CSAS1N	Socket Rail	1.320 lb				
Cat. No.	Description	Qty.	Cat. No.	Description	Qty.	
CDS72N	1/2" Drive 12 Point Standard Metric Socket 12mm	1	CDS77N	1/2" Drive 12 Point Standard Metric Socket 17mm	1	
CDS73N	1/2" Drive 12 Point Standard Metric Socket 13mm	1	CDS78N	1/2" Drive 12 Point Standard Metric Socket 18mm	1	
CDS74N	1/2" Drive 12 Point Standard Metric Socket 14mm	1	CDS79N	1/2" Drive 12 Point Standard Metric Socket 19mm	1	
CDS75N	1/2" Drive 12 Point Standard Metric Socket 15mm	1	CDS81N	1/2" Drive 12 Point Standard Metric Socket 21mm	1	

8 PC. 1/2" DRIVE 6 POINT SAE DEEP LENGTH SOCKET SET

- Manufactured from chrome alloy steel for better strength and longer tool life
- Off-corner loading technology to virtually eliminate fastener rounding
- Size markings stamped on socket for quick size identification
- Nickel chrome plated for durability
- Meets or exceeds ASME specifications



6 SAE

Cat. No.	Included Storage	Product Weight				
CSAS2N	Socket Rail	3.020 lb				
Cat. No.	Description	Qty.	Cat. No.	Description	Qty.	
CDDS56N	1/2" Drive 6 Point Deep SAE Socket 1/2"	1	CDDS60N	1/2" Drive 6 Point Deep SAE Socket 3/4"	1	
CDDS57N	1/2" Drive 6 Point Deep SAE Socket 9/16"	1	CDDS61N	1/2" Drive 6 Point Deep SAE Socket 13/16"	1	
CDDS58N	1/2" Drive 6 Point Deep SAE Socket 5/8"	1	CDDS62N	1/2" Drive 6 Point Deep SAE Socket 7/8"	1	
CDDS59N	1/2" Drive 6 Point Deep SAE Socket 11/16"	1	CDDS63N	1/2" Drive 6 Point Deep SAE Socket 15/16"	1	

8 PC. 1/2" DRIVE 6 POINT METRIC DEEP LENGTH SOCKET SET



6 mm

Cat. No.	Included Storage	Product Weight				
CSAS3N	Socket Rail	2.620 lb				
Cat. No.	Description	Qty.	Cat. No.	Description	Qty.	
CDDS71N	1/2" Drive 6 Point Deep Metric Socket 12mm	1	CDDS76N	1/2" Drive 6 Point Deep Metric Socket 17mm	1	
CDDS72N	1/2" Drive 6 Point Deep Metric Socket 13mm	1	CDDS77N	1/2" Drive 6 Point Deep Metric Socket 18mm	1	

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1/2" DRIVE

8 PC. 1/2" DRIVE 6 POINT METRIC DEEP LENGTH SOCKET SET *(Continued from previous page)*

Cat. No.	Description	Qty.	Cat. No.	Description	Qty.
CDDS73N	1/2" Drive 6 Point Deep Metric Socket 14mm	1	CDDS78N	1/2" Drive 6 Point Deep Metric Socket 19mm	1
CDDS74N	1/2" Drive 6 Point Deep Metric Socket 15mm	1	CDDS80N	1/2" Drive 6 Point Deep Metric Socket 21mm	1

7 PC.

1/2" DRIVE METRIC IMPACT HEX BIT SOCKET SET

- Made of Chrome Molybdenum Steel For Durability
- Laser Etched Markings
- Versatile Range of Common Sizes
- Black Oxide Finish
- Impact Grade



Cat. No.	Product Weight				
CIMBS12	2.100 lb				
Cat. No.	Description	Qty.	Cat. No.	Description	Qty.
CDDS71N	1/2" Drive 6 Point Deep Metric Socket 12mm	1	CDDS76N	1/2" Drive 6 Point Deep Metric Socket 17mm	1
CDDS72N	1/2" Drive 6 Point Deep Metric Socket 13mm	1	CDDS77N	1/2" Drive 6 Point Deep Metric Socket 18mm	1
CDDS73N	1/2" Drive 6 Point Deep Metric Socket 14mm	1	CDDS78N	1/2" Drive 6 Point Deep Metric Socket 19mm	1
CDDS74N	1/2" Drive 6 Point Deep Metric Socket 15mm	1	CDDS80N	1/2" Drive 6 Point Deep Metric Socket 21mm	1

mm

1/2" DRIVE 72-TOOTH QUICK RELEASE TEARDROP RATCHET

- 72-tooth ratchet turns fasteners with a 5° swing arc
- Teardrop low profile head for improved access
- Flush-mounted on/off switch allow better access in tight spaces
- Quick release allows for fast socket exchanges
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Head Width	Head Thickness	Tooth Count	Repair Kit	Product Weight
CR12	10.0 in	1.69 in	0.72 in	72	None	1.660 lb

1/2" DRIVE 72-TOOTH QUICK RELEASE DUAL MATERIAL TEARDROP RATCHETS

- 72-tooth ratchet turns fasteners with a 5° swing arc
- Quick-release design allows for rapid socket removal
- Teardrop head for improved access
- Manufactured from chrome vanadium alloy steel for better strength and longer tool life
- Dual material comfort grip handle
- Nickel chrome plated for long-lasting protection
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Head Width	Tooth Count	Repair Kit	Product Weight
CRW13	10.83 in	1.61 in	72	None	1.54 lb

1/2" DRIVE 72-TOOTH QUICK RELEASE FLEX HEAD TEARDROP RATCHETS

- 72-tooth ratchet turns fasteners with a 5° swing arc
- Flexible head provides access for hard to reach fasteners
- Quick-release design allows for rapid socket removal
- Teardrop head for improved access
- Manufactured from chrome vanadium alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Head Width	Tooth Count	Repair Kit	Product Weight
CRW14	12.25 in	1.65 in	72	None	1.77 lb

1/2" DRIVE 72-TOOTH QUICK RELEASE EXTENDABLE TEARDROP RATCHETS

- 72-tooth ratchet turns fasteners with a 5° swing arc
- Extends from 12" to 17.5"
- Quick-release design allows for rapid socket removal
- Teardrop head for improved access
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Head Width	Head Thickness	Tooth Count	Repair Kit	Product Weight
CRW12EXT	17.5 in	1.875 in	.812 in	72	None	1.890 lb

1/2" DRIVE FLEX HANDLE/ BREAKER BAR

- Flexible head for better access
- Long handle for greater torque
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Product Weight
CRW16N	18.0 in	1.810 lb

1/2" DRIVE EXTENSIONS

- Provides additional access to reach fasteners compared to using a stand alone socket and ratchet
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Ball detent for secure socket retention
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Wobble	Product Weight
CDTA11C	3.0 in	No	0.300 lb
CDTA12C	5.0 in	No	0.470 lb
CDTA13C	10.0 in	No	0.870 lb

1/2" DRIVE ADAPTERS

- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Ball detent for secure socket retention
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Female Drive Size	Male Drive Size	Product Weight
CDTA3C	1.38 in	1/2 in	3/8 in	0.130 lb
CDTA4C	1.5 in	1/2 in	3/4 in	0.285 lb

