

FORNEY INDUSTRIES

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& THE INDUSTRIAL MARKETS SINCE 1932

FORNEY INDUSTRIES
2016 ABRASIVES CATALOG



ABRASIVES CATALOG





FORNEY INDUSTRIES

ABRASIVES CATALOG

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FORNEY INDUSTRIES

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Forney Industries Promise

We deliver tailored solutions to address your specific problem or opportunity. We will staff and equip ourselves to deliver to you the personal service you desire and deserve. We are committed to your success regardless of location, size or needs. We understand it is your goal to get the job done right, and we are ready to help you do just that.

President's Message

Dear Valued Customer,

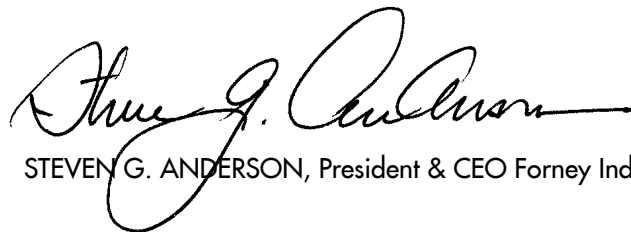
For more than 80 years, Forney Industries has been committed to offering products that make your life easier. Whether you are a seasoned welder, rancher, or someone who simply enjoys working in the garage, we offer more than 5,000 products based on what you need, not on what we want to sell.

Our passion is bringing new and enhanced products to you. This, combined with our unparalleled service, sets us apart. In fact, All Business is Local is our mantra and that commitment hasn't changed over the years. We treat our customers with the same undivided, personal attention that we offered decades ago but offer the convenience of 24-hour electronic fulfillment services, too.

Your satisfaction begins with our employees. We pride ourselves on securing a remarkable staff that understands the products we sell and knows how important those products are to you. It's simple. Our employees are passionate about what you do.

As a family-owned company, please trust that we will continue to focus on you and your success. While you are busy working at your craft, we are researching and developing the next, best product that will make you increasingly more successful. After all, we aren't successful until you are.

Thank you for your continued business,



STEVEN G. ANDERSON, President & CEO Forney Industries

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KNOW YOUR ABRASIVES

Forney Industries' selection of cutting, grinding and surface prep wheels has you covered. From delicate projects to the most demanding applications such as cutting asphalt or concrete, Forney abrasives are the best on the market – manufactured from top-grade materials and tested to meet stringent safety code requirements.

INDUSTRY STANDARD COLOR CODING



**METAL/
GENERAL PURPOSE**



STAINLESS STEEL



ASPHALT



MASONRY



PIPELINE



ALUMINUM

EVER WONDER WHY ONE WHEEL CUTS FASTER WHILE ANOTHER LASTS LONGER? The code found on each wheel reveals a lot about how the wheel will perform. How you use the wheel also determines its effectiveness. Forney® abrasives follow the industry standard marking system (see below) used by most major manufacturers. **NOTE:** Typically, if you want a wheel that will last longer, expect it to cut more slowly. For a good mix of wheel life and speed, choose a wheel with a P-T bond strength designation.

ZA24R-BF

GRAIN TYPE

| LETTER | MATERIAL | APPLICATION(S) |
|-----------|-----------------------------------|----------------------------------|
| C | SILICON CARBIDE | MASONRY |
| A | ALUMINUM OXIDE | METAL |
| ZA | ZIRCONIA ALUMINA | STAINLESS STEEL FERROUS METAL |
| TA | CERAMIC TREATED ALUMINUM OXIDE | METAL |

GRIT

| NUMBER | GRIT LEVEL |
|---------------|---------------|
| 8-24 | COARSE |
| 30-60 | MEDIUM |
| 70-180 | FINE |
| 220+ | EXTRA FINE |

BOND STRENGTH

| LETTER | HARDNESS |
|------------|----------|
| A-N | SOFT |
| O-S | MEDIUM |
| T-Z | HARD |

BOND TYPE

| LETTER | BOND TYPE |
|-----------|-----------|
| BF | RESINOID |
| E | SHELLAC |
| R | RUBBER |
| V | VITRIFIED |

TOOL ICON KEY



BENCH GRINDER



CIRCULAR SAW



WALK-BEHIND SAW



POWER DRILL



HANDHELD SAW



DIE GRINDER



ANGLE GRINDER

TABLE SAW/CHOP SAW/
STATIONARY SAW

ABRASIVES SAFETY



Wear protective clothing and gloves



Wear safety glasses or face shield,
hearing protection and respiratory
protection



Always use tool guard



Always observe recommended speed



Wash hands after use

ADDITIONAL SAFETY INFORMATION:

- Do not use any wheel that has been dropped, chipped or cracked in any way.
- Allow new wheels to run at operating speed with guard in place for at least one minute before grinding.
- Make sure the operating speed of the tool does not exceed speed marked on the wheel.
- Use adequate ventilation to reduce or eliminate dust. Exposure to dust may cause respiratory ailments as well as irritation to eyes and skin. A mask or respirator should be worn.
- Always use a safety guard that covers a minimum of 1/2 of the abrasive wheel.
- Never grind on the side of a conventional, straight or Type 1 wheel.
- Do not jam the work piece into the wheel.
- Do not grind or cut material for which the wheel was not designed (e.g., steel vs. concrete).
- Heat is the enemy of abrasives. Use a smooth consistent rocking motion throughout the cut.
- Overpowering a grinding wheel will not increase the cut rate and will break down the wheel at a faster rate, reducing wheel life.



CHOOSING A WHEEL TYPE

When choosing an abrasive, keep in mind your project and the type of tools you will need. For example, if all you have is an electric drill or electric rotary tool, you will need to use carbide burrs, mounted points or mounted grinding wheels. In addition, consider the composition of the metal you plan to cut as well as whether you want to cut, grind, flare or snag the work-piece.



TYPE 1
Flat wheel for 90 degree angle metal cutting



TYPE 29
Flap disc with a flexible design for smoothing and grinding contoured surfaces



TYPE 27
Depressed center wheel for grinding, notching and cutting



TYPE 28
Saucer-shaped grinding wheel for greater coverage and improved user visibility

A small or large angle grinder is recommended for Type 1, Type 11, Type 27, Type 28, and Type 29 grinding and cut-off wheels. 12-inch and 14-inch cut-off wheels can be used with chop saws, portable saws and "road saws" depending on application. In all cases of the use of any blade, the type of tool will be indicated on the label. Be sure to not exceed maximum RPM requirements stated on the wheel.



TYPE 11
Flaring cup for grinding and snagging over large surface areas

**ALUMINUM OXIDE**

Fused aluminum oxide (AO) is the most common abrasive grain in use today. AO is extremely tough and durable but has no clearly defined crystal structure; when the grain wears it produces rounded edges.

SUGGESTED APPLICATIONS:

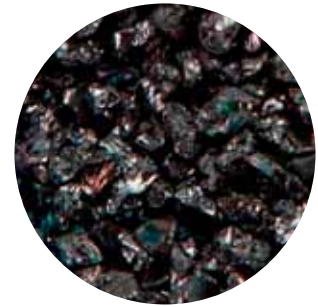
Aluminum and ferrous metals

**ZIRCONIA ALUMINA**

During manufacturing aluminum oxide and zirconia are quenched from molten form which gives the grain a crystalline structure. This gives the grain a longer cutting life and is especially suited to coarser stock removal applications.

SUGGESTED APPLICATIONS:

Heavy-duty grinding on all ferrous and non-ferrous metals

**SILICON CARBIDE**

Silicon carbide is the hardest of all common abrasive materials. It is very sharp, but friable, leaving new sharp edges for cutting. It is initially fast-cutting but has a short life span. It is ideal for use on non-ferrous metals like aluminum, brass, bronze, magnesium and titanium.

SUGGESTED APPLICATIONS:

Non-ferrous metals, non-metallics

APPLICATION GUIDE

| TYPE | CHARACTERISTICS | GRINDING 1/4" | COMBO 1/8" | CUT-OFF UNDER 1/8" | TOOL | POSITION |
|-----------|--|------------------|---------------|-----------------------|---------------|----------|
| 27 | <ul style="list-style-type: none"> Depressed center Specifically designed for use on cutting machines Manufactured with flat grinding rims/faces and designed for: <ul style="list-style-type: none"> - Side grinding when held a slight angle - May be used flat when grinding concrete | ● | ● | ● | Angle grinder | 30° |
| 28 | <ul style="list-style-type: none"> Depressed center Similar to the Type 27 wheel but angled upward and away from mounting hole Saucer-shaped grinding rim designed for corner grinding and side grinding | ● | | | Angle grinder | 15° |
| 29 | <ul style="list-style-type: none"> Reversed, saucer-shaped grinding rims | | ● | | Angle grinder | 15° |
| 1 | <ul style="list-style-type: none"> Disc with mounting hole Also called a straight wheel Grinding done on the periphery (outside curve) of the wheel | | | ● | Angle grinder | 90° |
| 11 | <ul style="list-style-type: none"> Cup wheel Designed for removal of large amounts of stock | | | | Angle grinder | 30° |





**CUT-OFF
WHEELS**



TYPE 1 METAL CUT-OFF WHEELS

Aluminum oxide metal cut-off wheels. Designed for metal cutting, metal abrasion, body work, metal fabrication and general repair work. Used on ferrous materials. Designed to be used on die and air grinders only. Quantity discounts available. ISO 9001 certified.

| CAT# | DESCRIPTION | MAX RPM | WHEEL SIZE (IN.) | THICKNESS (IN.) | ARBOR | TOOL | CODE |
|-------|--------------------|---------|------------------|-----------------|----------|----------------------|---------|
| 71840 | ● Metal | 25,450 | 3" | 1/16" | 1/4" | Die grinder | A46T-BF |
| 71841 | ● Metal | 25,450 | 3" | 1/16" | 3/8" | Die grinder | A46T-BF |
| 71842 | ● Metal | 25,450 | 3" | 1/8" | 1/4" | Die grinder | A36T-BF |
| 71843 | ● Metal | 25,450 | 3" | 1/8" | 3/8" | Die grinder | A36T-BF |
| 71855 | ● Metal | 25,450 | 3" | 1/32" | 3/8" | Die grinder | A60T-BF |
| 71844 | ● Metal | 19,100 | 4" | 1/16" | 3/8" | Die grinder | A46T-BF |
| 71845 | ● Metal | 19,100 | 4" | 1/8" | 3/8" | Die grinder | A36T-BF |
| 71846 | ● Metal | 19,100 | 4" | 1/16" | 5/8" | Angle grinder | A46T-BF |
| 71856 | ● Metal | 19,100 | 4" | 1/32" | 3/8" | Die grinder | A60T-BF |
| 71857 | ● Metal | 19,100 | 4" | .040" | 5/8" | Angle grinder | A46T-BF |
| 71802 | ● Metal * 71772 | 13,580 | 4-1/2" | .040" | 7/8" | Angle grinder | A60T-BF |
| 71815 | ● Metal | 13,580 | 4-1/2" | .080" | 7/8" | Angle grinder | A46T-BF |
| 71847 | ● Metal | 13,580 | 4-1/2" | 1/16" | 7/8" | Angle grinder | A46T-BF |
| 71849 | ● Metal * 71774 | 13,580 | 4-1/2" | 1/8" | 7/8" | Angle grinder | A36T-BF |
| 71854 | ● Metal * 71775 | 13,580 | 4-1/2" | .045" | 7/8" | Angle grinder | A60T-BF |
| 71850 | ● Metal | 12,225 | 5" | 1/16" | 7/8" | Angle grinder | A46T-BF |
| 71791 | ● Metal | 10,185 | 6" | 1/16" | 7/8" | Angle grinder | A46T-BF |
| 71797 | ● Metal | 10,185 | 6" | .040" | 7/8" | Angle grinder | A60T-BF |
| 71799 | ● Metal | 10,185 | 6" | 1/16" | 5/8" | Angle grinder | A46T-BF |
| 71892 | ● Metal | 8,600 | 7" | 1/8" | 5/8" DIA | Circular saw | A24R-BF |
| 72318 | ● Metal | 8,600 | 7" | 1/16" | 5/8" | Angle grinder | A46T-BF |
| 71860 | ● Metal | 6,100 | 10" | 1/8" | 5/8" | Chop saw | A36R-BF |
| 71864 | ● Metal | 6,100 | 10" | 3/32" | 1" | Chop saw | A36R-BF |
| 71865 | ● Metal | 5,095 | 12" | 3/32" | 1" | Chop saw | A36R-BF |
| 72351 | ● Metal | 6,300 | 12" | 5/32" | 20mm | Hand held gas/HS saw | A24R-BF |
| 72352 | ● Metal | 6,300 | 12" | 5/32" | 1" | Hand held gas/HS saw | A24R-BF |
| 71866 | ● Metal | 4,366 | 14" | 3/32" | 1" | Chop saw | A36R-BF |
| 72355 | ● Metal | 5,400 | 14" | 5/32" | 20mm | Hand held gas/HS saw | A24R-BF |
| 72356 | ● Metal | 5,400 | 14" | 5/32" | 1" | Hand held gas/HS saw | A24R-BF |
| 72379 | ● Metal | 4,400 | 14" | 1/8" | 1" | Chop saw | A30O-BF |

*Available in 20-piece bulk pack



TYPE 27 METAL, ALUMINUM & STEEL CUT-OFF WHEELS

Aluminum oxide metal cut-off wheels. Designed for metal cutting, metal abrasion, body work, metal fabrication and general repair work. Used on ferrous materials. Designed to be used on angle grinders with proper adapters. Quantity discounts available.

| CAT# | DESCRIPTION | MAX RPM | WHEEL SIZE (IN.) | THICKNESS (IN.) | ARBOR | TOOL | CODE |
|-------|------------------------------|---------|------------------|-----------------|-------|---------------------|----------|
| 71793 | ● Metal *71781 | 13,580 | 4-1/2" | 0.045" | 7/8" | Angle grinder | A60T-BF |
| 71800 | ● Metal * 71782 | 13,580 | 4-1/2" | 0.090" | 7/8" | Angle grinder | A36R-BF |
| 71801 | ● Metal * 71783 | 13,580 | 4-1/2" | 0.040" | 7/8" | Angle grinder | A60T-BF |
| 71848 | ● Metal | 13,580 | 4-1/2" | 1/8" | 7/8" | Angle grinder | A24R |
| 71807 | ● Stainless Steel * 71786 | 13,580 | 4-1/2" | 0.045" | 7/8" | Right angle grinder | A46Q-BF |
| 71814 | ● Aluminum * 71788 | 13,580 | 4-1/2" | 0.045" | 7/8" | Right angle grinder | AL46N-BF |

*Available in 20-piece bulk pack



TYPE 1 STATIONARY "STUD MASTER" CHOP SAW BLADES

Aluminum oxide grain. Specifically formulated for metal studs, light gauge metals and thin rebar. Designed to be used on chop saws only. Quantity discounts available. ISO 9001 certified.

| CAT# | DESCRIPTION | MAX RPM | WHEEL SIZE (IN.) | THICKNESS (IN.) | ARBOR | TOOL | CODE |
|-------|-------------|---------|------------------|-----------------|-------|----------|---------|
| 71872 | ● Metal | 5,100 | 12" | 3/32" | 1" | Chop saw | A46R-BF |
| 71874 | ● Metal | 4,366 | 14" | 3/32" | 1" | Chop saw | A46R-BF |

**CAT# 71798****5-PIECE 3 IN. TYPE 1 STEEL
CUT-OFF WHEEL KIT**

3" cut-off wheel kit (5-piece) with 1/4" shaft mandrel. Includes 1-each Forney® 71840, 71841 and 71855, Type 1 steel cut-off wheels, plus Forney® 72386 mandrel set.

**CAT# 72386****MANDREL SET**

Mandrel kit for Type 1 cut-off wheels. Includes both 1/4" (6.35mm) and 3/8" (9.52mm) arbor holes. Included in Forney® 71798.



