

# Crescsent Hand Tools Catalogue







CRESCENT NICHOLSON





### TRUSTED BY THE TRADES



## (CRESCENT WISS

Aviation Snips • Shears • Scissors •
Knives Cutters • Rebar Tools

## CRESCENT LUFKIN

Tapes · Wheels · Long Tapes · Squares & Rules · Oil Gauging · Accessories

## CRESCENT NICHOLSON°

Files • Rasps • Sets •
Specialty Files

50

74

6

## (T CRESCENT

Pry Bars • Rennovation Bars •
Nail Pullers





Ever since the introduction of its Crescent Adjustable Wrench in 1907, Crescent is a name trusted by generations of professional tradespeople The Apex Tool Group, LLC, is building on this trust by expanding the Crescent line to include other famous hand tool brands under the Crescent name.

All of these other brands have built remarkable reputations on their own. Together with the Crescent® brand, Crescent Wiss® snips, scissors, shears, and knives, Crescent Lufkin® measuring tapes andrules, and Crescent Nicholson® files and rasps, they offer professional tradespeople a comprehensive number of quality products that they can count on to produce professional results - all under the Crescent banner. With several hundred years of collective experience, Crescent and its supporting brands have proven to be "Trusted by the Trades."



Crescent is part of the umbrella company Apex Tool Group, LLC. With 7.500 employees in over 30 countries and an annual turnover of more than USD 1,3 billion, the Apex Tool Group, headquartered in Sparks, Maryland, is a leading global manufacturer and supplier of high-performance hand and power tools, tool storage, drill chucks, chain and electrical soldering products for industrial, commercial and demanding do-it-yourself applications.

ATG designs, manufactures, markets, and sells proprietary brands, including GEAR-WRENCH®, Crescent®, SATA®, Cleco®, Weller®, and APEX® and also designs and manufactures a number of private label tool brands for retailers. ATG sells its products through direct, retail, professional and trade channels to customers in over 115 countries, and serves a multitude of global markets, including automotive, aerospace, electronics, energy, hardware, industrial, and consumer retail.

Learn more at www.apextoolgroup.com.





## **SELECTION CHARTS**

#### Find the right tool for your job.

Simply find your requirements in the listing. The applicable tools are indicated in the chart.

| SNIPS  | M1R | M2R | M3R | M1X | M2X      | M3X      | M5R | MGR | M7R | MBOSS | M400 | МРСЗ | MPX5 |
|--|-----|-----|-----|-----|----------|----------|-----|-----|-----|-------|------|------|------|
| PAGE NO.   | 11  | 11  | 11  | 13  | 13       | 13       | 14  | 15  | 15  | 15    | 16   | 16   | 16   |
| USE  |     |     |     |     |          |          |     |     |     |       |      |      |      |
| Do-it Yourselfer   | •   | •   | •   | •   | •        | •        | •   | •   | •   | •     | •    | •    | •    |
| Roofer   | •   | •   | •   | •   | •        | •        |     | •   | •   | •     |      | •    | •    |
| Mechanic   | •   | •   | •   | •   | •        | •        |     | •   | •   | •     |      |      |      |
| Autobody Worker  | •   | •   | •   | •   | •        | •        |     | •   | •   | •     |      |      |      |
| Plumber  | •   | •   | •   | •   | •        | •        |     | •   | •   | •     |      |      |      |
| Heating and Cooling Specialist   | •   | •   | •   | •   | •        | •        |     | •   | •   | •     |      |      |      |
| Electrician  | •   | •   | •   | •   | •        | •        |     | •   | •   | •     |      |      |      |
| Vocational Teacher   | •   | •   | •   | •   | •        | •        | •   | •   | •   | •     | •    | •    | •    |
| Maintenance Worker   | •   | •   | •   | •   | •        | •        |     | •   | •   | •     |      |      |      |
|  |     |     |     |     |          | _        |     |     |     |       |      |      |      |
| CUTTING DIRECTION  |     |     |     |     |          |          |     |     |     |       |      |      |      |
| Cuts straight lines and left arcs  | •   |     |     | •   |          |          |     | •   |     |       |      |      |      |
| Cuts straight lines and right arcs   |     | •   |     |     | •        |          |     |     | •   |       |      |      |      |
| Cuts straight lines and right and left arcs                                  |     |     | •   |     |          | •        | •   |     |     | •     | •    | •    | •    |
| HANDED   |     |     |     |     |          |          |     |     |     |       |      |      |      |
| Both   | •   | •   | •   | •   | •        | •        | •   | •   | •   | •     | •    | •    | •    |
|  |     |     |     |     |          |          |     |     |     |       |      |      |      |
| CUTTING CAPACITY   |     |     |     |     |          |          |     |     |     |       |      |      |      |
| Cuts up to 20 gauge low carbon, rolled steel (0,89 mm)                       |     |     |     |     |          |          |     |     |     |       | •    | •    | •    |
| Cuts up to 18 gauge low carbon, rolled steel (1,22 mm)                       | •   | •   | •   | •   | •        | •        |     | •   | •   | •     |      |      |      |
| Cuts up to 16 gauge low carbon, rolled steel (1,65 mm)                       |     |     |     |     |          |          | •   |     |     |       |      |      |      |
| WISS SNIPS FOR SPECIAL JOBS  |     |     |     |     |          |          |     |     |     |       |      |      |      |
| Trimming heavy stock   |     |     |     |     |          |          | •   |     |     | •     |      |      |      |
| Notching heavy stock   |     |     |     |     |          |          | •   |     |     | Ť     |      |      |      |
| Cutting steel strap  |     |     | •   |     |          |          | ·   |     |     |       |      |      |      |
| Cutting aluminium and plastic  |     |     | ·   |     |          |          |     |     |     |       | •    |      |      |
| Cutting metals and other materials like plastic, vinyl, leather, paper, roof |     |     |     |     |          |          |     |     |     |       | ·    |      |      |
| shingles, screen, and much more  |     |     |     |     |          |          |     |     |     |       |      | •    | •    |
| CUTTER HEAD / BLADES   |     |     |     |     |          |          |     |     |     |       |      |      |      |
| Offset blades  |     |     |     |     |          |          |     | •   | •   | •     | •    |      |      |
| Serrated blades  | •   | •   | •   | •   | •        | •        | •   | •   | •   | •     | •    | •    | •    |
|  |     |     |     | _   | <b>-</b> | <u> </u> |     |     |     |       |      |      |      |
| HANDLE   |     |     |     |     |          |          |     |     |     |       |      |      |      |
| Single material non-slip handle  | •   | •   | •   |     |          |          | •   | •   | •   | •     | •    | •    | •    |
| Dual material non-slip handle  |     |     |     |     |          |          |     |     |     |       |      |      |      |

| SHEARS AND<br>SCISSORS   | CW812S | CW10T | CW10TL | CW10TM | CW11TM | CW7T | CWST     | WBTA | W912 | W2D | WZDLH | WZZN | W20SP | W1225HLSP | W20P | W22P | W20W     | W22W     | 166 | 10SN | WHCSZ | WEZSNIPEU |
|--|--------|-------|--------|--------|--------|------|----------|------|------|-----|-------|------|-------|-----------|------|------|----------|----------|-----|------|-------|-----------|
| PAGE NO.   | 19     | 19    | 19     | 19     | 20     | 20   | 20       | 21   | 21   | 22  | 22    | 22   | 22    | 23        | 23   | 23   | 23       | 23       | 24  | 24   | 21    | 22        |
| USE  |        |       |        |        |        |      |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| General use (e.g. paper, card-<br>board, thread, etc.)<br>Special designed for cutting<br>specific materials | •      | •     | •      | •      | •      | •    | •        | •    | •    | •   | •     | •    | •     | •         | •    | •    | •        | •        | •   | •    | •     | •         |
| Cutting rope and twine   |        | •     | •      | •      | •      | •    |          |      | •    |     |       |      |       |           |      |      |          |          |     |      |       |           |
| Cutting leather  |        | •     | •      | •      | •      | •    |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| Cutting plastics   |        | •     | •      | •      | •      | •    |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| Cutting heavy fabric   |        | •     | •      | •      | •      | •    |          |      |      | •   | •     | •    |       |           | •    | •    | •        | <b>•</b> |     |      |       |           |
| Cutting upholstery   |        |       |        |        |        |      |          |      |      | •   | •     | •    |       |           |      | •    | •        | •        |     |      |       |           |
| Cutting composite materials  |        |       |        |        |        |      |          |      |      | •   | •     | •    |       |           | •    | •    | Ť        | ·        |     |      |       |           |
| Cutting carpet   |        |       |        |        |        |      |          |      |      |     |       |      |       |           |      |      | •        | •        |     |      |       |           |
| Cutting drapery  |        |       |        |        |        |      |          |      |      |     |       |      |       |           |      |      | •        | •        |     |      |       |           |
| Cutting wire   |        |       |        |        |        |      | •        |      |      |     |       |      |       |           |      |      |          |          |     |      |       | •         |
| Gardening  |        |       |        |        |        |      |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       | •         |
|  |        |       |        |        |        |      |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| HANDED   |        |       |        |        |        |      |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| Both   | •      |       |        |        | •      | •    | •        | •    | •    | •   |       | •    | •     | •         | •    | •    | •        | •        | •   | •    | •     | •         |
| Left   |        |       | •      |        |        |      |          |      |      |     | •     |      |       |           |      |      |          |          |     |      |       |           |
| Right  |        | •     |        | •      |        |      |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| 3  |        |       |        |        |        |      |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| SIZE   |        |       |        |        |        |      |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| 5 in / 127 mm  |        |       |        |        |        |      | •        |      |      |     |       |      |       |           |      |      |          |          |     |      | •     |           |
| 6-1/4 in / 159 mm  |        |       |        |        |        |      |          |      |      |     |       |      |       |           |      |      |          |          | •   |      |       |           |
| 7 in / 178 mm  |        |       |        |        |        | •    |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| 8 in / 203 mm  |        |       |        |        |        | Ť    |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| 8-1/4 in / 210 mm  |        |       |        |        |        |      |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| 8-1/2 in / 216 mm  |        |       |        |        |        |      |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
|  | •      |       |        |        |        |      |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| 10 in / 254 mm   |        | •     | •      | •      |        |      |          |      | •    | •   | •     |      |       | •         | •    |      | •        |          |     |      |       |           |
| 10-3/8 in / 264 mm   |        |       |        |        |        |      |          |      |      |     |       |      | •     |           |      |      |          |          |     |      |       |           |
| 11 in / 279 mm   |        |       |        |        | •      |      |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| 12 in / 305 mm   |        |       |        |        |        |      |          |      |      |     |       | •    |       |           |      | •    |          | •        |     |      |       |           |
|  | _      |       |        | _      |        |      |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| BLADE MATERIAL   |        |       |        |        |        |      |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| Premium grade stainless steel  | •      |       |        |        |        |      | •        | •    | •    |     |       |      |       |           |      |      |          |          |     |      | •     | •         |
| Hot drop-forged nickel-plated<br>premium grade stainless steel<br>Titanium coated premium                    |        |       |        |        |        |      |          |      |      | •   | •     | •    | •     | •         | •    | •    | •        | •        | •   | •    |       |           |
| grade steel  |        | _     | •      | _      | _      | _    |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| CUTTER HEAD / BLADES   |        |       |        |        |        |      |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| Bottom Serrated  |        |       |        |        |        |      |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
|  | •      |       |        | •      | •      | •    | •        |      | •    |     |       |      |       |           |      |      |          |          |     |      |       |           |
| Smooth   |        | •     | •      |        |        |      |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| Rounded  |        |       |        |        |        |      |          |      |      |     |       |      | •     | •         |      |      |          |          | •   |      |       |           |
| Extra thick blades   |        |       |        |        |        |      |          |      |      |     |       |      |       |           |      |      | •        | •        |     |      |       |           |
|  |        |       |        |        |        |      |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| FEATURES TPR comfort grip handles with soft grip   |        | •     |        |        |        | •    |          |      |      |     |       |      |       |           |      |      |          |          |     |      | •     |           |
| Full metal core  |        |       |        | •      | •      |      |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| Quick release latch with spring-loaded design  |        |       |        |        | •      | •    |          |      |      |     |       |      |       |           |      |      |          |          |     |      |       | •         |
| Take-apart blades  |        |       |        |        |        |      | <u> </u> |      |      |     |       |      |       |           |      |      |          |          |     |      |       |           |
| SET-EASY pivot adjustment  |        |       |        |        |        |      | <b>V</b> |      |      | •   | •     | •    |       |           | •    | •    | <b>A</b> | •        |     | •    | •     |           |
|  |        |       |        |        |        |      |          |      |      | •   | •     | •    |       |           | •    | •    | •        | •        |     | •    | •     |           |
| High leverage  |        |       |        |        |        |      |          |      |      |     |       |      |       | •         | •    | •    | •        | •        |     |      |       |           |



## **NEXT GENERATION WISS SNIPS**

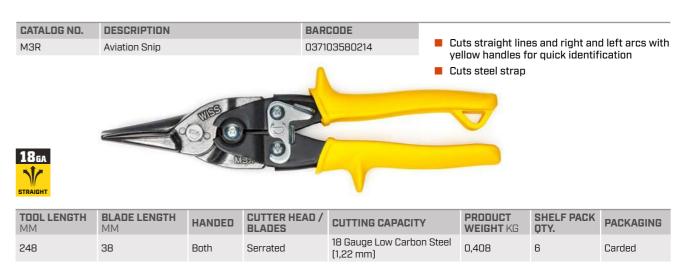
#### Snips made to earn the trust of a new generation.

The New Generation Wiss Snips build off the success of the previous snips line and set the bar even higher: The next generation snips last 60% longer and require 20% less force to cut. That 's why Crescent Wiss is the undisputed leading brand of snips for sheet metal professionals.











## **WISS EDGE AVIATION SNIPS**

- Blade serrations hold material firmly and spread cutting force uniformly across blade edge, improving cut quality and tool life
- Handle design and compound-leverage mechanism make cutting easier and reduce hand fatigue
- Integrated stops make sure the blades open all the way, every time, for maximum length of cut
- Cuts up to 18 gauge low carbon, rolled steel

- Handle latch keeps blades closed during storage or when not in use
- Dual material handle grips provide comfortable grip with builtin hang hook
- Made in the USA









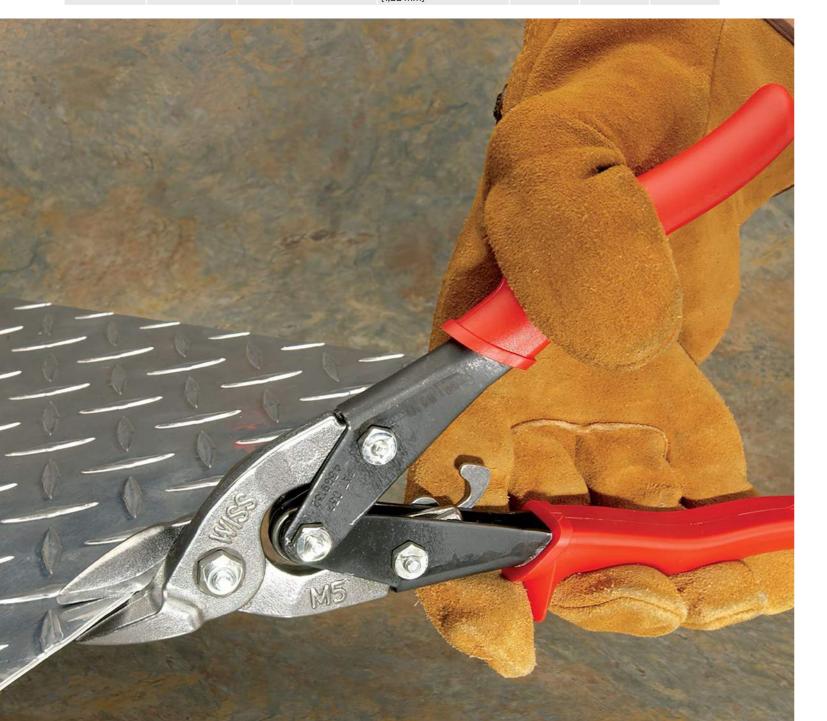


#### M5R BULLDOG AVIATION SNIPS



- Cuts straight lines and right and left arcs with red handles for quick identification
- For notching or trimming extra heavy stock
- Blade serrations hold material firmly and spread cutting force uniformly across blade edge, improving cut quality and tool life
- Cuts up to 16 gauge low carbon, rolled steel
- Withstands strain of cutting heavy stock and tight curves
- Spring-action handle for a faster, effortless feed
- Handle latch keeps blades closed during storage or when not
- Ergonomic, single material non-slip handle grips provide excellent control and easy cleaning with built-in hang hole for convenient storage
- Made in the USA

| TOOL LENGTH | BLADE LENGTH<br>MM | HANDED | CUTTER HEAD /<br>BLADES | CUTTING CAPACITY          | PRODUCT<br>WEIGHT KG | SHELF PACK<br>OTY. | PACKAGING |
|-------------|--------------------|--------|-------------------------|---------------------------|----------------------|--------------------|-----------|
| 235         | 22                 | Both   | Serrated                | 16 Gauge Low Carbon Steel | 0,181                | 6                  | Carded    |



#### **OFFSET AVIATION SNIPS**

- Offset blades keep hands clear of metal while cutting
- Blade serrations hold material firmly and spread cutting force uniformly across blade edge, improving cut quality and tool life

Offset Aviation Snip

CATALOG NO. DESCRIPTION

CATALOG NO.