1/2" DRIVE UNIVERSAL JOINT

- Universal joint gives improved access to hard to reach fasteners
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Ball detent for secure socket retention
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Product Weight
CDTA18C	2.875 in	0.340 lb

1/2" DRIVE 12 POINT STANDARD LENGTH SOCKETS

- Manufactured from chrome alloy steel for better strength and longer tool life
- Off-corner loading technology to virtually eliminate fastener rounding
- Size markings stamped on socket for quick size identification
- Nickel chrome plated for durability
- Meets or exceeds ASME specifications



Cat. No.	SAE/Metric	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Product Weight
CDS53N	SAE	7/16 in	0.85 in	0.76 in	1.5 in	0.38 in	0.36 in	0.130 lb
CDS54N	SAE	1/2 in	0.85 in	0.76 in	1.5 in	0.38 in	0.36 in	0.140 lb
CDS55N	SAE	9/16 in	0.85 in	0.84 in	1.5 in	0.38 in	0.36 in	0.130 lb
CDS56N	SAE	5/8 in	0.91 in	0.91 in	1.5 in	0.48 in	0.54 in	0.140 lb
CDS57N	SAE	11/16 in	0.99 in	0.99 in	1.5 in	0.48 in	0.54 in	0.170 lb
CDS58N	SAE	3/4 in	1.06 in	1.06 in	1.5 in	0.661 in	0.80 in	0.190 lb
CDS59N	SAE	13/16 in	1.09 in	1.09 in	1.5 in	0.685 in	0.80 in	0.220 lb
CDS60N	SAE	7/8 in	1.17 in	1.17 in	1.5 in	0.75 in	0.80 in	0.260 lb
CDS61N	SAE	15/16 in	1.27 in	1.27 in	1.5 in	0.755 in	0.80 in	0.290 lb
CDS62N	SAE	1 in	1.30 in	1.3 in	1.5 in	0.826 in	0.80 in	0.360 lb
CDS63N	SAE	1-1/16 in	1.43 in	1.43 in	1.5 in	0.944 in	0.80 in	0.420 lb
CDS64N	SAE	1-1/8 in	1.49 in	1.49 in	1.5 in	0.988 in	0.80 in	0.460 lb
CDS66N	SAE	1-1/4 in	1.65 in	1.65 in	1.5 in	1.129 in	0.80 in	0.580 lb
CDS72N	Metric	12 mm	0.85 in	0.73 in	1.5 in	0.30 in	0.38 in	0.120 lb
CDS73N	Metric	13 mm	0.85 in	0.76 in	1.5 in	0.30 in	0.38 in	0.130 lb
CDS74N	Metric	14 mm	0.85 in	0.83 in	1.5 in	0.37 in	0.38 in	0.130 lb
CDS75N	Metric	15 mm	0.87 in	0.87 in	1.5 in	0.41 in	0.53 in	0.140 lb
CDS76N	Metric	16 mm	0.94 in	0.94 in	1.5 in	0.41 in	0.53 in	0.140 lb
CDS77N	Metric	17 mm	0.94 in	0.94 in	1.5 in	0.43 in	0.53 in	0.170 lb
CDS78N	Metric	18 mm	1.02 in	1.02 in	1.5 in	0.43 in	0.55 in	0.210 lb
CDS79N	Metric	19 mm	1.06 in	1.06 in	1.5 in	0.661 in	0.80 in	0.180 lb
CDS80N	Metric	20 mm	1.1 in	1.10 in	1.5 in	0.685 in	0.80 in	0.230 lb
CDS81N	Metric	21 mm	1.17 in	1.17 in	1.5 in	0.696 in	0.80 in	0.220 lb

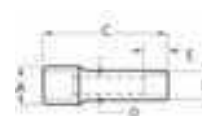
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1/2" DRIVE 12 POINT STANDARD LENGTH SOCKETS *[Continued from previous page]*

Cat. No.	SAE/Metric	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Product Weight
CDS82N	Metric	22 mm	1.17 in	1.17 in	1.5 in	0.740 in	0.80 in	0.250 lb
CDS84N	Metric	24 mm	1.25 in	1.25 in	1.5 in	0.822 in	0.80 in	0.290 lb
CDS87N	Metric	27 mm	1.41 in	1.41 in	1.5 in	0.937 in	0.80 in	0.400 lb

1/2" DRIVE 6 POINT DEEP LENGTH SOCKETS

- Manufactured from chrome alloy steel for better strength and longer tool life
- Off-corner loading technology to virtually eliminate fastener rounding
- Size markings stamped on socket for quick size identification
- Nickel chrome plated for durability
- Meets or exceeds ASME specifications



Cat. No.	SAE/Metric	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Product Weight
CDDS55N	SAE	7/16 in	0.85 in	0.75 in	3.27 in	0.38 in	0.48 in	0.270 lb
CDDS56N	SAE	1/2 in	0.89 in	0.77 in	3.27 in	0.38 in	0.48 in	0.290 lb
CDDS57N	SAE	9/16 in	0.89 in	0.85 in	3.27 in	0.38 in	0.48 in	0.260 lb
CDDS58N	SAE	5/8 in	0.90 in	0.9 in	3.27 in	0.48 in	1.4 in	0.260 lb
CDDS59N	SAE	11/16 in	0.98 in	0.98 in	3.27 in	0.48 in	1.4 in	0.310 lb
CDDS60N	SAE	3/4 in	1.07 in	1.07 in	3.27 in	1.338 in	1.4 in	0.370 lb
CDDS61N	SAE	13/16 in	1.09 in	1.09 in	3.27 in	1.338 in	1.4 in	0.430 lb
CDDS62N	SAE	7/8 in	1.17 in	1.17 in	3.27 in	1.338 in	1.4 in	0.510 lb
CDDS63N	SAE	15/16 in	1.25 in	1.25 in	3.27 in	1.338 in	1.4 in	0.580 lb
CDDS64N	SAE	1 in	1.30 in	1.3 in	3.27 in	1.338 in	1.4 in	0.660 lb
CDDS65N	SAE	1-1/16 in	1.40 in	1.4 in	3.27 in	1.338 in	1.4 in	0.750 lb
CDDS66N	SAE	1-1/8 in	1.48 in	1.48 in	3.27 in	1.338 in	1.4 in	0.860 lb
CDDS67N	SAE	1-1/4 in	1.65 in	1.65 in	3.27 in	1.338 in	1.4 in	1.050 lb
CDDS71N	Metric	12 mm	0.88 in	0.73 in	3.27 in	0.30 in	0.50 in	0.260 lb
CDDS72N	Metric	13 mm	0.88 in	0.77 in	3.27 in	0.30 in	0.50 in	0.280 lb
CDDS73N	Metric	14 mm	0.88 in	0.84 in	3.27 in	0.37 in	0.50 in	0.250 lb
CDDS74N	Metric	15 mm	0.86 in	0.86 in	3.27 in	0.41 in	1.4 in	0.280 lb
CDDS75N	Metric	16 mm	0.93 in	0.93 in	3.27 in	0.41 in	1.4 in	0.260 lb
CDDS76N	Metric	17 mm	0.95 in	0.95 in	3.27 in	0.43 in	1.4 in	0.320 lb
CDDS77N	Metric	18 mm	1.02 in	1.02 in	3.27 in	0.43 in	1.4 in	0.400 lb
CDDS78N	Metric	19 mm	1.06 in	1.06 in	3.27 in	1.338 in	1.4 in	0.370 lb
CDDS80N	Metric	21 mm	1.09 in	1.09 in	3.27 in	1.338 in	1.4 in	0.430 lb

Tough gets the job done.
Smart gets the job done right.