GET THE JOB DONE RIGHT



Forney®



TYPE 1 CONCRETE, MASONRY & ASPHALT CUT-OFF WHEELS

Silicon carbide and dual fiberglass reinforced. Used primarily on ceramic, masonry, plastic and other non-ferrous materials. Quality made to provide fast, safe, dependable service. Designed to be used on right angle grinders only. Quantity discounts available. ISO 9001 certified.

| CAT# | DESCRIPTION | MAX RPM | WHEEL SIZE (IN.) | THICKNESS (IN.) | ARBOR | TOOL | CODE |
|-------|--|---------|------------------|-----------------|-------|---------------------|---------|
| 71851 | Masonry | 15,280 | 4" | 1/16" | 5/8" | Angle grinder | C24R-BF |
| 71852 | Masonry Available in 25-piece bulk pack (Forney® 71779) | 13,580 | 4-1/2" | 1/16" | 7/8" | Angle grinder | C24R-BF |
| 71893 | Masonry | 8,600 | 7" | 1/8" | 5/8" | Circular saw | C24R-BF |
| 72314 | Masonry | 8,600 | 7" | 1/16" | 5/8" | Circular saw | C24R-BF |
| 71889 | Masonry/Asphalt | 6,100 | 10" | 1/8" | 5/8" | Stationary saw | C20R-BF |
| 71894 | Masonry/Asphalt | 5,100 | 12" | 1/8" | 1" | Stationary saw | C20R-BF |
| 72353 | Masonry/Asphalt | 6,300 | 12" | 5/32" | 20mm | Handheld gas/HS saw | C24R-BF |
| 72354 | Masonry/Asphalt | 6,300 | 12" | 5/32" | 1" | Handheld gas/HS saw | C24R-BF |
| 71895 | Masonry/Asphalt | 4,365 | 14" | 1/8" | 1" | Stationary saw | C20R-BF |
| 72357 | Masonry/Asphalt | 5,400 | 14" | 5/32" | 20mm | Handheld gas/HS saw | C24R-BF |
| 72358 | Masonry/Asphalt | 5,400 | 14" | 5/32" | 1" | Handheld gas/HS saw | C24R-BF |
| 72360 | Asphalt/Concrete | 4,366 | 14" | 3/16" | 1" | Walk behind saw | C16R-BF |



TYPE 27 TRIM-KUT® CUT-OFF WHEELS

Trim-Kut® is a revolutionary abrasive disc designed to grind and finish a wide variety of materials faster and cooler than any other abrasive disc available today. This durable disc can be used for grinding or sanding. The unique one-piece design eliminates the need for a backing pad.

| CAT# | DESCRIPTION | SIZE (IN.) | TOOL | GRIT |
|-------|---|------------|----------------|------|
| 72445 | Trim-Kut® Tuffy Cut-off Wheel Use with Trim-Kut® Mandrel (Forney® 72448) | 3" | Electric drill | 36 |
| 72446 | Trim-Kut® Tuffy Cut-off Wheel Use with Trim-Kut® Mandrel (Forney® 72448) | 3" | Electric drill | 60 |
| 72447 | Trim-Kut® Tuffy Cut-off Wheel Use with Trim-Kut® Mandrel (Forney® 72448) | 3" | Electric drill | 120 |
| 72451 | Trim-Kut® Tuffy Cut-off Wheel, Depressed Center | 4-1/2" | Angle grinder | 36 |
| 72452 | Trim-Kut® Tuffy Cut-off Wheel, Depressed Center | 4-1/2" | Angle grinder | 60 |
| 72453 | Trim-Kut® Tuffy Cut-off Wheel, Depressed Center | 4-1/2" | Angle grinder | 120 |



CAT# 72442

TRIM KUT® ABRASIVES DISPLAY

15-piece Trim Kut® abrasives display. Includes 3-each Forney® 72445, 72446 & 72447; and 6-each 72448; **PLUS FREE 1-EACH 72444 DISPLAY TRAY.**



CAT# 72454

4-PIECE TRIM-KUT® ASSORTMENT

Assortment of Trim-Kut® cut-off wheels with mandrel.



CAT# 72448

TRIM-KUT® MANDREL, FITS 1/4" CHUCK

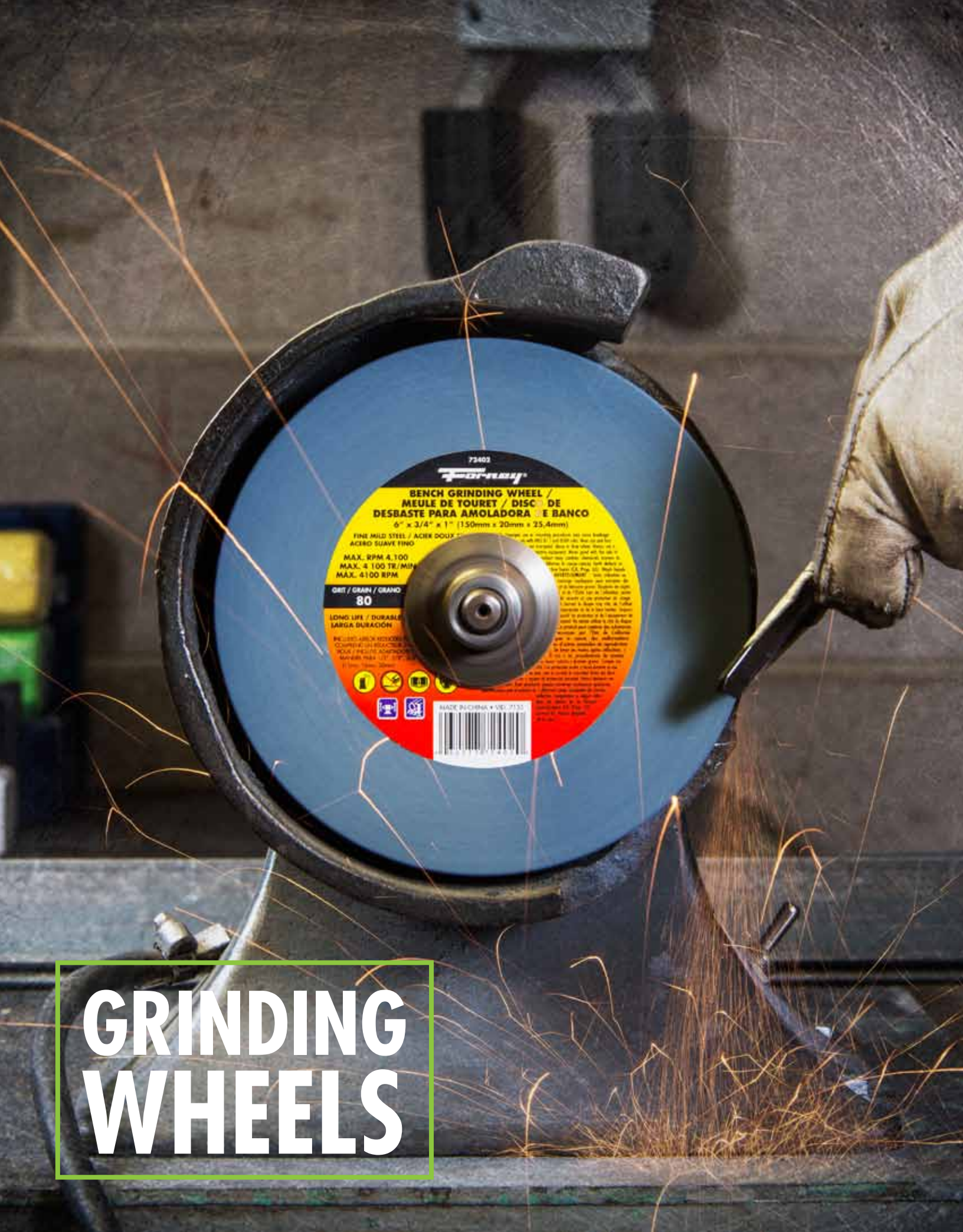
1/4" (6.35mm) round Trim-Kut® mandrel. Attaches Trim-Kut® discs to electric drill. Use with Forney® 72445, 72446 and 72447 Trim-Kut® cut-off wheels.



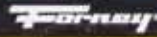
CUT THROUGH ANYTHING

Get the job done right with Forney® cut-off wheels that do the hard work for you.

Forney®



73403



**BENCH GRINDING WHEEL /
MEULE DE TOURET / DISC DE
DESBASTE PARA AMOLADORA DE BANCO**

6" x 3/4" x 1" (150mm x 20mm x 25,4mm)

FINE MILD STEEL / ACIER DOUX
ACERO SUAVE FINO
MAX. RPM 4,100
MAX. 4 100 TR/MIN
MAX. 4100 RPM

GRIT / GRAIN / GRANO
80

LONG LIFE / DURABLE
LARGA DURACION

BE CAREFUL! READ INSTRUCTIONS
COMPRENDRE LES INSTRUCTIONS
¡CUIDADO! LEER LAS INSTRUCCIONES



MADE IN CHINA • VEC 7733



GRINDING WHEELS



TYPE 1 BENCH GRINDING WHEELS

Vitrified bond, aluminum oxide wheel. Designed for most stationary bench grinders. For general grinding and sharpening applications on mild steel. Not for carbide applications. All wheels come with reducing bushings.

| CAT# | DESCRIPTION | MAX RPM | WHEEL SIZE (IN.) | THICKNESS (IN.) | ARBOR | TOOL | GRIT |
|-------|--------------|---------|------------------|-----------------|-------|---------------|---------------------|
| 72400 | ● Mild steel | 4,100 | 6" | 3/4" | 1" | Bench grinder | 60 Medium |
| 72401 | ● Mild steel | 4,100 | 6" | 3/4" | 1" | Bench grinder | 36 Coarse |
| 72402 | ● Mild steel | 4,100 | 6" | 3/4" | 1" | Bench grinder | 80 Fine |
| 72403 | ● Mild steel | 4,100 | 6" | 1" | 1" | Bench grinder | 36 Coarse |
| 72404 | ● Mild steel | 4,100 | 6" | 1" | 1" | Bench grinder | 60 Medium |
| 72405 | ● Mild steel | 4,100 | 6" | 1" | 1" | Bench grinder | 80 Fine |
| 72406 | ● Mild steel | 3,600 | 7" | 1" | 1" | Bench grinder | 36 Coarse |
| 72407 | ● Mild steel | 3,600 | 7" | 1" | 1" | Bench grinder | 60 Medium |
| 72408 | ● Mild steel | 3,600 | 7" | 1" | 1" | Bench grinder | 80 Fine |
| 72397 | ● Mild steel | 2,865 | 8" | 1" | 1" | Bench grinder | 60 Medium |
| 72398 | ● Mild steel | 2,865 | 8" | 1" | 1" | Bench grinder | 36 Coarse |



CAT# 72390

10-1/2 IN. GRINDING WHEEL DRESSER

10-1/2" (266.7mm) grinding wheel dresser. Heat treated carbon steel cutters. To re-true and clean the surface of an abrasive wheel. Replacement cutters (Forney® 72391) can be purchased separately.



CAT# 72395

REDUCING BUSHING

Reducing bushing adapters for 3/4" thick bench grinding wheels. Arbor reducing bushings. Reduces arbor to multi-sizes: 1/2" (12.7mm) or 5/8" (15.88mm).



CAT# 72396

REDUCING BUSHING

Reducing bushing adapters for 1" thick bench grinding wheels. Arbor reducing bushings. Reduces arbor to multi-sizes: 1/2" (12.7mm), 5/8" (15.88mm) or 3/4" (19.05mm).

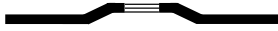


TYPE 27 METAL GRINDING WHEELS

Aluminum oxide or zirconium grain metal grinding wheels. Designed for metal grinding, metal abrasion, body work, metal fabrication and general repair work. Used on ferrous materials. Designed to be used on angle grinders. Quantity discounts available.

Forney® Flex Discs will become flexible as they warm up. This innovative concept combines advantages of depressed center grinding wheels and resin fiber discs. As heat builds up during use, the double reinforced wheel becomes flexible and pliable, conforming to the surface being ground. This flex during the grinding process creates a large surface contact area for easy finish quality blending operations and reduced risk of gouging material. Great for auto body work. Designed for metal grinding, metal abrasion, metal fabrication and general repair work.

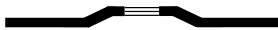
| CAT# | DESCRIPTION | MAX RPM | WHEEL SIZE (IN.) | THICKNESS (IN.) | ARBOR | TOOL | CODE |
|----------|---------------------------------|---------|------------------|-----------------|---------|---------------|----------|
| 71875 | ● Metal | 13,700 | 4" | 1/8" | 5/8" | Angle grinder | A30R |
| 71876 | ● Metal | 13,700 | 4" | 1/4" | 5/8" | Angle grinder | A24R |
| 72295 | ● Metal Forney® Flex 36 Grit | 13,700 | 4" | 1/8" | 5/8" | Angle grinder | AC36R-BF |
| 72296 | ● Metal Forney® Flex 60 Grit | 13,700 | 4" | 1/8" | 5/8" | Angle grinder | AC60-BF |
| 72306 IP | ● Metal | 13,700 | 4" | 1/8" | 5/8" | Angle grinder | ZA24R |
| 72307 IP | ● Metal | 13,700 | 4" | 1/4" | 5/8" | Angle grinder | ZA24R |
| 71818 | ● Metal | 13,300 | 4-1/2" | 1/8" | 5/8"-11 | Angle grinder | A24R |
| 71819 | ● Metal | 13,300 | 4-1/2" | 1/4" | 5/8"-11 | Angle grinder | A24R |
| 71877 | ● Metal | 13,300 | 4-1/2" | 1/4" | 7/8" | Angle grinder | A24R |
| 72299 | ● Metal Forney® Flex 36 Grit | 13,300 | 4-1/2" | 1/8" | 7/8" | Angle grinder | AC36R-BF |
| 72300 | ● Metal Forney® Flex 36 Grit | 13,300 | 4-1/2" | 1/8" | 7/8" | Angle grinder | AC60-BF |
| 72308 IP | ● Metal | 13,300 | 4-1/2" | 1/4" | 7/8" | Angle grinder | ZA24R |
| 71878 | ● Metal | 12,000 | 5" | 1/4" | 7/8" | Angle grinder | A24R |
| 72309 IP | ● Metal | 12,200 | 5" | 1/4" | 7/8" | Angle grinder | ZA24R |
| 71825 | ● Metal | 8,500 | 7" | 1/8" | 7/8" | Angle grinder | A30R |
| 71827 | ● Metal | 8,500 | 7" | 1/4" | 7/8" | Angle grinder | A24R |
| 71836 | ● Metal | 8,500 | 7" | 1/8" | 5/8"-11 | Angle grinder | A30R |
| 71879 | ● Metal | 8,500 | 7" | 1/4" | 5/8"-11 | Angle grinder | A24R |
| 72310 IP | ● Metal | 8,500 | 7" | 1/4" | 5/8"-11 | Angle grinder | ZA24R |
| 71882 | ● Metal | 6,500 | 8" | 1/4" | 5/8"-11 | Angle grinder | A24R |
| 71833 | ● Metal | 6,500 | 9" | 1/4" | 7/8" | Angle grinder | A24R |
| 71883 | ● Metal | 6,500 | 9" | 1/4" | 5/8"-11 | Angle grinder | A24R |
| 72316 IP | ● Metal | 6,500 | 9" | 1/4" | 5/8"-11 | Angle grinder | ZA24R |



TYPE 27 MASONRY GRINDING WHEELS

Silicon carbide and dual fiberglass reinforced. Used primarily on ceramic, masonry, plastic, and other non-ferrous materials. Quality made to provide fast, safe, dependable service. Designed to be used on angle grinders. Quantity discounts available.

| CAT# | DESCRIPTION | MAX RPM | WHEEL SIZE (IN.) | THICKNESS (IN.) | ARBOR | TOOL | CODE |
|-------|-------------|---------|------------------|-----------------|---------|---------------|---------|
| 71896 | ● Masonry | 15,200 | 4" | 1/4" | 5/8" | Angle grinder | C24S-BF |
| 71888 | ● Masonry | 13,300 | 4-1/2" | 1/4" | 5/8"-11 | Angle grinder | C24S-BF |
| 71897 | ● Masonry | 13,300 | 4-1/2" | 1/4" | 7/8" | Angle grinder | C24S-BF |
| 71898 | ● Masonry | 8,500 | 7" | 1/4" | 5/8"-11 | Angle grinder | C24R-BF |
| 71899 | ● Masonry | 6,500 | 9" | 1/4" | 5/8"-11 | Angle grinder | C24R-BF |



TYPE 27 ALUMINUM GRINDING WHEELS

Aluminum oxide and silicon carbide aluminum grinding wheels. Designed for aluminum grinding, body work, fabrication and general repair work. Used on non-ferrous materials. Designed to be used on angle grinders. Quantity discounts available.

| CAT# | DESCRIPTION | MAX RPM | WHEEL SIZE (IN.) | THICKNESS (IN.) | ARBOR | TOOL | CODE |
|-------|-------------|---------|------------------|-----------------|---------|---------------|------|
| 71885 | ● Aluminum | 13,700 | 4" | 1/4" | 5/8" | Angle grinder | A46S |
| 71886 | ● Aluminum | 13,300 | 4-1/2" | 1/4" | 7/8" | Angle grinder | A46N |
| 71890 | ● Aluminum | 8,500 | 7" | 1/4" | 5/8"-11 | Angle grinder | A30P |



TYPE 28 METAL GRINDING WHEELS

Aluminum oxide metal grinding wheels. Designed for metal grinding, metal abrasion, body work, metal fabrication and general repair work. Used on ferrous materials. Designed to be used on angle grinders. Hat-shaped grinding wheels designed to perform at a 10 to 15 degree grinding angle, avoiding operator fatigue one might experience when grinding with a Type 27 wheel at a 30-40 degree angle. This unique shape delivers more abrasive grain to the work surface to ensure maximum material removal. Quantity discounts available.

| CAT# | DESCRIPTION | MAX RPM | WHEEL SIZE (IN.) | THICKNESS (IN.) | ARBOR | TOOL | CODE |
|-------|------------------------|---------|------------------|-----------------|---------|---------------|------|
| 71826 | ● Metal (Koole Kap) | 8,500 | 7" | 1/4" | 5/8"-11 | Angle grinder | A24R |
| 71834 | ● Metal (Koole Kap) | 6,500 | 9" | 1/4" | 5/8"-11 | Angle grinder | A24R |

**CAT# 72374****TYPE 11 MASONRY/
CONCRETE GRINDING WHEEL**

Cup wheel, masonry/concrete. 5" with 5/8"-11 arbor. Designed for removal of large amounts of stock. 5" (127mm) x 2" (50.8mm) with 5/8"-11 threaded hub. C16 (silicon dioxide). Max RPM: 7,250.