DESCRIPTION

- Cuts up to 18 gauge low carbon, rolled steel
- Spring-action handle for a faster, effortless feed
- Handle latch keeps blades closed during storage or when not in use

BARCODE

037103583376

- Ergonomic, single material non-slip handle grips provide excellent control and easy cleaning with built-in hang hole for convenient storage
- Made in the USA

■ Cuts straight lines and left arcs with red handles for quick identification

handles for quick identification



| TOOL LENGTH<br>MM | BLADE LENGTH<br>MM | HANDED | CUTTER HEAD /<br>BLADES | CUTTING CAPACITY                       | PRODUCT<br>WEIGHT KG | SHELF PACK<br>QTY. | PACKAGING |
|-------------------|--------------------|--------|-------------------------|--|----------------------|--------------------|-----------|
| 235               | 32                 | Both   | Serrated                | 18 Gauge Low Carbon Steel<br>(1,22 mm) | 0,396                | 6                  | Carded    |



| TOOL LENGTH<br>MM | BLADE LENGTH<br>MM | HANDED | CUTTER HEAD /<br>BLADES | CUTTING CAPACITY                       | PRODUCT<br>WEIGHT KG | SHELF PACK<br>QTY. | PACKAGING |
|-------------------|--------------------|--------|-------------------------|--|----------------------|--------------------|-----------|
| 235               | 32                 | Both   | Serrated                | 18 Gauge Low Carbon Steel<br>(1.22 mm) | 0,396                | 6                  | Carded    |

BARCODE



- Cuts straight lines and right and left arcs with yellow handles for quick identification
- Unique total system design requires 20% less force to cut
- Withstands strain of cutting heavy stock and tight curves

|     |                    |        | _                       |                           |                      |                    |           |
|-----|--------------------|--------|-------------------------|---------------------------|----------------------|--------------------|-----------|
| MM  | BLADE LENGTH<br>MM | HANDED | CUTTER HEAD /<br>BLADES | CUTTING CAPACITY          | PRODUCT<br>WEIGHT KG | SHELF PACK<br>QTY. | PACKAGING |
| 249 | 75                 | Both   | Serrated                | 18 Gauge Low Carbon Steel | 0,453                | 6                  | Carded    |



#### **M400 LONG CUT OFFSET AVIATION SNIPS**



- Cuts straight lines and right and left arcs
- Offset blades keep hands clear of metal while cutting
- Combines long cut of tinner's snips with the strength of compound action
- Blade serrations hold material firmly and spread cutting force uniformly across blade edge, improving cut quality and tool life
- Longer blade length reduces cutting frequency for faster work
- Cuts up to 20 gauge low carbon cold rolled steel, aluminum, and plastic
- Compound action design increases force for improved performance
- 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

| TOOL LENGTH<br>MM | BLADE LENGTH<br>MM |      | BLADES   | CUTTING CAPACITY                       | WEIGHING | SHELF PACK<br>QTY. | PACKAGING |
|-------------------|--------------------|------|----------|--|----------|--------------------|-----------|
| 308               | 75                 | Both | Serrated | 20 Gauge Low Carbon Steel<br>(0,89 mm) | 0,476    | 3                  | Carded    |

#### **MPC3 MULTIPURPOSE SNIPS**



- Cuts straight lines and right and left arcs
- 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

| TOOL LENGTH<br>MM | BLADE LENGTH<br>MM |      | CUTTER HEAD /<br>BLADES | CUTTING CAPACITY                       | PRODUCT<br>WEIGHT KG | SHELF PACK<br>QTY. | PACKAGING |
|-------------------|--------------------|------|-------------------------|--|----------------------|--------------------|-----------|
| 229               | 35                 | Both | Serrated                | 20 Gauge Low Carbon Steel<br>(0,89 mm) | 0,336                | 6                  | Carded    |

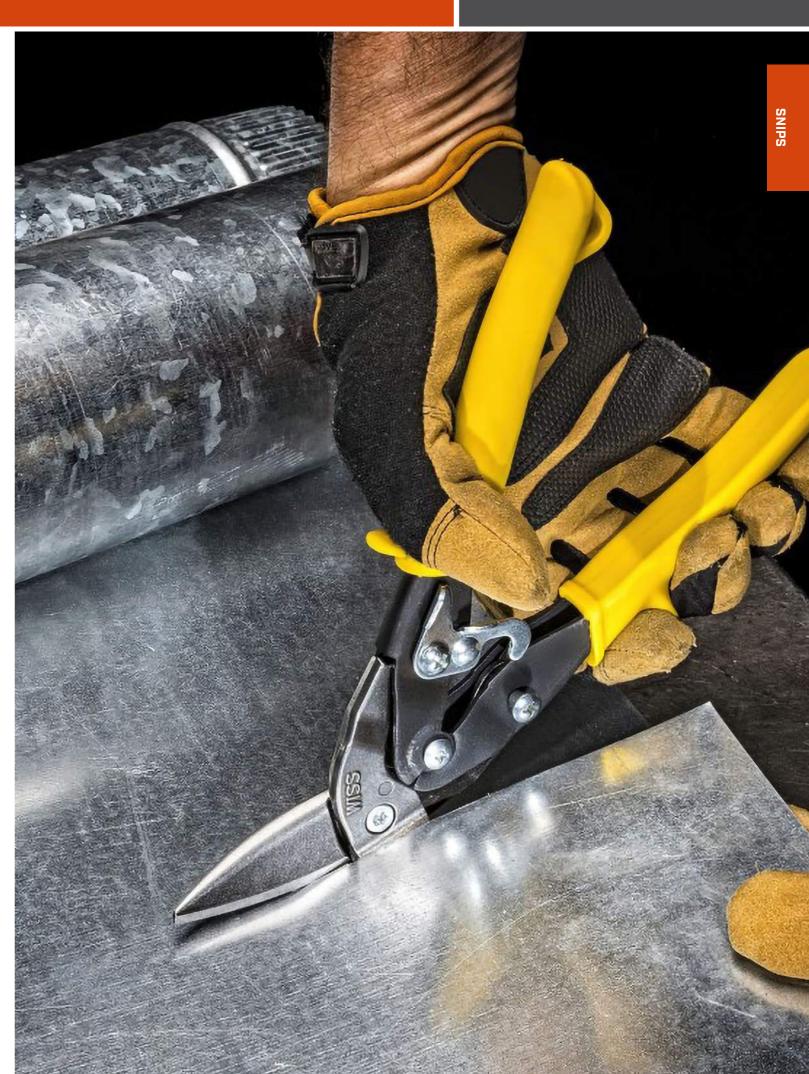
#### **MPX5 MULTI-PURPOSE CUTTER**

CATALOG NO. DESCRIPTION



- Cuts straight lines and right and left arcs
- Blade design includes a twine cutter, wire cutter, bottle opener, and wire bending holes for added versatility
- 3 in 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 of traditional design 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

| TOOL LENGTH<br>MM | BLADE LENGTH<br>MM | HANDED | CUTTER HEAD /<br>BLADES | CUTTING CAPACITY                       | PRODUCT<br>WEIGHT KG | SHELF PACK<br>QTY. | PACKAGING |
|-------------------|--------------------|--------|-------------------------|--|----------------------|--------------------|-----------|
| 279               | 75                 | Both   | Serrated                | 20 Gauge Low Carbon Steel<br>(0,89 mm) | 0,476                | 3                  | Carded    |





# NOT JUST SCISSORS AND SHEARS...

#### Precision cutting tools made for pros.

The new and improved line of Crescent Wiss shears and scissors offers the performance, strength, and durability professional users need. Every scissor and shear has been upgraded with new features that deliver more comfort, superior results, and longer life. High-performance models feature titanium- coated blades for smooth, powerful cuts and several have a full metal core for maximum strength and durability.



#### **HOME & CRAFT SCISSORS**

- 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 and are harder than steel for durability and tool life
- Straight blades can be sharpened
- Hard plastic handles clean easily
- Lightweight

| CATALOG NO. | DESCRIPTION                       | BARCODE      | TOOL<br>LENGTH<br>MM | BLADE<br>LENGTH<br>MM |      |                    | PRODUCT<br>WEIGHT<br>KG | SHELF<br>PACK<br>QTY. | PACKAGING |
|-------------|-----------------------------------|--------------|----------------------|-----------------------|------|--------------------|-------------------------|-----------------------|-----------|
| CW812S      | 8-1/2 in Home & Craft<br>Scissors | 037103333254 | 216                  | 88                    | Both | Bottom<br>Serrated | 0,204                   | 4                     | Carded    |

#### **ALL PURPOSE SCISSORS**

- 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 ae strategically textured using soft-grip TPR to provide best-in-class user comfort and control
- $\hfill \blacksquare$  Cuts paper, cardboard, heavy fabric, rope, leather, plastics, and more

| CATALOG NO. | DESCRIPTION                                   | BARCODE      | TOOL<br>LENGTH<br>MM | BLADE<br>LENGTH<br>MM | HANDED | CUTTER<br>HEAD /<br>BLADES | PRODUCT<br>WEIGHT<br>KG | SHELF<br>PACK<br>QTY. | PACKAGING |
|-------------|---|--------------|----------------------|-----------------------|--------|----------------------------|-------------------------|-----------------------|-----------|
| CW10T       | 10 in Titanium Coated<br>All-Purpose Scissors | 037103333261 | 254                  | 100                   | Right  | Smooth                     | 0,209                   | 4                     | Carded    |
| CW10TL      | 10 in Titanium Coated<br>All-Purpose Scissors | 037103333278 | 254                  | 100                   | Left   | Smooth                     | 0,209                   | 4                     | Carded    |

#### SHOP SHEARS FULLMETAL SCISSORS

- 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
- Cuts paper, cardboard, heavy fabric, rope, leather, plastics, and more

| CATALOG NO. | DESCRIPTION                                   | BARCODE      | TOOL<br>LENGTH<br>MM | BLADE<br>LENGTH<br>MM | HANDED |                    | PRODUCT<br>WEIGHT<br>KG | SHELF<br>PACK<br>QTY. | PACKAGING |
|-------------|---|--------------|----------------------|-----------------------|--------|--------------------|-------------------------|-----------------------|-----------|
| CW10TM      | 10 in Titanium Coated<br>All-Purpose Scissors | 037103333285 | 254                  | 100                   | Right  | Bottom<br>Serrated | 0,209                   | 4                     | Carded    |





#### **SHOP / KITCHEN SHEAR**

- 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 fatique
- 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 increased 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



| CATALOG NO. | DESCRIPTION   | BARCODE      | TOOL<br>LENGTH<br>MM | BLADE<br>LENGTH<br>MM | HANDED |                    | PRODUCT<br>WEIGHT<br>KG | SHELF<br>PACK<br>QTY. | PACKAGING |
|-------------|---|--------------|----------------------|-----------------------|--------|--------------------|-------------------------|-----------------------|-----------|
| CW11TM      | 11 in Single Ring Shop Shear<br>Full Metal Scissors | 037103333292 | 279                  | 100                   | Both   | Bottom<br>Serrated | 0,259                   | 4                     | Carded    |

#### **UTILITY SHEAR**

- 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 provides excellent portability
- Titanium coated blades provide corrosion resistance and are 3X harder than steel for durability and tool life
- Quick release ergonomic 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



| CATALOG NO. | DESCRIPTION          | BARCODE      | TOOL<br>LENGTH<br>MM | BLADE<br>LENGTH<br>MM | HANDED |                    |       | SHELF<br>PACK<br>QTY. | PACKAGING |
|-------------|----------------------|--------------|----------------------|-----------------------|--------|--------------------|-------|-----------------------|-----------|
| CW7T        | 7 in Titanium Coated | 037103333247 | 178                  | 44                    | Both   | Bottom<br>Serrated | 0,295 | 4                     | Carded    |

#### **ELECTRICIAN SCISSORS**

- 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



| CATALOG NO. | DESCRIPTION                    |              |     | BLADE<br>LENGTH<br>MM | HAND-<br>ED | HEAD /             |       |   | PACKAGING |
|-------------|--------------------------------|--------------|-----|-----------------------|-------------|--------------------|-------|---|-----------|
| CW5T        | 5 in Electrician Data Scissors | 037103333230 | 123 | 70                    | Both        | Bottom<br>Serrated | 0,168 | 4 | Carded    |

#### TAKE-APART UTILITY SCISSORS

- Strong, high quality stainless steel blades for corrosion resistance
- Take-apart blades for easy cleaning
- Hard handles are dishwasher safe
- Lightweight



| CATALOG NO. | DESCRIPTION                         | BARCODE      | TOOL LENGTH<br>MM | BLADE LENGTH<br>MM | HANDED | PRODUCT<br>WEIGHT KG | SHELF<br>PACK QTY. | PACKAGING |
|-------------|-------------------------------------|--------------|-------------------|--------------------|--------|----------------------|--------------------|-----------|
| W8TA        | 8 in Take Apart Utility<br>Scissors | 037103211293 | 203               | 100                | Both   | 0,113                | 4                  | Carded    |

#### **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
- Hard plastic handles clean easily
- Lightweight



| CATALOG NO. | DESCRIPTION       | BARCODE      | TOOL LENGTH<br>MM | <b>BLADE LENGTH</b> MM | HANDED | PRODUCT<br>WEIGHT KG | SHELF<br>PACK QTY. | PACKAGING |
|-------------|-------------------|--------------|-------------------|------------------------|--------|----------------------|--------------------|-----------|
| W912        | 10 in Shop Shears | 037103211279 | 254               | 107                    | Both   | 0,147                | 4                  | Carded    |

#### 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
- Lightweight



5 in Sewing Scissors with Soft Touch Handles 8-1/4 in Craft Scissors with Soft Touch Handles

| CATALOG NO. | DESCRIPTION                           | BARCODE      | TOOL LENGTH<br>MM | BLADE LENGTH<br>MM | HANDED | PRODUCT<br>WEIGHT KG | SHELF<br>PACK OTY. | PACKAGING |
|-------------|---------------------------------------|--------------|-------------------|--------------------|--------|----------------------|--------------------|-----------|
| WHCS2       | 2 Pc. Home, Craft,<br>Sew Scissor Set | 037103211316 |                   | 76 and 121         | Both   | 0,201                | 4                  | Carded    |

#### **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



| CATALOG NO. | DESCRIPTION             | BARCODE       | TOOL<br>LENGTH<br>MM | BLADE<br>LENGTH<br>MM | HANDED | CUTTER HEAD<br>/ BLADES   | PRODUCT<br>WEIGHT<br>KG | SHELF<br>PACK<br>QTY. | PACKAGING |
|-------------|-------------------------|---------------|----------------------|-----------------------|--------|---------------------------|-------------------------|-----------------------|-----------|
| WEZSNIPEU   | Easy Snip Utility Shear | 4003019299812 | 216                  | 100                   | Both   | Stainless Steel<br>Blades | 0,138                   | 6                     | Carded    |

#### **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



| CATALOG NO. | DESCRIPTION  | BARCODE      | TOOL<br>LENGTH<br>MM | BLADE<br>LENGTH<br>MM | HANDED | HANDLE<br>STYLE | PRODUCT<br>WEIGHT KG | SHELF<br>PACK QTY. | PACKAGING |
|-------------|--|--------------|----------------------|-----------------------|--------|-----------------|----------------------|--------------------|-----------|
| W20         | 10 in Industrial Shear,<br>Bent Handle               | 037103240132 | 264                  | 121                   | Both   | Bent            | 0,399                | 6                  | Carded    |
| W20LH       | 10 in Industrial Shear,<br>Bent Handle,<br>Left Hand | 037103240187 | 264                  | 125                   | Left   | Bent            | 0,399                | 6                  | Carded    |
| W22N        | 12 in Industrial Shear,<br>Bent Handle               | 037103240200 | 318                  | 150                   | Both   | Bent            | 0,594                | 6                  | Carded    |

#### **DOUBLE ROUNDED SHEARS**

- Precision ground blades for sharper cutting edges and longer blade life
- Hot drop-forged nickel-plated blades are strong and durable
- Blade tips rounded for extra protection
- Handle rings designed to comfortably fit users' hands



| CATALOG NO. | DESCRIPTION                          | BARCODE      | TOOL LENGTH<br>MM | BLADE LENGTH<br>MM | HANDED | PRODUCT<br>WEIGHT KG | SHELF<br>PACK QTY. | PACKAGING |
|-------------|--------------------------------------|--------------|-------------------|--------------------|--------|----------------------|--------------------|-----------|
| W20SP       | 10 - 3/8 in Double<br>Rounded Shears | 037103240156 | 264               | 125                | Both   | 0,399                | 6                  | Carded    |

#### HIGH LEVERAGE INDUSTRIAL SHEARS

- Precision ground blades for sharper cutting edges and longer blade life
- Hot drop-forged nickel-plated blades are strong and durable
- Blade tips rounded for extra protection
- Handle rings designed to comfortably fit users' hands
- Red cushion grip handles provide maximum comfort
- SET-EASY® pivot easily and securely adjusts to user preference



| CATALOG NO | . DESCRIPTION                            | BARCODE      | TOOL LENGTH<br>MM | BLADE LENGTH<br>MM | HANDED | PRODUCT<br>WEIGHT KG | SHELF<br>PACK OTY. | PACKAGING |
|------------|--|--------------|-------------------|--------------------|--------|----------------------|--------------------|-----------|
| W1225HLSP  | 10 in High Leverage<br>Industrial Shears | 037103240170 | 264               | 125                | Both   | 0,399                | 6                  | Carded    |

#### **HEAVY DUTY CUSHION GRIP 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
- Red dipped handle rings designed to comfortably fit users' hands
- Configure the SET-EASY® pivot adjustment to match your preference



| CATALOG NO. | DESCRIPTION   | BARCODE      | TOOL<br>LENGTH<br>MM | BLADE<br>LENGTH<br>MM | HANDED | HANDLE<br>STYLE | PRODUCT<br>WEIGHT<br>KG | SHELF<br>PACK<br>QTY. | PACKAGING |
|-------------|---|--------------|----------------------|-----------------------|--------|-----------------|-------------------------|-----------------------|-----------|
| W20P        | 10 in Industrial Shear,<br>Bent Handle,<br>Cushion Grip | 037103240149 | 264                  | 125                   | Both   | Bent            | 0,399                   | 6                     | Carded    |
| W22P        | 12 in Industrial Shear,<br>Bent Handle,<br>Cushion Grip | 037103240217 | 318                  | 150                   | Both   | Bent            | 0,544                   | 6                     | Carded    |

#### **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

| CATALOG NO. | DESCRIPTION  | BARCODE      | TOOL<br>LENGTH<br>MM | BLADE<br>LENGTH<br>MM | HANDED | PRODUCT<br>WEIGHT<br>KG | SHELF<br>PACK<br>QTY. | PACKAGING |
|-------------|--|--------------|----------------------|-----------------------|--------|-------------------------|-----------------------|-----------|
| W20W        | 10 in Industrial Shear, Bent Handle,<br>Wide Blade | 037103240194 | 264                  | 125                   | Both   | 0,399                   | 6                     | Carded    |
| W22W        | 12 in Industrial Shear, Bent Handle,               | 037103240231 | 318                  | 150                   | Both   | 0,635                   | 6                     | Carded    |

#### **POCKET SCISSORS**

- Blades are a flat pattern with double blunt points
- Hot drop-forged nickel-plated blades and handles are strong and durable
- Ring handle
- Practical pocket size



| CATALOG NO. | DESCRIPTION                   | BARCODE      | TOOL LENGTH<br>MM | <b>BLADE LENGTH</b> MM | HANDED | PRODUCT<br>WEIGHT KG | SHELF<br>PACK OTY. | PACKAGING |
|-------------|-------------------------------|--------------|-------------------|------------------------|--------|----------------------|--------------------|-----------|
| 166         | 6 - 1/4 in Pocket<br>Scissors | 037103580795 | 159               | 70                     | Both   | 0,091                | 6                  | Carded    |

#### **INDUSTRIAL SHEARS**

- 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
- Practical pocket size



| CATALOG NO. | DESCRIPTION                     | BARCODE      | TOOL LENGTH<br>MM | <b>BLADE LENGTH</b> MM | HANDED | PRODUCT<br>WEIGHT KG | SHELF<br>PACK QTY. | PACKAGING |
|-------------|---------------------------------|--------------|-------------------|------------------------|--------|----------------------|--------------------|-----------|
| 1DSN        | 8 - 1/2 in Industrial<br>Shears | 037103223371 | 206               | 70                     | Both   | 0,204                | 6                  | Carded    |