1/2" DRIVE 6 POINT MAGNETIC SPARK PLUG SOCKETS

- Use with 1/2" square drive hand tool
- Manufactured from chrome alloy steel for better strength and longer tool life
- Off-corner loading technology to virtually eliminate fastener rounding
- Magnetic insert holds plug for removal and installation
- Nickel chrome plated for durability
- Meets or exceeds ASME specifications



Cat. No.	SAE/Metric	Drive Type	Fastener Size	Overall Length	Product Weight
CSPS3N	SAE	6 Point	5/8 in	2.5 in	0.220 lb
CSPS4N	SAE	6 Point	13/16 in	2.73 in	0.340 lb

21 PC. 3/4" DRIVE 12 POINT SAE STANDARD MECHANICS TOOL SET

- Contains a carefully selected assortment of tools to handle most large mechanical applications
- Heavy-duty, 45-tooth ratchet with quick release socket retention button to hold sockets securely
- Sockets feature off-corner loading technology to reduce fastener rounding
- Manufactured from chrome alloy steel for better strength and longer tool life
- Includes blow mold case for storage and organization
- Meets or exceeds ANSI and ASME specifications



Cat. No.	Included Storage	Product Weight
CTK21SAEN	Blow Mold Case	26.500 lb

Cat. No.	Description	Cat. No.	Description
CRW19N	3/4" Drive 45-Tooth Quick Release Round Head Ratchet 20"	CDS97N	3/4" Drive 12 Point Standard SAE Socket 1-1/4"
CRW23N	3/4" Drive Full Polish Flex Handle 19"	CDS98N	3/4" Drive 12 Point Standard SAE Socket 1-5/16"
CRW20N	3/4" Drive Extension 4"	CDS99N	3/4" Drive 12 Point Standard SAE Socket 1-3/8"
CRW21N	3/4" Drive Extension 8"	CDS100N	3/4" Drive 12 Point Standard SAE Socket 1-7/16"
CRW22N	3/4" Drive Extension 16"	CDS101N	3/4" Drive 12 Point Standard SAE Socket 1-1/2"
CDS91N	3/4" Drive 12 Point Standard SAE Socket 7/8"	CDS102N	3/4" Drive 12 Point Standard SAE Socket 1-5/8"
CDS92N	3/4" Drive 12 Point Standard SAE Socket 15/16"	CDS104N	3/4" Drive 12 Point Standard SAE Socket 1-3/4"
CDS93N	3/4" Drive 12 Point Standard SAE Socket 1"	CDS105N	3/4" Drive 12 Point Standard SAE Socket 1-13/16"
CDS94N	3/4" Drive 12 Point Standard SAE Socket 1-1/16"	CDS106N	3/4" Drive 12 Point Standard SAE Socket 1-7/8"
CDS95N	3/4" Drive 12 Point Standard SAE Socket 1-1/8"	CDS107N	3/4" Drive 12 Point Standard SAE Socket 2"
-	3/4" Drive 12 Point Standard SAE Socket 1-3/16		

3/4" DRIVE

14 PC.

3/4" DRIVE 12 POINT SAE STANDARD MECHANICS TOOL SET

- Contains a carefully selected assortment of hand tools needed for most industrial, mechanical and consumer applications
- Heavy-duty, 45-tooth ratchet with quick release socket retention button to hold sockets securely
- Sockets feature off-corner loading technology to reduce fastener rounding
- Manufactured from chrome alloy steel for better strength and longer tool life
- Includes blow mold case for storage and organization
- Meets or exceeds ANSI and ASME specifications



Cat. No.	Included Storage	Product Weight
CTK14SAEN	Blow Mold Case	35.500 lb



Cat. No.	Description	Cat. No.	Description
CRW19N	3/4" Drive 45-Tooth Quick Release Round Head Ratchet 20"	CDS95N	3/4" Drive 12 Point Standard SAE Socket 1-1/8"
CRW23N	3/4" Drive Full Polish Flex Handle 19"	CDS97N	3/4" Drive 12 Point Standard SAE Socket 1-1/4"
CRW20N	3/4" Drive Extension 4"	CDS100N	3/4" Drive 12 Point Standard SAE Socket 1-7/16"
CRW21N	3/4" Drive Extension 8"	CDS101N	3/4" Drive 12 Point Standard SAE Socket 1-1/2"
CDS91N	3/4" Drive 12 Point Standard SAE Socket 7/8"	CDS102N	3/4" Drive 12 Point Standard SAE Socket 1-5/8"
CDS92N	3/4" Drive 12 Point Standard SAE Socket 15/16"	CDS104N	3/4" Drive 12 Point Standard SAE Socket 1-3/4"
CDS93N	3/4" Drive 12 Point Standard SAE Socket 1"	CDS107N	3/4" Drive 12 Point Standard SAE Socket 2"

3/4" DRIVE 45-TOOTH QUICK RELEASE ROUND HEAD RATCHETS

- 45-tooth ratchet turns fasteners with a 8° swing arc
- 20" long handle for improved reach, leverage and torque
- Quick-release design allows for rapid socket removal
- Round-shaped head
- Features a knurled grip, providing a non-slip surface
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Head Width	Head Thickness	Tooth Count	Repair Kit	Product Weight
CRW19N	20.0 in	2.7 in	1.7 in	45	None	5.290 lb

—|—
Tough gets the job done.
Smart gets the job done right.
—|—

3/4" DRIVE FLEX HANDLE/BREAKER BAR

- Flexible head for better access
- Long handle for greater torque
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Product Weight
CRW23N	19.0 in	4.230 lb

3/4" DRIVE SLIDING T-HANDLE

- Sliding tang for variable torque
- Long handle for greater torque
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Product Weight
CRW24N	18.0 in	3.110 lb

3/4" DRIVE EXTENSIONS

- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Ball detent for secure socket retention
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Wobble	Product Weight
CRW20N	4.0 in	No	1.050 lb
CRW21N	8.0 in	No	1.620 lb
CRW22N	16.0 in	No	2.990 lb

3/4" DRIVE ADAPTERS

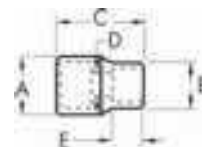
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Ball detent for secure socket retention
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Female Drive Size	Male Drive Size	Product Weight
CDTA5N	1.9 in	3/4 in	1/2 in	0.450 lb

3/4" DRIVE 12 POINT STANDARD LENGTH SOCKETS

- Manufactured from chrome alloy steel for better strength and longer tool life
- Off-corner loading technology to virtually eliminate fastener rounding
- Size markings stamped on socket for quick size identification
- Nickel chrome plated for durability
- Meets or exceeds ASME specifications