**CAT# 72375****TYPE 11 STEEL
GRINDING WHEEL**

Cup wheel, metal. 5" with 5/8"-11 arbor. Designed for removal of large amounts of stock. 5" (127mm) x 2" (50.8mm) with 5/8"-11 threaded hub. A16Q (aluminum oxide). Max RPM: 7,250. 16 grit resinoid bond.

**CAT# 72324****BACKPLATE FOR TYPE 27
GRINDING WHEELS**

Backplate for Type 27 depressed center wheels mounts, 7" (177.8mm) and larger Type 27 depressed center wheels, without arbor, to 5/8"-11 angle grinder shaft.



GET IT DONE WITH
GREEN



Forney®

DIAMOND BLADES & CUP WHEELS



CAT# 71510



DOUBLE ROW DIAMOND CUP GRINDING WHEEL

Diamond cup wheel, 4" double row with 5/8"-11 arbor. Designed for easy removal, shaping and smoothing of concrete, masonry and stone aggregates. The double row provides a very smooth finish and high material removal with each pass. Works with all common 4" (101.6mm) and 4-1/2" (114.3mm) angle grinders. Features a standard 5/8"-11 threaded arbor with wrench flats for easy removal from power tools.

| CAT# | WHEEL SIZE | ARBOR | TOOL |
|-------|------------|---------|---------------|
| 71510 | 4" | 5/8"-11 | Angle grinder |



CAT# 71566



HIGH SPEED DIAMOND CONTRACTOR BLADE

Premium diamond high speed contractor blade. General purpose. For wet or dry cutting of concrete, brick, block, pavers and other building materials. For use with high speed gas powered saws, walk behind machines and tile/brick table saws. Arbor size: 1" (25.4mm) with 20mm adapter and drive pin hole.

| CAT# | WHEEL SIZE | ARBOR | TOOL |
|-------|------------|-------|---------------------------------------|
| 71566 | 12" | 1" | Gas-powered, walk behind or table saw |
| 71568 | 14" | 1" | Gas-powered, walk behind or table saw |



CAT# 71560



TURBO DIAMOND CUT-OFF BLADE

Diamond cut-off blade. Turbo diamond blades are continuous rim and are used for general purpose dry cutting of marble, granite and stone surfaces where a smooth precise cut is needed. For use on angle grinders and circular saws. Arbor size: 7/8" (22.22mm) with 5/8" (15.86mm) adapter.

| CAT# | WHEEL SIZE | ARBOR | TOOL |
|-------|------------|-------|-----------------------------|
| 71560 | 4" | 7/8" | Angle grinder, circular saw |
| 71561 | 4-1/2" | 7/8" | Angle grinder, circular saw |
| 71562 | 7" | 7/8" | Angle grinder, circular saw |



CAT# 71563



SEGMENTED CONCRETE & MASONRY DIAMOND BLADE

Diamond cut-off blade. Segmented diamond blades are used for dry cutting general purpose concrete and masonry. For use on angle grinders and circular saws. Arbor size: 7/8" (22.22mm) with 5/8" (15.86mm) adapter.

| CAT# | WHEEL SIZE | ARBOR | TOOL |
|-------|------------|-------|-----------------------------|
| 71563 | 4" | 7/8" | Angle grinder, circular saw |
| 71564 | 4-1/2" | 7/8" | Angle grinder, circular saw |
| 71565 | 7" | 7/8" | Angle grinder, circular saw |



CAT# 71556



CONTINUOUS RIM DIAMOND TILE BLADE

Diamond tile-cutting blade. Dry cut continuous smooth rim diamond tile blade. For cutting thin stock tiles 2" (50.8mm) and less in thickness, ceramics, granite and marble. Very thin kerf (width of cutting area). Arbor size: 7/8" (22.22mm) with 5/8" (15.86mm) adapter.

| CAT# | WHEEL SIZE | ARBOR | TOOL |
|-------|------------|-------|-----------------------------|
| 71556 | 4" | 7/8" | Angle grinder, circular saw |
| 71557 | 4-1/2" | 7/8" | Angle grinder, circular saw |
| 71558 | 7" | 7/8" | Angle grinder, circular saw |



**FLAP DISCS
& WHEELS**



CAT# 60181



CAT# 60184



CAT# 60187



CAT# 60190



1/4" SHAFT MOUNTED FLAP WHEELS

Features durable, high-grade aluminum oxide coating for aggressive cleaning and refinishing on most wood or metal surfaces. Features 1/4" shafts for mounting on power drills and other chuck driven machines.

| CARD# CAT# | BULK CAT# | MAX RPM | DIAMETER (IN.) | HEIGHT (IN.) | GRIT | TOOL |
|------------|-----------|---------|----------------|--------------|------|-------------|
| 60190 | 71694 | 25,000 | 1" | 1" | 60 | Power drill |
| 60191 | 71695 | 25,000 | 1" | 1" | 80 | Power drill |
| 60192 | 71696 | 25,000 | 1" | 1" | 120 | Power drill |
| 60187 | 71691 | 25,000 | 1-1/2" | 1/2" | 60 | Power drill |
| 60188 | 71692 | 25,000 | 1-1/2" | 1/2" | 80 | Power drill |
| 60189 | 71693 | 25,000 | 1-1/2" | 1/2" | 120 | Power drill |
| 60184 | 71688 | 25,000 | 2" | 1" | 60 | Power drill |
| 60185 | 71689 | 25,000 | 2" | 1" | 80 | Power drill |
| 60186 | 71690 | 25,000 | 2" | 1" | 120 | Power drill |
| 60181 | 71685 | 20,000 | 3" | 1" | 60 | Power drill |
| 60182 | 71686 | 20,000 | 3" | 1" | 80 | Power drill |
| 60183 | 71687 | 20,000 | 3" | 1" | 120 | Power drill |

CAT# 60180

12-PIECE FLAP WHEEL ASSORTMENT

Includes 1-each Forney® 60181, 60182, 60183, 60184, 60185, 60186, 60187, 60188, 60189, 60190, 60191 & 60192; **PLUS FREE 12-EACH 10232.**

CAT# 71683

15-PIECE 3 IN. FLAP WHEEL ASSORTMENT

Includes 5-each Forney® 71685-71686-71687; **PLUS FREE 1-EACH 10385.**

CAT# 71697

30-PIECE 1 IN. FLAP WHEEL ASSORTMENT

Includes 10-each Forney® 71694-71695-71696; **PLUS FREE 1-EACH 10385.**

CAT# 71682

12-PIECE MOUNTED FLAP WHEEL DISPLAY

Includes 1-each Forney® 71685, 71686, 71687, 71688, 71689, 71690, 71691, 71692, 71693, 71694, 71695 & 71696; **PLUS FREE 1-EACH 71680 & 71681.**



TYPE 29 FLAP DISCS

Blue zirconia flap discs for 4" or 4-1/2" angle grinders. Cuts fast and outlasts sanding discs 10 to 1. Great flexibility. Ideal for rough or fine finishing. High density discs are ideal for extra tough jobs.

| CAT# | ADDITIONAL FEATURES | MAX RPM | WHEEL SIZE (IN.) | ARBOR | TOOL | GRIT | CODE |
|-------|----------------------|---------|------------------|---------|---------------|------|-------|
| 71991 | | 15,200 | 4" | 5/8" | Angle grinder | 36 | ZA36 |
| 71992 | | 15,200 | 4" | 5/8" | Angle grinder | 60 | ZA60 |
| 71993 | | 15,200 | 4" | 5/8" | Angle grinder | 80 | ZA80 |
| 71920 | High density "Jumbo" | 13,300 | 4-1/2" | 5/8"-11 | Angle grinder | 40 | ZA40 |
| 71921 | High density "Jumbo" | 13,300 | 4-1/2" | 5/8"-11 | Angle grinder | 60 | ZA60 |
| 71922 | High density "Jumbo" | 13,300 | 4-1/2" | 5/8"-11 | Angle grinder | 80 | ZA80 |
| 71930 | | 13,300 | 4-1/2" | 5/8"-11 | Angle grinder | 36 | ZA36 |
| 71931 | | 13,300 | 4-1/2" | 5/8"-11 | Angle grinder | 60 | ZA60 |
| 71932 | | 13,300 | 4-1/2" | 5/8"-11 | Angle grinder | 80 | ZA80 |
| 71933 | | 13,300 | 4-1/2" | 5/8"-11 | Angle grinder | 120 | ZA120 |
| 71985 | | 13,300 | 4-1/2" | 7/8" | Angle grinder | 40 | ZA40 |
| 71986 | | 13,300 | 4-1/2" | 7/8" | Angle grinder | 60 | ZA60 |
| 71987 | | 13,300 | 4-1/2" | 7/8" | Angle grinder | 80 | ZA80 |
| 71988 | | 13,300 | 4-1/2" | 7/8" | Angle grinder | 120 | ZA120 |



TYPE 27 FLAP DISCS

Blue zirconia flap discs for 4", 4-1/2", 7" or 7-1/2" angle grinders. Cuts fast and outlasts sanding discs 10 to 1. Multiple layers of zirconia cloth flaps constantly exposing new extra sharp grinding points. Laminated by state-of-the-art automated equipment. Reinforced fiberglass backing plate. Each disc is balance tested for vibration-free grinding/finishing. High density discs are ideal for the extra tough jobs.

| CAT# | MAX RPM | WHEEL SIZE (IN.) | ARBOR | TOOL | GRIT | CODE |
|-------|---------|------------------|---------|---------------|------|-------|
| 71926 | 13,300 | 4-1/2" | 7/8" | Angle grinder | 36 | ZA36 |
| 71927 | 13,300 | 4-1/2" | 7/8" | Angle grinder | 60 | ZA60 |
| 71928 | 13,300 | 4-1/2" | 7/8" | Angle grinder | 80 | ZA80 |
| 71929 | 13,300 | 4-1/2" | 7/8" | Angle grinder | 120 | ZA120 |
| 71935 | 8,500 | 7" | 7/8" | Angle grinder | 40 | ZA40 |
| 71936 | 8,500 | 7" | 7/8" | Angle grinder | 60 | ZA60 |
| 71938 | 8,500 | 7" | 5/8"-11 | Angle grinder | 40 | ZA40 |
| 71939 | 8,500 | 7" | 5/8"-11 | Angle grinder | 60 | ZA60 |





MICRO ABRASIVES



SHAFT MOUNTED TUNGSTEN CARBIDE BURRS

Shaft mounted tungsten carbide burrs are double-cut for fine work. Designed for use on ferrous metals, plastic, fiberglass and other machinable materials. Great for deburring, sculpting and removing material in hard-to-reach areas. Designed for use with high speed die grinders like Forney® 01993. 1/4" shaft.

| CAT# | DESCRIPTION | MAX RPM | DIAMETER (IN.) | TYPE | TOOL | IMAGE |
|-------|---------------|---------|----------------|-------|------------------------|-------|
| 60120 | Cylindrical | 70,000 | 1/4" | SA-1 | High speed die grinder | |
| 60121 | Cylindrical | 70,000 | 3/8" | SA-3 | High speed die grinder | |
| 60122 | Ball Shape | 70,000 | 1/4" | SD-1 | High speed die grinder | |
| 60123 | Ball Shape | 70,000 | 3/8" | SD-3 | High speed die grinder | |
| 60124 | Tree Radius | 70,000 | 1/4" | SF-1 | High speed die grinder | |
| 60125 | Tree Radius | 70,000 | 3/8" | SF-3 | High speed die grinder | |
| 60126 | Tree Pointed | 70,000 | 1/4" | SG-1 | High speed die grinder | |
| 60127 | Tree Pointed | 70,000 | 3/8" | SG-3 | High speed die grinder | |
| 60135 | Ball Shaped | 90,000 | 1/8" | SD-42 | High speed die grinder | |
| 60136 | Taper Shaped | 90,000 | 1/8" | SF-42 | High speed die grinder | |
| 60137 | Tree Pointed | 90,000 | 1/8" | SH-41 | High speed die grinder | |
| 60138 | Taper Pointed | 90,000 | 1/8" | SM-42 | High speed die grinder | |
| 60139 | Oval Shaped | 90,000 | 1/4" | SE-51 | High speed die grinder | |
| 60140 | Cylindrical | 90,000 | 1/8" | SA-43 | High speed die grinder | |

CAT# 60119

14-PIECE CARBIDE BURR ASSORTMENT











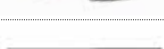

Includes 1-each Forney® 60120, 60121, 60122, 60123, 60124, 60125, 60126, 60127, 60135, 60136, 60137, 60138, 60139 & 60140; **PLUS FREE 14-EACH 10230.**





1/4" SHAFT MOUNTED RASPS & ROTARY FILES

Shaft mounted rasps and rotary files are tough, rugged tools made from special tempered steel. Wood rasps remove material in hard-to-reach places. Ideal for powered hand drills to shape and smooth wood. Rotary files have specially hardened cutting edges. Can be used on steel, bronze, fiberglass, plastic and many other materials. Available carded or in bulk. Max RPM for both product types is 2,500. 1/4" shaft.

| CARDED CAT# | BULK CAT# | DESCRIPTION | MAX RPM | SIZE (IN.) | TOOL | IMAGE |
|-------------|-----------|---|---------|---------------|-------------|---|
| 60065 | 72485 | Rotary rasp, cylindrical with flat top | 2,500 | 1-3/8" x 5/8" | Power drill |  |
| 60066 | 72486 | Rotary rasp, cylindrical with round end | 2,500 | 1-3/8" x 5/8" | Power drill |  |
| 60067 | 72487 | Rotary rasp, tapered (olive shape) with round end | 2,500 | 1-3/8" x 5/8" | Power drill |  |
| 60068 | 72488 | Rotary rasp, conical | 2,500 | 1-3/8" x 5/8" | Power drill |  |
| 60069 | 72489 | Rotary file, cylindrical with rounded end | 2,500 | 1" x 1/2" | Power drill |  |
| 60070 | 72490 | Rotary file, bulb shaped | 2,500 | 1" x 5/8" | Power drill |  |
| 60071 | 72491 | Rotary file, conical with rounded end | 2,500 | 1" x 1/2" | Power drill |  |
| 60072 | 72492 | Rotary file, ball shaped | 2,500 | 1" x 1/2" | Power drill |  |
| 60073 | 72493 | Rotary file, cylindrical with flat top | 2,500 | 1" x 1/2" | Power drill |  |
| 60074 | 72494 | Rotary file, conical | 2,500 | 1" x 1/2" | Power drill |  |
| 60075 | 72495 | Rotary file, football | 2,500 | 1" x 1/2" | Power drill |  |
| 60076 | 72496 | Rotary file, cylindrical with flat top | 2,500 | 1" x 1/4" | Power drill |  |



CAT# 60216

2-PIECE TREE & CYLINDRICAL WOOD RASP SET

2-piece mini-rotary rasp set with 1/8" shaft. Includes cone and cylinder shaped rasps with 1/8" (3.18mm) shaft. For cutting soft metals, wood, plastic, etc. Max RPM: 30,000.



CAT# 60224

3-PIECE ROTARY FILE SET

3-piece rotary file set with 1/8" shaft. Includes 1-each cylinder, ball and bullet shaped rotary files. For cutting soft metals, wood, plastic, etc. Max RPM: 30,000.



CAT# 60254

2-PIECE ROTARY FILE SET

2-piece rotary file set with 1/8" shaft. Includes 1-each cone and flat cylinder shaped rotary files with 1" (25.4mm) x 1/8" (3.18mm) shaft. For use on wood, soft metals and plastic. Max RPM: 30,000.