#### **FOLDING POCKET KNIFE**

- Titanium coated stainless steel blade for 3x longer life
- $\hfill \blacksquare$  Dual thumb studs and thumb hole for quick, easy opening
- Liner lock secures blade open Blade features piercing tip with serrated and straight cutting edges for maximum cutting capabilities
- Slim, ergonomic handle designed for maximum comfort
- Reversible belt clip



| CATALOG NO. | DESCRIPTION               | BARCODE      | PRODUCT<br>WEIGHT KG | SHELF<br>PACK QTY. | PACKAGING                 |
|-------------|---------------------------|--------------|----------------------|--------------------|---------------------------|
| WKFPNS1EU   | Wiss Folding Pocket Knife | 037103312891 | 0,155                | 6                  | Blister /<br>Counter Pack |

#### **AUTO-RETRACTING SAFETY UTILITY KNIFE**

- Unlike standard "self-retracting" utility knives, the Wiss Auto-Retracting Safety Knife retracts the blade automatically the moment it loses contact with the material being cut.
- Auto-retract mechanism cannot be overridden under normal use
- Blade retracts when cut is done, even if slider is in the forward position
- Helps reduce workplace injuries, lowering lost time and increasing productivity
- Quick blade change for easy and fast replacement
- Blade storage holds 2 additional blades
- Accepts all standard utility knife blades



| CATALOG NO. | DESCRIPTION                          | BARCODE      | PRODUCT<br>WEIGHT KG | SHELF<br>PACK OTY. | PACKAGING                 |
|-------------|--------------------------------------|--------------|----------------------|--------------------|---------------------------|
| WKAR2EU     | Auto-Retracting Safety Utility Knife | 037103312907 | 0,217                | 6                  | Blister /<br>Counter Pack |

#### **OUICK-CHANGE FOLDING UTILITY KNIFE**

- Built-in blade storage
- Quick blade change for easy and fast replacement
- Compact, ergonomic design and locks in straight position
- Accepts all standard type utility knife blades
- Includes 11 black coated blades (1 loaded, 2 in on board storage, 8 in blade caddy)



| CATALOG NO. | DESCRIPTION                        | BARCODE      | PRODUCT<br>WEIGHT KG | SHELF<br>PACK OTY. | PACKAGING                 |
|-------------|------------------------------------|--------------|----------------------|--------------------|---------------------------|
| WKF2EU      | Quick Change Folding Utility Knife | 037103312914 | 0,272                | 6                  | Blister /<br>Counter Pack |

#### **RATCHET PIPE CUTTER**

- Unique ratcheting design to cut pipes also in tight spaces
- For cutting pipes made of brass, copper, aluminium, pvc and other thinwalled conduit material from diameter 3 mm (1/8 in) up to 29 mm (11/8 in)
- Interior ratchet mechanism rotates 360° inside tool head
- Extra cutting wheel storage in handle (medium and large models only)



| CATALOG NO. | DESCRIPTION                | BARCODE       | <b>FOR PIPE DIAMETER</b> MM | PRODUCT<br>WEIGHT KG | SHELF<br>PACK OTY. | PACKAGING |
|-------------|----------------------------|---------------|-----------------------------|----------------------|--------------------|-----------|
| WRPCLGEU    | Large Ratchet Pipe Cutter  | 4003019299720 | 7,9 - 28,6                  | 0,338                | 3                  | Blister   |
| WRPCMDEU    | Medium Ratchet Pipe Cutter | 4003019299690 | 6,4 - 25,4                  | 0,326                | 3                  | Blister   |
| WRPCSMEU    | Small Ratchet Pipe Cutter  | 4003019299669 | 3,2 - 12,7                  | 0,149                | 3                  | Blister   |

## SINITTI

#### **3-BLADE HAND 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



| CATALOG NO. | DESCRIPTION          | BARCODE      | TOOL LENGTH<br>MM | THROATH DEPTH<br>MM | PRODUCT<br>WEIGHT KG | SHELF<br>PACK QTY. | PACKAGING |
|-------------|----------------------|--------------|-------------------|---------------------|----------------------|--------------------|-----------|
| WC3SN       | 3-Blade Hand Crimper | 037103308597 | 248               | 31                  | 0,368                | 3                  | Carded    |

#### **5-BLADE HAND CRIMPER**

- Crimps heavier gauge pipe up to 22 gauge / 0.79 mm galvanized steel
- 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



| CATALOG NO. | DESCRIPTION          | BARCODE      | TOOL LENGTH<br>MM | THROATH DEPTH<br>MM | PRODUCT<br>WEIGHT KG | SHELF<br>PACK QTY. | PACKAGING |
|-------------|----------------------|--------------|-------------------|---------------------|----------------------|--------------------|-----------|
| WC5LN       | 5-Blade Hand Crimper | 037103308566 | 254               | 41                  | 0,454                | 3                  | Carded    |
| WC5SN       | 5-Blade Hand Crimper | 037103307897 | 248               | 31                  | 0,635                | 3                  | Carded    |

#### **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 in depth markings
- Produces a permanent, tight-fitting seam



| CATALOG NO. | DESCRIPTION                | BARCODE      | TOOL LENGTH<br>MM | JAW WIDTH<br>MM | JAW CAPACITY<br>MM | PRODUCT<br>WEIGHT KG | SHELF<br>PACK OTY. | PACKAGING |
|-------------|----------------------------|--------------|-------------------|-----------------|--------------------|----------------------|--------------------|-----------|
| WS4N        | 3 in Offset Hand<br>Seamer | 037103308559 | 229               | 83              | 6,3 - 31           | 0,635                | 3                  | Carded    |

#### **HAND SEAMERS**

- Used to bend and flatten sheet metal
- Optimal handle span for maximum power and comfortable operating range
- Non-slip cushion grips for superior comfort and control
- 1/4 in depth markings



| CATALOG NO. | DESCRIPTION      | BARCODE      | TOOL LENGTH<br>MM | JAW WIDTH<br>MM | JAW CAPACITY<br>MM |       | SHELF<br>PACK OTY. | PACKAGING |
|-------------|------------------|--------------|-------------------|-----------------|--------------------|-------|--------------------|-----------|
| WS3N        | 3 in Hand Seamer | 037103307880 | 235               | 83              | 6,3 - 31           | 0,608 | 3                  | Carded    |
| WS6N        | 6 in Hand Seamer | 037103308542 | 280               | 152             | 6,3 - 31           | 0,862 | 3                  | Carded    |







#### **SFN**

FRONT / BACK



- Two sided
- Extra-large, contrasting green markings on black blade
- Contrasting colour blocks at each decimeter
- Both edges graduated to millimeters
- Numbered consecutive centimeters

#### SF1

**BLADE STYLES** 

FRONT / BACK

1 2 3 4 5 5 6 € 7 1 8 01229 1 0 11 12 13 14 15 16 17 18 19 2 0 21 22 23 2

- Two sided
- Extra-large black and red markings
- Contrasting colour at each decimeter
- Both edges graduated to millimeters
- Numbered consecutive centimeters

#### SF2

FRONT / BACK



FRONT / BACK



- Yellow clad blade
- Two sided
- Extra-large black and red markings
- Metric bottom edge graduated to millimeters
- Numbered in centimeters
- With larger red numbers at each decimeter
- English top edge to 1/16ths
- Eligibilitop euge to 1/ lotils
- Stud marks every 16 in (40 cm)Truss marks every 19.2 in
- Numbered in inch
- Instantaneous foot readings

#### UK1

#### FRONT



- Yellow clad blade
- Black and red markings
- One side only
- Both edges graduated to millimeters
- Numbered consecutive centimeters
- With larger red numbers at each decimeter

#### UK2

#### FRONT



#### FRON.



- Yellow clad blade
- Black and red markings
- One side only
- Metric bottom edge graduated to millimeters
- Numbered in centimeters

- With red numbers at each decimeter
- English top edge to to 1/16ths
- Numbered in inch
- With red numbers at each feet

#### ED1

#### FRONT



#### BACK



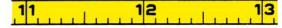
- Yellow blade
- Two sided
- Front side and back side imperial
- Front side for standard measuring and for measuring circumferences of circular objects
- Graduated to 1/32ths
- Numbered in inch
- Back side to infer the diameter from the measured circumference
- Graduated to 1/100ths

#### ED2

#### FRONT



#### BACK



- Yellow blade
- Two sided
- Front side and back side metric
- Front side for standard measuring and for measuring circumferences of circular objects
- Graduated millimeters
- Numbered at each centimeter
- Numbered consecutive centimeters
- Back side to infer the diameter from the measured circumference
- Graduated millimeters
- Numbered at each centimeter
- Numbered consecutive centimeters



#### PW1

#### FRONT

- Yellow clad blade
- One side only
- 6 mm width only
- Black and red markings

- Graduated millimeters
- Numbered at each centimeter
- With larger red numbers at each decimeter

#### PW<sub>2</sub>

#### FRONT

BLADE STYLES

- Yellow clad blade
- One side only
- 6 mm / ¼ in width only
- Metric bottom edge graduated to millimeters
- Numbered in centimeters
- English top edge to to 1/16ths
- Numbered in inch

#### LT1

#### FRONT / BACK

11 21 31 41 20 5 6 7 6 8 1 7 6 8 1 9 0 1 2 2 1 0 1 1 1 1 2 1 3 1 4 2 1 5 1 6 1 7 1 8 1 9 2 0 2 1 1

#### FRONT / BACK

1,815,816,817,818,819,900 911,912,913,914,915,916,917,918,919,1 1 1 1 1 2 3 4 5 6 7 8

- Yellow clad blade
- Two sided
- Black and red markings
- Graduated millimeters
- Numbered at each centimeter
- Numbered consecutive centimeters until
- With larger black numbers at each decimeter
- With larger red numbers at each meter
- Meter indication at each decimeter

#### LT2

#### FRONT

- Yellow clad blade
- Two sided
- Front side metric
- Graduated millimeters
- Numbered at each centimeter
- Numbered consecutive centimeters until each meter
- With larger black numbers at each decimeter
- With larger red numbers at each meter
- Meter indication at each decimeter
- Back side imperial
- Graduated to 1/8ths
- Numbered in inch
- With red numbers at each feet
- Feet indication every 4 inch

#### **NFT**

#### FRONT

FT 5 6 LUTKIN 7 8 NON 9 METALLIC 10 11 1 FT 1 2 3

#### BACK



- Two sided
- Yellow imperial front side
- Graduated to 1/8ths
- Numbered in inch
- With red numbers at each feet
- White metric back side
- Graduated millimeters

- Numbered at each centimeter
- Numbered consecutive centimeters until each meter
- Separators at each decimeter
- With larger red numbers at each meter
- Meter indication at each decimeter

#### FT1

#### FRONT



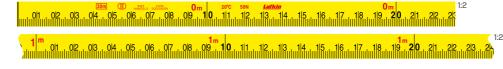
#### FRONT



- Yellow clad blade
- One side only
- Black and red markings
- Graduated millimeters
- Numbered at each centimeter
- Numbered consecutive centimeters until each meter
- With larger black numbers at each decimeter
- With larger red numbers at each meter
- Meter indication at each decimeter

#### FT2

#### FRONT



#### BACK



- Yellow clad blade
- Two sided
- Front side metric
- Graduated millimeters
- Numbered at each centimeter
- Numbered consecutive centimeters until each meter
- With larger black numbers at each decimeter
- With larger red numbers at each meter
- Meter indication at each decimeter
- Back side imperial
- Graduated to 1/8ths
- Numbered in inch
- Feet indication every 4 inch

With red numbers at each feet



#### **LFSSI**

#### FRONT

10 20 30 40 50 60 70 80 90 100 10 20 30 40 50 60 70 80 90 20

- Yellow colour
- Two sided metric
- Top graduated half centimeters
- Bottom graduated millimeters
- Numbered at each centimeter in millimeters
- Numbered consecutively until each decimeter
- With larger red numbers every 100 millimeters (decimeter)

#### LFSME

#### FRONT

BLADE STYLES

10<sup>11</sup>20<sup>11</sup>30 40 50 60 70 80 90 **100** 10 20 30 40 50 60 70 80 90 **2**0

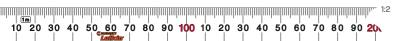
#### BACK



- Yellow colour
- Two sided
- Front side metric
- Top graduated half centimeters
- Bottom graduated millimeters
- Numbered at each centimeter in millimeters
- Numbered consecutively until each decimeter
- With larger red numbers every 100 millimeters (decimeter)
- Back side imperial
- Graduated to 1/16ths
- Numbered in inch
- Numbered consecutively

#### **LFBSI**

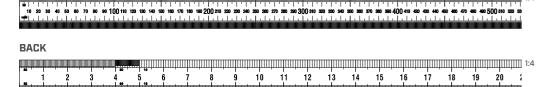
#### FRONT



- White colour
- Two sided metric
- Top graduated half centimeters
- Bottom graduated millimeters
- Numbered at each centimeter in millimeters
- Numbered consecutively until each decimeter
- With larger red numbers every 100 millimeters (decimeter)

#### **SSR**

#### FRONT



- Two sided
- Front side metric
- Top graduated millimeters ■ Bottom graduated half millimeters
- Numbered at each centimeter in millimeters
- Numbered consecutively
- With larger red numbers every 100 millimeters (decimeter)

- Back side imperial
- Graduated to 1/10ths
- Numbered in inch
- With additional graduation to 1/16ths, 1/20ths, 1/32ths, 1/50ths and 1/61ths

#### **A9 YELLOW CLAD**



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

#### **A29 YELLOW CLAD**



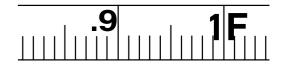
- Yellow clad blade
- Black and red markings one side only
- Graduated feet and inches to 1/16ths, first 12 in
- Instantaneous foot readings
- Stud marks every 16 in, Truss marks every 19.2 in

#### C1 YELLOW CLAD



- Yellow clad blade
- 1/2 in / 13 mm width
- Black and red markings
- Graduated feet and inches to 1/8ths; numbered with feet and instantaneous foot markings in red and inches in black

#### **C6 WHITE CLAD**



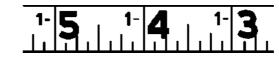
- White clad blade
- 1/2 in / 13 mm width
- Black and red markings
- Graduated millimeters, numbered at each centimeter with red
- Metric scale

#### D1 CHROME CLAD® & NUBIAN®



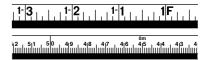
- 1/2 in width only
- Markings one side only
- Graduated instantaneous feet and inches to 1/8ths

#### **D4 CHROME CLAD®** & STAINLESS STEEL



- 1/2 in width only
- Markings one side only
- Graduated feet and inches to 1/8ths
- Instantaneous foot readings

#### **D3 CHROME CLAD® & NUBIAN®**



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

#### **D5 NUBIAN®**



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



#### **D6 CHROME CLAD®**



350, 3|40, 3|30, 3|20, 3|10, 3|00, 2|90, 2|80, 2|70, 2|60, 2

- 1/2 in / 13 mm 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

**D7 NUBIAN®** 



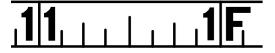
- 1/2 in width only
- Nubian® blade
- Graduated in meters; numbered in millimeters

#### E1 CHROME CLAD® **& YELLOW CLAD**

## **1F**...**1**...**1**

- 1/4 in and 3/8 in 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**



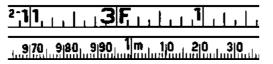
- E3 CHROMEclad® & YELLOW CLAD
- 1/4 in and 3/8 in widths
- Chrome Clad® blade
- Yellow clad available in 1/4 in only
- Black markings one side only
- Graduated feet and inches to 1/8ths with instantaneous readings
- 16 in centers indicated by a diamond symbol on 3/8 in width only

#### E12 CHROME CLAD®



- 1/4 in / 6 mm 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

#### E2 CHROME CLAD®

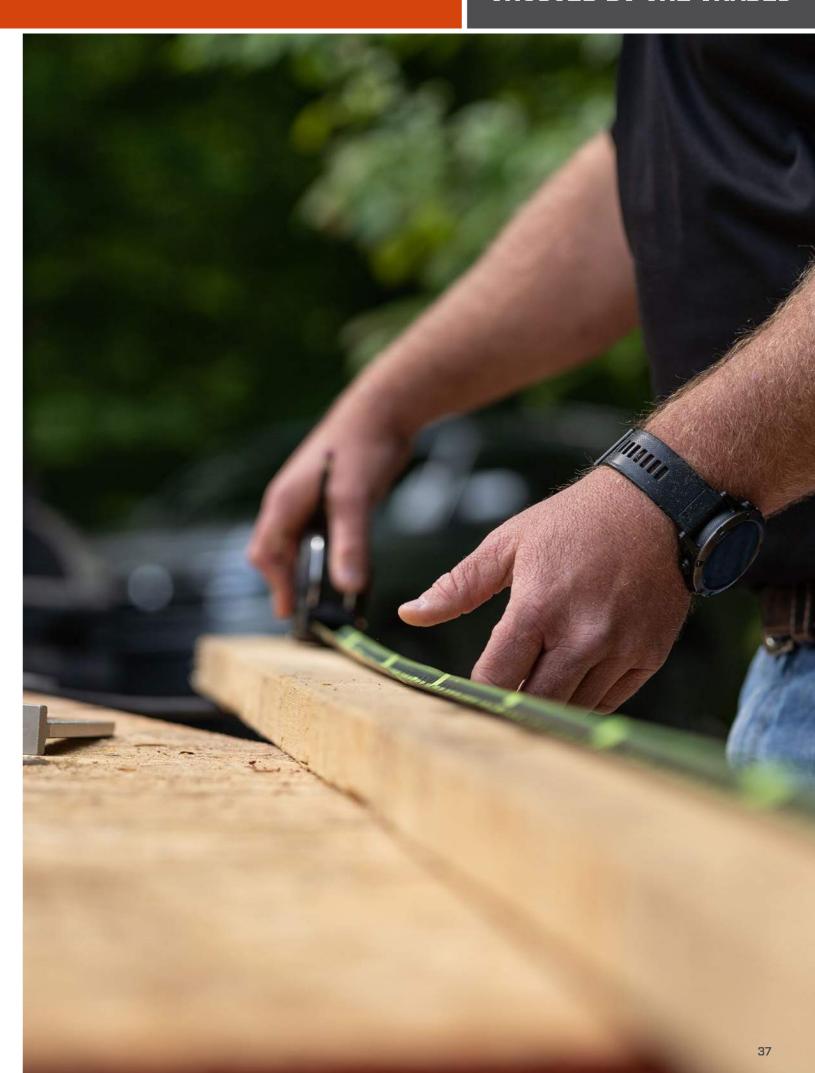


- 1/4 in / 6 mm width only
- Chrome Clad® blade
- Markings on both sides
- Graduated millimeters one side
- Graduated feet, inches and 1/8ths other side

#### E13 CHROME CLAD®



- 1/4 in / 6 mm 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



**POWER TAPES** 

#### CRESCENT LUFKIN SHOCKFORCE™ AND SHOCKFORCE NITE EYE™ MEASURING TAPES

Introducing the toughest tapes to ever hit a jobsite. Shockforce brings new meaning to the term high performance with a full 4,3 m / 14 feet\* of standout and the ability to survive a 30 m / 100-foot drop. Add in a diamond coated 360-degree end hook that delivers 50% more gripping power, a two-sided blade with vertical markings on the back, and class-leading ergonomics and you have a tape that's destined to be the new standard for trade professionals.