Cat. No.	SAE/Metric	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Product Weight
CDS91N	SAE	7/8 in	1.41 in	1.29 in	1.97 in	0.62 in	0.70 in	0.490 lb
CDS92N	SAE	15/16 in	1.41 in	1.39 in	1.97 in	0.66 in	0.70 in	0.500 lb
CDS93N	SAE	1 in	1.41 in	1.41 in	1.97 in	0.590 in	1 in	0.440 lb
CDS94N	SAE	1-1/16 in	1.50 in	1.50 in	2 in	0.944 in	1 in	0.490 lb
CDS95N	SAE	1-1/8 in	1.56 in	1.56 in	2.06 in	0.988 in	1 in	0.530 lb
CDS97N	SAE	1-1/4 in	1.73 in	1.73 in	2.18 in	0.751 in	1 in	0.710 lb
CDS98N	SAE	1-5/16 in	1.80 in	1.80 in	2.18 in	0.767 in	1 in	0.500 lb
CDS99N	SAE	1-3/8 in	1.86 in	1.86 in	2.18 in	0.783 in	1 in	0.830 lb
CDS100N	SAE	1-7/16 in	1.96 in	1.96 in	2.3 in	0.854 in	1.14 in	1.000 lb
CDS101N	SAE	1-1/2 in	2.04 in	2.04 in	2.45 in	0.854 in	1.22 in	1.070 lb
CDS102N	SAE	1-5/8 in	2.20 in	2.2 in	2.6 in	1.003 in	1.36 in	1.410 lb
CDS103N	SAE	1-11/16 in	2.30 in	2.3 in	2.67 in	1.003 in	1.45 in	1.320 lb
CDS104N	SAE	1-3/4 in	2.36 in	2.36 in	2.73 in	1.094 in	1.58 in	1.500 lb
CDS105N	SAE	1-13/16 in	2.45 in	2.45 in	2.84 in	1.129 in	1.60 in	1.520 lb
CDS106N	SAE	1-7/8 in	2.55 in	2.55 in	2.93 in	1.129 in	1.60 in	1.790 lb
CDS107N	SAE	2 in	2.68 in	2.68 in	3 in	1.220 in	1.70 in	1.870 lb

SOCKET RAILS

- Perfect to store, organize, and easily find all your sockets
- Drilled at end for easy attachment to wall, workbench, or drawer
- Yellow color for easy identification
- Includes 14 socket clips



Cat. No.	Drive Size	Color	Overall Length	Number of Clips	Product Weight
CSR0	1/4 in	Blue	17.5 in	14	0.40 lb
CSR1	3/8 in	Red	17.5 in	14	0.44 lb
CSR2	1/2 in	Yellow	17.5 in	14	0.46 lb

8 PC. 1/2" DRIVE 6 POINT STANDARD IMPACT SAE SOCKET SET

- Manufactured from chrome molybdenum alloy steel [CR-MO] for better strength and longer tool life
- Off-corner loading technology to virtually eliminate fastener rounding
- Size markings stamped for quick size identification
- Black phosphate finish for corrosion resistance
- Meets or exceeds ASME specifications



Cat. No.	Included Storage	Product Weight
CIMS0N	Socket Rail	1.850 lb



Cat. No.	Description	Cat. No.	Description
CIMS4N	1/2" Drive 6 Point Standard Impact SAE Socket 7/16"	CIMS8N	1/2" Drive 6 Point Standard Impact SAE Socket 11/16"
CIMS5N	1/2" Drive 6 Point Standard Impact SAE Socket 1/2"	CIMS9N	1/2" Drive 6 Point Standard Impact SAE Socket 3/4"
CIMS6N	1/2" Drive 6 Point Standard Impact SAE Socket 9/16"	CIMS10N	1/2" Drive 6 Point Standard Impact SAE Socket 13/16"
CIMS7N	1/2" Drive 6 Point Standard Impact SAE Socket 5/8"	CIMS11N	1/2" Drive 6 Point Standard Impact SAE Socket 7/8"

8 PC. 1/2" DRIVE 6 POINT STANDARD IMPACT METRIC SOCKET SET

Cat. No.	Included Storage	Product Weight
CIMS1N	Socket Rail	1.830 lb



Cat. No.	Description	Cat. No.	Description
CIMS12N	1/2" Drive 6 Point Standard Impact Metric Socket 12mm	CIMS16N	1/2" Drive 6 Point Standard Impact Metric Socket 17mm
CIMS13N	1/2" Drive 6 Point Standard Impact Metric Socket 13mm	CIMS17N	1/2" Drive 6 Point Standard Impact Metric Socket 18mm
CIMS14N	1/2" Drive 6 Point Standard Impact Metric Socket 14mm	CIMS18N	1/2" Drive 6 Point Standard Impact Metric Socket 19mm
CIMS15N	1/2" Drive 6 Point Standard Impact Metric Socket 15mm	CIMS19N	1/2" Drive 6 Point Standard Impact Metric Socket 21mm



8 PC. 1/2" DRIVE 6 POINT DEEP IMPACT SAE SOCKET SET

- Manufactured from chrome molybdenum alloy steel [CR-MO] for better strength and longer tool life
- Off-corner loading technology to virtually eliminate fastener rounding
- Size markings stamped for quick size identification
- Black oxide finish for corrosion resistance
- Meets or exceeds ASME specifications



Cat. No.	Included Storage	Product Weight			
CIMS2N	Socket Rail	3.780 lb			
Cat. No.	Description	Qty.	Cat. No.	Description	Qty.
CIMS20N	1/2" Drive 6 Point Deep Impact SAE Socket 7/16"	1	CIMS24N	1/2" Drive 6 Point Deep Impact SAE Socket 11/16"	1
CIMS21N	1/2" Drive 6 Point Deep Impact SAE Socket 1/2"	1	CIMS25N	1/2" Drive 6 Point Deep Impact SAE Socket 3/4"	1
CIMS22N	1/2" Drive 6 Point Deep Impact SAE Socket 9/16"	1	CIMS26N	1/2" Drive 6 Point Deep Impact SAE Socket 13/16"	1
CIMS23N	1/2" Drive 6 Point Deep Impact SAE Socket 5/8"	1	CIMS27N	1/2" Drive 6 Point Deep Impact SAE Socket 7/8"	1



8 PC. 1/2" DRIVE 6 POINT DEEP IMPACT METRIC SOCKET SET

Cat. No.	Included Storage	Product Weight			
CIMS3N	Socket Rail	3.650 lb			
Cat. No.	Description	Qty.	Cat. No.	Description	Qty.
CIMS28N	1/2" Drive 6 Point Deep Impact Metric Socket 12mm	1	CIMS32N	1/2" Drive 6 Point Deep Impact Metric Socket 17mm	1
CIMS29N	1/2" Drive 6 Point Deep Impact Metric Socket 13mm	1	CIMS33N	1/2" Drive 6 Point Deep Impact Metric Socket 18mm	1
CIMS30N	1/2" Drive 6 Point Deep Impact Metric Socket 14mm	1	CIMS34N	1/2" Drive 6 Point Deep Impact Metric Socket 19mm	1
CIMS31N	1/2" Drive 6 Point Deep Impact Metric Socket 15mm	1	CIMS35N	1/2" Drive 6 Point Deep Impact Metric Socket 21mm	1



1/2" DRIVE IMPACT EXTENSION

- Manufactured from chrome molybdenum alloy steel [CR-MO] for better strength and longer tool life
- Black oxide finish for corrosion resistance
- Ball detent for secure socket retention
- Meets or exceeds ASME specifications



Cat. No.	Overall Length	Wobble	Product Weight
CIMS3N	5.0 in	No	0.530 lb

Tough gets the job done.
Smart gets the job done right.