CAT# 60193

122-PIECE MICRO-ABRASIVE OPENING INVENTORY

Includes 2-each Forney® 60201, 60202, 60203, 60204, 60205, 60206, 60207, 60208, 60209, 60211, 60212, 60213, 60214, 60215, 60216, 60217, 60218, 60219, 60220, 60221, 60222, 60223, 60224, 60225, 60226, 60227, 60228, 60230, 60231, 60232, 60233, 60234, 60235, 60236, 60237, 60238, 60239, 60240, 60241, 60242, 60243, 60244, 60245, 60246, 60247, 60248, 60249, 60250, 60251, 60252, 60253, 60254, 60255, 60256, 60259, 60260, 60261, 60262, 60263, 60264 & 60265; **PLUS FREE 1-EACH 10608; AND 61-EACH 10230.**

CAT# 60194

61-PIECE MICRO-ABRASIVE OPENING INVENTORY

Includes 1-each Forney® 60201, 60202, 60203, 60204, 60205, 60206, 60207, 60208, 60209, 60211, 60212, 60213, 60214, 60215, 60216, 60217, 60218, 60219, 60220, 60221, 60222, 60223, 60224, 60225, 60226, 60227, 60228, 60230, 60231, 60232, 60233, 60234, 60235, 60236, 60237, 60238, 60239, 60240, 60241, 60242, 60243, 60244, 60245, 60246, 60247, 60248, 60249, 60250, 60251, 60252, 60253, 60254, 60255, 60256, 60259, 60260, 60261, 60262, 60263, 60264 & 60265; **PLUS FREE 1-EACH 10608; AND 61-EACH 10230.**




CAT# 72482

12-PIECE ROTARY RASP & FILE DISPLAY

Includes 1-each Forney® 72485, 72486, 72487, 72488, 72489, 72490, 72491, 72492, 72493, 72494, 72495 & 72496; **PLUS FREE 1-EACH 72483.**

MINI BURRS

Mini burrs are excellent for etching and shaping wood, metal and plastics. 3/32" x 1-1/2" shaft. Max RPM 30,000.

| CARD# CAT# | DESCRIPTION | QUANTITY | MAX RPM | LENGTH (IN.) | SHAFT DIAMETER (IN.) | TOOL | IMAGE |
|------------|--------------|----------|---------|--------------|----------------------|--------------------------|---|
| 60255 | Flame shaped | 2 | 30,000 | 1-1/2" | 3/32" | Dremel® type rotary tool |  |
| 60256 | Cone shaped | 2 | 30,000 | 1-1/2" | 3/32" | Dremel® type rotary tool |  |
| 60259 | Ball shaped | 2 | 30,000 | 1-1/2" | 3/32" | Dremel® type rotary tool |  |



CAT# 60237

8-PIECE ASSORTED STYLES BURR SET

Mini steel burr set (8-piece). Assorted styles. 1/8" (3.18mm) shaft fits all name brand rotary tools such as: Dremel®, Moto-Tool®, Craftsman®, Wizard®, Black & Decker® and many other tools. Max RPM: 30,000.



SHAFT MOUNTED POINTS & GRINDING WHEELS

Shaft mounted points and grinding wheels are made from durable, high-grade 60 grit aluminum oxide. Perfect for grinding, polishing or deburring ferrous metals or other hard surfaces. For use with 1/4" chuck high speed drills. Especially useful where larger wheels won't fit or where small abrasive wheels wear out too quickly. Available in bulk or carded.

| CARD# | BULK CAT# | DESCRIPTION | MAX RPM | SIZE (IN.) | TYPE | TOOL | IMAGE |
|-------|-----------|--|---------|-----------------|------|-------------|---|
| 60025 | 72461 | Mounted point, flat top | 32,420 | 1-1/4" x 1" | A2 | Power drill |  |
| 60026 | 72462 | Mounted point, round top | 28,500 | 1-1/4" x 1-1/4" | A4 | Power drill |  |
| 60027 | 72463 | Mounted point, round top | 38,550 | 1-1/8" x 3/4" | A5 | Power drill |  |
| 60028 | 72464 | Mounted point, point top | 25,420 | 2" x 7/8" | A11 | Power drill |  |
| 60029 | 72465 | Mounted point, point top | 38,050 | 1-1/4" x 3/4" | A12 | Power drill |  |
| 60030 | 72466 | Mounted point, point top | 50,510 | 1-1/16" x 1/4" | A15 | Power drill |  |
| 60031 | 72467 | Mounted point, ball end | 40,300 | 1" x 3/4" | A23 | Power drill |  |
| 60032 | 72468 | Mounted point, round end | 56,000 | 3/4" X 1/4" | A24 | Power drill |  |
| 60033 | 72469 | Mounted point, ball shaped | 35,510 | 1" x 1" | A25 | Power drill |  |
| 60034 | 72470 | Mounted point, concave top cylindrical | 35,510 | 1" x 1" | A38 | Power drill |  |
| 60035 | 72471 | Mounted point, cylindrical | 37,890 | 1" x 1/2" | W218 | Power drill |  |
| 60036 | 72472 | Mounted point, cylindrical | 30,370 | 1" x 1" | W220 | Power drill |  |
| 60050 | 72412 | Mounted grinding wheel, cylindrical | 3,450 | 1" x 1" | | Power drill |  |
| 60051 | 72413 | Mounted grinding wheel, cylindrical | 3,450 | 1-1/2" x 1" | | Power drill |  |
| 60052 | 72414 | Mounted grinding wheel | 3,450 | 2" x 1/4" | | Power drill |  |
| 60053 | 72415 | Mounted grinding wheel | 3450 | 2" x 1/2" | | Power drill |  |
| 60054 | 72416 | Mounted grinding wheel | 3450 | 2-1/2" x 1/4" | | Power drill |  |
| 60055 | 72417 | Mounted grinding wheel | 3450 | 2-1/2" x 1/2" | | Power drill |  |

**CAT# 60221****3-PIECE MOUNTED POINT SET**

Includes 1/2" (12.7mm) x 1/2" (12.7mm) cylinder, 1/4" (6.35mm) x 1/2" (12.7mm) ball end and 1/8" (3.18mm) tree point mounted points with 1/8" (3.18mm) shaft. For cutting soft metals, wood, plastic, etc. Max RPM: 30,000.

**CAT# 60238****20-PIECE ASSORTED DIAMOND POINT SET**

20-piece diamond point set. Includes assorted shapes and sizes of nickel bonded diamond points. 1/8" (3.18mm) shaft. Excellent for deburring, etching and smoothing of glass, plastic, ceramics and metals. Max RPM: 30,000.

CAT# 60024**24-PIECE ROTARY RASP & MOUNTED POINT OPENING INVENTORY**

Includes 1-each Forney® 60025, 60026, 60027, 60028, 60029, 60030, 60031, 60032, 60033, 60034, 60035, 60036, 60065, 60066, 60067, 60068, 60069, 60070, 60071, 60072, 60073, 60074, 60075 & 60076; **PLUS FREE 24-EACH 10230.**

CAT# 72409**6-PIECE MOUNTED GRINDING STONE DISPLAY (BULK)**

Includes 1-each Forney® 72412, 72413, 72414, 72415, 72416 & 72417; **PLUS FREE 1-EACH 72411.**

CAT# 72457**12-PIECE MOUNTED POINT DISPLAY (BULK)**

Includes 1-each Forney® 72461, 72462, 72463, 72464, 72465, 72466, 72467, 72468, 72469, 72470, 72471 & 72472; **PLUS FREE 1-EACH 72459.**



**CAT# 60214****4-PIECE 1-1/2 IN. CUT-OFF WHEEL SET**

Fiberglass reinforced wheels for cutting all types of metal. Includes 1/8" (3.18mm) mandrel. Max RPM: 40,000.

**CAT# 60215****3-PIECE 1-1/2 IN. CUT-OFF WHEEL SET**

Fiberglass reinforced wheels for cutting all types of metal. Max RPM: 40,000.

**CAT# 60222****2-PIECE 1-1/4 IN. CUT-OFF WHEEL SET**

Fiberglass reinforced wheels for cutting all types of metal. Includes 1/8" (3.18mm) mandrel. Max RPM: 30,000.

**CAT# 60223****3-PIECE 1-1/4 IN. CUT-OFF WHEEL SET**

Includes three 1-1/4" (31.75mm) non-reinforced cut-off wheels. Use for cutting all types of metal. Max RPM: 30,000.

**CAT# 60249****4-PIECE 3/4 IN. DIAMOND WHEEL KIT**

For cutting metal, glass, ceramics and plastics. Max RPM: 30,000.

**CAT# 60250****3-PIECE 3/4 IN. DIAMOND WHEEL KIT**

Includes 2-each Forney® 60249 3/4" (19.05mm) diamond wheels and 1/8" mandrel. For cutting metal, glass, ceramics and plastics. Max RPM: 30,000.


**CAT# 60228****3-PIECE 1/2 & 5/8 IN. SAW BLADE SET**

Includes 1-each Forney® 60229 and 60230 mini saw blades and 1/8" (3.18mm) shaft mandrel. For cutting soft woods and plastic. Max RPM: 30,000.


**CAT# 60230****2-PIECE 5/8 IN. MINI SAW BLADE SET**

For cutting soft wood and plastic. Max RPM: 30,000.

6-PIECE SANDING SLEEVES

| CAT# | DESCRIPTION | MAX RPM | GRIT | SIZE (IN.) | IMAGE |
|-------|---|---------|--------|-------------|---|
| 60218 | Sanding sleeves, 6-piece. Can be used to replace or add sanding sleeves to Forney® 60217, 4-piece 1/2" (12.7mm) x 1/2" (12.7mm) red grit sanding drum kit with 1/8" (3.18mm) shaft. | 30,000 | Fine | 1/2" x 1/2" |  |
| 60219 | | 30,000 | Medium | 1/2" x 1/2" | |
| 60220 | | 30,000 | Coarse | 1/2" x 1/2" | |

4-PIECE SANDING SLEEVES

| CAT# | DESCRIPTION | MAX RPM | GRIT | SIZE (IN.) | IMAGE |
|-------|---|---------|--------|-------------|---|
| 60244 | Sanding sleeves, 4-piece. Can be used to replace or add sanding sleeves to Forney® 60247, 2-piece 3/4" (19.05mm) sanding drum set with 1/8" (3.18mm) shaft. | 30,000 | Fine | 3/4" x 1/2" |  |
| 60245 | | 30,000 | Medium | 3/4" x 1/2" | |
| 60246 | | 30,000 | Coarse | 3/4" x 1/2" | |



CAT# 60217

5-PIECE 1/2 IN. X 1/2 IN. SANDING DRUM KIT

Includes mounted rubber drum with 1/8" (3.18mm) shaft and fine, medium and coarse grit sanding sleeves.
Max RPM: 15,000.



CAT# 60248

5-PIECE 1/2 IN. X 3/4 IN. SANDING DRUM KIT

Includes mounted rubber drum with 1/8" (3.18mm) shaft and fine, medium and coarse grit sanding sleeves.
Max RPM: 15,000.



CAT# 60247

2-PIECE 3/4 IN. SANDING DRUM

Includes mounted rubber drum with 1/8" (3.18mm) shaft and 3/4" (19.05mm) sanding sleeve. Max RPM: 30,000.



**CAT# 60234****11-PIECE 7/8 IN. MEDIUM GRIT SAND DISC**

Includes 10-each 7/8" (22.22mm) diameter medium grit sanding discs and a 1/8" (3.18mm) mandrel. Forney® 60235 is replacement 10-pack of 7/8" (22.22mm) sanding discs. Max RPM: 30,000.

**CAT# 60235****10-PIECE 7/8 IN. MEDIUM GRIT SANDING DISCS**

Includes 10-each 7/8" (22.22mm) diameter medium grit sanding discs. Max RPM: 30,000. Does not include mandrel. Replacement sanding discs for Forney® 60234.

**CHAINSAW SHARPENING STONES**

| CAT# | MAX RPM | SIZE (IN.) | QUANTITY | TOOL | IMAGE |
|-------|---------|------------|----------|--------------------------|-------|
| 60260 | 30,000 | 5/32" | 2-pack | Dremel® type rotary tool | |
| 60261 | 30,000 | 3/16" | 2-pack | Dremel® type rotary tool | |
| 60262 | 30,000 | 7/32" | 2-pack | Dremel® type rotary tool | |

FELT POLISHING BOBS

| CAT# | SHAPE | SHAFT SIZE (IN.) | TOOL | IMAGE |
|-------|-------------|------------------|--------------------------|-------|
| 60211 | Bullet | 3/32" | Dremel® type rotary tool | |
| 60212 | Cylindrical | 3/32" | Dremel® type rotary tool | |

CAT# 60209**3-PIECE FELT BOB SET**

Includes 1-each Forney® 60210, 60211 and 60212 ball, bullet and cylindrical shaped felt bobs. Great for polishing all metals. Max RPM: 30,000. Use with Forney® 60201 or 60202 polishing compounds or other brand name polishing compounds.

CAT# 60263**6-PIECE CHAINSAW SHARPENING STONES**

Chainsaw sharpening stone kit, 6-piece. Includes 2-each Forney® 60260, 60261 and 60262. Precision ground for quick and easy sharpening of chainsaw blades. Max RPM: 30,000.

**CAT# 60231****2-PIECE 3/4 IN. BRASS BRUSH SET**

For cleaning of rust and dirt.
Max RPM: 15,000.

**CAT# 60213****3/4 & 1 IN. BRASS BRUSH WITH 3/32 IN. SHAFT**

For cleaning of rust and dirt.
Max RPM: 15,000.

**CAT# 60232****2-PIECE BRASS CUP BRUSH SET**

Used for a wide variety of cleaning and surface preparation tasks on many surfaces. 1/8" (3.18mm) shaft fits all name brand rotary tools such as: Dremel®, Moto-Tool®, Craftsman®, Wizard®, Black & Decker® and many other tools. Max RPM: 15,000.

**CAT# 60240****3-PIECE WHITE NYLON IMPREGNATED BRISTLE SET**

Used for a wide variety of cleaning and surface preparation tasks. 1/8" (3.18mm) shaft fits all name brand rotary tools such as: Dremel®, Moto-Tool®, Craftsman®, Wizard®, Black & Decker®, etc. Max RPM: 15,000.

**CAT# 60241****3-PIECE WIRE BRISTLE BRUSH SET**

Used for a wide variety of cleaning and surface preparation tasks. 1/8" (3.18mm) shaft fits all name brand rotary tools such as: Dremel®, Moto-Tool®, Craftsman®, Wizard®, Black & Decker®, etc. Max RPM: 15,000.

**CAT# 60242****3-PIECE NATURAL BRISTLE BRUSH SET**

Used for a wide variety of cleaning and surface preparation tasks. 1/8" (3.18mm) shaft fits all name brand rotary tools such as: Dremel®, Moto-Tool®, Craftsman®, Wizard®, Black & Decker®, etc. Max RPM: 15,000.

**CAT# 60251****2-PIECE STEEL WIRE WHEEL KIT**

Used for a wide variety of cleaning and surface preparation tasks. 1/8" (3.18mm) shaft fits all name brand rotary tools such as: Dremel®, Moto-Tool®, Craftsman®, Wizard®, Black & Decker®, etc. Max RPM: 15,000.

**CAT# 60233****3/4 IN. SATIN BUFFING PAD WITH 3/32 IN. SHAFT**

Satin buffing pad 3/4" with 3/32" (2.38mm) shaft. Use for producing a satin finish on gold, silver and other metals. Max RPM: 30,000.

**CAT# 60252****2-PIECE 1 IN. SATIN BUFFING PAD**

Satin buffing pad 1" with 3/32" (2.38mm) shaft. Used for producing a satin finish on gold, silver and other metals. Max RPM: 30,000.



CAT# 60236
3-PIECE MINI-PIN CHUCK
WITH 3/32 IN. SHAFT

Includes 2 collets with capacity of 0" to 1/16" (1.59mm) and 1/16" (1.59mm) to 3/32" (2.38mm). Used to adapt Forney® micro-abrasives for use with standard drills. Max RPM: 1,200.



CAT# 60264
KEYLESS MINI-CHUCK
0 - 1/8 IN.




Designed to fit high speed rotary tools made by Enkay®, Dremel® and Sears Craftsman®. Capacity: 0" to 1/8" (3.18mm). Max RPM: 30,000.



CAT# 60265
MICRO CHUCK 1/8 IN.
#60 - #80 DRILL BITS

For use with #60 through #80 wire gauge drill bits. Use in a drill or a hand held high speed rotary tool. Max RPM: 30,000.

MANDRELS

| CAT# | DESCRIPTION | MAX RPM | SIZE (IN.) | TOOL | IMAGE |
|-------|---|---------|--------------------------------|--------------------------|---|
| 60225 | Mandrel with 1/8" (3.18mm) shaft and 3/32" (2.38mm) screw. Use with a wide variety of micro-abrasives with 1/16" arbor hole. | 30,000 | 1/8" (3.18mm) x 3/32" (2.38mm) | Dremel® type rotary tool |  |
| 60226 | Long screw mandrel with 1/8" (3.18mm) shaft and 1/16" (1.59mm) hole. For use with Forney® 60214, 1-1/2" (38.1mm) cut-off wheels, and similar cut-off wheels. | 30,000 | 1/8" (3.18mm) x 1/16" (1.59mm) | Dremel® type rotary tool |  |
| 60227 | Short screw mandrel with 1/8" (3.18mm) shaft and 1/16" (1.59mm) hole. For use with Forney® 60214, 1-1/2" (38.1mm) cut-off wheels, and similar cut-off wheels. | 30,000 | 1/8" (3.18mm) x 1/16" (1.59mm) | Dremel® type rotary tool |  |



CAT# 72385
MANDREL KIT

Mandrel set for grinding wheels. Replacement mandrel for all shaft mounted grinding wheels. Includes 1/2" (12.7mm), 3/4" (19.05mm) and 1-1/4" (31.75mm) bolts.