But that's not all. There's also the Shockforce Nite Eye, with all the capabilities of the original Shockforce plus the Nite Eye high visibility green-on-matte black blade. Made for superior legibility in any light condition – from bright sun to dim interiors – Shockforce Nite Eye helps you measure even faster.













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#### **Superior Impact Protection** Dual metal guardrails

on both sides of the lock button provide superior protection

High-contrast green markings and matte finish provide improved legibility in all

light conditions

**High Visibility** 

**No-Glare Blade** 



#### Integrated Thru-Hole

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



Best-in-class blade protection, extending blade life 5X vs. standard uncoated blades

#### 360-Degree End Hook

Diamond abrasive-coated, our end hook grips surfaces better to save time when measuring

#### SHOCKFORCE NITE EYE™ TAPE MEASURES

- Matte black nylon-coated blade provides extended product life and improved legibility in varied light conditions
- Diamond-coated end hook grabs material from every direction and prevents slippage
- Narrow blade technology offers reduced weight for carrying
- Optimized drum and spring design provides a compact case that fits comfortably in the palm of your hand
- Drop tested from 30 m / 100 feet for real life, on the job
- Dual-sided blade printed with vertical quick read scale on underside for overhead and hard-to-reach measurements
- Full 4,3 m / 14 feet of standout
- Steel tether point offers increased safety capability when working at height
- Tether point can also be used for scribing and drawing arcs during layout



| TYPE / CODE NO. | BLAD<br>WIDTH | E SIZE<br>LENGTH | WEIGHT g | BLADE STYLE | PACKAGING | SHELF PACK OTY. |
|-----------------|---------------|------------------|----------|-------------|-----------|-----------------|
| L1116BCM        | 30 mm         | 5 m              | 422      | SFN         | Carded    | 4               |
| L1125BCM        | 30 mm         | 8 m              | 549      | SFN         | Carded    | 4               |

#### SHOCKFORCE™ TAPE MEASURES

- Matte nylon-coated blade provides extended product life and glare reduction
- Diamond-coated end hook grabs material from every direction and prevents slippage
- Narrow blade technology offers reduced weight for carrying
- Optimized drum and spring design provides a compact case that fits comfortably in the palm of your hand
- Drop tested from 30 m / 100 feet for real life, on the job
- Dual-sided blade printed with vertical quick read scale on underside for overhead and hard-to-reach measurements
- Full 4,3 m / 14 feet of standout
- Steel tether point offers increased safety capability when
- Tether point can also be used for scribing and drawing arcs during layout



| TYPE / CODE NO. | BLADE SIZE       |            | WEIGHT a | BLADE STYLE | PACKAGING | SHELF PACK OTY. |
|-----------------|------------------|------------|----------|-------------|-----------|-----------------|
| TTPE / GODE NO. | WIDTH            | LENGTH     | WEIGHT 9 | BLADE STYLE | PAGRADING | SHELF PACK UIT. |
| L1116CM         | 30 mm            | 5 m        | 422      | SF1         | Carded    | 4               |
| L1125CM         | 30 mm            | 8 m        | 549      | SF1         | Carded    | 4               |
| L1116CME2       | 30 mm, 1-3/16 in | 5 m, 16 ft | 422      | SF2         | Carded    | 4               |
| L1125CME2       | 30 mm, 1-3/16 in | 8 m, 26 ft | 549      | SF2         | Carded    | 4               |

\* at maximum performance 39



#### **ULTRALOK**

- Chrome-plated lightweight high strength case
- Blade lock holds blade at any length
- Powered blade return
- Built-in shock absorber cushions blade return
- Removable belt clip

MEASURING



| T)/DE  | SORE NO     | BLAD              | E SIZE         | WEIGHT | BLADE | DAGKAGING | SHELF        | REPLACEMENT | 0005 NO     | SHELF        |
|--------|-------------|-------------------|----------------|--------|-------|-----------|--------------|-------------|-------------|--------------|
| TYPE   | CODE NO.    | WIDTH             | LENGTH         | g      | STYLE | PACKAGING | PACK<br>QTY. | BLADE TYPE  | CODE NO.    | PACK<br>QTY. |
| Y23CM  | T0060402304 | 13 mm             | 3 m            | 110    | UK1   | Carded    | 6            | RY23CM      | T0063802304 | 6            |
| Y23CME | T0060402311 | 13 mm /<br>1/2 in | 3 m /<br>10 ft | 110    | UK2   | Carded    | 6            |             |             |              |
| Y25CM  | T0060402504 | 13 mm             | 5 m            | 160    | UK1   | Carded    | 6            | RY25CM      | T0063802504 | 6            |
| Y25CME | T0060402511 | 13 mm /<br>1/2 in | 5 m /<br>16 ft | 160    | UK2   | Carded    | 6            |             |             |              |
| Y35CM  | T0060403504 | 19 mm             | 5 m            | 205    | UK1   | Carded    | 6            | RY35CM      | T0063803504 | 6            |
| Y35CME | T0060403511 | 19 mm /<br>3/4 in | 5 m /<br>16 ft | 205    | UK2   | Carded    | 6            |             |             |              |
| Y38CM  | T0060403804 | 19 mm             | 8 m            | 335    | UK1   | Carded    | 6            | RY38CM      | T0063803804 | 6            |
| Y38CME | T0060403811 | 19 mm /<br>3/4 in | 8 m /<br>26 ft | 335    | UK2   | Carded    | 6            |             |             |              |

#### UNILOK

- Black high strength case
- Blade lock holds blade at any length
- Powered blade return
- Built-in shock absorber cushions blade return
- Removable belt clip



| TVDE     | TVDE CODE NO |                   | BLADE SIZE     |     | BLADE | DAGKAGING | SHELF        | REPLACEMENT | CODE NO     | SHELF        |
|----------|--------------|-------------------|----------------|-----|-------|-----------|--------------|-------------|-------------|--------------|
| TYPE     | CODE NO.     | WIDTH             | LENGTH         | g   | STYLE | PACKAGING | PACK<br>QTY. | BLADE TYPE  | CODE NO.    | PACK<br>QTY. |
| YU823CM  | T0061082304  | 13 mm             | 3 m            | 110 | UK1   | Carded    | 6            | RY23CM      | T0063802304 | 6            |
| YU823CME | T0061082311  | 13 mm /<br>1/2 in | 3 m /<br>10 ft | 110 | UK2   | Carded    | 6            |             |             |              |
| YU835CM  | T0061083504  | 19 mm             | 5 m            | 202 | UK1   | Carded    | 6            | RY35CM      | T0063803504 | 6            |
| YU835CME | T0061083511  | 19 mm/<br>3/4 in  | 5 m /<br>16 ft | 202 | UK2   | Carded    | 6            |             |             |              |
| YU838CM  | T0061083804  | 19 mm             | 8 m            | 323 | UK1   | Carded    | 6            | RY38CM      | T0063803804 | 6            |
| YU838CME | T0061283811  | 19 mm /<br>3/4 in | 8 m /<br>26 ft | 323 | UK2   | Carded    | 6            |             |             |              |

#### **LEGACY SERIES**

- Durable, Mirror-Finish Chrome Case
- Quad-Rivet End Hooks for Increased Durability (Not Available on 3 m Tape)
- Extra-Wide Lock Button for Easy Thumb Actuation
- Hi-Viz® Orange
- Matte Finish, Nylon Coated Blade



| TYPE / CODE NO. | BLADE SIZE |        | WEIGHT a | BLADE STYLE | PACKAGING | SHELF PACK OTY. |
|-----------------|------------|--------|----------|-------------|-----------|-----------------|
| TIFE / CODE NO. | WIDTH      | LENGTH | WEIGHT 9 | BLADE STILE | PACKADING | SHELF PAGK Q11. |
| L912CM          | 19 mm      | 3 m    | 142      | UK1         | Carded    | 6               |
| L916CM          | 25 mm      | 5 m    | 272      | UK1         | Carded    | 6               |
| L925CM          | 25 mm      | 8 m    | 390      | UK1         | Carded    | 6               |

#### **SERIES 500**

- Good value at a low price
- Durable ABS case, contour shape fits comfortably in hand
- Hi-Viz® colour makes it easy to find
- Unique slide lock for easy control
- Triple-riveted (5 m and 8 m) respectively double-riveted (3 m)
- Reinforced end-hook
- Belt clip



| TYPE / CODE NO. | BLADE SIZE |        | WEIGHT a | BLADE STYLE | PACKAGING | SHELF PACK OTY. |
|-----------------|------------|--------|----------|-------------|-----------|-----------------|
|                 | WIDTH      | LENGTH | WEIGHT G | BLADE STILE | PACKAGING | SHELF PACK OIT. |
| L503CM          | 13 mm      | 3 m    | 107      | UK1         | Carded    | 6               |
| L505CM          | 19 mm      | 5 m    | 209      | UK1         | Carded    | 6               |
| L508CM          | 25 mm      | 8 m    | 403      | UK1         | Carded    | 6               |

#### **EXECUTIVE® DIAMETER**

- Designed for measuring diameters of pipe, cable, tire or any circular object
- Polished chrome case
- Zero falls in the same place on each side of the blade
- Model W606PD shows diameter inches to 100ths, W606PM to millimetres
- Yellow clad tape
- Easy-to-read bold graduations on yellow background
- Spring action returns blade to case



| TYPE / CODE NO. | BLAD   | E SIZE<br>LENGTH | WEIGHT g | BLADE STYLE | PACKAGING | SHELF PACK OTY. |
|-----------------|--------|------------------|----------|-------------|-----------|-----------------|
| W606PD          | 1/4 in | 6 ft             | 38       | ED1         | Boxed     | 6               |
| W606PM          | 6 mm   | 2 m              | 38       | ED2         | Boxed     | 6               |



#### **PEE WEE**

MEASURING

- Pocket size ideal for office and home
- High strength case in black
- Power retraction operation
- Blade is not replaceable



| TYPE CODE NO. |             | BLADE SIZE    |             | WEIGHT a | BLADE STYLE  | PACKAGING | SHELF PACK |
|---------------|-------------|---------------|-------------|----------|--------------|-----------|------------|
| ITPE          | CODE NO.    | WIDTH         | LENGTH      | WEIGHT G | BLADE 31 TLE | PACKAGING | QTY.       |
| Y612CM        | T0061561254 | 6 mm          | 2 m         | 30       | PW1          | Boxed     | 25         |
| Y613CM        | T0061561354 | 6 mm          | 3 m         | 40       | PW1          | Boxed     | 25         |
| Y613ME        | -           | 6 mm / 1/4 in | 3 m / 10 ft | 50       | PW2          | Boxed     | 6          |

#### **UNIVERSAL**

- Small and compact
- Blade lock holds blade at any length
- Powered blade return
- High strength case
- With removable belt clip



| TYPE            | CODE NO.    | BLADE SIZE WIDTH LENGTH |                | WEIGHT BLADI | BLADE<br>STYLE | PACKAGING | SHELF       | REPLACEMENT<br>BLADE TYPE | CODE NO.    | SHELF       |
|-----------------|-------------|-------------------------|----------------|--------------|----------------|-----------|-------------|---------------------------|-------------|-------------|
| Y822CM T0061182 | T0061182204 | 13 mm                   |                | 66 UK1       |                | Carded    | <b>QTY.</b> | RY22CM                    | T0063802204 | <b>QTY.</b> |
| Y822CME         | T0061182211 | 13 mm /<br>1/2 in       | 2 m /<br>6 ft  | 66           | UK2            | Carded    | 6           | NTEEGIN                   | 1000000204  | u           |
| Y823CM          | T0061182304 | 13 mm                   | 3 m            | 92           | UK1            | Carded    | 6           | RY23CM                    | T0063802304 | 6           |
| Y823CME         | T0061182311 | 13 mm /<br>1/2 in       | 3 m /<br>10 ft | 92           | UK2            | Carded    | 6           |                           |             |             |

#### **SERIES 500**

- 3:1 gear ratio for fast winding
- Handle tucks away for convenient storage and transport
- Dual material case for added durability. Over mold surround allows for better grip with either hand
- Dual-sided printed blade with nylon coating for product longevity and versatility
- End hook clips into housing to prevent it from catching on items while in storage











| TYPE / CODE NO. | BLAU           | E SIZE       | WEIGHT a | BLADE STYLE | PACKAGING | SHELF PACK OTY. |
|-----------------|----------------|--------------|----------|-------------|-----------|-----------------|
| TTPE / GODE NO. | WIDTH          | LENGTH       | WEIGHT G | BLADE STILE | PACKADING | SHELF PAGK Q11. |
| ST10CM          | 9,6 mm         | 10 m         | 285      | LT1         | Carded    | 5               |
| ST10CME         | 9,6 mm, 3/8 in | 10 m, 33 ft  | 285      | LT2         | Carded    | 5               |
| ST20CM          | 9,6 mm         | 20 m         | 400      | LT1         | Carded    | 5               |
| ST20CME         | 9,6 mm, 3/8 in | 20 m, 66 ft  | 400      | LT2         | Carded    | 5               |
| ST30CM          | 9,6 mm         | 30 m         | 510      | LT1         | Carded    | 5               |
| ST30CME         | 9,6 mm, 3/8 in | 30 m, 100 ft | 510      | LT2         | Carded    | 5               |
|                 |                |              |          |             |           |                 |

#### **NEW FIBERGLASS TAPES**

- 3:1 gear ratio for fast winding
- Handle tucks away for storage and transport
- Durable plastic ring surrounding tapeline and tubular frame sections for added strength. Prevents fiberglass tape from getting dented or
- Large, combination end-hook for versatility and one person use
- Dual sided printed blade with SAE and Engineer scales
- 40+ strand fiberglass to reduce blade stretching which leads to inaccurate measurements









| TYPE / CODE NO  | BLAD          | E SIZE       | WEIGHT a | BLADE STYLE | PACKAGING | SHELF PACK OTY. |
|-----------------|---------------|--------------|----------|-------------|-----------|-----------------|
| TYPE / CODE NO. | WIDTH         | LENGTH       | WEIGHT 9 | BLAUE STYLE | PALKAGING | SHELF PALK UIT. |
| FE30CME         | 13 mm, 1/2 in | 30 m, 100 ft | 810      | NFT         | Carded    | 8               |
| FE60CME         | 13 mm, 1/2 in | 60 m, 200 ft | 1360     | NFT         | Carded    | 4               |
| FE90CME         | 13 mm, 1/2 in | 90 m, 300 ft | 1875     | NFT         | Carded    | 4               |



#### **FRAME TAPES**

- Unique pistol grip design
- Smooth wind-in mechanism
- Compact design fits into a tool chest
- Steel blade will not stretch

MEASURING



| TYPE / CODE NO. | BLAD           | E SIZE        | WEIGHT a | BLADE STYLE | PACKAGING | SHELF PACK OTY. |
|-----------------|----------------|---------------|----------|-------------|-----------|-----------------|
| TTPE/ CODE NO.  | WIDTH          | LENGTH        | WEIGHT G | BLADE STILE | PACKAGING | SHELF PACK UIT. |
| FT30CM          | 13 mm          | 30 m          | 648      | FT1         | Carded    | 6               |
| FT50CM          | 13 mm          | 50 m          | 850      | FT2         | Carded    | 6               |
| FT30CME         | 13 mm / 1/2 in | 30 m / 100 ft | 648      | FT1         | Carded    | 6               |
| FT50CME         | 13 mm / 1/2 in | 50 m / 150 ft | 850      | FT2         | Carded    | 6               |

#### **MEASURING WHEELS**

- Measuring wheel, dual foldable, up to 9999,9 mm
- Wheel diameter 160 mm, calibrated to counter
- Wheel brake and counter reset in handle
- Compact, foldable design
- Rubber molded handle
- Carry bag included Centimeters and Meters



- Reset trigger in handle and counter
- Braking trigger in handle
- Patented hinge mechanism handle for storage, folded size 530 mm
- 5 digit counter measures 10.000 m without resetting, 10 cm steps
- Built in kickstand wheel
- Large 305 mm wheel diameter provides more accurate measurements
- particularly on uneven terrain
- Comfortable handling, total length:
- Centimeters and Meters



| CODE NO. | DESCRIPTION                      | PACKAGING | WHEIGHT g | SHELF<br>PACK<br>QTY. |
|----------|----------------------------------|-----------|-----------|-----------------------|
| MW16MEU  | Measuring<br>Wheel,<br>Ø 160 mm, | Boxed     | 1100      | 4                     |

SHELF DESCRIPTION PACKAGING WHEIGHT CODE NO. Measuring Wheel. MW30MEU 1720 ø 305 mm / 12 in

#### **FOLDING RULE SQUARE EDGE**

- Made of Tough, Durable, Engineered Plastic
- Hard Wearing Measure with Easy-to-Read Markings
- Ideal for Tradesmen, DIY and Professional Users
- Yellow Square Edged Rule with Bold Black Markings



| CODE NO. | LENGTH      | COLOUR | WEIGHT g | BLADE STYLE | PACKAGING | SHELF PACK QTY. |
|----------|-------------|--------|----------|-------------|-----------|-----------------|
| LFSSI    | 1 m         | Yellow | 118      | LFSSI       | Carded    | 6               |
| LFSME    | 1 m / 39 in | Yellow | 118      | LFSME       | Carded    | 6               |

#### **FOLDING RULE BEVELLED EDGE**

- Made of Tough, Durable, Engineered Plastic
- Hard Wearing Measure with Easy-to-Read Markings
- Ideal for Tradesmen, DIY and Professional Users
- White Bevelled Edge Rule with Black and Red Markings



| CODE NO. | LENGTH | COLOUR | WEIGHT g | BLADE STYLE | PACKAGING | SHELF PACK OTY. |  |
|----------|--------|--------|----------|-------------|-----------|-----------------|--|
| LFBSI    | 1 m    | White  | 130      | LFBSI       | Carded    | 6               |  |