1/2" DRIVE IMPACT ADAPTERS

- Manufactured from chrome molybdenum alloy steel [CR-MO] for better strength and longer tool life
- Black oxide finish for corrosion resistance
- Ball detent for secure socket retention
- Meets or exceeds ASME specifications



Cat. No.	Female Drive Size	Male Drive Size	Product Weight
CIMSA2N	1/2 in	3/8 in	0.170 lb
CIMSA1N	1/2 in	3/4 in	0.290 lb

1/2" DRIVE IMPACT UNIVERSAL JOINTS

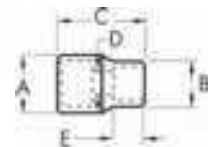
- Universal joint gives improved access to hard to reach fasteners
- Manufactured from chrome molybdenum alloy steel [CR-MO] for better strength and longer tool life
- Black oxide finish for corrosion resistance
- Ball detent for secure socket retention
- Meets or exceeds ASME specifications



Cat. No.	Product Weight
CIMSA4N	0.310 lb

1/2" DRIVE 6 POINT STANDARD IMPACT SOCKETS

- Manufactured from chrome molybdenum alloy steel [CR-MO] for better strength and longer tool life
- Off-corner loading technology to virtually eliminate fastener rounding
- Size markings stamped for quick size identification
- Black phosphate finish for corrosion resistance
- Meets or exceeds ASME specifications



Cat. No.	SAE/Metric	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Product Weight
CIMS4N	SAE	7/16 in	0.98 in	0.66 in	1.62 in	0.33 in	0.5 in	0.200 lb
CIMS5N	SAE	1/2 in	0.98 in	0.72 in	1.62 in	0.33 in	0.5 in	0.200 lb
CIMS6N	SAE	9/16 in	0.98 in	0.98 in	1.62 in	0.43 in	0.5 in	0.200 lb
CIMS7N	SAE	5/8 in	0.98 in	0.98 in	1.62 in	0.43 in	0.5 in	0.190 lb
CIMS8N	SAE	11/16 in	1 in	1 in	1.62 in	0.5 in	0.5 in	0.230 lb
CIMS9N	SAE	3/4 in	1.17 in	1.17 in	1.62 in	0.49 in	0.75 in	0.250 lb

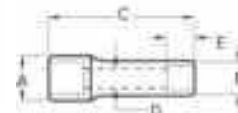
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1/2" DRIVE 6 POINT STANDARD IMPACT SOCKETS *[Continued from previous page]*

Cat. No.	SAE/Metric	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Product Weight
CIMS10N	SAE	13/16 in	1.25 in	1.25 in	1.62 in	0.49 in	0.75 in	0.290 lb
CIMS11N	SAE	7/8 in	1.25 in	1.25 in	1.62 in	0.49 in	0.75 in	0.330 lb
CIMS12N	Metric	12 mm	0.98 in	0.70 in	1.5 in	0.35 in	0.5 in	0.200 lb
CIMS13N	Metric	13 mm	0.98 in	0.70 in	1.5 in	0.35 in	0.54 in	0.190 lb
CIMS14N	Metric	14 mm	0.98 in	0.77 in	1.5 in	0.45 in	0.54 in	0.200 lb
CIMS15N	Metric	15 mm	0.98 in	0.98 in	1.5 in	0.45 in	0.54 in	0.200 lb
CIMS16N	Metric	17 mm	1 in	1 in	1.5 in	0.45 in	0.54 in	0.220 lb
CIMS17N	Metric	18 mm	1.1 in	1.1 in	1.5 in	0.49 in	0.54 in	0.280 lb
CIMS18N	Metric	19 mm	1.17 in	1.17 in	1.5 in	0.49 in	0.75 in	0.250 lb
CIMS19N	Metric	21 mm	1.25 in	1.25 in	1.5 in	0.49 in	0.75 in	0.280 lb

1/2" DRIVE 6 POINT DEEP IMPACT SOCKETS

- Manufactured from chrome molybdenum alloy steel [CR-MQ] for better strength and longer tool life
- Off-corner loading technology to virtually eliminate fastener rounding
- Size markings stamped for quick size identification
- Black phosphate finish for corrosion resistance
- Meets or exceeds ASME specifications



Cat. No.	SAE/Metric	Fastener Size	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length	Dim. D: Bolt Clearance	Dim. E: Wrench Depth	Product Weight
CIMS20N	SAE	7/16 in	0.95 in	0.73 in	3.17 in	0.36 in	0.50 in	0.420 lb
CIMS21N	SAE	1/2 in	0.95 in	0.73 in	3.17 in	0.36 in	0.50 in	0.410 lb
CIMS22N	SAE	9/16 in	0.95 in	0.73 in	3.17 in	0.36 in	1.15 in	0.410 lb
CIMS23N	SAE	5/8 in	0.95 in	0.95 in	3.17 in	0.36 in	1.15 in	0.370 lb
CIMS24N	SAE	11/16 in	0.95 in	0.95 in	3.17 in	0.45 in	1.15 in	0.440 lb
CIMS25N	SAE	3/4 in	1.1 in	1.1 in	3.17 in	0.45 in	1.15 in	0.490 lb
CIMS26N	SAE	13/16 in	1.18 in	1.18 in	3.17 in	0.45 in	1.15 in	0.570 lb
CIMS27N	SAE	7/8 in	1.26 in	1.26 in	3.17 in	0.45 in	1.15 in	0.660 lb
CIMS28N	Metric	12 mm	0.95 in	0.73 in	3.21 in	0.36 in	0.50 in	0.410 lb
CIMS29N	Metric	13 mm	0.95 in	0.73 in	3.21 in	0.36 in	0.50 in	0.410 lb
CIMS30N	Metric	14 mm	0.95 in	0.73 in	3.21 in	0.36 in	1.15 in	0.410 lb
CIMS31N	Metric	15 mm	0.95 in	0.95 in	3.21 in	0.36 in	1.15 in	0.370 lb
CIMS32N	Metric	17 mm	0.95 in	0.95 in	3.21 in	0.45 in	1.15 in	0.450 lb
CIMS33N	Metric	18 mm	1.1 in	1.1 in	3.21 in	0.45 in	1.15 in	0.530 lb
CIMS34N	Metric	19 mm	1.18 in	1.18 in	3.21 in	0.45 in	1.15 in	0.500 lb
CIMS35N	Metric	21 mm	1.26 in	1.26 in	3.21 in	0.45 in	1.15 in	0.560 lb

Tough gets the job done.
Smart gets the job done right.