CAT# 60239
20-PIECE #61-#80 MINI-DRILL BIT SET

Sizes #61-#80. For precision drilling of wood, plastic and metal. Convenient steel index storage case. Max RPM: 30,000.





Get **every** detail right.

Forney® mini burrs are perfect for etching and shaping wood, metal or plastic, or working in tight areas. Get the job done right with the tools you need!

Forney®







QUICK-CHANGE BACKING PADS

| CARD# | BULK CAT# | DESCRIPTION | SIZE (IN.) | TOOL | IMAGE |
|-------|-----------|--|------------|---|---|
| 60270 | 71914 | Quick-change mini-abrasive backing pad | 2" | Drill, mini air die grinder, mini angle air die grinder |  |
| 60271 | 71915 | | 3" | |  |









QUICK-CHANGE SANDING DISCS



| CAT# | DESCRIPTION | SIZE (IN.) | GRIT | TOOL | IMAGE |
|-------|---|------------|------|-----------------------------------|---|
| 71743 | Quick-change mini-abrasive replacement sanding disc, fits Forney® 60270 or 71914. | 2" | 36 | Mini angle air die grinder, drill |  |
| 71745 | | 2" | 80 | |  |
| 71746 | Quick-change mini-abrasive replacement sanding disc, fits Forney® 60271 or 71915. | 3" | 36 | |  |
| 71748 | | 3" | 80 | |  |







QUICK-CHANGE SURFACE PREP PADS

| CAT# | DESCRIPTION | SIZE (IN.) | GRIT | TOOL | IMAGE |
|-------|---|------------|--------|-----------------------------------|---|
| 71909 | Surface prep pad, quick-change, medium grit, 2" replacement surface prep pad fits Forney® 60270 or 71914 backing pad. | 2" | Medium | Mini angle air die grinder, drill |  |
| 71910 | | 2" | Coarse | |  |
| 71916 | Replacement surface prep pad fits Forney® 60270 or 71914 backing pad. | 2" | Fine | |  |
| 71911 | Replacement surface prep pad fits Forney® 60271 or 71915 backing pad. | 3" | Medium | |  |
| 71912 | | 3" | Coarse | |  |
| 71917 | | 3" | Fine | |  |

QUICK-CHANGE STRIPPING DISCS

| CAT# | DESCRIPTION | SIZE (IN.) | TOOL | IMAGE |
|-------|--|------------|------------------------|---|
| 71954 | Quick-change mini-abrasive replacement stripping disc, fits Forney® 60270 or 71914. Silicon carbide. Extra coarse. | 2" | Mini angle air grinder |  |
| 71952 | Quick-change mini-abrasive replacement stripping disc, fits Forney® 60271 or 71915. Silicon carbide. Extra coarse. | 3" | |  |

QUICK-CHANGE FLAP DISCS

| CAT# | DESCRIPTION | SIZE (IN.) | GRIT | TOOL | IMAGE |
|-------|---|------------|------|------------------------|---|
| 71978 | Quick-change mini-abrasive replacement flap disc fits Forney® 60271 or 71914. | 2" | 36 | Mini angle air grinder |  |
| 71979 | | 2" | 80 | |  |
| 71981 | Quick-change mini-abrasive replacement flap disc fits Forney® 60271 or 71915. | 3" | 36 | |  |
| 71983 | | 3" | 80 | |  |

CAT# 71722

76-PIECE QUICK-CHANGE MINI-ABRASIVE DISPLAY

Includes 3-each Forney® 60270 & 60271; 5-each 71952, 71954, 71978, 71979, 71981 & 71983; and 10-each 71743, 71745, 71746 & 71748; **PLUS FREE 1-EACH 10257; AND 8-EACH 10489.**

CAT# 71722

76-PIECE QUICK-CHANGE MINI-ABRASIVE DISPLAY

Includes 3-each Forney® 60270 & 60271; 5-each 71952, 71954, 71978, 71979, 71981 & 71983; and 10-each 71743, 71745, 71746 & 71748; **PLUS FREE 1-EACH 10257; AND 8-EACH 10489.**

CAT# 71902

60-PIECE QUICK-CHANGE SURFACE PREP PAD DISPLAY

Includes 10-each Forney® 71901, 71910, 71911, 71912, 71916 & 71917; **PLUS FREE 1-EACH 10270; AND 2-EACH 10489.**



**SANDING &
GRINDING
DISCS**



TYPE 1 BLUE ZIRCONIUM STEEL SANDING & GRINDING DISCS

Blue zirconium, 100% zirconia grain. High quality disc that cuts faster and lasts longer than most other discs on the market. High performance for grinding, deburring and polishing metals, welds and stainless steel. Fast stock removal. Extremely long file. Cool cutting action.

| CAT# | DESCRIPTION | MAX RPM | SIZE (IN.) | ARBOR | TOOL | GRIT | QUANTITY |
|-------|------------------------------------|---------|------------|-------|---------------|------|----------|
| 71647 | Resin fibre sanding disc, zirconia | 13,300 | 4-1/2" | 7/8" | Angle grinder | 24 | 3 |
| 71648 | Resin fibre sanding disc, zirconia | 13,300 | 4-1/2" | 7/8" | Angle grinder | 36 | 3 |
| 71649 | Resin fibre sanding disc, zirconia | 13,300 | 4-1/2" | 7/8" | Angle grinder | 60 | 3 |
| 71650 | Resin fibre sanding disc, zirconia | 13,300 | 4-1/2" | 7/8" | Angle grinder | 80 | 3 |
| 71642 | Resin fibre sanding disc, zirconia | 12,200 | 5" | 7/8" | Angle grinder | 24 | 3 |
| 71643 | Resin fibre sanding disc, zirconia | 12,200 | 5" | 7/8" | Angle grinder | 36 | 3 |
| 71644 | Resin fibre sanding disc, zirconia | 12,200 | 5" | 7/8" | Angle grinder | 60 | 3 |
| 71645 | Resin fibre sanding disc, zirconia | 12,200 | 5" | 7/8" | Angle grinder | 80 | 3 |
| 71637 | Resin fibre sanding disc, zirconia | 8,500 | 7" | 7/8" | Angle grinder | 24 | 3 |
| 71638 | Resin fibre sanding disc, zirconia | 8,500 | 7" | 7/8" | Angle grinder | 36 | 3 |
| 71639 | Resin fibre sanding disc, zirconia | 8,500 | 7" | 7/8" | Angle grinder | 60 | 3 |
| 71640 | Resin fibre sanding disc, zirconia | 8,500 | 7" | 7/8" | Angle grinder | 80 | 3 |



TYPE 1 ALUMINUM OXIDE STEEL SANDING & GRINDING WHEELS

Excellent quality aluminum oxide steel sanding and grinding discs. Ideal for weld grinding, blending, finishing, deburring and other general purpose applications. Can be used on most types of steel as well as fiberglass and plastics. Uses a special heat treated (ceramic coated) aluminum oxide grain for fast cutting action and long life. Quantity discounts available.

| CAT# | DESCRIPTION | MAX RPM | SIZE (IN.) | ARBOR | TOOL | GRIT | QUANTITY |
|-------|--|---------|------------|-------|---------------|------|----------|
| 71673 | Resin fibre sanding disc, aluminum oxide | 15,300 | 4" | 5/8" | Angle grinder | 16 | 3 |
| 71674 | Resin fibre sanding disc, aluminum oxide | 15,300 | 4" | 5/8" | Angle grinder | 24 | 3 |
| 71675 | Resin fibre sanding disc, aluminum oxide | 15,300 | 4" | 5/8" | Angle grinder | 36 | 3 |
| 71676 | Resin fibre sanding disc, aluminum oxide | 15,300 | 4" | 5/8" | Angle grinder | 50 | 3 |
| 71677 | Resin fibre sanding disc, aluminum oxide | 15,300 | 4" | 5/8" | Angle grinder | 80 | 3 |
| 71678 | Resin fibre sanding disc, aluminum oxide | 15,300 | 4" | 5/8" | Angle grinder | 120 | 3 |
| 71666 | Resin fibre sanding disc, aluminum oxide | 13,300 | 4-1/2" | 7/8" | Angle grinder | 16 | 3 |
| 71667 | Resin fibre sanding disc, aluminum oxide | 13,300 | 4-1/2" | 7/8" | Angle grinder | 24 | 3 |
| 71668 | Resin fibre sanding disc, aluminum oxide | 13,300 | 4-1/2" | 7/8" | Angle grinder | 36 | 3 |
| 71669 | Resin fibre sanding disc, aluminum oxide | 13,300 | 4-1/2" | 7/8" | Angle grinder | 50 | 3 |
| 71670 | Resin fibre sanding disc, aluminum oxide | 13,300 | 4-1/2" | 7/8" | Angle grinder | 80 | 3 |
| 71671 | Resin fibre sanding disc, aluminum oxide | 13,300 | 4-1/2" | 7/8" | Angle grinder | 120 | 3 |
| 71659 | Resin fibre sanding disc, aluminum oxide | 12,200 | 5" | 7/8" | Angle grinder | 16 | 3 |
| 71660 | Resin fibre sanding disc, aluminum oxide | 12,200 | 5" | 7/8" | Angle grinder | 24 | 3 |
| 71661 | Resin fibre sanding disc, aluminum oxide | 12,200 | 5" | 7/8" | Angle grinder | 36 | 3 |
| 71662 | Resin fibre sanding disc, aluminum oxide | 12,200 | 5" | 7/8" | Angle grinder | 50 | 3 |
| 71663 | Resin fibre sanding disc, aluminum oxide | 12,200 | 5" | 7/8" | Angle grinder | 80 | 3 |
| 71664 | Resin fibre sanding disc, aluminum oxide | 12,200 | 5" | 7/8" | Angle grinder | 120 | 3 |
| 71652 | Resin fibre sanding disc, aluminum oxide | 8,500 | 7" | 7/8" | Angle grinder | 16 | 3 |
| 71653 | Resin fibre sanding disc, aluminum oxide | 8,500 | 7" | 7/8" | Angle grinder | 24 | 3 |
| 71654 | Resin fibre sanding disc, aluminum oxide | 8,500 | 7" | 7/8" | Angle grinder | 36 | 3 |
| 71655 | Resin fibre sanding disc, aluminum oxide | 8,500 | 7" | 7/8" | Angle grinder | 50 | 3 |
| 71656 | Resin fibre sanding disc, aluminum oxide | 8,500 | 7" | 7/8" | Angle grinder | 80 | 3 |
| 71657 | Resin fibre sanding disc, aluminum oxide | 8,500 | 7" | 7/8" | Angle grinder | 120 | 3 |

**CAT# 72240****4 IN. BACKING PAD FOR M10 X 1.25 SHAFT**

Backing pad with spindle nut for sanding discs and buffing bonnets. Heavy-duty and flexible. Max RPM: 20,000.

**CAT# 72321****4-1/2 IN. BACKING PAD**

Backing pad with 5/8"-11 spindle nut for sanding discs and buffing bonnets. Heavy-duty and flexible. Max RPM: 20,000.

**CAT# 72322****5 IN. BACKING PAD**

Backing pad with 5/8"-11 spindle nut for sanding discs and buffing bonnets. Heavy-duty and flexible. Max RPM: 20,000.

**CAT# 72323****7 IN. BACKING PAD**

Backing pad with 5/8"-11 spindle nut for sanding discs and buffing bonnets. Heavy-duty and flexible. Max RPM: 10,000.

**CAT# 72435****6" ORBITAL SANDER BACKING PAD**

6" orbital sander backing pad with 1/4" shaft, fits Forney® 01992.

**CAT# 72302****REPLACEMENT SPINDLE LOCK FOR BACKING PAD**

Replacement 5/8"-11 spindle nut for Forney® 72321, 72322 and 72323 backing pads for sanding discs and buffing bonnets. Max RPM: 20,000.

**CAT# 73148****ADJUSTABLE SPANNER WRENCH**

Spanner wrench for sanding pad nuts.

**CAT# 60201****RED JEWELER'S ROUGE, 1 OZ.**

Red jeweler's rouge polishing compound. Developed for the jewelry trade to produce a brilliant, mirror finish. Will not scratch or cut away fine or soft metals such as gold, silver, platinum and brass. Applied on buffing wheels.

**CAT# 60202****BUFFING COMPOUND, 1 OZ.**

Buffing compound, white, 1 oz. Slightly more abrasive than red jeweler's rouge (Forney® 60201). For use with brass, copper, aluminum, bronze, nickel, silver and softer metals.

**CAT# 60203****1 IN. BUFFING WHEEL WITH SHAFT**

Buffing wheel, cotton, 1" x 1/8" shaft. Great for polishing all metals. Use with Forney® 60201 and 60225 or similar polishing compound and mandrel. Max RPM: 30,000.

**CAT# 60204****1-1/2 IN. BUFFING WHEEL WITH SHAFT**

Buffing wheel, cotton, 1-1/2" x 1/8" shaft. Great for polishing all metals. Use with Forney® 60201 and 60225 or similar polishing compound and mandrel. Max RPM: 30,000.

**CAT# 60205****1 IN. BUFFING WHEEL (2-PACK)**

Buffing wheel, cotton, 2-piece buffing wheel set. Great for polishing all metals. Use with Forney® 60201 and 60225 or similar polishing compound and mandrel. Max RPM: 30,000.

**CAT# 60206****1-1/2 IN. BUFFING WHEEL (2-PACK)**

Buffing wheel, cotton, 2-piece buffing wheel set. Great for polishing all metals. Use with Forney® 60201 and 60225 or similar polishing compound and mandrel. Max RPM: 30,000.

**CAT# 60207****1 IN. FELT POLISHING WHEEL WITH 1/8 IN. SHAFT**

1" (25.4mm) felt polishing wheel with 1/8" (3.18mm) shaft. Great for polishing all metals. Use with Forney® 60201 and 60225 or similar polishing compound and mandrel. Max RPM: 30,000.

**CAT# 60208****1 IN. FELT POLISHING WHEEL (2-PACK)**

2-piece 1" (25.4mm) felt polishing wheels. Great for polishing all metals. Use with Forney® 60201 and 60225 or similar polishing compound and mandrel. Max RPM: 30,000.

**CAT# 60253****2-PIECE 7/8 IN. FELT POLISHING WHEEL**

2-piece 3-row felt polishing wheel with 3/32" (2.38mm) shaft. 7/8" (22.22mm) diameter. Great for polishing all metals. Use with Forney® 60201 or 60202 polishing compounds or other brand name polishing compounds. Max RPM: 30,000.

**CAT# 72040****6 IN. SPIRAL SEWN COTTON BUFFING WHEEL**

6" x 1/2" x 55 ply with 1/2" arbor. Spiral sewn stitches every 3/8" (9.52 mm). 1/2" (12.7mm) face width, 1/2" (12.7mm) arbor hole and 3,600 max RPM. For use on all 6" (152.4mm) buffing and grinding machines..

**CAT# 72111****7-PIECE DRILL MOUNTED BUFFING KIT**

Ideal for use on aluminum, brass, copper, nickel, chrome, stainless steel, silver, gold, and most hard plastic. Includes white rouge compound, emery compound, tripoli compound, 2-1/4", 3" and 4" cotton buffing wheels, 1/4" mandrel, nut and washers. For use with 3/8" or 1/2" chuck drills. Max RPM: 3,450.

**CAT# 60243****8-PIECE ASSORTED GRINDING AND POLISHING KIT**

Grinding & polishing kit, (8-piece). Assorted points, wheels and brushes. Great for polishing all metals. Use with Forney® 60201 or 60202 polishing compounds or other brand name polishing compounds. Max RPM: 30,000.

THE BEST PROJECTS DESERVE THE BEST FINISH.

Forney® buffing and polishing wheels are made from the softest cotton and felt - the best way to finish your favorite projects. Use with **Forney® buffing compound** or **Forney® red jeweler's rouge** to create the exact look you want.