#### STAINLESS STEEL RULE

- Rustless Steel, Deeply Etched for Easy Reading
- Upper Edge Subdivided mm and 1/2 mm
- Lower Edge Subdivided 1/8 in, 1/32 in and 1/64 in

| CODE NO. | LENGTH  | COLOUR                              | WEIGHT g | BLADE STYLE | PACKAGING | SHELF PACK OTY. |
|----------|---------|-------------------------------------|----------|-------------|-----------|-----------------|
| LSR150   | 150 mm  | Stainless Steel With Black Markings | 20       | SSR         | Carded    | 25              |
| LSR300   | 300 mm  | Stainless Steel With Black Markings | 50       | SSR         | Carded    | 10              |
| LSR600   | 600 mm  | Stainless Steel With Black Markings | 140      | SSR         | Carded    | 10              |
| LSR1000  | 1000 mm | Stainless Steel With Black Markings | 450      | SSR         | Carded    | 10              |



#### **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 in wide and 0.016 in thick
- Pair of 580 finger rings and a 579 engineer's conversion rule are furnished with tape or replacement line



| TYPE / CODE NO. | ARMS     | BLADE SIZE |        | WEIGHT a | BLADE STYLE | PACKAGING | SHELF PACK |
|-----------------|----------|------------|--------|----------|-------------|-----------|------------|
| ,               | 71111-10 | WIDTH      | LENGTH |          |             |           | QТY.       |
| C1276N          | 4        | 1/4 in     | 100 ft | 1089     | E3          | Carded    | 1          |
| C1278N          | 4        | 1/4 in     | 200 ft | 1678     | E3          | Carded    | 1          |
| C1278DN         | 4        | 1/4 in     | 200 ft | 1678     | E1          | Carded    | 1          |

#### **DERRICK**

MEASURING

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



| TYPE / CODE NO. | BLADE SIZE   |              | WEIGHT a | BLADE STYLE | PACKAGING | SHELF PACK OTY. |
|-----------------|--------------|--------------|----------|-------------|-----------|-----------------|
| TTPE/ GODE NO.  | WIDTH        | LENGTH       | WEIGHT G | BLADE STILE | PAGRADING | SHELF PACK OIT. |
| C2276DN         | 1/4 in       | 100 ft       | 1315     | E1          | Carded    | 1               |
| CD2750MMEN      | 6 mm, 1/4 in | 50 m, 164 ft | 1633     | E13         | Carded    | 1               |
| CD2730DMMN      | 6 mm, 1/4 in | 30 m, 100 ft | 1247     | E12         | Carded    | 1               |
| C2276MEN        | 6 mm, 1/4 in | 30 m, 100 ft | 1361     | E2          | Carded    | 1               |

## ATLAS® CHROME CLAD® / NUBIAN® DOUBLE DUTY

- Heavy-duty frame designed for years of rugged use
- All frames include a grounding strap
- Nubian epoxy coating on a portion of the blade going the entire length of the blade
- For multiple purposes such as clear and darker oils
- Plumb bob must be ordered separately



| TVDE / CODE NO  | DOD CUT | BLAD          | E SIZE       | WEIGHT   | DI ADE CTVI E | DACKACING | CHELE DACK DTV  |
|-----------------|---------|---------------|--------------|----------|---------------|-----------|-----------------|
| TYPE / CODE NO. | BOB CUT | WIDTH         | LENGTH       | WEIGHT g | BLADE STYLE   | PACKAGING | SHELF PACK OTY. |
| CN129012SF5N    | 590     | 1/2 in        | 18 ft        | 726      | D1            | Carded    | 1               |
| CN1290SF590N    | 590     | 1/2 in        | 25 ft        | 726      | D1            | Carded    | 1               |
| CN1291SF590N    | 590     | 1/2 in        | 33 ft        | 862      | D1            | Carded    | 1               |
| CN1293SDF590N   | 590     | 1/2 in        | 50 ft        | 998      | D2            | Carded    | 1               |
| CN1293SF5871N   | 587 1/2 | 1/2 in        | 50 ft        | 1043     | D1            | Carded    | 1               |
| CN1293SF590N    | 590     | 1/2 in        | 50 ft        | 998      | D1            | Carded    | 1               |
| CN1294SF5871N   | 587 1/2 | 1/2 in        | 66 ft        | 1225     | D1            | Carded    | 1               |
| CN1294SF590N    | 590     | 1/2 in        | 66 ft        | 1179     | D1            | Carded    | 1               |
| CN1296SF590N    | 590     | 1/2 in        | 100 ft       | 1615     | D1            | Carded    | 1               |
| CN1290SMEN      | 590     | 13 mm, 1/2 in | 8 m, 26 ft   | 816      | D3            | Carded    | 1               |
| CN1293SMEF59N   | 590     | 13 mm, 1/2 in | 15 m, 50 ft  | 1043     | D3            | Carded    | 1               |
| CN1294SMEF59N   | 590     | 13 mm, 1/2 in | 20 m, 66 ft  | 1179     | D3            | Carded    | 1               |
| CN1295SME590N   | 590     | 13 mm, 1/2 in | 23 m, 75 ft  | 1306     | D3            | Carded    | 1               |
| CN1296SMEF59N   | 590     | 13 mm, 1/2 in | 30 m, 100 ft | 1805     | D3            | Carded    | 1               |
| CN1298SME590N   | 590     | 13 mm, 1/2 in | 38 m, 125 ft | 1905     | D3            | Carded    | 1               |

#### 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
- For every day oil gauging
- Plumb bob must be ordered separately



| TYPE / CODE NO.  | BOB CUT  | BLAD          | E SIZE       | WEIGHT q | BLADE STYLE | PACKAGING | SHELF PACK |
|------------------|----------|---------------|--------------|----------|-------------|-----------|------------|
| I TPE / CODE NO. | DUD CU I | WIDTH         | LENGTH       | WEIGHT G | BLADE STILE | PACKAGING | QTY.       |
| C129012SFN       | 590      | 1/2 in        | 18 ft        | 726      | D4          | Carded    | 1          |
| C1290SF590N      | 590      | 1/2 in        | 25 ft        | 816      | D4          | Carded    | 1          |
| C1291SF590N      | 590      | 1/2 in        | 33 ft        | 862      | D4          | Carded    | 1          |
| C1293SF590N      | 590      | 1/2 in        | 50 ft        | 1043     | D4          | Carded    | 1          |
| C2910MME590N     | 590GM    | 13 mm, 1/2 in | 10 m, 33 ft  | 885      | D6          | Carded    | 1          |
| C2915MME590N     | 590GM    | 13 mm, 1/2 in | 15 m, 50 ft  | 1066     | D6          | Carded    | 1          |
| C2920MME150MN    | 150 mm   | 13 mm, 1/2 in | 20 m, 66 ft  | 1134     | D6          | Carded    | 1          |
| C2920MME590N     | 590GM    | 13 mm, 1/2 in | 20 m, 66 ft  | 1225     | D6          | Carded    | 1          |
| C2930MME590N     | 590GME   | 13 mm, 1/2 in | 30 m, 100 ft | 1792     | D6          | Carded    | 1          |

#### 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



| TYPE / CODE NO. | BOB CUT  | BLADE SIZE    |             | WEIGHT a | BLADE STYLE | DVCKVGING | SHELF PACK |
|-----------------|----------|---------------|-------------|----------|-------------|-----------|------------|
| TTPE / CODE NO. | DUD CU I | WIDTH         | LENGTH      | WEIGHTY  | DLADE STILE | PACKAGING | QTY.       |
| 1290SF590N      | 590      | 1/2 in        | 25 ft       | 771      | D5          | Carded    | 1          |
| 1293SF590N      | 590      | 1/2 in        | 50 ft       | 1043     | D5          | Carded    | 1          |
| 1293SM590N      | 590      | 13 mm, 1/2 in | 15 m, 50 ft | 862      | D7          | Carded    | 1          |

#### 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



| TYPE / CODE NO. | BOB CUT | BLAD<br>WIDTH | E SIZE<br>LENGTH | WEIGHT g | BLADE STYLE | PACKAGING | SHELF PACK<br>QTY. |
|-----------------|---------|---------------|------------------|----------|-------------|-----------|--------------------|
| S1291F590N      | 590     | 1/2 in        | 33 ft            | 680      | Π4          | Carded    | 1                  |
| S1293F590N      | 590     | 1/2 in        | 50 ft            | 907      | Π4          | Carded    | 1                  |

#### **INAGE OIL GAUGING PLUMB BOBS**

- For use in heavy oils
- Cylindrical shaped
- Applicable with the following products
   Atlas® Chrome Clad® / Nubian®Double Duty
  - Atlas® Chrome Clad®
- Atlas® Nubian®

MEASURING

- Atlas® Stainless Steel®



| TYPE / CODE NO. | DESCRIPTION           | LENGTH           | WEIGHT oz / g | SAE / METRIC | MEASURING RANGE             | MATERIAL |
|-----------------|-----------------------|------------------|---------------|--------------|-----------------------------|----------|
| 590GN           | Cylindrical, Reads Up | 6.75 in / 171 mm | 20 / 567      | SAE          | 0 in - 6 in                 | Brass    |
| 590GMN          | Cylindrical, Reads Up | 6.75 in / 171 mm | 20 / 567      | Metric       | 0 mm - 150 mm               | Brass    |
| 590GMEN         | Cylindrical, Reads Up | 6.75 in / 171 mm | 20 / 567      | SAE / Metric | 0 in - 6 in / 0 mm - 150 mm | Brass    |

#### ATLAS® CHROME CLAD® / NUBIAN® **DOUBLE DUTY REPLACEMENT BLADES**

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



| TYPE / CODE NO. | FITS PRODUCT NO. | BLAD<br>WIDTH | E SIZE<br>LENGTH | WEIGHT g | BLADE STYLE | PACKAGING | SHELF PACK OTY. |
|-----------------|------------------|---------------|------------------|----------|-------------|-----------|-----------------|
| OCN1290SF590N   | CN1290SF590N     | 1/2 in        | 25 ft            | 272      | □1          | Carded    | 1               |
| OCN1294SF590N   | CN1294SF590N     | 1/2 in        | 66 ft            | 680      | D1          | Carded    | 1               |
| OCN1293SMEF5N   | CN1293SMEF59N    | 13 mm, 1/2 in | 15 m, 50 ft      | 544      | D3          | Carded    | 1               |

#### ATLAS CHROME CLAD® REPLACEMENT BLADES

■ Atlas Chrome Clad® replacement blade



| TYPE / CODE NO. | FITS PRODUCT NO. |        | E SIZE<br>LENGTH | WEIGHT g | BLADE STYLE | PACKAGING | SHELF PACK OTY. |
|-----------------|------------------|--------|------------------|----------|-------------|-----------|-----------------|
| OC1291SF590N    | C1291SF590N      | 1/2 in | 33 ft            | 363      | D4          | Carded    | 1               |

#### **DERRICK REPLACEMENT BLADES**

Derrick replacement blade



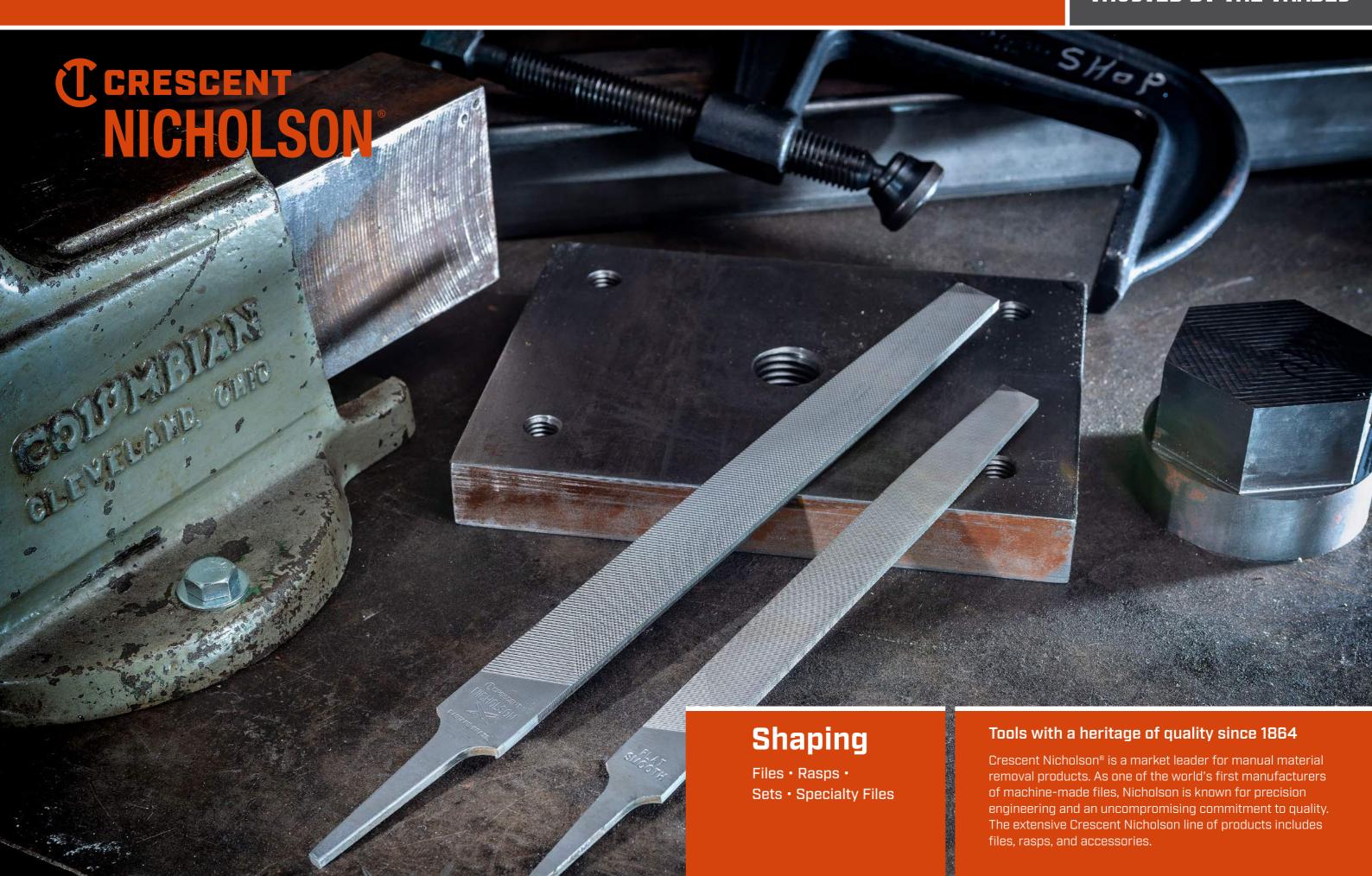
| TYPE / CODE NO. | FITS PRODUCT NO. | BLADE SIZE  |              | WEIGHT | RI ANE STVI E | PACKAGING | SHELF PACK OTY. |
|-----------------|------------------|-------------|--------------|--------|---------------|-----------|-----------------|
| TIPE/ GODE NO.  | THO TROBBOT NO.  | WIDTH       | LENGTH       | WEIGHT | DERDE OTTEE   | TAUKAUINU | OHEEL TAOK OTT. |
| OC2276DN        | C2276DN          | 1/4 in      | 100 ft       | 726    | E1            | Carded    | 1               |
| NC2276MEN       | C2276MFN         | 6 mm 1/4 in | 30 m. 100 ft | 318    | F2            | Carded    | 1               |

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

- $\blacksquare$  For 3/8 in / 10 mm and 1/2 in / 13 mm widths Chrome Clad $^{\circ}$ and gauging tapes
- Chrome 2 arm frame
- Not all replacement parts are sold separately



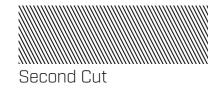
| TYPE / CODE NO. | ARMS |        | E SIZE | WEIGHT g | PACKAGING | SHELF PACK OTY. |
|-----------------|------|--------|--------|----------|-----------|-----------------|
|                 |      | WIDTH  | LENGTH |          |           |                 |
| 9150LN          | 2    | 1/2 in | 50 ft  | 544      | Carded    | 1               |



### FILE TERMINOLOGY

#### **COARSENESS**

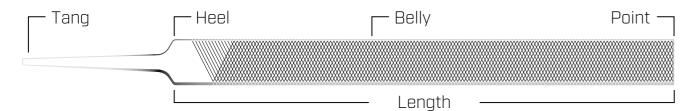






- Work to be accomplished, whether roughing or finishing, will determine type of teeth and coarseness for each application
- Most American pattern files are available with 3 grades of cut: bastard-cut, second-cut and smooth-cut
- The degree of coarseness is greater in longer files, but differences between 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











Three Square



Knife





Area to be filed will determine specific cross-section (round, square, flat, etc.) to be used.