9 PC.

X10 12 POINT SAE LONG PATTERN COMBINATION WRENCH SET

- Incredible strength and corrosion resistance from specially formulated and heat-treated chrome alloy steel
- Off-corner loading technology on the box-end reduces fastener rounding
- 15 degree box end offset for additional knuckle clearance
- Open end has anti-slip feature for better gripping power on fasteners
- Long pattern design increases both reach and leverage
- Large markings for quick size identification
- Black manganese phosphate finish for extreme corrosion resistance and smooth-ground surfaces to reduce friction
- Includes rack for storage and organization
- Meets or exceeds ASME and ANSI specifications



Cat. No.	Included Storage	Product Weight
CCWS9BS	Wrench Rack	2.380 lb



Cat. No.	Description	Cat. No.	Description
-	1/4" 12 Point Long Pattern Combination Wrench	-	9/16" 12 Point Long Pattern Combination Wrench
-	5/16" 12 Point Long Pattern Combination Wrench	-	5/8" 12 Point Long Pattern Combination Wrench
-	3/8" 12 Point Long Pattern Combination Wrench	-	11/16" 12 Point Long Pattern Combination Wrench
-	7/16" 12 Point Long Pattern Combination Wrench	-	3/4" 12 Point Long Pattern Combination Wrench
-	1/2" 12 Point Long Pattern Combination Wrench		

9 PC.

X10 12 POINT METRIC LONG PATTERN COMBINATION WRENCH SET



Cat. No.	Included Storage	Product Weight
CCWS9BM	Wrench Rack	2.475 lb



Cat. No.	Description	Cat. No.	Description
-	8mm 12 Point Long Pattern Combination Wrench	-	14mm 12 Point Long Pattern Combination Wrench
-	10mm 12 Point Long Pattern Combination Wrench	-	15mm 12 Point Long Pattern Combination Wrench
-	11mm 12 Point Long Pattern Combination Wrench	-	17mm 12 Point Long Pattern Combination Wrench
-	12mm 12 Point Long Pattern Combination Wrench	-	19mm 12 Point Long Pattern Combination Wrench
-	13mm 12 Point Long Pattern Combination Wrench		

12 POINT COMBINATION WRENCHES

- Incredible strength and corrosion resistance from specially formulated and heat-treated chrome alloy steel
- Off-corner loading design on box end provides better grip and reduces fastener rounding
- Sizes stamped on both sides of each wrench for easy identification
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Meets or exceeds ASME and ANSI specifications



Cat. No.	SAE/Metric	Fastener Size	End A Width	End A Thickness	End B Width	End B Thickness	Product Weight
CCW0-05	SAE	1/4 in	0.51 in	0.13 in	0.44 in	0.17 in	0.075 lb
CCW1-05	SAE	5/16 in	0.64 in	0.15 in	.053 in	0.19 in	0.090 lb
CCW3-05	SAE	3/8 in	0.80 in	0.17 in	0.62 in	0.23 in	0.135 lb
CCW4-05	SAE	7/16 in	22.41 in	4.8 in	17.19 in	6.5 in	0.140 lb
CCW5-05	SAE	1/2 in	26.45 in	5.4 in	19.55 in	7.7 in	0.175 lb
CCW6-05	SAE	9/16 in	1.13 in	0.23 in	0.84 in	0.33 in	0.205 lb
CCW7-05	SAE	5/8 in	1.28 in	0.25 in	0.93 in	0.37 in	0.270 lb
CCW8-05	SAE	11/16 in	34.77 in	6.8 in	25.51 in	9.9 in	0.315 lb
CCW9-05	SAE	3/4 in	1.54 in	0.31 in	1.09 in	0.43 in	0.430 lb
CCW10-05	SAE	13/16 in	42.75 in	8.3 in	30.11 in	11.8 in	0.560 lb
CCW11-05	SAE	7/8 in	1.77 in	0.34 in	1.25 in	0.48 in	0.650 lb
CCW12-05	SAE	15/16 in	48.96 in	9.3 in	33.29 in	13.3 in	0.840 lb
CCW13-05	SAE	1 in	2.01 in	0.38 in	1.46 in	0.54 in	0.885 lb
CCW14-05	SAE	1-1/16 in	2.21 in	0.40 in	1.52 in	0.59 in	1.115 lb
CCW15-05	SAE	1-1/8 in	61.1 in	11.1 in	42.41 in	16.3 in	1.430 lb
CCW16-05	SAE	1-1/4 in	66.45 in	11.5 in	45.56 in	16.8 in	1.870 lb
CCW18-05	Metric	7 mm	0.56 in	0.13 in	0.47 in	0.17 in	0.065 lb
CCW19-05	Metric	8 mm	0.64 in	0.15 in	0.53 in	0.19 in	0.085 lb
CCW20-05	Metric	9 mm	0.72 in	0.16 in	0.57 in	0.21 in	0.095 lb
CCW21-05	Metric	10 mm	0.80 in	0.17 in	0.62 in	0.23 in	0.110 lb
CCW22-05	Metric	11 mm	0.88 in	0.19 in	0.68 in	0.26 in	0.140 lb
CCW23-05	Metric	12 mm	0.96 in	0.20 in	0.72 in	0.28 in	0.145 lb
CCW24-05	Metric	13 mm	1.04 in	0.21 in	0.77 in	0.30 in	0.170 lb
CCW25-05	Metric	14 mm	1.13 in	0.23 in	0.84 in	0.33 in	0.195 lb
CCW26-05	Metric	15 mm	1.20 in	0.24 in	0.88 in	0.35 in	0.240 lb
CCW27-05	Metric	16 mm	1.28 in	0.25 in	0.93 in	0.37 in	0.260 lb
CCW28-05	Metric	17 mm	1.37 in	0.27 in	1 in	0.39 in	0.360 lb
CCW29-05	Metric	18 mm	1.45 in	0.29 in	1.04 in	0.41 in	0.415 lb
CCW30-05	Metric	19 mm	1.54 in	0.31 in	1.09 in	0.43 in	0.420 lb
CCW31-05	Metric	20 mm	1.68 in	0.33 in	1.19 in	0.46 in	0.560 lb
CCW32-05	Metric	21 mm	1.68 in	0.33 in	1.19 in	0.46 in	0.515 lb
CCW33	Metric	22 mm	1.77 in	0.34 in	1.25 in	0.48 in	0.64 lb

Tough gets the job done.
Smart gets the job done right.

14 PC. 12 POINT SAE COMBINATION WRENCH SET



Cat. No.	Included Storage	Product Weight
CCWS4-05	Tool Roll	9.655 lb

Cat. No.	Description	Cat. No.	Description
CCW3-05	3/8" 12 Point Combination Wrench	CCW10-05	13/16" 12 Point Combination Wrench
CCW4-05	7/16" 12 Point Combination Wrench	CCW11-05	7/8" 12 Point Combination Wrench
CCW5-05	1/2" 12 Point Combination Wrench	CCW12-05	15/16" 12 Point Combination Wrench
CCW6-05	9/16" 12 Point Combination Wrench	CCW13-05	1" 12 Point Combination Wrench
CCW7-05	5/8" 12 Point Combination Wrench	CCW14-05	1-1/16" 12 Point Combination Wrench
CCW8-05	11/16" 12 Point Combination Wrench	CCW15-05	1-1/8" 12 Point Combination Wrench
CCW9-05	3/4" 12 Point Combination Wrench	CCW16-05	1-1/4" 12 Point Combination Wrench