Forney®








4-1/2" ANGLE GRINDER
*120V-60Hz *6.3Amp
*11000RPM *115mm(4 1/2")
MADE IN CHINA

WIRE BRUSHES & HAND BRUSHES



CRIMPED WIRE WHEEL BRUSHES

| CAT# | DESCRIPTION | MAX RPM | SIZE (IN.) | ARBOR | TOOL | WIRE SIZE |
|---|---|---------|------------|---------------------|-------------------------------------|-----------------|
| 72234  | Industrial Pro® premium crimped wire wheel brush. Great for cleaning and blending surfaces, removing light burrs, paint and corrosion. Made from high carbon steel. Manufactured using a proprietary 3D crimping and balancing process providing a much higher density of wire resulting in perfect balance, longer life and better removal capacity. Patented nut design has gripping points and raised nut, making it easier to tighten and loosen on and off angle grinders. | 13,000 | 4" | 5/8"-11 & M14 x 2.0 | Angle grinder | 0.012" (.304mm) |
| 72235  | | 13,000 | 4" | M10 x 1.25/1.50 | Angle grinder | 0.012" (.304mm) |
| 72236  | | 15,000 | 4" | M10 x 1.50 | Angle grinder | 0.014" (.355mm) |
| 72837  | | 13,000 | 4-1/2" | 5/8"-11 & M14x2.0 | Angle grinder | 0.012" (.304mm) |
| 72838  | | 13,000 | 4-1/2" | M10 x 1.25/1.50 | Angle grinder | 0.012" (.304mm) |
| 72748 | Crimped wire wheel brush. Great for cleaning and blending surfaces, removing light burrs, paint and corrosion. Used for light to medium duty brushing action. | 6,000 | 3" | 1/2" | Bench, pedestal or straight grinder | 0.008" (.203mm) |
| 72746 | | 6,000 | 3" | 1/2" | Bench, pedestal or straight grinder | 0.012" (.304mm) |
| 72744 | | 6,000 | 4" | 1/2" | Bench, pedestal or straight grinder | 0.008" (.203mm) |
| 72742 | | 6,000 | 4" | 1/2" | Bench, pedestal or straight grinder | 0.012" (.304mm) |
| 72788 | | 15,000 | 4" | 5/8"-11 | Angle grinder | 0.012" (.304mm) |
| 72741 | | 6,000 | 5" | 1/2" - 5/8" | Bench, pedestal or straight grinder | 0.012" (.304mm) |
| 72743 | | 6,000 | 5" | 1/2" - 5/8" | Bench, pedestal or straight grinder | 0.008" (.203mm) |
| 72747 | | 6,000 | 6" | 1/2" - 5/8" | Bench, pedestal or straight grinder | 0.008" (.203mm) |
| 72745 | | 6,000 | 6" | 1/2" - 5/8" | Bench, pedestal or straight grinder | 0.012" (.304mm) |



CRIMPED WIRE BENCH WHEEL BRUSHES

| CAT# | DESCRIPTION | MAX RPM | SIZE (IN.) | ARBOR | TOOL | WIRE SIZE | |
|-------|--|--|-----------------------------|-------------|---------------------------|---------------------------|-----------------|
| 72895 | Industrial Pro® premium crimped wire bench wheel brush. Great for cleaning metal surfaces, blending surfaces, removing light burrs, paint and corrosion. Made from high carbon tempered steel and manufactured using a proprietary 3D crimping and balancing process providing a much higher density of wire resulting in perfect balance, longer life and better removal capacity. Patented multi-arbor hole bushing system fits seven (7) different arbor sizes 1/2" (12.7mm) through 2" (50.8mm). | 6,500 | 6" | 1/2" | Bench or pedestal grinder | 0.012" (.304mm) | |
| 72896 | | 6,500 | 6" | 1/2" | Bench or pedestal grinder | 0.012" (.304mm) | |
| 72897 | | 4,500 | 8" Face: 1-1/4" (31.8mm) | 1/2" | Bench or pedestal grinder | 0.012" (.304mm) | |
| 72761 | Narrow face is great for cleaning metal surfaces, blending surfaces, removing light burrs, paint, rust and corrosion. Used for light- to medium-duty brushing action in areas that regular width brushes will not reach. | 6,000 | 5" | 1/2" - 5/8" | Bench or pedestal grinder | 0.014" (0.35mm) | |
| 72750 | | 6,000 | 6" | 1/2" - 5/8" | Bench or pedestal grinder | 0.014" (0.35mm) | |
| 72751 | | 6,000 | 6" | 1/2" - 5/8" | Bench or pedestal grinder | 0.008" (.203mm) | |
| 72752 | | Wide face is great for cleaning metal surfaces, blending surfaces, removing light burrs, paint, rust and corrosion. Used for light- to medium-duty brushing action on large surface areas. | 6,000 | 6" | 1/2" - 5/8" | Bench or pedestal grinder | 0.014" (0.35mm) |
| 72762 | | | 6,000 | 8" | 1/2" - 5/8" | Bench or pedestal grinder | 0.014" (0.35mm) |



TWIST KNOT WIRE WHEEL BRUSHES

| CAT# | DESCRIPTION | MAX RPM | SIZE (IN.) | ARBOR | TOOL | WIRE SIZE |
|-------|---|---------|------------|---------------------|-------------------------------------|-----------------|
| 72834 | Industrial Pro® premium twist knot wire wheel brush provide high-impact action. These wheels are used in surface preparation prior to welding and for removing weld scale, spatter and heavy corrosion. Used for heavy-duty applications. | 13,000 | 4-1/2" | M10 x 1.25/1.50 | Angle grinder | 0.020" (0.50mm) |
| 72835 | | 13,000 | 4-1/2" | 5/8"-11 & M14 x 2.0 | Angle grinder | 0.020" (0.50mm) |
| 72840 | Twist knot wire wheel brushes provide high-impact action. These wheels are used in surface preparation prior to welding and for removing weld scale, spatter and heavy corrosion. Used for heavy-duty cleaning applications. | 9,000 | 6" | 1/2" - 5/8" | Bench, pedestal or straight grinder | 0.020" (0.50mm) |
| 72841 | | 9,000 | 6" | 5/8"-11 | Angle grinder | 0.032" (.812mm) |
| 72759 | Twist knot wire wheel brushes provide high-impact action. These wheels are used in surface preparation prior to welding and for removing weld scale, spatter and heavy corrosion. Used for heavy-duty cleaning applications. | 20,000 | 4" | 5/8"-11 | Angle grinder | 0.020" (0.50mm) |
| 72784 | | 20,000 | 4" | M10 x 1.25 | Angle grinder | 0.020" (0.50mm) |
| 72749 | | 9,000 | 6" | 1/2" - 5/8" | Bench, pedestal or straight grinder | 0.020" (0.50mm) |
| 72758 | | 9,000 | 6" | 5/8"-11 | Angle grinder | 0.020" (0.50mm) |



STRINGER BEAD TWIST KNOT WIRE WHEEL BRUSHES

| CAT# | DESCRIPTION | MAX RPM | SIZE (IN.) | ARBOR | TOOL | WIRE SIZE |
|-------|---|---------|------------|---------------------|---------------|-----------------|
| 72845 | Industrial Pro® premium stringer bead twist knot wire wheel brush. Stringer bead brushes are extra narrow to clean pipe welds between passes and other applications where a narrow brush face is necessary to do the job. Made from high carbon tempered steel and each tuft is perfectly positioned and set for perfect balance and optimum performance. | 15,000 | 4" | M10 x 1.25/1.5 | Angle grinder | 0.020" (.508mm) |
| 72846 | | 15,000 | 4" | 5/8"-11 & M14 X 2.0 | Angle grinder | 0.020" (.508mm) |
| 72849 | Stringer bead brushes are extra narrow to clean pipe welds between passes and other applications where a narrow brush face is necessary to do the job. | 12,000 | 5" | 5/8"-11 | Angle grinder | 0.020" (.508mm) |
| 72851 | | 8,500 | 7" | 5/8"-11 | Angle grinder | 0.020" (.508mm) |
| 72760 | | 20,000 | 4" | 5/8"-11 | Angle grinder | 0.020" (.508mm) |



CRIMPED WIRE WHEELS

Stem mounted wire wheel brushes designed for easy access into narrow holes and confined areas. Crimped style for light- to medium-duty applications. Removes rust, scale and paint in hard to reach areas. Use with any 1/4" (6.35mm) diameter electric power drill.

| CARD# | BULK CAT# | ADDITIONAL FEATURES | MAX RPM | SIZE | SHAFT SIZE | SHAFT SHAPE | WIRE SIZE | TOOL |
|-------|-----------|---------------------|---------|--------------------|------------------|-------------|-----------------|-------------|
| 60013 | 72251 | | 6,000 | 1-1/2" (38.1mm) | 1/4" (6.35mm) | Cylindrical | 0.012" (.304mm) | Power drill |
| 60014 | 72252 | | 6,000 | 2" (50.8mm) | 1/4" (6.35mm) | Cylindrical | 0.012" (.304mm) | Power drill |
| 60015 | 72253 | | 6,000 | 2-1/2" (63.5mm) | 1/4" (6.35mm) | Cylindrical | 0.012" (.304mm) | Power drill |
| 60016 | 72254 | | 6,000 | 3" (76.2mm) | 1/4" (6.35mm) | Cylindrical | 0.012" (.304mm) | Power drill |
| 60017 | 72255 | | 6,000 | 3" (76.2mm) | 1/4" (6.35mm) | Cylindrical | 0.008" (.203mm) | Power drill |
| | 72257 | Protective guard | 6,000 | 3" (76.2mm) | 1/4" (6.35mm) | Cylindrical | 0.012" (.304mm) | Power drill |
| 72726 | | | 6,000 | 1-1/2" (38.1mm) | 1/4" (6.35mm) | Hex | 0.008" (.203mm) | Power drill |
| 72725 | | | 6,000 | 1-1/2" (38.1mm) | 1/4" (6.35mm) | Hex | 0.012" (.304mm) | Power drill |
| 72728 | 72790 | | 6,000 | 2" (50.8mm) | 1/4" (6.35mm) | Hex | 0.008" (.203mm) | Power drill |
| 72727 | 72791 | | 6,000 | 2" (50.8mm) | 1/4" (6.35mm) | Hex | 0.012" (.304mm) | Power drill |
| 72734 | | | 6,000 | 2-1/2" (63.5mm) | 1/4" (6.35mm) | Hex | 0.008" (.203mm) | Power drill |
| 72733 | | | 6,000 | 2-1/2" (63.5mm) | 1/4" (6.35mm) | Hex | 0.012" (.304mm) | Power drill |
| 72736 | 72792 | | 6,000 | 3" (76.2mm) | 1/4" (6.35mm) | Hex | 0.008" (.203mm) | Power drill |
| 72735 | 72793 | | 6,000 | 3" (76.2mm) | 1/4" (6.35mm) | Hex | 0.012" (.304mm) | Power drill |
| 72740 | | | 6,000 | 4" (101.6mm) | 1/4" (6.35mm) | Hex | 0.008" (.203mm) | Power drill |
| 72739 | | | 6,000 | 4" (101.6mm) | 1/4" (6.35mm) | Hex | 0.012" (.304mm) | Power drill |



CAT# 72808






INDUSTRIAL PRO® MULTI-THREAD ADAPTER

Multi-thread adapter installs quickly and easily on any cup brush or wire wheel with a 5/8"-11 thread and will adapt to fit both M10 x 1.25 and M10 x 1.50 angle grinders.





CRIMPED WIRE CUP BRUSHES

| CAT# | DESCRIPTION | MAX RPM | SIZE (IN.) | ARBOR | TOOL | WIRE SIZE |
|---|--|---------|------------|---------------------|---------------|-----------------|
| 72754 | Ideal for fast, heavy-duty cleaning of large surfaces, removing weld scale, rust, burrs, etc. Designed for use in high speed air and electric tools, both portable and stationary machines. | 8,000 | 5" | 5/8"-11 | Angle grinder | 0.014" (.035mm) |
| 72755 | | 14,000 | 2-3/4" | 5/8"-11 | Angle grinder | 0.014" (.035mm) |
| 72780 | | 14,000 | 2-3/4" | M10 x 1.25 | Angle grinder | 0.014" (.035mm) |
| 72855  | Industrial Pro® premium crimped wire cup brush. Specially designed for use on portable machines (angle grinders), electric or pneumatic. Appropriate for brushing large surfaces with a medium removal capacity. New exclusive and patented design threads allow an easier attachment and increases resistance, resulting in safer conditions. | 13,000 | 3" | M10 x 1.25 | Angle grinder | 0.012" (.304mm) |
| 72856  | Industrial Pro® premium crimped wire cup brush with protective guard. Specially designed for use on portable machines (angle grinders), electric or pneumatic. Optimized for heavy-duty aggressive cleaning action. New exclusive design threads allow an easier attachment and increases resistance, resulting in safer conditions. The protective shield provides additional safety before, during and after work. When the brush is in use, the guard opens up into a shield that prevents not only wire projections but also protects the end user from flying debris. | 13,000 | 3" | 5/8"-11 & M14 x 2.0 | Angle grinder | 0.012" (.304mm) |
| 72860  | | 8,500 | 5" | 5/8"-11 | Angle grinder | 0.012" (.304mm) |
| 72885  | Industrial Pro® premium crimped wire cup brush with protective guard. Specially designed for use on portable machines (angle grinders), electric or pneumatic. Optimized for heavy-duty aggressive cleaning action. New exclusive design threads allow an easier attachment and increases resistance, resulting in safer conditions. The protective shield provides additional safety before, during and after work. When the brush is in use, the guard opens up into a shield that prevents not only wire projections but also protects the end user from flying debris. | 13,000 | 3" | 5/8"-11 & M14 x 2.0 | Angle grinder | 0.012" (.304mm) |
| 72887  | | 8,500 | 4" | 5/8"-11 & M14 x 2.0 | Angle grinder | 0.012" (.304mm) |



CABLE CRIMPED WIRE CUP BRUSHES

| CAT# | DESCRIPTION | MAX RPM | SIZE (IN.) | ARBOR | TOOL | WIRE SIZE |
|-------|---|---------|------------|---------------------|---------------|----------------------|
| 72874 | Industrial Pro® premium cable crimped wire cup brush. Great for general purpose light- to medium-duty applications. High performance cable-crimped wire cup brushes have 50% longer working life than standard crimped cup brushes. Industrial Pro® cable-crimped brushes have twelve .009" (.23mm) brass coated steel wires bundled together. | 13,000 | 3" | 5/8"-11 & M14 x 2.0 | Angle grinder | 12 x 0.009" (.228mm) |
| 72875 | Industrial Pro® premium cable crimped wire cup brush with protective guard. Great for general purpose light- to medium-duty applications. High performance cable-crimped wire cup brushes have 50% longer working life than standard crimped cup brushes. Industrial Pro® cable-crimped brushes have twelve .009" (.23mm) brass coated steel wires bundled together. The protective shield provides additional safety before, during and after work. When the brush is in use, the guard opens up into a shield that prevents not only wire projections but also protects the end user from flying debris. All cup brushes are equipped with a multi-thread allowing one brush to fit on both 5/8"-11 and M14 x 2.0 angle grinders. | 13,000 | 3" | M10 x 1.25/1.50 | Angle grinder | 12 x 0.009" (.228mm) |
| 72890 | Industrial Pro® premium cable crimped wire cup brush with protective guard. Great for general purpose light- to medium-duty applications. High performance cable-crimped wire cup brushes have 50% longer working life than standard crimped cup brushes. Industrial Pro® cable-crimped brushes have twelve .009" (.23mm) brass coated steel wires bundled together. The protective shield provides additional safety before, during and after work. When the brush is in use, the guard opens up into a shield that prevents not only wire projections but also protects the end user from flying debris. All cup brushes are equipped with a multi-thread allowing one brush to fit on both 5/8"-11 and M14 x 2.0 angle grinders. | 13,000 | 3" | 5/8"-11 & M14 x 2.0 | Angle grinder | 12 x 0.009" (.228mm) |
| 72891 | Industrial Pro® premium cable crimped wire cup brush with protective guard. Great for general purpose light- to medium-duty applications. High performance cable-crimped wire cup brushes have 50% longer working life than standard crimped cup brushes. Industrial Pro® cable-crimped brushes have twelve .009" (.23mm) brass coated steel wires bundled together. The protective shield provides additional safety before, during and after work. When the brush is in use, the guard opens up into a shield that prevents not only wire projections but also protects the end user from flying debris. All cup brushes are equipped with a multi-thread allowing one brush to fit on both 5/8"-11 and M14 x 2.0 angle grinders. | 13,000 | 3" | M10 x 1.25/1.5 | Angle grinder | 12 x 0.009" (.228mm) |
| 72892 | Industrial Pro® premium cable crimped wire cup brush with protective guard. Great for general purpose light- to medium-duty applications. High performance cable-crimped wire cup brushes have 50% longer working life than standard crimped cup brushes. Industrial Pro® cable-crimped brushes have twelve .009" (.23mm) brass coated steel wires bundled together. The protective shield provides additional safety before, during and after work. When the brush is in use, the guard opens up into a shield that prevents not only wire projections but also protects the end user from flying debris. All cup brushes are equipped with a multi-thread allowing one brush to fit on both 5/8"-11 and M14 x 2.0 angle grinders. | 8,500 | 4" | 5/8"-11 & M14 x 2.0 | Angle grinder | 12 x 0.009" (.228mm) |



KNOTTED WIRE CUP BRUSHES

| CAT# | DESCRIPTION | MAX RPM | SIZE (IN.) | ARBOR | TOOL | WIRE SIZE |
|-------|--|---------|------------|---------------------|---------------|-----------------|
| 72865 | Industrial Pro® premium twist knot wire cup brush. Ideal for heavy-duty cleaning of metal surfaces. Used to remove rust, scale, paint or other adherences on flat or irregular surfaces. Made from high carbon tempered steel and each tuft is perfectly positioned and set for perfect balance and optimum performance. | 15,000 | 3" | M10 x 1.25/1.50 | Angle grinder | 0.020" (0.50mm) |
| 72866 | | 15,000 | 3" | 5/8"-11 & M14 x 2.0 | Angle grinder | 0.020" (0.50mm) |
| 72871 | | 6,000 | 6" | 5/8"-11 | Angle grinder | 0.020" (0.50mm) |
| 72757 | Ideal for fast, heavy-duty cleaning of large surfaces, removing weld scale, rust, burrs, etc. Designed for use in high speed air and electric tools, both portable and stationary machines. | 12,500 | 2-3/4" | 5/8"-11 | Angle grinder | 0.020" (0.50mm) |
| 72782 | | 12,500 | 2-3/4" | M10 x 1.25 | Angle grinder | 0.020" (0.50mm) |
| 72753 | | 8,500 | 4" | 5/8"-11 | Angle grinder | 0.020" (0.50mm) |
| 72756 | | 6,500 | 6" | 5/8"-11 | Angle grinder | 0.020" (0.50mm) |



TWIST KNOT WIRE CUP BRUSHES WITH PROTECTIVE GUARD

| CAT# | DESCRIPTION | MAX RPM | SIZE (IN.) | ARBOR | TOOL | WIRE SIZE |
|-------|--|---------|------------|---------------------|---------------|-----------------|
| 72880 | Industrial Pro® premium twist knot wire cup brush with protective guard. Ideal for heavy-duty cleaning of metal surfaces. Used to remove rust, scale, paint or other adherences on flat or irregular surfaces. Made from high carbon tempered steel and each tuft is perfectly positioned and set for perfect balance and optimum performance. The protective shield provides additional safety before, during and after work. When the brush is in use, the guard opens up into a shield that prevents not only wire projections but also protects the end user from flying debris. | 15,000 | 3" | 5/8"-11 & M14 x 2.0 | Angle grinder | 0.020" (0.50mm) |
| 72881 | | 15,000 | 3" | M10 x 1.25/1.50 | Angle grinder | 0.020" (0.50mm) |
| 72882 | | 8,500 | 4" | 5/8"-11 & M14 x 2.0 | Angle grinder | 0.020" (0.50mm) |

CAT# 72868

INDUSTRIAL PRO® DOUBLE ROW TWIST KNOT CUP BRUSH



Provides fast, efficient weld cleaning, paint, rust and corrosion removal of large surfaces. Use with medium-sized high speed angle grinders.