## KINDS OF TEETH

#### SINGLE CUT



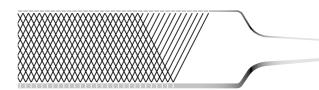
- Single set of parallel, diagonal rows of teeth
- Single-cut files are often used with light pressure to produce a smooth surface finish or to put a keen edge on knives, shears or saws

#### **MAGICUT®**



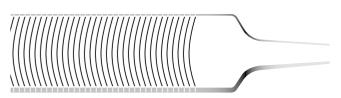
Single cut teeth divided by angular serrations into shorter cutting edges, which free themselves readily from chips and perform roughing and smoothing at the same time

#### **DOUBLE CUT**



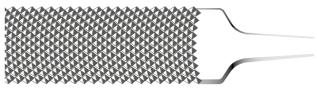
- 2 sets of diagonal rows of teeth
- Second set of teeth cut in opposite diagonal direction and on top of the first set
- First set of teeth is known as the overcut, second is known as upcut
- Upcut is finer than overcut
- Double-cut file is used with heavier pressure than the single-cut and removes material faster from the workpiece

#### **CURVED CUT**

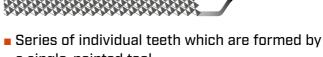


- Teeth arranged in curved contours across the file face
- Curved-cut file is normally used in automotive body shops for smoothing body panels

#### **RASP CUT**



- a single-pointed tool
- Produces a rough cut that is used primarily on wood, hooves, aluminum and lead



## **SELECTION CHARTS**

#### Find the right file or rasp for your job.

Simply find your requirements in the listing. The applicable files and rasps are listed accordingly.

| MATERIAL        | FILE  |
|-----------------|---|
| Aluminium alloy | Flat File, 2-in-1 Bastard and Smooth Cut File, Magicut Flat File or Milled Tooth Bodifile   |
| Babbitt         | Flat File, 2-in-1 Bastard and Smooth Cut File or Milled Tooth Bodifile  |
| Brass           | Flat File, 2-in-1 Bastard and Smooth Cut File or Magicut Flat File  |
| Bronze          | Flat File, 2-in-1 Bastard and Smooth Cut File, Magicut Flat File or Milled Tooth Bodifile   |
| Carbon steel    | Mill File   |
| L'ast iron      | Flat File, 2-in-1 Bastard and Smooth Cut File, Milled Tooth Bodifile or any other file according to shape of material (e.g. Round, Half Round, Square or Three Square File) |
| Casting rough   | Flat File or 2-in-1 Bastard and Smooth Cut File   |
| Copper          | Flat File, 2-in-1 Bastard and Smooth Cut File or Magicut Flat File  |
| Fiber           | Flat File, 2-in-1 Bastard and Smooth Cut File or Rasp   |
| Hard rubber     | Flat File or 2-in-1 Bastard and Smooth Cut File   |
| Hot metal       | Flat File or 2-in-1 Bastard and Smooth Cut File   |
| Irnn            | Flat File, 2-in-1 Bastard and Smooth Cut File or any other file according to shape of material (e.g. Round, Half Round, Square or Three Square File)                        |
| Laminate        | Mill File   |
| Lead            | Milled Tooth Bodifile   |
| Plastics        | Flat File, 2-in-1 Bastard and Smooth Cut File, Mill File or Milled Tooth Bodifile   |
| Soft metal      | Flat File or 2-in-1 Bastard and Smooth Cut File   |
| Stainless steel | Flat File, 2-in-1 Bastard and Smooth Cut File or Milled File  |
| Steel           | Flat File or 2-in-1 Bastard and Smooth Cut File   |
| Steel allov     | Flat File, 2-in-1 Bastard and Smooth Cut File or any other file according to shape of material (e.g. Round, Half Round, Square or Three Square File)                        |
| Wood            | Cabinet Rasp, Pattern Maker's Cabinet Rasp or Wood Rasp   |
| Lead            | Milled Tooth Bodifile   |

| USER                              | FILE   |
|-----------------------------------|--|
| Blacksmith                        | Flat File, 2-in-1 Bastard and Smooth Cut File, Half-Round File or Rasp   |
| Cabinetmaker                      | Pattern Maker's Cabinet Rasp or Cabinet Rasp   |
| Diemaker                          | Knife File   |
| Engine Builder                    | Flat File or 2-in-1 Bastard and Smooth Cut File  |
| Gardener                          | Axe Sharpening File, Round Chain Saw File or Taper File  |
| Hobbyist                          | Wood Rasp, Axe Sharpening File, 4-in-1 Hand Rasp, Flat File, 2-in-1 Bastard and Smooth Cut File, Hand File, Mill File or any other file according to shape of material (e.g. Round, Half Round, Square or Three Square File) |
| Locksmith                         | Warding File   |
| Lumberkack                        | Axe Sharpening File, Round Chain Saw File or Taper File  |
| Machinist                         | Flat File, 2-in-1 Bastard and Smooth Cut File, Magicut Flat File, Half-Round File, Square File, Three Square File, Round File, Mill File or Taper File   |
| Machinery Builder                 | Flat File, 2-in-1 Bastard and Smooth Cut File, Half-Round File, Square File, Round File, Mill File or Taper File   |
| Millwright                        | Flat File, 2-in-1 Bastard and Smooth Cut File, Half-Round File, Square File, Round File or Mill File   |
| Plumber                           | Half-Round File or Wood Rasp   |
| Repairman                         | Flat File or 2-in-1 Bastard and Smooth Cut File  |
| Ship Builder                      | Flat File or 2-in-1 Bastard and Smooth Cut File  |
| Tool Maker                        | Knife File   |
| Trade Worker                      | Knife File   |
| Wood Maker                        | Axe Sharpening File, Round Chain Saw File or Taper File  |
| Woodworking Trade<br>Professional | Pattern Maker's Cabinet Rasp, Cabinet Rasp or Wood Rasp  |

| SHAPE            | FILE  |
|------------------|---|
| Acute angle      | Knife File  |
| Bevel surface    | Flat File or Mill File  |
| Circular opening | Round File  |
| Concave surface  | Half Round File or Round File   |
| Convex surface   | Half Round File   |
| Flat surface     | Flat File, 2-in-1 Bastard and Smooth Cut File, Magicut Flat File, Hand File, Half Round File or Mill File |
| Hole             | Round File or Square File   |
| Interior angle   | Knife File, Taper File or Three Square File   |
| Keyway           | Square File   |
| Locksmith        | Warding File  |
| Notched surface  | Taper File or Knife File  |
| Slot             | Knife File, Taper File, Warding File or Square File   |
| V-groove surface | Knife File or Taper File  |

| JOB / APPLICATION               | FILE   |
|---------------------------------|--|
| Auto Body                       | Milled Tooth Bodifile  |
| Axe                             | Axe Sharpening File  |
| Bearing (brass)                 | Magicut Flat File or 2-in-1 Bastard and Smooth Cut File  |
| Bearing (bronze)                | Flat File, 2-in-1 Bastard and Smooth Cut File or Magicut Flat File   |
| Beveling                        | Flat File or Mill File   |
| Bolt threads                    | Taper File, Knife File or Mill File  |
| Cabine (wood)                   | Cabinet Rasp   |
| Contact points                  | Mill File  |
| De-scaling                      | Flat File or 2-in-1 Bastard and Smooth Cut File  |
| Die block                       | Flat File or 2-in-1 Bastard and Smooth Cut File  |
| Die casting                     | Flat File, 2-in-1 Bastard and Smooth Cut File or any other file according to shape of material (e.g. Round, Half Round, Square or Three Square File) |
| Die forging                     | Flat File, 2-in-1 Bastard and Smooth Cut File or Half-Round File (according to shape of material)  |
| Electric connections (cleaning) | Mill File  |
| Fender (auto)                   | Milled Tooth Bodifile  |
| Finishing                       | Mill File or 2-in-1 Bastard and Smooth Cut File  |
| Foundry casting                 | Flat File, 2-in-1 Bastard and Smooth Cut File  |
| Furniture (making)              | Cabinet Rasp, Pattern Maker's Cabinet Rasp or Wood Rasp  |
| Garden Tools                    | Axe Sharpening File  |
| Grooving                        | Square File, Round File, Half-Round File or Slim Taper File  |
| Horse-shoeing                   | Horse Rasp, Magicut Plater's Special Horse Rasp or Horse Rasp with Plain 1/2 File  |
| Joint, mortise and tenon        | Flat File, 2-in-1 Bastard and Smooth Cut File, Half- Round File, Square File or Round File (according to shape of material)                          |
| Key way                         | Square File, Round File, Half-Round File or Slim Taper File  |
| Keys (filing)                   | Warding File   |
| Knife                           | Mill File  |
| Lathe-turned section            | Mill File  |
| Lawn mower                      | Mill File  |
| Lock (mending)                  | Warding File   |
| Molded part                     | Flat File, 2-in-1 Bastard and Smooth Cut File or Mill File   |
| Ornaments, Wood making          | Round File, Mill File, Taper File Cabinet Rasp, Pattern Maker's Cabinet Rasp or Wood Rasp  |
| Pattern making (wood)           | Cabinet Rasp, Pattern Maker's Cabinet Rasp, Wood Rasp, Round File, Mill File or Taper File   |
| Pipe fitting                    | Half-Round File  |
| Planer knife carbon steel       | Mill File  |
| Rotary mower blade              | Flat File or 2-in-1 Bastard and Smooth Cut File  |
| Rough filing                    | Magicut Flat File or any Bastard File according to shape of material (e.g. Round, Half Round, Square or Three Square File)                           |
| Saws                            | Taper Files, Round Chain Saw File or Mill Files  |
| Smoothing a plane               | Hand File, 2-in-1 Bastard and Smooth Cut File, Hand File or Mill File  |
| Snagging                        | Flat File or 2-in-1 Bastard and Smooth Cut File  |
| Switch contacts                 | Mill File  |
| Switch (electric)               | Mill File  |
| Template                        | Flat File, 2-in-1 Bastard and Smooth Cut File, Half-Round File, Mill File or Round File  |
| Trade work                      | Knife File   |
| Widening holes                  | Hand File  |

## (TCRESCENT NICHOLSON)

#### 3 PC. 6 IN 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







| CATALOG NO. DESCRIPTION FILE LENGTH                                     | HANDLED         |
|---|-----------------|
| 6 in Half Round Bastard Cut File with Ergonomic Handle 6 in / 150 mm    | Yes (Ergonomic) |
| 6 in Round Bastard Cut with Ergonomic Handle 6 in / 150 mm              | Yes (Ergonomic) |
| 21687HNN 6 in Mill Bastard Cut File with Ergonomic Handle 6 in / 150 mm | Yes (Ergonomic) |

#### **5 PC. GENERAL PURPOSE SET**



- Set includes 10 in half round bastard, 8 in mill bastard, 8 in flat,
   10 in mill bastard, 6 in 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
- Rubber-coated ergonomic handles for better comfort and control
- Includes pouch for storage and organization







| CATALOG NO. | DESCRIPTION   | FILE LENGTH    | HANDLED         |
|-------------|---|----------------|-----------------|
| 04995BC     | 10 in Half Round Bastard Cut File with Ergonomic Handle | 10 in / 250 mm | Yes (Ergonomic) |
| -           | 8 in Mill Bastard Cut File with Ergonomic Handle        | 8 in / 200 mm  | Yes (Ergonomic) |
| -           | 10 in Mill Bastard Cut File with Ergonomic Handle       | 10 in / 250 mm | Yes (Ergonomic) |
| -           | 6 in Slim Taper File with Ergonomic Handle              | 6 in / 150 mm  | Yes (Ergonomic) |
| -           | 8 in Flat Bastard Cut File with Ergonomic Handle        | 8 in / 200 mm  | Yes (Ergonomic) |

#### 9 PC. ERGONOMIC FILE SET



- Set includes must-have files, which cover a wide range of usage scenarios
- Includes four 10 in bastard cut files
- Two 6 in tapered files
- Two 8 in bastard cut files
- One 12 in mill bastard cut file
- Rubber-coated ergonomic handles for better comfort and control
- Includes pouch for storage and organization









| CATALOG NO  | PECOPICTION   | EU E I ENOTU   | HANDLED         |
|-------------|---|----------------|-----------------|
| CATALOG NO. | DESCRIPTION   | FILE LENGTH    | HANDLED         |
| 21701HNN    | 10 in Mill Bastard Cut File with Ergonomic Handle       | 10 in / 250 mm | Yes (Ergonomic) |
| 21842HNN    | 12 in Mill Bastard Cut File with Ergonomic Handle       | 12 in / 300 mm | Yes (Ergonomic) |
| -           | 8 in Half Round Bastard Cut File with Ergonomic Handle  | 8 in / 200 mm  | Yes (Ergonomic) |
| -           | 10 in Half Round Bastard Cut File with Ergonomic Handle | 10 in / 250 mm | Yes (Ergonomic) |
| 21748HNN    | 8 in Flat Bastard Cut File with Ergonomic Handle        | 8 in / 200 mm  | Yes (Ergonomic) |
| 21868HNN    | 10 in Flat Bastard Cut File with Ergonomic Handle       | 10 in / 250 mm | Yes (Ergonomic) |
| 21729HNN    | 6 in Slim Taper File with Ergonomic Handle              | 6 in / 150 mm  | Yes (Ergonomic) |
| -           | 6 in Double Extra Slim Taper File with Ergonomic Handle | 6 in / 150 mm  | Yes (Ergonomic) |
| -           | 10 in Round Bastard Cut File with Ergonomic Handle      | 10 in / 250 mm | Yes (Ergonomic) |

#### **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







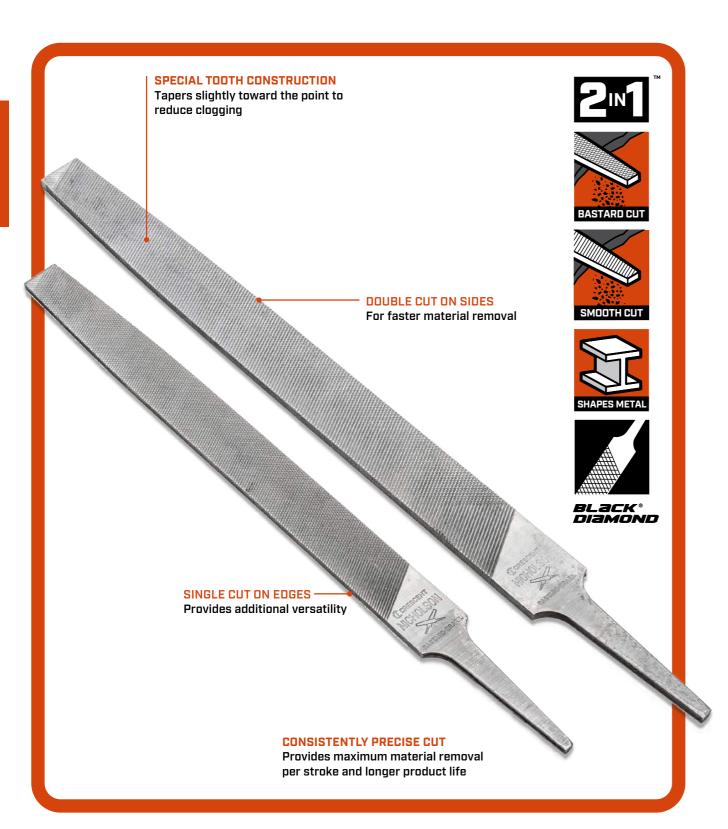




| CATALOG NO. | DESCRIPTION                       | FILE LENGTH    | HANDLED         |
|-------------|-----------------------------------|----------------|-----------------|
| 21868NN     | 10 in Flat Bastard Cut File       | 10 in / 250 mm | Yes (Ergonomic) |
| 03732NN     | 10 in Flat Smooth Cut File        | 10 in / 250 mm | Yes (Ergonomic) |
| 21858N      | 10 in Half Round Bastard Cut File | 10 in / 250 mm | Yes (Ergonomic) |
| 21839NN     | 10 in Mill Bastard Cut File       | 10 in / 250 mm | Yes (Ergonomic) |
| 21854       | 10 in Round Bastard Cut File      | 10 in / 250 mm | Yes (Ergonomic) |
| T21455      | 8 in Flie Cleaner                 | 8 in / 200 mm  | Yes (Wooden)    |
| 14255MN     | 7 in Slim Taper File              | 7 in / 150 mm  | Yes (Ergonomic) |
| T13196      | 10 in Square Bastard Cut File     | 10 in / 250 mm | Yes (Ergonomic) |

# 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.



#### 2-IN-1 BASTARD AND 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



| CATALOG NO. | FILE LENGTH    | HANDLED | PACKAGING | SHELF PACK QTY. |
|-------------|----------------|---------|-----------|-----------------|
| 21908N      | 8 in / 200 mm  | No      | Carded    | 6               |
| 21910N      | 10 in / 250 mm | No      | Carded    | 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



|             | 4 IN / 100 MM | 6 IN / 150 MM | 8 IN / 200 MM | 10 IN / 250 MM | 12 IN / 300 MM | 14 IN / 350 MM |
|-------------|---------------|---------------|---------------|----------------|----------------|----------------|
| BASTARD CUT | 03367NN       | 03467NN       | 03566NN       | 03665NN        | 03764NN        | 03863NN        |
| SECOND CUT  |               | 03500NN       | 03599NN       | 03698NN        | 03797NN        |                |
| SMOOTH CUT  | 03434NN       | 03533NN       | 03632NN       | 03731NN        | 03830NN        | 03929NN        |

#### HANDLED:

|             | 8 IN / 200 MM | 10 IN / 250 MM |
|-------------|---------------|----------------|
| BASTARD CUT | 21748HNN      | 21868HNN       |

| CATALOG NO. | FILE LENGTH    | FILE CUT | HANDLED | PACKAGING | SHELF PACK OTY. |
|-------------|----------------|----------|---------|-----------|-----------------|
| 03367NN     | 4 in / 100 mm  | Bastard  | No      | Boxed     | 12              |
| 03434NN     | 4 in / 100 mm  | Smooth   | No      | Boxed     | 12              |
| 03467NN     | 6 in / 150 mm  | Bastard  | No      | Boxed     | 12              |
| 03500NN     | 6 in / 150 mm  | Second   | No      | Boxed     | 12              |
| 03533NN     | 6 in / 150 mm  | Smooth   | No      | Boxed     | 12              |
| 03566NN     | 8 in / 200 mm  | Bastard  | No      | Boxed     | 12              |
| 03599NN     | 8 in / 200 mm  | Second   | No      | Boxed     | 12              |
| 03632NN     | 8 in / 200 mm  | Smooth   | No      | Boxed     | 12              |
| 03665NN     | 10 in / 250 mm | Bastard  | No      | Boxed     | 6               |
| 03698NN     | 10 in / 250 mm | Second   | No      | Boxed     | 6               |
| 03731NN     | 10 in / 250 mm | Smooth   | No      | Boxed     | 6               |
| 03764NN     | 12 in / 300 mm | Bastard  | No      | Boxed     | 6               |
| 03797NN     | 12 in / 300 mm | Second   | No      | Boxed     | 6               |
| 03830NN     | 12 in / 300 mm | Smooth   | No      | Boxed     | 6               |
| 03863NN     | 14 in / 350 mm | Bastard  | No      | Boxed     | 6               |
| 03929NN     | 14 in / 350 mm | Smooth   | No      | Boxed     | 6               |
| 21748HNN    | 8 in / 200 mm  | Bastard  | Yes     | Carded    | 6               |
| 21868HNN    | 10 in / 250 mm | Bastard  | Yes     | Carded    | 3               |

#### **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
- This pipeliner file from Crescent Nicholson features single-cut



|             | 4 IN / 100 MM | 6 IN / 150 MM | 8 IN / 200 MM | 10 IN / 250 MM | 12 IN / 300 MM | 14 IN / 350 MM    | 16 IN / 400 MM |
|-------------|---------------|---------------|---------------|----------------|----------------|-------------------|----------------|
| BASTARD CUT | 04695N        | 04795N        | 04896N        | 04995N         | 05094N         | 05194N<br>05190N* | 05307N         |
| SECOND CUT  | 04729N        | 04828N        | 04927N        | 05026N         | 05125N         | 05225N            |                |
| SMOOTH CUT  | 04762N        | 04861N        | 04960N        | 05059N         | 05158N         | 05258N            |                |