15 PC. 12 POINT METRIC COMBINATION WRENCH SET



Cat. No.	Included Storage	Product Weight
CCWS5-05	Tool Roll	5.690 lb

Cat. No.	Description	Cat. No.	Description
CCW18-05	7mm 12 Point Combination Wrench	CCW26-05	15mm 12 Point Combination Wrench
CCW19-05	8mm 12 Point Combination Wrench	CCW27-05	16mm 12 Point Combination Wrench
CCW20-05	9mm 12 Point Combination Wrench	CCW28-05	17mm 12 Point Combination Wrench
CCW21-05	10mm 12 Point Combination Wrench	CCW29-05	18mm 12 Point Combination Wrench
CCW22-05	11mm 12 Point Combination Wrench	CCW30-05	19mm 12 Point Combination Wrench
CCW23-05	12mm 12 Point Combination Wrench	CCW31-05	20mm 12 Point Combination Wrench
CCW24-05	13mm 12 Point Combination Wrench	CCW32-05	21mm 12 Point Combination Wrench
CCW25-05	14mm 12 Point Combination Wrench		

10 PC. 12 POINT SAE COMBINATION WRENCH SET



Cat. No.	Included Storage	Product Weight
CCWS2-05	Wrench Rack	2.130 lb



Cat. No.	Description	Cat. No.	Description
CCW0-05	1/4" 12 Point Combination Wrench	CCW5-05	1/2" 12 Point Combination Wrench
CCW1-05	5/16" 12 Point Combination Wrench	CCW6-05	9/16" 12 Point Combination Wrench
-	11/32" 12 Point Combination Wrench	CCW7-05	5/8" 12 Point Combination Wrench
CCW3-05	3/8" 12 Point Combination Wrench	CCW8-05	11/16" 12 Point Combination Wrench
CCW4-05	7/16" 12 Point Combination Wrench	CCW9-05	3/4" 12 Point Combination Wrench

10 PC. 12 POINT METRIC COMBINATION WRENCH SET



Cat. No.	Included Storage	Product Weight
CCWS3-05	Wrench Rack	2.190 lb



Cat. No.	Description	Cat. No.	Description
CCW19-05	8mm 12 Point Combination Wrench	CCW24-05	13mm 12 Point Combination Wrench
CCW20-05	9mm 12 Point Combination Wrench	CCW25-05	14mm 12 Point Combination Wrench
CCW21-05	10mm 12 Point Combination Wrench	CCW26-05	15mm 12 Point Combination Wrench
CCW22-05	11mm 12 Point Combination Wrench	CCW28-05	17mm 12 Point Combination Wrench
CCW23-05	12mm 12 Point Combination Wrench	CCW30-05	19mm 12 Point Combination Wrench

7 PC. 12 POINT SAE COMBINATION WRENCH SET



Cat. No.	Included Storage	Product Weight
CCWSRSAE7	Tool Roll	1.000 lb



Cat. No.	Description	Cat. No.	Description
CCW0	1/4" 12 Point Combination Wrench	CCW4	7/16" 12 Point Combination Wrench
CCW1	5/16" 12 Point Combination Wrench	CCW5	1/2" 12 Point Combination Wrench
-	11/32" 12 Point Combination Wrench	CCW6	9/16" 12 Point Combination Wrench
CCW3	3/8" 12 Point Combination Wrench		

Tough gets the job done.
Smart gets the job done right.

7 PC. 12 POINT METRIC COMBINATION WRENCH SET



12 mm

Cat. No.	Included Storage	Product Weight
CCWSRMM7	Tool Roll	0.970 lb

Cat. No.	Description	Cat. No.	Description
-	6mm 12 Point Combination Wrench	CCW22	11mm 12 Point Combination Wrench
CCW19	8mm 12 Point Combination Wrench	CCW23	12mm 12 Point Combination Wrench
CCW20	9mm 12 Point Combination Wrench	CCW24	13mm 12 Point Combination Wrench
CCW21	10mm 12 Point Combination Wrench		

6 PC. 12 POINT SAE COMBINATION WRENCH SET



12 SAE

Cat. No.	Included Storage	Product Weight
CCWS0-05	Wrench Rack	1.400 lb

Cat. No.	Description	Cat. No.	Description
CCW3-05	3/8" 12 Point Combination Wrench	CCW6-05	9/16" 12 Point Combination Wrench
CCW4-05	7/16" 12 Point Combination Wrench	CCW7-05	5/8" 12 Point Combination Wrench
CCW5-05	1/2" 12 Point Combination Wrench	CCW8-05	11/16" 12 Point Combination Wrench

6 PC. 12 POINT METRIC COMBINATION WRENCH SET



12 mm

Cat. No.	Included Storage	Product Weight
CCWS1-05	Wrench Rack	1.015 lb

Cat. No.	Description	Cat. No.	Description
CCW19-05	8mm 12 Point Combination Wrench	CCW23-05	12mm 12 Point Combination Wrench
CCW20-05	9mm 12 Point Combination Wrench	CCW24-05	13mm 12 Point Combination Wrench
CCW21-05	10mm 12 Point Combination Wrench	CCW25-05	14mm 12 Point Combination Wrench

12 POINT JUMBO COMBINATION WRENCHES

- Incredible strength and corrosion resistance from specially formulated and heat-treated chrome alloy steel
- Off-corner loading design on box end provides better grip and reduces fastener rounding
- Sizes stamped on both sides of each wrench for easy identification
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Meets or exceeds ASME and ANSI specifications



Cat. No.	SAE/Metric	Fastener Size	End A Width	End A Thickness	End B Width	End B Thickness	Product Weight
CJCW0	SAE	1-5/16 in	71 in	14.5 in	49.6 in	21.4 in	2.23 lb
CJCW1	SAE	1-3/8 in	71 in	14.5 in	49.6 in	21.4 in	2.40 lb
CJCW2	SAE	1-7/16 in	78.8 in	15.5 in	55.5 in	23.5 in	3.18 lb
CJCW3	SAE	1-1/2 in	78.8 in	15.5 in	55.5 in	23.5 in	3.34 lb
CJCW4	SAE	1-5/8 in	86.8 in	16.5 in	61 in	24.6 in	4.21 lb
CJCW5	SAE	1-11/16 in	88.6 in	20.1 in	65 in	25.4 in	4.45 lb
CJCW6	SAE	1-3/4 in	88.6 in	20.1 in	65 in	25.4 in	5.27 lb
CJCW7	SAE	1-13/16 in	94 in	21.2 in	69 in	25.4 in	5.51 lb
CJCW8	SAE	1-7/8 in	94 in	21.2 in	69 in	25.4 in	6.68 lb
CJCW9	SAE	2 in	3.94 in	0.85 in	2.93 in	1.04 in	6.61 lb

7 PC. X6™ SAE OPEN END RATCHETING COMBINATION WRENCH SET

- Ratcheting open end turn nuts and bolts without removing the wrench from the fastener
- Universal spline box end fits six common styles of fasteners hex, square, 12 pt., E-Torx®, rounded hex, and spline
- Rapid ratcheting action turns fasteners in tight spaces
- Ergonomic beams let you apply more torque to fasteners
- Laser-etched size markings make identifying the correct tool quick and easy
- Specially formulated and heat-treated chrome alloy steel construction for superior strength and resistance to corrosion
- Meets or exceeds ASME and ANSI specifications
- For fasteners that do not engage the box end of the wrench, the open end may be used