Diameter: 4"
Arbor: 5/8"-11
Wire Size: 0.020" (.508mm)
RPM: 8,500

CAT# 72869

INDUSTRIAL PRO® TWIST KNOT CUP BRUSH WITH BRIDLE



Ideal for heavy-duty cleaning of metal surfaces. Made from high carbon tempered steel. Equipped with metal bridle to eliminate flaring. When wire is worn to the metal bridle, it can be knocked off by a hammer blow exposing more wire for 30% longer life.

Diameter: 4"
Arbor: 5/8"-11 & M14x2.0
Wire Size: .020" (.508mm)
RPM: 8,500



CRIMPED WIRE CUP BRUSHES

Stem mounted wire cup brushes designed for easy access into narrow holes and confined areas. Crimped style for light- to medium-duty applications. Removes rust, scale and paint in hard to reach areas. Use with any 1/4" (6.35mm) diameter electric power drills.

| CAT# | BULK CAT# | MAX RPM | SIZE (IN.) | SHAFT SIZE | SHAFT SHAPE | TOOL | WIRE SIZE |
|-------|---|---------|-----------------|---------------|-------------|-------------|-----------------|
| 60004 | 72268  | 5,000 | 1-1/2" (38.1mm) | 1/4" (6.35mm) | Cylindrical | Power drill | 0.012" (.304mm) |
| 60005 | 72269  | 5,000 | 2-1/2" (63.5mm) | 1/4" (6.35mm) | Cylindrical | Power drill | 0.012" (.304mm) |
| 60006 | 72270  | 5,000 | 2-1/2" (63.5mm) | 1/4" (6.35mm) | Cylindrical | Power drill | 0.008" (.203mm) |
| 72729 | 72796 | 6,000 | 2" | 1/4" (6.35mm) | Hex | Power drill | 0.012" (.304mm) |
| 72730 | 72795 | 6,000 | 2" | 1/4" (6.35mm) | Hex | Power drill | 0.008" (.203mm) |
| 72731 | 72798 | 6,000 | 3" | 1/4" (6.35mm) | Hex | Power drill | 0.012" (.304mm) |
| 72732 | 72797 | 6,000 | 3" | 1/4" (6.35mm) | Hex | Power drill | 0.008" (.203mm) |





CAT# 60003

CRIMPED CIRCULAR FLARED END BRUSHES

Crimped circular flared end brush. Carded. Designed for easy access into narrow holes and confined areas. For light- to medium-duty removal of rust, paint, scale, etc. Use with any 1/4" (6.35mm) diameter electric or air tool cordless drill.

| CARDER CAT# | BULK CAT# | MAX RPM | SIZE | SHAFT | TOOL | WIRE SIZE |
|-------------|-----------|---------|--------|-------|-------------|-----------------|
| 60003 | 72267 | 15,000 | 1-1/2" | 1/4" | Power drill | 0.020" (.508mm) |



TWIST KNOT WIRE END BRUSHES

Stem mounted twist knot wire end brush designed for easy access into narrow holes and confined areas. Constructed for heavy-duty applications. Removes rust, scale, paint, etc. in hard-to-reach places. Made from tempered steel. For use with any 1/4" (6.35mm) diameter high RPM die grinder.



CAT# 60002

| CARDER CAT# | BULK CAT# | MAX RPM | SIZE | SHAFT | TOOL | WIRE SIZE |
|-------------|-----------|---------|------|-------|--------------------------|-----------------|
| 60002 | 72266 | 25,000 | 1" | 1/4" | Die grinder, power drill | 0.020" (.508mm) |



CRIMPED WIRE END BRUSHES

Stem mounted wire end brush designed for easy access into narrow holes and confined areas. Crimped style for light- to medium-duty applications. Removes rust, scale and paint in hard-to-reach areas. Use with any 1/4" (6.35mm) diameter electric power drill.

| CAT# | BULK CAT# | MAX RPM | SIZE (IN.) | SHAFT SIZE | SHAFT SHAPE | TOOL | WIRE SIZE |
|-------|-----------|---------|------------|------------|-------------|---|-----------------|
| 60001 | 72265 | 25,000 | 3/4" | 1/4" | Cylindrical | Power drill, die grinder, right angle air die grinder | 0.020" (.508mm) |
| 72737 | | 20,000 | 1" | 1/4" | Hex | | 0.012" (.304mm) |
| 72738 | | 20,000 | 1" | 1/4" | Hex | | 0.008" (.203mm) |

**CAT# 70488****STAINLESS STEEL WIRE
CLEANING BRUSH**

7-1/4" (184.1mm) long plastic handle with pre-drilled hang hole. 0.006" (.15mm) SS wire in 3 x 7 rows. Excellent for general cleaning and prepping surfaces exposed to high humidity.

**CAT# 70489****BRASS WIRE
CLEANING BRUSH**

7-1/4" (184.1mm) long plastic handle with pre-drilled hang hole. 0.006" (.15mm) brass wire in 3 x 7 rows. Good cleaning action on non-ferrous materials where scratches are undesirable.

**CAT# 70516****BRASS COATED CRIMPED
STEEL WIRE SCRATCH BRUSH**

5" (127mm) long plastic handle. Made with brass coated crimped steel wire making it resistant to rust and corrosion and providing 15 - 20% longer life. Thin face for tight hard-to-reach spots. Ideal for general purpose cleaning.

**CAT# 70490****WOOD HANDLE BRASS WIRE
CLEANING BRUSH**

7-3/4" (196.9mm) long wood handle with pre-drilled hang hole. 0.006" (.15mm) brass wire in 3 x 7 rows. Strong and durable with solidly imbedded brass bristles. Will not rust. Ideal for general purpose cleaning and excellent for cleaning stainless steel.

**CAT# 70491****CURVED BRASS WIRE
CLEANING BRUSH**

8-5/8" (219.1mm) curved back wood handle with pre-drilled hang hole. 0.006" (.15mm) brass wire in 2 x 9 rows. Will not rust. Ideal for general purpose cleaning and excellent for finish or delicate cleaning of stainless or polished steel. Angle head design eliminates cut or bruised knuckles.

**CAT# 70503****CURVED STAINLESS STEEL
WIRE CLEANING BRUSH**

8-5/8" (219mm) long curved wood handle with pre-drilled hang hole. 0.006" (.15mm) SS wire in 2 x 19 rows. Excellent for general purpose cleaning and for surfaces exposed to high humidity. Angled head design eliminates cut and bruised knuckles.

**CAT# 70504****CURVED CARBON STEEL WIRE
SCRATCH BRUSH**

13-3/4" (349.25mm) curved wood handle with pre-drilled hang hole. 0.014" (.36mm) carbon steel wire in 3 x 19 rows. Ideal for aggressive cleaning and removing rust and paint from most surfaces. Angled head design eliminates cut and bruised knuckles.

**CAT# 70505****SHOE HANDLE CARBON STEEL
WIRE SCRATCH BRUSH**

10-1/4" (260.3mm) long wood shoe handle with pre-drilled hang hole. 0.014" (.36mm) diameter carbon steel wire in 4 x 16 rows. Ideal for aggressive cleaning and removing rust and paint from most surfaces.

**CAT# 70506****WOOD HANDLE STAINLESS
STEEL WIRE CLEANING BRUSH**

7-3/4" (196.9mm) long wood handle with pre-drilled hang hole and 0.006" (.15mm) stainless steel wire in 3 x 7 rows. Perfect for heavy-duty general purpose cleaning in boats and areas where humidity is a problem. Ideal for cleaning most aluminum.

**CAT# 70511****CARBON STEEL WIRE SCRATCH BRUSH WITH STEEL SCRAPER**

13-11/16" (347.7mm) curved wood handle with pre-drilled hang hole. 0.014" (.36mm) diameter wire in 3 x 19 rows. Ideal for aggressive cleaning and removing rust and paint. Angled head design eliminates cut and bruised knuckles. Includes metal scraper.

**CAT# 70512****SHOE HANDLE CARBON STEEL WIRE SCRATCH BRUSH WITH STEEL SCRAPER**

10-1/4" (260.3mm) long wood shoe handle with pre-drilled hang hole. 0.014" (.36mm) diameter carbon steel wire in 4 x 16 rows. Ideal for aggressive cleaning and removing rust and paint. Includes metal scraper.

**CAT# 70518****CURVED WOOD HANDLE BRASS WIRE SCRATCH BRUSH**

13-3/4" (349.3mm) curved wood handle with pre-drilled hang hole. 0.012" (.33mm) brass wire in 3 x 19 rows. Will not rust. Ideal for general purpose cleaning and excellent for cleaning stainless steel.

**CAT# 70519****WOOD SHOE HANDLE BRASS WIRE SCRATCH BRUSH**

10-1/4" (260.3mm) wood shoe handle with pre-drilled hang hole. 0.012" (.33mm) brass wire in 4 x 16 rows. Strong and durable with solidly imbedded brass bristles. Will not rust. Ideal for general purpose cleaning and excellent for cleaning stainless steel.

**CAT# 70520****SHOE HANDLE STAINLESS STEEL WIRE SCRATCH BRUSH**

10-1/4" (260.3mm) long wood shoe handle with pre-drilled hang hole. 0.013" (.33mm) stainless steel wire in 4 x 16 rows. Ideal for surfaces exposed to high humidity.

**CAT# 70521****CURVED HANDLE STAINLESS STEEL WIRE SCRATCH BRUSH**

13-3/4" (349.3mm) long wood handle with pre-drilled hang hole. 0.013" (.33mm) SS wire in 3 x 19 rows. Ideal for general cleaning and surface prep and surfaces exposed to high humidity.

**CAT# 70522****CURVED CARBON STEEL V GROOVE WIRE SCRATCH BRUSH**

13-3/4" (349.3mm) wood handle with pre-drilled hang hole and .014" (.36mm) carbon steel wire in 3 x 19 rows. Great for cleaning tight hard-to-reach areas – T-welds, concrete, driveway joints, auto body seams, etc.

**CAT# 70523****CURVED STAINLESS STEEL V GROOVE WIRE SCRATCH BRUSH**

13-3/4" (349.3mm) wood handle with pre-drilled hang hole and .014" (.36mm) stainless steel wire in 3 x 19 rows. Great for cleaning tight hard-to-reach areas in boats and high humidity areas. Ideal for cleaning most aluminum.



V groove brush

NYLON TUBE BRUSHES

Single stem/single spiral with 0.005" (.127mm) nylon bristles. Ideal for cleaning bottles, carburetors, brake cylinders, radiator hoses, engine blocks, blocked hoses, drains, etc.



CAT# 70469

| CAT# | BRUSH SIZE | LENGTH | DESCRIPTION |
|-------|------------|---------|----------------------|
| 70469 | 3/4" | 8-1/2" | Wire loop-end handle |
| 70485 | 1/2" | 8-1/2" | Wire loop-end handle |
| 70487 | 1-1/4" | 15-1/2" | Wire loop-end handle |

WIRE FITTING BRUSHES

For cleaning plumbing (copper) joints prior to soldering. Great for removing corrosion from battery terminals, tubing and black pipe.



CAT# 70471

| CAT# | BRUSH SIZE | LENGTH | DESCRIPTION |
|-------|------------|--------|----------------|
| 70471 | 1/2" | 4-3/4" | Plastic handle |
| 70472 | 3/4" | 4-3/4" | Plastic handle |

WIRE FITTING BRUSHES

For cleaning plumbing (copper) joints prior to soldering. Great for removing corrosion from battery terminals, tubing and black pipe.



CAT# 70470

| CAT# | BRUSH SIZE | LENGTH | DESCRIPTION |
|-------|------------|--------|------------------|
| 70470 | 5/8" | 6" | Wire loop handle |
| 70484 | 3/4" | 6-1/2" | Wire loop handle |

STAINLESS STEEL POWER TUBE BRUSH

Use for swift and easy cleaning of plumbing joints prior to soldering. Simply insert brush into a power drill.



CAT# 70473

| CAT# | BRUSH SIZE | LENGTH | DESCRIPTION |
|-------|------------|--------|-------------|
| 70473 | 1/2" | 4" | 1/4" shaft |
| 70474 | 3/4" | 4" | 1/4" shaft |

**CAT# 70475**

OUTSIDE TUBE CLEANING BRUSHES

Ideal for cleaning corrosion from terminals and similar cylindrical shapes.

| CAT# | BRUSH SIZE |
|-------|------------|
| 70475 | 1/2" |
| 70476 | 3/4" |

**CAT# 70483**

LOOP HANDLE CARBON STEEL WIRE BRUSH

Wire brush, 1-1/2" steel bristles. Used for hot metal chip removal and repair work where burning is a concern. 5-5/16" (134.9mm) length x 1-1/2" (38.1mm) diameter with carbon steel bristles.

**CAT# 70508**

POLYPROPYLENE BRISTLE PARTS CLEANING BRUSH

Deluxe durable brush with a polypropylene handle and bristles. 10-1/2" (266.7mm) length. Resistant to most auto parts cleaning solutions. 1-piece unitized brush vulcanized in rubber. Used to clean motors, machinery and metal parts.

**CAT# 70509**

WIRE LOOP-END CARBON STEEL PART CLEANING BRUSH

Carbon steel wire brush provides more aggressive action than nylon. 9" (228.6mm) length. Good for removing gasket material or baked on varnish. 0.006" (.15mm) carbon steel wire set into a 1-1/4" (31.3mm) wide metal ferrule.



AFFORDABLE. RELIABLE. VERSATILE.



Easily mounted into a drill, our crimped wire cup brushes are great for rust and paint removal, especially in confined or hard to reach areas. With two different wire sizes for both course and fine projects, try Forney crimped wire cup brushes today!