#### HANDLED:

|             | 6 IN / 150 MM | 8 IN / 200 MM | 10 IN / 250 MM |
|-------------|---------------|---------------|----------------|
| BASTARD CUT | 04795BC       | 04896BC       | 04995BC        |
| SECOND CUT  |               | 04927BC       |                |
| SMOOTH CUT  | 04861BC       | 04960BC       | 05059BC        |

| CATALOG NO. | FILE LENGTH    | FILE CUT | HANDLED | PACKAGING | SHELF PACK OTY. |
|-------------|----------------|----------|---------|-----------|-----------------|
| 04695N      | 4 in / 100 mm  | Bastard  | No      | Boxed     | 12              |
| 04729N      | 4 in / 100 mm  | Second   | No      | Boxed     | 12              |
| 04762N      | 4 in / 100 mm  | Smooth   | No      | Boxed     | 12              |
| 04795N      | 6 in / 150 mm  | Bastard  | No      | Boxed     | 12              |
| 04828N      | 6 in / 150 mm  | Second   | No      | Boxed     | 12              |
| 04861N      | 6 in / 150 mm  | Smooth   | No      | Boxed     | 12              |
| 04896N      | 8 in / 200 mm  | Bastard  | No      | Boxed     | 12              |
| 04927N      | 8 in / 200 mm  | Second   | No      | Boxed     | 12              |
| 04960N      | 8 in / 200 mm  | Smooth   | No      | Boxed     | 12              |
| 04995N      | 10 in / 250 mm | Bastard  | No      | Boxed     | 6               |
| 05026N      | 10 in / 250 mm | Second   | No      | Boxed     | 6               |
| 05059N      | 10 in / 250 mm | Smooth   | No      | Boxed     | 6               |
| 05094N      | 12 in / 300 mm | Bastard  | No      | Boxed     | 6               |
| 05125N      | 12 in / 300 mm | Second   | No      | Boxed     | 6               |
| 05158N      | 12 in / 300 mm | Smooth   | No      | Boxed     | 6               |
| 05190N      | 14 in / 350 mm | Bastard  | No      | Boxed     | 6               |
| 05194N      | 14 in / 350 mm | Bastard  | No      | Boxed     | 6               |
| 05225N      | 14 in / 350 mm | Second   | No      | Boxed     | 6               |
| 05258N      | 14 in / 350 mm | Smooth   | No      | Boxed     | 6               |
| 05307N      | 16 in / 400 mm | Bastard  | No      | Boxed     | 6               |
| 04795BC     | 6 in / 150 mm  | Bastard  | Yes     | Flow Pack | 12              |
| 04861BC     | 6 in / 150 mm  | Smooth   | Yes     | Flow Pack | 12              |
| 04896BC     | 8 in / 200 mm  | Bastard  | Yes     | Flow Pack | 12              |
| 04927BC     | 8 in / 200 mm  | Second   | Yes     | Flow Pack | 12              |
| 04960BC     | 8 in / 200 mm  | Smooth   | Yes     | Flow Pack | 12              |
| 04995BC     | 10 in / 250 mm | Bastard  | Yes     | Flow Pack | 12              |
| 05059BC     | 10 in / 250 mm | Smooth   | Yes     | Flow Pack | 12              |

#### **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



|             | 6 IN / 150 MM | 8 IN / 200 MM | 10 IN / 250 MM | 12 IN / 300 MM |
|-------------|---------------|---------------|----------------|----------------|
| BASTARD CUT | 05738N        | 05853N        | 05968N         | 06084N         |
| SECOND CUT  | 05771N        | 05886N        | 06001NN        | 0617N          |
| SMOOTH CUT  | 05804N        | 05919N        | 06034N         | 06150N         |

#### HANDLED:

|             | 8 IN / 200 MM | 10 IN / 250 MM |
|-------------|---------------|----------------|
| BASTARD CUT | 05953BC       | 05968BC        |
| SECOND CUT  |               | 06001BC        |

| CATALOG NO. | FILE LENGTH    | FILE CUT | HANDLED | PACKAGING | SHELF PACK QTY. |
|-------------|----------------|----------|---------|-----------|-----------------|
| 05738N      | 6 in / 150 mm  | Bastard  | No      | Boxed     | 12              |
| 05771N      | 6 in / 150 mm  | Second   | No      | Boxed     | 12              |
| 05804N      | 6 in / 150 mm  | Smooth   | No      | Boxed     | 12              |
| 05853N      | 8 in / 200 mm  | Bastard  | No      | Boxed     | 12              |
| 05886N      | 8 in / 200 mm  | Second   | No      | Boxed     | 12              |
| 05919N      | 8 in / 200 mm  | Smooth   | No      | Boxed     | 12              |
| 05968N      | 10 in / 250 mm | Bastard  | No      | Boxed     | 6               |
| 06001NN     | 10 in / 250 mm | Second   | No      | Boxed     | 6               |
| 06034N      | 10 in / 250 mm | Smooth   | No      | Boxed     | 6               |
| 06084N      | 12 in / 300 mm | Bastard  | No      | Boxed     | 6               |
| 06117N      | 12 in / 300 mm | Second   | No      | Boxed     | 6               |
| 06150N      | 12 in / 300 mm | Smooth   | No      | Boxed     | 6               |
| 05853BC     | 8 in / 200 mm  | Bastard  | Yes     | Flow Pack | 12              |
| 05968BC     | 10 in / 250 mm | Bastard  | Yes     | Flow Pack | 12              |
| 06001BC     | 10 in / 250 mm | Second   | Yes     | Flow Pack | 12              |

\* Single Cut instead of Double Cut

### CRESCENT NICHOLSON

#### **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 Nicholson knife-shape files are supplied with safe backs



|             | 4 IN / 100 MM | 6 IN / 150 MM | 8 IN / 200 MM | 10 IN / 250 MM | 12 IN / 300 MM |
|-------------|---------------|---------------|---------------|----------------|----------------|
| BASTARD CUT | 06711N        | 06804N        | 06898N        | 06992N         | 07058N         |
| SECOND CUT  |               | 06836N        | 06930N        |                |                |
| SMOOTH CUT  | 06773N        | 06867N        | 06961N        | 07054N         | <b>Y</b>       |

| CATALOG NO. | FILE LENGTH    | FILE CUT | HANDLED | PACKAGING | SHELF PACK OTY. |
|-------------|----------------|----------|---------|-----------|-----------------|
| 06711N      | 4 in / 100 mm  | Bastard  | No      | Boxed     | 12              |
| 06773N      | 4 in / 100 mm  | Smooth   | No      | Boxed     | 12              |
| 06804N      | 6 in / 150 mm  | Bastard  | No      | Boxed     | 12              |
| 06836N      | 6 in / 150 mm  | Second   | No      | Boxed     | 12              |
| 06867N      | 6 in / 150 mm  | Smooth   | No      | Boxed     | 12              |
| 06898N      | 8 in / 200 mm  | Bastard  | No      | Boxed     | 12              |
| 06930N      | 8 in / 200 mm  | Second   | No      | Boxed     | 12              |
| 06961N      | 8 in / 200 mm  | Smooth   | No      | Boxed     | 12              |
| 06992N      | 10 in / 250 mm | Bastard  | No      | Boxed     | 6               |
| 07054N      | 10 in / 250 mm | Smooth   | No      | Boxed     | 12              |
| 07085N      | 12 in / 300 mm | Bastard  | No      | Boxed     | 6               |

#### MAGICUT® FLAT FILES

- American pattern flat Magicut® file
- All-purpose file is ideal for machinists and removes stock rapidly for a fast and efficient application
- 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





| CATALOG NO. | FILE LENGTH    | FILE CUT   | HANDLED | SHELF PACK OTY. |
|-------------|----------------|------------|---------|-----------------|
| 07894NN     | 8 in / 200 mm  | Single Cut | No      | 12              |
| 07917NN     | 10 in / 250 mm | Single Cut | No      | 6               |
| 07941NN     | 12 in / 300 mm | Single Cut | No      | 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



|             | 4 IN / 100 MM | 6 IN / 150 MM | 8 IN / 200 MM | 10 IN / 250 MM | 12 IN / 300 MM | 14 IN / 300 MM |
|-------------|---------------|---------------|---------------|----------------|----------------|----------------|
| BASTARD CUT | 08243NN       | 08354NN       | 08497NN       | 084642NN       | 08737NN        | 08832NN        |
| SECOND CUT  |               | 08385NN       | 08529NN       | 08673NN        | 08768NN        |                |
| SMOOTH CUT  | 08306NN       | 08416NN       | 08560NN       | 08704NN        | 08799NN        | 08894NN        |

#### HANDLED:

|             | 6 IN / 150 MM | 8 IN / 200 MM | 10 IN / 250 MM |
|-------------|---------------|---------------|----------------|
| BASTARD CUT | 21687NN       | 21694NN       | 21701NN        |

#### ERGONOMIC HANDLED:

|             | 6 IN / 150 MM | 8 IN / 200 MM | 10 IN / 250 MM | 12 IN / 300 MM |
|-------------|---------------|---------------|----------------|----------------|
| BASTARD CUT | 21687HNN      | 21694HNN      | 21701HNN       | 21842HNN       |

| CATALOG NO. | FILE LENGTH    | FILE CUT | HANDLED         | PACKAGING | SHELF PACK OTY. |
|-------------|----------------|----------|-----------------|-----------|-----------------|
| 08243NN     | 4 in / 100 mm  | Bastard  | No              | Boxed     | 12              |
| 08306NN     | 4 in / 100 mm  | Smooth   | No              | Boxed     | 12              |
| 08354NN     | 6 in / 150 mm  | Bastard  | No              | Boxed     | 12              |
| 08385NN     | 6 in / 150 mm  | Second   | No              | Boxed     | 12              |
| 08416NN     | 6 in / 150 mm  | Smooth   | No              | Boxed     | 12              |
| 08497NN     | 8 in / 200 mm  | Bastard  | No              | Boxed     | 12              |
| 08529NN     | 8 in / 200 mm  | Second   | No              | Boxed     | 12              |
| 08560NN     | 8 in / 200 mm  | Smooth   | No              | Boxed     | 12              |
| 08642NN     | 10 in / 250 mm | Bastard  | No              | Boxed     | 6               |
| 08673NN     | 10 in / 250 mm | Second   | No              | Boxed     | 12              |
| 08704NN     | 10 in / 250 mm | Smooth   | No              | Boxed     | 12              |
| 08737NN     | 12 in / 300 mm | Bastard  | No              | Boxed     | 6               |
| 08768NN     | 12 in / 300 mm | Second   | No              | Boxed     | 6               |
| 08799NN     | 12 in / 300 mm | Smooth   | No              | Boxed     | 6               |
| 08832NN     | 14 in / 350 mm | Bastard  | No              | Boxed     | 6               |
| 08894NN     | 14 in / 350 mm | Smooth   | No              | Boxed     | 6               |
| 21687NN     | 6 in / 150 mm  | Bastard  | Yes             | Carded    | 6               |
| 21694NN     | 8 in / 200 mm  | Bastard  | Yes             | Carded    | 6               |
| 21701NN     | 10 in / 250 mm | Bastard  | Yes             | Carded    | 6               |
| 21687HNN    | 6 in / 150 mm  | Bastard  | Yes (Ergonomic) | Carded    | 6               |
| 21694HNN    | 8 in / 200 mm  | Bastard  | Yes (Ergonomic) | Carded    | 6               |
| 21701HNN    | 10 in / 250 mm | Bastard  | Yes (Ergonomic) | Carded    | 6               |
| 21842HNN    | 12 in / 300 mm | Bastard  | Yes (Ergonomic) | Carded    | 6               |

### CRESCENT NICHOLSON°

#### **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



| CATALOG NO. | FILE LENGTH   | FILE CUT        | HANDLED | PACKAGING | SHELF PACK OTY. |
|-------------|---------------|-----------------|---------|-----------|-----------------|
| 06706NN     | 8 in / 200 mm | Double / Single | No      | Carded    | 6               |
| Π67Π4ΝΝ     | 8 in / 2ΠΠ mm | Double / Single | Nn      | Roxed     | 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



|             | 4 IN / 100 MM | 6 IN / 150 MM | 8 IN / 200 MM | 10 IN / 250 MM | 12 IN / 300 MM |
|-------------|---------------|---------------|---------------|----------------|----------------|
| BASTARD CUT | 12790         | 12967         | 13081         | T13196         | 13310          |
| SMOOTH CUT  | 12857         | 13033         | 13147         | 13262          | 13376          |

#### HANDLED:

|             | 8 IN / 200 MM | 10 IN / 250 MM |
|-------------|---------------|----------------|
| BASTARD CUT | 13081BC       | 13196BC        |

| CATALOG NO. | FILE LENGTH    | FILE CUT | HANDLED | PACKAGING | SHELF PACK OTY. |
|-------------|----------------|----------|---------|-----------|-----------------|
| 12790       | 4 in / 100 mm  | Bastard  | No      | Boxed     | 12              |
| 12857       | 4 in / 100 mm  | Smooth   | No      | Boxed     | 12              |
| 12967       | 6 in / 150 mm  | Bastard  | No      | Boxed     | 12              |
| 13033       | 6 in / 150 mm  | Smooth   | No      | Boxed     | 12              |
| 13081       | 8 in / 200 mm  | Bastard  | No      | Boxed     | 12              |
| 13147       | 8 in / 200 mm  | Smooth   | No      | Boxed     | 12              |
| T13196      | 10 in / 250 mm | Bastard  | No      | Boxed     | 12              |
| 13262       | 10 in / 250 mm | Smooth   | No      | Boxed     | 12              |
| 13310       | 12 in / 300 mm | Bastard  | No      | Boxed     | 6               |
| 13376       | 12 in / 300 mm | Smooth   | No      | Boxed     | 6               |
| 13081BC     | 8 in / 200 mm  | Bastard  | Yes     | Flow Pack | 12              |
| 13196BC     | 10 in / 250 mm | Bastard  | Yes     | Flow Pack | 12              |

#### **ROUND FILES**

- American pattern files available in bastard, second, and smooth cut in a variety of the most common lengths
- Can be used to file circular openings or concave surfaces
- Single cut construction provides light removal of material and slightly smoother edges
- Slight taper in width towards the file's point creates ease of access in slots
- Round file can work in areas that a rectangular file cannot
- Safe point on round files helps reduce the risk of injury



|             | 4 IN / 100 MM | 6 IN / 150 MM | 8 IN / 200 MM | 10 IN / 250 MM | 12 IN / 300 MM | 14 IN / 300 MM |
|-------------|---------------|---------------|---------------|----------------|----------------|----------------|
| BASTARD CUT | 11526NN       | 11716         | 11904         | 12019          | 12134          | 12248          |
| SECOND CUT  |               | 11748NN       | 11936         | 12051          | 12166          |                |
| SMOOTH CUT  | 11592NNN      | 11781         | 11969         | 12084          | 12199          |                |

#### HANDLED:

|             | 6 IN / 150 MM | 8 IN / 200 MM | 10 IN / 250 MM |
|-------------|---------------|---------------|----------------|
| BASTARD CUT |               | 11904BC       | 12019BC        |
| SECOND CUT  |               | 11936BC       | 12051BC        |
| SMOOTH CUT  | 12967BC       | 11969BC       | 12084BC        |

| CATALOG NO. | FILE LENGTH    | FILE CUT | HANDLED | PACKAGING | SHELF PACK OTY. |
|-------------|----------------|----------|---------|-----------|-----------------|
| 11526NN     | 4 in / 100 mm  | Bastard  | No      | Boxed     | 12              |
| 11592NNN    | 4 in / 100 mm  | Smooth   | No      | Boxed     | 12              |
| 11716       | 6 in / 150 mm  | Bastard  | No      | Boxed     | 12              |
| 11748NN     | 6 in / 150 mm  | Second   | No      | Boxed     | 12              |
| 11781       | 6 in / 150 mm  | Smooth   | No      | Boxed     | 12              |
| 11904       | 8 in / 200 mm  | Bastard  | No      | Boxed     | 12              |
| 11936       | 8 in / 200 mm  | Second   | No      | Boxed     | 12              |
| 11969       | 8 in / 200 mm  | Smooth   | No      | Boxed     | 12              |
| 12019       | 10 in / 250 mm | Bastard  | No      | Boxed     | 12              |
| 12051       | 10 in / 250 mm | Second   | No      | Boxed     | 12              |
| 12084       | 10 in / 250 mm | Smooth   | No      | Boxed     | 12              |
| 12134       | 12 in / 300 mm | Bastard  | No      | Boxed     | 6               |
| 12166       | 12 in / 300 mm | Second   | No      | Boxed     | 6               |
| 12199       | 12 in / 300 mm | Smooth   | No      | Boxed     | 6               |
| 12248       | 14 in / 350 mm | Bastard  | No      | Boxed     | 6               |
| 12967BC     | 6 in / 150 mm  | Smooth   | Yes     | Flow Pack | 12              |
| 11904BC     | 8 in / 200 mm  | Bastard  | Yes     | Flow Pack | 12              |
| 11936BC     | 8 in / 200 mm  | Second   | Yes     | Flow Pack | 12              |
| 11969BC     | 8 in / 200 mm  | Smooth   | Yes     | Flow Pack | 12              |
| 12019BC     | 10 in / 250 mm | Bastard  | Yes     | Flow Pack | 12              |
| 12051BC     | 10 in / 250 mm | Second   | Yes     | Flow Pack | 12              |
| 12084BC     | 10 in / 250 mm | Smooth   | Yes     | Flow Pack | 12              |

## CRESCENT NICHOLSON®

#### **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 sharpenings
- Height between cutting teeth and depth gauge is between .020 in to .030 in
- Follow the manufacturer's specifications for safe usage

|          | 6 IN / 150 MM | 8 IN / 200 MM |
|----------|---------------|---------------|
| 1/8 IN   | 0214NN        |               |
| 9/64 IN  | 01606N        |               |
| 5/32 IN  | 01611N        | 02228B        |
| 3/16 IN  |               | 02229B        |
| 13/64 IN |               | 01798N        |
| 7/32 IN  |               | 02230B        |
| 1/4 IN   |               | 02147N        |
|          |               |               |



| CATALOG NO. | FILE LENGTH   | DIAMETER          | HANDLED | PACKAGING | SHELF PACK OTY. |
|-------------|---------------|-------------------|---------|-----------|-----------------|
| 02144N      | 6 in / 150 mm | 1/8 in / 320 mm   | No      | Boxed     | 6               |
| 01606N      | 6 in / 150 mm | 9/64 in / 360 mm  | No      | Boxed     | 6               |
| 01611N      | 6 in / 150 mm | 5/32 in / 400 mm  | No      | Boxed     | 6               |
| 02228B      | 8 in / 200 mm | 5/32 in / 400 mm  | No      | Bagged    | 4               |
| 02229B      | 8 in / 200 mm | 3/16 in / 480 mm  | No      | Bagged    | 4               |
| 01798N      | 8 in / 200 mm | 13/64 in / 520 mm | No      | Boxed     | 3               |
| 02230B      | 8 in / 200 mm | 7/32 in / 560 mm  | No      | Bagged    | 4               |
| 02147N      | 8 in / 200 mm | 1/4 in / 640 mm   | No      | Boxed     | 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
- 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



|                   | 4 IN / 100 MM | 5 IN / 125 MM | 6 IN / 150 MM | 7 IN / 175 MM | 8 IN / 200 MM | 10 IN / 250 MM |
|-------------------|---------------|---------------|---------------|---------------|---------------|----------------|
| REGULAR           | 13727MN       | 13772MN       | 13807MN       | 23050N        | 13875MN       |                |
| SLIM              | 14106MN       | 14162MN       | 14224MN       | 14255MN       | 14290MN       | 14341NNN       |
| EXTRA SLIM        | 14547MN       | 14599MN       | 14665MN       |               | 14729NN       |                |
| DOUBLE EXTRA SLIM | 14942MN       | 14992MN       | 15024NN       | 15056NN       |               |                |