Cat. No.	Included Storage	Product Weight
CX6RWS7	Plastic Tray	2.64 lb



Cat. No.	Description	Cat. No.	Description
-	5/16" X6™ Spline Open End Ratcheting Combination Wrench	-	9/16" X6™ Spline Open End Ratcheting Combination Wrench
-	3/8" X6™ Spline Open End Ratcheting Combination Wrench	-	5/8" X6™ Spline Open End Ratcheting Combination Wrench
-	7/16" X6™ Spline Open End Ratcheting Combination Wrench	-	11/16" X6™ Spline Open End Ratcheting Combination Wrench
-	1/2" X6™ Spline Open End Ratcheting Combination Wrench		

—|—
Tough gets the job done.
Smart gets the job done right.
—|—

7 PC.

X6™ METRIC OPEN END RATCHETING COMBINATION WRENCH SET



mm

Cat. No.	Included Storage	Product Weight
CX6RWM7	Plastic Tray	2.64 lb

Cat. No.	Description	Cat. No.	Description
-	8mm X6™ Spline Open End Ratcheting Combination Wrench	-	14mm X6™ Spline Open End Ratcheting Combination Wrench
-	10mm X6™ Spline Open End Ratcheting Combination Wrench	-	15mm X6™ Spline Open End Ratcheting Combination Wrench
-	12mm X6™ Spline Open End Ratcheting Combination Wrench	-	17mm X6™ Spline Open End Ratcheting Combination Wrench
-	13mm X6™ Spline Open End Ratcheting Combination Wrench		

2 PC.

X6™ 4-IN-1 SAE RATCHETING WRENCH SET

- 5° ratcheting arc lets you turn fasteners in tight spaces
- Universal spline box end fits six common styles of fasteners hex, square, 12 pt., E-Torx®, rounded hex, and spline
- The most versatile wrenches available each X6 can be used on six different styles of fasteners, in four common sizes
- Ergonomic beams let you apply more torque to fasteners
- Specially formulated and heat-treated chrome alloy steel construction for superior strength and resistance to corrosion
- Includes tray for storage and organization
- Some square nuts and bolts may not engage with ratcheting box ends



Cat. No.	Product Weight
CX6DBS2	1.10 lb

SAE

Cat. No.	Description
-	5/16" x 3/8" & 7/16 x 1/2" X6™ 4-in-1 Spline Reversible Ratcheting Wrench
-	9/16" x 5/8" & 11/16 x 3/4" X6™ 4-in-1 Spline Reversible Ratcheting Wrench

2 PC. X6™ 4-IN-1 METRIC RATCHETING WRENCH SET



Cat. No.	Product Weight
CX6DBM2	1.10 lb
Cat. No.	Description
-	8mm x 10mm & 12mm x 13mm X6™ 4-in-1 Spline Reversible Ratcheting Wrench
-	14mm x 15mm & 17mm x 19mm X6™ 4-in-1 Spline Reversible Ratcheting Wrench

mm

3 PC. SAE FLARE NUT WRENCH SET

- Hex shaped heads give more points of contact on the fastener to prevent damage
- Ideal for use on hex nuts made of softer materials
- Manufactured from chrome vanadium steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Sizes stamped on both sides of the wrench beam for quick identification
- Meets or exceeds ASME and ANSI specifications



Cat. No.	Product Weight
CFNWS0-05	0.72 lb
Cat. No.	Description
-	3/8" x 7/16" Double Head Flare Nut Wrench
-	1/2" x 9/16" Double Head Flare Nut Wrench
-	5/8" x 11/16" Double Head Flare Nut Wrench

SAE

3 PC. METRIC FLARE NUT WRENCH SET



Cat. No.	Product Weight
CFNWS1-05	0.72 lb
Cat. No.	Description
-	9mm x 11mm Double Head Flare Nut Wrench
-	10mm x 12mm Double Head Flare Nut Wrench
-	13mm x 14mm Double Head Flare Nut Wrench

mm

Tough gets the job done.
Smart gets the job done right.

10 PC. 3/8" DRIVE SAE FLARE NUT SET

- Hex shaped heads give more points of contact on the fastener to prevent damage
- Ideal for use on hex nuts made of softer materials
- Manufactured from chrome alloy steel for better strength and longer tool life
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Includes socket rail for storage and organization
- Meets or exceeds ASME and ANSI specifications



Cat. No.	Included Storage	Product Weight
CCFWS0N	Socket Rail	1.650 lb

SAE

Cat. No.	Description	Cat. No.	Description
-	3/8" Drive Flare Nut Wrench 3/8"	-	3/8" Drive Flare Nut Wrench 11/16"
-	3/8" Drive Flare Nut Wrench 7/16"	-	3/8" Drive Flare Nut Wrench 3/4"
-	3/8" Drive Flare Nut Wrench 1/2"	-	3/8" Drive Flare Nut Wrench 13/16"
-	3/8" Drive Flare Nut Wrench 9/16"	-	3/8" Drive Flare Nut Wrench 7/8"
-	3/8" Drive Flare Nut Wrench 5/8"	-	3/8" Drive Flare Nut Wrench 1"

10 PC. 3/8" DRIVE METRIC FLARE NUT SET

Cat. No.	Included Storage	Product Weight
CCFWS1N	Socket Rail	1.340 lb

mm

Cat. No.	Description	Cat. No.	Description
-	3/8" Drive Flare Nut Wrench 9mm	-	3/8" Drive Flare Nut Wrench 14mm
-	3/8" Drive Flare Nut Wrench 10mm	-	3/8" Drive Flare Nut Wrench 15mm
-	3/8" Drive Flare Nut Wrench 11mm	-	3/8" Drive Flare Nut Wrench 17mm
-	3/8" Drive Flare Nut Wrench 12mm	-	3/8" Drive Flare Nut Wrench 18mm
-	3/8" Drive Flare Nut Wrench 13mm	-	3/8" Drive Flare Nut Wrench 19mm

3/8" DRIVE MICROMETER TORQUE WRENCH

- Reversible 45-tooth round ratcheting head
- Accuracy within 4% of specified torque target
- Clockwise direction marking on shaft simplifies calibration
- Slide-back adjustment collar lets you set the target torque quickly and easily
- SAE and metric scales on the hand grip and shaft are large and easy to read
- Audible signal alerts you when you reach the target torque
- Bright, full polish chrome finish easily wipes clean and resists corrosion
- Non-slip hand grip is comfortable and adjusts quickly
- Meets or exceeds ASME specifications
- 1 year limited warranty; calibration accuracy warranted for 90 days



Cat. No.	Drive Tang Size	Maximum Torque (Primary Scale)	Primary Scale Increments	Maximum Torque (Alt Scale)	Alt Scale Increments	Head Width	Head Thickness	Overall Length	Product Weight
CRTW38	3/8 in	250 in/lb	1 in/lb	30 Nm	.1 Nm	1.3 in	1.3 in	14.375 in	2.485 lb

1/2" DRIVE MICROMETER TORQUE WRENCH



Cat. No.	Drive Tang Size	Maximum Torque (Primary Scale)	Primary Scale Increments	Maximum Torque (Alt Scale)	Alt Scale Increments	Head Width	Head Thickness	Overall Length	Product Weight
CRTW12	1/2 in	250 ft/lb	1 ft/lb	340 Nm	1.5 Nm	1.625 in	1.8 in	23.25 in	4.200 lb

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Hard work builds a reputation.
Smarts builds a legacy.
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We know it's not just horsepower,
but brainpower that gets the job done right.
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