#### HANDLED:

|                   | 6 IN / 150 MM |
|-------------------|---------------|
| SLIM              | 21729NN       |
| EXTRA SLIM        | 21736NN       |
| DOUBLE EXTRA SLIM | 21743NN       |

#### ERGONOMIC HANDLED:

|      | 6 IN / 150 MM |
|------|---------------|
| SLIM | 21729HNN      |

| CATALOG NO. | FILE LENGTH    | STYLE             | FILE CUT | HANDLED        | PACKAGING | SHELF PACK OTY. |
|-------------|----------------|-------------------|----------|----------------|-----------|-----------------|
| 13727MN     | 4 in / 100 mm  | Regular           | Single   | No             | Boxed     | 12              |
| 14106MN     | 4 in / 100 mm  | Slim              | Single   | No             | Boxed     | 12              |
| 14547MN     | 4 in / 100 mm  | Extra Slim        | Single   | No             | Boxed     | 12              |
| 14942MN     | 4 in / 100 mm  | Double Extra Slim | Single   | No             | Boxed     | 12              |
| 13772MN     | 5 in / 125 mm  | Regular           | Single   | No             | Boxed     | 12              |
| 14162MN     | 5 in / 125 mm  | Slim              | Single   | No             | Boxed     | 12              |
| 14599MN     | 5 in / 125 mm  | Extra Slim        | Single   | No             | Boxed     | 12              |
| 14992MN     | 6 in / 150 mm  | Double Extra Slim | Single   | No             | Boxed     | 12              |
| 13807MN     | 6 in / 150 mm  | Regular           | Single   | No             | Boxed     | 12              |
| 14224MN     | 6 in / 150 mm  | Slim              | Single   | No             | Boxed     | 12              |
| 14665MN     | 6 in / 150 mm  | Extra Slim        | Single   | No             | Boxed     | 12              |
| 15024NN     | 6 in / 150 mm  | Double Extra Slim | Single   | No             | Boxed     | 12              |
| 23050N      | 7 in / 175 mm  | Regular           | Single   | No             | Boxed     | 12              |
| 14255MN     | 7 in / 175 mm  | Slim              | Single   | No             | Boxed     | 12              |
| 15056NN     | 7 in / 175 mm  | Double Extra Slim | Single   | No             | Boxed     | 12              |
| 13875MN     | 8 in / 200 mm  | Regular           | Single   | No             | Boxed     | 12              |
| 14290MN     | 8 in / 200 mm  | Slim              | Single   | No             | Boxed     | 12              |
| 14729NN     | 8 in / 200 mm  | Extra Slim        | Single   | No             | Boxed     | 12              |
| 14341NNN    | 10 in / 250 mm | Slim              | Single   | No             | Boxed     | 12              |
| 21729NN     | 6 in / 150 mm  | Slim              | Single   | Yes            | Carded    | 6               |
| 21736NN     | 6 in / 150 mm  | Extra Slim        | Single   | Yes            | Carded    | 6               |
| 21743NN     | 6 in / 150 mm  | Double Extra Slim | Single   | Yes            | Carded    | 6               |
| 21729HNN    | 6 in / 150 mm  | Slim              | Single   | Yes (Ergonomic | Carded    | 6               |
|             |                |                   |          |                |           |                 |

#### Select the best file for your Saw.

The suggested size and type of file will give the best result.

| NUMBER OF<br>SAW POINTS | FILES RECOMMENDED                         |
|-------------------------|---|
| 4                       | 8 in Regular                              |
| 5                       | 7 in Regular<br>10 in Slim                |
| 5 1/2                   | 7 in Regular<br>10 in Slim                |
| 6                       | 5 in or 6 in Regular<br>7 in or 8 in Slim |
| 7                       | 6 in or 7 in Slim                         |

| NUMBER OF<br>SAW POINTS | FILES RECOMMENDED  |
|-------------------------|--|
| 8                       | 4 in Regular<br>6 in Slim<br>7 in Extra Slim<br>8 in Double Extra Slim |
| 9                       | 5 in Slim<br>6 in Extra Slim<br>7 in Double Extra Slim                 |
| 10                      | 5 in Slim<br>5 in or 6 in Extra Slim                                   |

| NUMBER OF<br>SAW POINTS | FILES RECOMMENDED                                      |
|-------------------------|--|
| 11                      | 4 in Slim<br>5 in Extra Slim<br>6 in Double Extra Slim |
| 12                      | 5 in Extra Slim  |
| 13, 14                  | 4 in Slim<br>5 in Extra Slim                           |
| 15, 16                  | 4 in Double Extra Slim                                 |

### (TCRESCENT NICHOLSON

#### **WARDING FILES**

- American pattern files available in bastard 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

|             | 4 IN / 100 MM | 6 IN / 150 MM | 8 IN / 200 MM |
|-------------|---------------|---------------|---------------|
| BASTARD CUT | 16507NN       | 16663NN       | 16761NN       |
| SMOOTH CUT  | 16573NN       | 16729NN       | 16827NN       |



| CATALOG NO. | FILE LENGTH   | FILE CUT | HANDLED | PACKAGING | SHELF PACK OTY. |
|-------------|---------------|----------|---------|-----------|-----------------|
| 16507NN     | 4 in / 100 mm | Bastard  | No      | Boxed     | 12              |
| 16573NN     | 4 in / 100 mm | Smooth   | No      | Boxed     | 12              |
| 16663NN     | 6 in / 150 mm | Bastard  | No      | Boxed     | 12              |
| 16729NN     | 6 in / 150 mm | Smooth   | No      | Boxed     | 6               |
| 16761NN     | 8 in / 200 mm | Bastard  | No      | Boxed     | 12              |
| 16827NN     | 8 in / 200 mm | Smooth   | No      | Boxed     | 12              |

#### **THREE SOUARE 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

|             | 6 IN / 150 MM | 8 IN / 200 MM | 10 IN / 250 MM |
|-------------|---------------|---------------|----------------|
| BASTARD CUT | 15925NNN      | 16036NNN      | 16147NNN       |
| SMOOTH CUT  | 15991NNN      | 16102NNN      |                |



| CATALOG NO. | FILE LENGTH    | FILE CUT | HANDLED | PACKAGING | SHELF PACK OTY. |
|-------------|----------------|----------|---------|-----------|-----------------|
| 15925NNN    | 6 in / 150 mm  | Bastard  | No      | Boxed     | 12              |
| 15991NNN    | 6 in / 150 mm  | Smooth   | No      | Boxed     | 12              |
| 16036NNN    | 8 in / 200 mm  | Bastard  | No      | Boxed     | 12              |
| 16102NNN    | 8 in / 200 mm  | Smooth   | No      | Boxed     | 12              |
| 16147NNN    | 10 in / 250 mm | Bastard  | No      | Boxed     | 12              |

#### 4-IN-1 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



| CATALOG NO. | FILE LENGTH   | FILE CUT               | HANDLED | PACKAGING | SHELF PACK OTY. |
|-------------|---------------|------------------------|---------|-----------|-----------------|
| 18924NNN    | 8 in / 2ΠΠ mm | Rasn / Single / Double | Nn      | Boxed     | 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 Nicholson adjustable handle



| CATALOG NO. | FILE LENGTH    | FILE CUT | HANDLED | PACKAGING | SHELF PACK OTY. |
|-------------|----------------|----------|---------|-----------|-----------------|
| 18846N      | 10 in / 250 mm | Second   | No      | Boxed     | 6               |
| 18861N      | 10 in / 250 mm | Smooth   | No      | Boxed     | 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 Nicholson adjustable handle

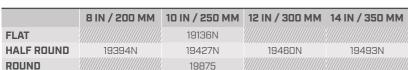




| CATALOG NO. | FILE LENGTH    | FILE CUT       | HANDLED | PACKAGING | SHELF PACK OTY. |
|-------------|----------------|----------------|---------|-----------|-----------------|
| 17615N      | 8 in / 200 mm  | Regular Second | No      | Boxed     | 12              |
| 17683N      | 10 in / 250 mm | Regular Second | No      | Boxed     | 6               |
| 17751N      | 12 in / 300 mm | Regular Second | No      | Boxed     | 6               |
| 17615BC     | 8 in / 200 mm  | Regular Second | Yes     | Flow Pack | 12              |
| 17683BC     | 10 in / 250 mm | Regular Second | Yes     | Flow Pack | 12              |

#### 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





| CATALOG NO. | FILE LENGTH    | FILE SHAPE | FILE CUT | HANDLED | PACKAGING | SHELF PACK OTY. |
|-------------|----------------|------------|----------|---------|-----------|-----------------|
| 19394N      | 8 in / 200 mm  | Half Round | Bastard  | No      | Boxed     | 12              |
| 19136N      | 10 in / 250 mm | Flat       | Bastard  | No      | Boxed     | 6               |
| 19427N      | 10 in / 250 mm | Half Round | Bastard  | No      | Boxed     | 6               |
| 19875       | 10 in / 250 mm | Round      | Bastard  | No      | Boxed     | 12              |
| 19460N      | 12 in / 300 mm | Half Round | Bastard  | No      | Boxed     | 6               |
| 19493N      | 14 in / 350 mm | Half Round | Bastard  | No      | Boxed     | 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 Nicholson Magicut® file pattern
- Narrow chip breakers created by steep angled serrations reduce clogging
- Rectangular shape lets you smooth and sharpen straight surfaces
- 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 Nicholson adjustable handle





| CATALOG NO. | FILE LENGTH    | FILE CUT      | HANDLED | PACKAGING | SHELF PACK QTY. |
|-------------|----------------|---------------|---------|-----------|-----------------|
| 19130N      | 1/ in / 350 mm | Daen/Magicut® | No      | Boyed     | 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 Nicholson 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



| CATALOG NO. | FILE LENGTH    | FILE CUT    | HANDLED | PACKAGING | SHELF PACK OTY. |
|-------------|----------------|-------------|---------|-----------|-----------------|
| 18057N      | 14 in / 350 mm | Rasp/Double | No      | Boxed     | 6               |

#### **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



| CATALOG NO. | FILE LENGTH    | FILE CUT          | HANDLED | PACKAGING | SHELF PACK OTY. |
|-------------|----------------|-------------------|---------|-----------|-----------------|
| 17873N      | 12 in / 300 mm | Rasp Punch/Coarse | No      | Boxed     | 6               |
| 17903N      | 14 in / 350 mm | Rasp Punch/Coarse | No      | Boxed     | 6               |

#### MILLED TOOTH BODIFILES

- A flexible milled tooth body file with a curved-tooth pattern and no tang
- $\hfill \blacksquare$  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





| CATALOG NO. | FILE LENGTH    | TEETH PER INCH | FILE CUT        | HANDLED | PACKAGING | SHELF PACK OTY. |
|-------------|----------------|----------------|-----------------|---------|-----------|-----------------|
| 20189N      | 14 in / 350 mm | 8              | 50-908 Standard | No      | Boxed     | 6               |

### CRESCENT NICHOLSON

#### **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 unclogs teeth on finer cut files, allowing the abrasive to cut properly each time
- Cleaning files helps with long lasting performance



| CATALOG NO. | FILE LENGTH    | DESCRIPTION     | HANDLED       | PACKAGING | SHELF PACK QTY. |
|-------------|----------------|-----------------|---------------|-----------|-----------------|
| 21458       | 10 in / 250 mm | 10 in File Card | Yes ( Wooden) | Boxed     | 10              |

#### **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



| CATALOG NO. | FILE LENGTH    | DESCRIPTION               | HANDLED       | PACKAGING | SHELF PACK QTY. |
|-------------|----------------|---------------------------|---------------|-----------|-----------------|
| 21467       | 1Ω in / 25Ω mm | 10 in File Card and Brush | Ves ( Wooden) | Boyed     | 6               |

#### **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



| CATALOG NO. | OVERALL LENGTH  | PACKAGING | SHELF PACK OTY. |
|-------------|-----------------|-----------|-----------------|
| 21474H      | 4.5 in / 115 mm | Carded    | 6               |

#### **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



| CATALOG NO. | OVERALL LENGTH    | HANDLE NO. | PACKAGING | SHELF PACK OTY. |
|-------------|-------------------|------------|-----------|-----------------|
| T21484      | 3.5 in / 90 mm    | PH1        | Carded    | 12              |
| 21493       | 3.75 in / 95 mm   | PH2        | Carded    | 12              |
| T21502      | 3.75 in / 95 mm   | PH3        | Carded    | 12              |
| 21512       | 4.125 in / 105 mm | PH4        | Carded    | 12              |
| 21513       | 4.125 in / 105 mm | PH5        | Carded    | 12              |
| 21514       | 4.75 in / 120 mm  | PH6        | Carded    | 12              |
| 21515       | 5 in / 130 mm     | PH7        | Carded    | 12              |
| 21516       | 5 in / 130 mm     | PH8        | Carded    | 12              |

#### SELECT THE CORRESPONDING HANDLE FOR YOUR FILE

| FILE TYPE                                       | 4 IN / 100 MM | 5 IN / 100 MM | 6 IN / 100 MM | 8 IN / 100 MM | 10 IN / 100 MM | 12 IN / 100 MM | 14 IN / 100 MM | 16 IN / 100 MM |
|---|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|
| MILL FILE                                       | PH3           |               | PH4           | PH5           | PH5            | PH6            | PH7            | -              |
| FLAT FILE                                       | PH3           |               | PH4           | PH5           | PH5            | PH6            | PH7            | -              |
| HAND FILE                                       | -             | -             | PH4           | PH5           | PH6            | PH7            | -              | -              |
| HALF<br>ROUND<br>FILE                           | РНЗ           | -             | PH4           | PH5           | PH6            | PH7            | PH8            | PHB            |
| WARDING<br>FILE                                 | РНЗ           | -             | PH4           | PH4           | -              | -              | -              | -              |
| KNIFE FILE                                      | PH3           | -             | PH4           | PH5           | PH5            | PH6            | -              | -              |
| ROUND<br>FILE                                   | PH1           | -             | PH3           | PH4           | PH4            | PH5            | PH7            | -              |
| SQUARE<br>FILE                                  | PH1           | PH2           | РНЗ           | PH4           | PH4            | PH5            | PH6            | -              |
| TAPER FILE                                      | PH1           | PH2           | PH3           | PH4           | PH5            | -              | -              | -              |
| HORSE<br>RASP                                   | -             | -             | -             | -             | -              | -              | PH8            | -              |
| HORSE<br>RASP WITH<br>PLAIN ½<br>FILE           | -             | -             | -             | -             | -              | PH8            | PH8            | -              |
| MAGICUT<br>PLATER'S<br>SPECIAL<br>HORSE<br>RASP | -             | -             | -             | -             | -              | -              | PH8            | -              |





#### 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
- Center nail puller allows better balance and more leverage



| CATALOG NO. | TIP LENGTH | TIP WIDTH | OVERALL LENGTH | PRODUCT WEIGHT KG |
|-------------|------------|-----------|----------------|-------------------|
| DKB446X     | 115 mm     | 140 mm    | 1118 mm        | 3,47              |

#### CODE RED™ INDEXING FLAT RENOVATION BARS

- Head indexes through an arc of over 180° and locks in 15 positions for maximum access
- Angled head with nail slot for prying and pulling nails or boards
- Extra-wide prying end prevents damage by spreading the prying force
- Raised heavy-duty striking surface on the head to assist in demolition
- Solid construction withstands wear, pressure, and damage
- Full steel body for increased durability and longer product life
- Heat-treated striking face
- Durable two-tone grip provides comfort, control, and slip prevention



| CATALOG NO. | TIP LENGTH | TIP WIDTH | OVERALL LENGTH | PRODUCT WEIGHT KG |
|-------------|------------|-----------|----------------|-------------------|
| DB18X       | 95 mm      | 55 mm     | 457 mm         | 1,20              |
| DB30X       | 95 mm      | 55 mm     | 762 mm         | 1,86              |

#### CODE RED™ ADJUSTABLE PRY BARS

- Adjustable jaws slide and clamp to fit onto objects for straightening and prying
- Large claw on head adjusts for best leverage when pulling nails
- Crow bar end with nail puller slot
- Hammer head surface for striking



| CATALOG NO. | TIP LENGTH | TIP WIDTH | OVERALL LENGTH | PRODUCT WEIGHT KG |
|-------------|------------|-----------|----------------|-------------------|
| DB16        | 127 mm     | 44 mm     | 406 mm         | 1,67              |
| DB24        | 127 mm     | 44 mm     | 610 mm         | 2,01              |

#### **INDEXING NAIL PULLER**

- Indexing head with 14 locking positions for quick angle adjustment up to 180 degrees for optimized leverage
- Striking face allows for claw to be driven under nails that are under the surface
- Designed to reach between studs, joists, and other obstructions
- Ergonomic, contoured handle for superior grip and user safety



| CATALOG NO. | TIP LENGTH | TIP WIDTH | OVERALL LENGTH | PRODUCT WEIGHT KG |
|-------------|------------|-----------|----------------|-------------------|
| DB12NP      | 67 mm      | 23 mm     | 320 mm         | 0,51              |

#### **NAIL PULLER**

- Forged alloy box-joint and hardened, tempered jaw
- Black enamel finish offers extra durability
- Works great on flush, hard-to-grip nails
- Ideal for remodeling or renovation projects
- 16 penny nail jaw capacity
- 19 in length and 24 in full extension



| CATALOG NO. | TIP LENGTH | TIP WIDTH | CONT. LENTH | EXT. LENGTH | PRODUCT WEIGHT KG |
|-------------|------------|-----------|-------------|-------------|-------------------|
| 56          | 28 mm      | 6 mm      | 483 mm      | 610 mm      | 1,91              |



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| 05125N      | 60       | 08497NN        | 63   | 11904BC            | 65   |
| 05158N      | 60       | 08529NN        | 63   | 11936BC            | 65   |
| 05190N      | 60       | 08560NN        | 63   | 11969BC            | 65   |
| 05194N      | 60       | 08642NN        | 63   | 12019BC            | 65   |
| 05225N      | 60       | 08673NN        | 63   | 12051BC            | 65   |
| 05258N      | 60       | 08704NN        | 63   | 12084BC            | 65   |
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| 04795BC     | 60       | 08768NN        | 63   | 01606N             | 66   |
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| 05919N      | 61       | 06704NN        | 64   | 14162MN            | 67   |
| 05968N      | 61       | 12790          | 64   | 14599MN            | 67   |
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| 06034N      | 61       | 12967          | 64   | 13807MN            | 67   |
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