CAT# 60020

11-PIECE CUP-END & CIRCULAR BRUSH ASSORTMENT

Includes 1-each Forney® 60001, 60002, 60003, 60004, 60005, 60006, 60013, 60014, 60015, 60016 & 60017; **PLUS FREE 11-EACH 10232.**

CAT# 70468

44-PIECE PREMIUM HAND & UTILITY BRUSH OPENING INVENTORY

Includes 2-each Forney® 70469, 70471, 70472, 70483, 70485, 70487, 70488, 70489, 70490, 70491, 70503, 70504, 70505, 70506, 70508, 70511, 70512, 70516, 70518, 70519, 70520 & 70521; **PLUS FREE 22-EACH 10232.**

CAT# 72247**INDUSTRIAL PRO® 6-PIECE
SHAFTED WIRE BRUSH
ASSORTMENT**

Includes 1-each Forney® 72251, 72252, 72253, 72254, 72255 & 72257; **PLUS FREE 1-EACH 72250.**

CAT# 72263**6-PIECE END BRUSH
ASSORTMENT**

Includes 1-each Forney® 72265, 72266, 72267, 72268, 72269 & 72270; **PLUS FREE 1-EACH 72262.**

CAT# 72691**40-PIECE WIRE BRUSH
OPENING INVENTORY**

Includes 2-each Forney® 72725, 72727, 72729, 72731, 72732, 72733, 72735, 72736, 72737, 72738, 72739, 72740, 72745, 72753, 72754, 72755, 72757, 72759, 72760 & 72788; **PLUS FREE 20-EACH 10232.**

CAT# 72718**42-PIECE WIRE BRUSH
OPENING INVENTORY**

Includes 1-each Forney® 72725, 72726, 72727, 72728, 72729, 72730, 72731, 72732, 72733, 72734, 72735, 72736, 72737, 72738, 72739, 72740, 72741, 72742, 72743, 72744, 72745, 72746, 72747, 72748, 72749, 72750, 72751, 72752, 72753, 72754, 72755, 72756, 72757, 72758, 72759, 72760, 72761, 72762, 72780, 72782, 72784 & 72788; **PLUS FREE 42-EACH 10232.**

CAT# 72719**82-PIECE WIRE BRUSH
OPENING INVENTORY**

Includes 1-each Forney® 72761 & 72762; and 2-each 72725, 72726, 72727, 72728, 72729, 72730, 72731, 72732, 72733, 72734, 72735, 72736, 72737, 72738, 72739, 72740, 72741, 72742, 72743, 72744, 72745, 72746, 72747, 72748, 72749, 72750, 72751, 72752, 72753, 72754, 72755, 72756, 72757, 72758, 72759, 72760, 72780, 72782, 72784 & 72788; **PLUS FREE 42-EACH 10232.**

CAT# 72721**16-PIECE "DO-IT-YOURSELF"
1/4 IN SHAFT WIRE BRUSH
ASSORTMENT**

Includes 1-each Forney® 72725, 72726, 72727, 72728, 72729, 72730, 72731, 72732, 72733, 72734, 72735, 72736, 72737, 72738, 72739 & 72740; **PLUS FREE 16-EACH 10232.**

CAT# 72722**8-PIECE "DO-IT-YOURSELF"
BENCH WHEELS ASSORTMENT**

Includes 1-each Forney® 72741, 72742, 72743, 72744, 72745, 72746, 72747 & 72748; **PLUS FREE 8-EACH 10232.**

CAT# 72723**4-PIECE "RED CAP" BENCH
WHEEL ASSORTMENT**

Includes 1-each Forney® 72749, 72750, 72751 & 72752; **PLUS FREE 4-EACH 10232.**

CAT# 72724**14-PIECE "RED CAP" ANGLE
GRINDER WHEEL OPENING
INVENTORY**

Includes 1-each Forney® 72753, 72754, 72755, 72756, 72757, 72758, 72759, 72760, 72761, 72762, 72780, 72782, 72784 & 72788; **PLUS FREE 14-EACH 10232.**

CAT# 72789**48-PIECE SHAFTED WIRE
WHEEL ASSORTMENT**

Includes 8-each Forney® 72790-72792; 16-each 72791-72793; **PLUS FREE 1-EACH 10385.**

CAT# 72794**30-PIECE SHAFTED CUP
BRUSH ASSORTMENT**

Includes 4-each Forney® 72797; 6-each 72795; 8-each 72798; 12-each 72796; **PLUS FREE 1-EACH 10385.**



**DRILL BITS
EXTRACTORS
TAPS & DIES**



INDUSTRIAL PRO® SILVER & DEMING (SDS+) MASONRY HAMMER DRILL BITS

Faster drilling from aggressive carbide tip features self-centering for precise starts and 160° angle for optimum elasticity and wear resistance. Bronze alloy brazing of the carbide top for longer life. High quality shot-peened steel strengthened to relieve tension and minimize bit breakage. Wide fluting design flows the dust out of the hole faster reducing friction and adding life to the carbide cutting.

| CAT# | SIZE (IN.) | TOTAL LENGTH | DRILL DEPTH | TOOL |
|----------|------------|--------------|-------------|-------------|
| 21406 IP | 3/16" | 4" | 2" | Power drill |
| 21407 IP | 3/16" | 6" | 4" | Power drill |
| 21408 IP | 3/16" | 8" | 6" | Power drill |
| 21413 IP | 1/4" | 4" | 2" | Power drill |
| 21414 IP | 1/4" | 6" | 4" | Power drill |
| 21415 IP | 1/4" | 8" | 6" | Power drill |
| 21416 IP | 1/4" | 12" | 10" | Power drill |
| 21424 IP | 3/8" | 6" | 4" | Power drill |
| 21425 IP | 3/8" | 8" | 6" | Power drill |
| 21426 IP | 3/8" | 12" | 10" | Power drill |
| 21427 IP | 3/8" | 18" | 16" | Power drill |
| 21431 IP | 1/2" | 6" | 4" | Power drill |
| 21432 IP | 1/2" | 8" | 6" | Power drill |
| 21433 IP | 1/2" | 12" | 10" | Power drill |
| 21434 IP | 1/2" | 18" | 16" | Power drill |
| 21447 IP | 3/4" | 8" | 6" | Power drill |



INDUSTRIAL PRO® CARBIDE TIPPED FRACTIONAL JOBBER LENGTH PRECISION DRILL BITS

Professional tool for cast iron, hardened steel, exotic metals, concrete and slate. Diamond-ground cutting edge on the carbide tip for highest accuracy. Drill body is made of alloyed high speed steel and carefully selected quality carbide tips ground to 120° point. Recommended for use in drill presses and lathes. Cutting and cooling fluids recommended for best results.

| CAT# | SIZE (IN.) | TOOL |
|----------|------------|-------------|
| 20786 IP | 1/8" | Power drill |
| 20790 IP | 3/16" | Power drill |
| 20794 IP | 1/4" | Power drill |
| 20798 IP | 5/16" | Power drill |
| 20800 IP | 11/32" | Power drill |



INDUSTRIAL PRO® HEAVY-DUTY CARBIDE TIPPED FRACTIONAL MASONRY DRILL BITS

Hand welded, shock proof and highly abrasion resistant tungsten carbide tips. Nickel plated with bright finish. Rated for hammer drill use. For use in drilling tile, brick, masonry, cinder block, marble, stone, concrete, plaster, etc. These drill bits fit portable hammer drills, standard power drills and drill presses. The slow spiral and wide flutes are designed for improved cutting and dust removal. Available in various sizes with 1/4", 3/8", 1/2" or no shaft and 3", 4", 6" or 12" lengths for slow spiral.

| CAT# | SIZE (IN.) | TOTAL LENGTH | SHAFT |
|----------|------------|--------------|-------|
| 20817 IP | 1/8" | 3" | N/A |
| 20819 IP | 3/16" | 4" | N/A |
| 20826 IP | 3/16" | 6" | 1/4" |
| 20821 IP | 1/4" | 4" | N/A |
| 20827 IP | 1/4" | 6" | 1/4" |
| 20841 IP | 1/4" | 12" | 1/4" |
| 20823 IP | 5/16" | 4" | 1/4" |
| 20828 IP | 5/16" | 6" | 1/4" |
| 20824 IP | 3/8" | 4" | 1/4" |
| 20829 IP | 3/8" | 6" | 1/4" |
| 20843 IP | 3/8" | 12" | 1/4" |
| 20852 IP | 3/8" | 20" | 3/8" |
| 20831 IP | 1/2" | 6" | 1/4" |
| 20832 IP | 1/2" | 6" | 3/8" |
| 20844 IP | 1/2" | 12" | 1/2" |
| 20836 IP | 3/4" | 6" | 1/2" |



CAT# 20259

26-PIECE HSS LETTER DRILL SET (A-Z)

Includes 1-each Forney® 20233 through 20258 ("A" through "Z" letters) high speed steel (HSS) jobber length drill bits and free metal index.

CAT# 20013

5-PIECE CARBIDE INDUSTRIAL PRO® TIPPED JOBBER LENGTH FRACTIONAL DRILL ASSORTMENT

Includes 1-each Forney® 20786, 20790, 20794, 20798, and 20800; **PLUS FREE 5-EACH 10205 & 10217.**

CAT# 20816

16-PIECE INDUSTRIAL PRO® CARBIDE TIPPED FRACTIONAL MASONRY DRILL ASSORTMENT

Includes 1-each Forney® 20817, 20819, 20821, 20823, 20824, 20826, 20827, 20828, 20829, 20831, 20832, 20836, 20841, 20843, 20844, and 20852; **PLUS FREE 16-EACH 10230.**

CAT# 21401

16-PIECE INDUSTRIAL PRO® SDS+ MASONRY HAMMER DRILL ASSORTMENT

Includes 1-each Forney® 21406, 21407, 21408, 21413, 21414, 21415, 21416, 21424, 21425, 21426, 21427, 21431, 21432, 21433, 21434, and 21447; **PLUS FREE 16-EACH 10230.**



INDUSTRIAL PRO® 8% COBALT FRACTIONAL HSS 135° SPLIT POINT JOBBER LENGTH DRILL BITS

Industrial Pro® drill made of heat resistant, heavy-duty, 8% cobalt high speed steel (HSS) with a gold finish. Furnished with 135° type P3 split point that begins cutting action immediately, penetrates faster with less pressure and prevents walking. Developed for drilling holes in hard, tough materials such as stainless steel, titanium, high temperature and high strength alloys. No center punch needed.

NATIONAL AEROSPACE STANDARD 907 TYPE J.

| CAT# | SIZE (IN.) |
|-----------------|------------|
| 20039 IP | 1/16" |
| 20040 IP | 5/64" |
| 20041 IP | 3/32" |
| 20042 IP | 7/64" |
| 20043 IP | 1/8" |
| 20044 IP | 9/64" |
| 20045 IP | 5/32" |
| 20046 IP | 11/64" |

| CAT# | SIZE (IN.) |
|-----------------|------------|
| 20047 IP | 3/16" |
| 20048 IP | 13/64" |
| 20049 IP | 7/32" |
| 20050 IP | 15/64" |
| 20051 IP | 1/4" |
| 20052 IP | 17/64" |
| 20053 IP | 9/32" |
| 20054 IP | 19/64" |

| CAT# | SIZE (IN.) |
|-----------------|------------|
| 20055 IP | 5/16" |
| 20056 IP | 21/64" |
| 20057 IP | 11/32" |
| 20058 IP | 23/64" |
| 20059 IP | 3/8" |
| 20060 IP | 25/64" |
| 20061 IP | 13/32" |
| 20062 IP | 27/64" |

| CAT# | SIZE (IN.) |
|-----------------|------------|
| 20063 IP | 7/16" |
| 20064 IP | 29/64" |
| 20065 IP | 15/32" |
| 20066 IP | 31/64" |
| 20067 IP | 1/2" |

INDUSTRIAL PRO® 8% COBALT DRILL SETS

These drills are made of heat resistant, heavy-duty, 8% cobalt high speed steel with a gold finish. Furnished with 135° type P3 split points that begin cutting action immediately, penetrate faster with less pressure and prevent walking. Developed for drilling holes in hard, tough materials such as stainless steel, titanium, high temperature and high strength alloys. No center punch needed. **NATIONAL AEROSPACE STANDARD 907 TYPE J.**

CAT# 20068

13-PIECE INDUSTRIAL PRO® 8% COBALT DRILL SET

Drill bit set includes 1/16" (1.59mm) through 1/4" (6.35mm) by 64ths 8% cobalt fractional drill bits with metal index.

CAT# 20069

15-PIECE INDUSTRIAL PRO® 8% COBALT DRILL SET

Drill bit set, includes 1/16" (1.59mm) through 1/2" (12.7mm) by 32nds 8% cobalt fractional drill bits with metal index.

CAT# 20070

21-PIECE INDUSTRIAL PRO® 8% COBALT DRILL SET

Drill bit set, includes 1/16" (1.59mm) through 3/8" (9.52mm) by 64ths 8% cobalt fractional drill bits with metal index.

CAT# 20071

29-PIECE INDUSTRIAL PRO® 8% COBALT DRILL SET

Drill bit set includes 1/16" (1.59mm) through 1/2" (12.7mm) by 64ths 8% cobalt fractional drill bits with metal index.

CAT# 20011

**115-PIECE INDUSTRIAL PRO®
8% COBALT JOBBER LENGTH
FRACTIONAL DRILL DISPLAY**

135° split point drill bit display. Includes 2-each Forney® 20060, 20061, 20062, 20063, 20064, 20065, 20066, and 20067; 3-each 20050, 20052, 20053, 20054, 20055, 20056, 20057, 20058, and 20059; 6-each 20039, 20040, 20041, 20042, 20043, 20044, 20045, 20046, 20047, 20048, 20049, and 20051; **PLUS FREE 1-EACH 10620.**

CAT# 20012




**58-PIECE INDUSTRIAL PRO®
8% COBALT JOBBER LENGTH
FRACTIONAL DRILL DISPLAY**

135° split point drill bit display. Includes 2-each Forney® 20039, 20040, 20041, 20042, 20043, 20044, 20045, 20046, 20047, 20048, 20049, 20050, 20051, 20052, 20053, 20054, 20055, 20056, 20057, 20058, 20059, 20060, 20061, 20062, 20063, 20064, 20065, 20066, and 20067; **PLUS FREE 1-EACH 10617 & 10622.**



**INDUSTRIAL PRO® 5% COBALT SILVER & DEMING DRILL BITS WITH
FLATTED SHAFT**

Silver and deming (S&D) 5% cobalt high speed steel (HSS) drill bit with flatted shaft, gold finish and 118° split point. Split point provides for better self-centering and accuracy of hole size. Highly effective in tough, high tensile strength materials. Dimensional consistency for minimal adjustment during tool changes. Precision ground for a high degree of concentricity between shaft and body diameter. Flatted shafts for precise drive.




| CAT# | SIZE (IN.) |
|---|------------|
| 20164  | 9/16" |
| 20166  | 5/8" |
| 20170  | 3/4" |
















INDUSTRIAL PRO® 1/2" SHAFT SILVER & DEMING DRILL BITS

High speed steel (HSS), surface treated with 118° split point flattened shank. The steam oxide finish and surface treatment provide abrasion resistance and improved chip flow. General purpose drill bits designed to fit 1/2" drill chucks. These drill bits are ideal for portable drilling of holes larger than 1/2" in diameter.

| CAT# | SIZE (IN.) |
|---|------------|
| 20657  | 33/64" |
| 20658  | 17/32" |
| 20659  | 35/64" |
| 20660  | 9/16" |
| 20661  | 37/64" |
| 20662  | 19/32" |
| 20663  | 39/64" |
| 20664  | 5/8" |

| CAT# | SIZE (IN.) |
|---|------------|
| 20665  | 41/64" |
| 20666  | 21/32" |
| 20668  | 11/16" |
| 20669  | 45/64" |
| 20670  | 23/32" |
| 20672  | 3/4" |
| 20673  | 49/64" |
| 20674  | 25/32" |

| CAT# | SIZE (IN.) |
|---|------------|
| 20676  | 13/16" |
| 20680  | 7/8" |
| 20681  | 57/64" |
| 20682  | 29/32" |
| 20683  | 59/64" |
| 20684  | 15/16" |
| 20685  | 61/64" |
| 20686  | 31/32" |

| CAT# | SIZE (IN.) |
|---|------------|
| 20688  | 1" |
| 20690  | 1-1/16" |
| 20692  | 1-1/8" |
| 20694  | 1-3/16" |
| 20695  | 1-1/4" |

CAT# 20023

10-PIECE INDUSTRIAL PRO® HIGH SPEED STEEL SILVER & DEMING FRACTIONAL DRILL ASSORTMENT

Includes 1-each Forney® 20658, 20660, 20662, 20664, 20668, 20672, 20676, 20680, 20684, and 20688; **PLUS FREE 10-EACH 10230.**

CAT# 20024

29-PIECE INDUSTRIAL PRO® HIGH SPEED STEEL SILVER & DEMING FRACTIONAL DRILL ASSORTMENT

Includes 1-each Forney® 20657, 20658, 20659, 20660, 20661, 20662, 20663, 20664, 20665, 20666, 20668, 20669, 20670, 20672, 20673, 20674, 20676, 20680, 20681, 20682, 20683, 20684, 20685, 20686, 20688, 20690, 20692, 20694, and 20695; **PLUS FREE 29-EACH 10230.**





INDUSTRIAL PRO® HELICAL FLUTE SCREW EXTRACTORS

Tough industrial quality screw extractors for removing screws, bolts and threaded parts. The extractor is inserted into a pre-drilled hole and the broken part is backed out with a wrench. Also used for turning threaded pipe sections.

| CARDED CAT# | BULK CAT# | EXTRACTOR REQUIRED | DRILL SIZE | SCREW OR BOLT SIZE | PIPE SIZE |
|-------------|-----------|--------------------|------------|--------------------|-----------|
| 22860 IP | 20860 IP | #1 | 5/64" | 3/16" - 1/4" | |
| 22861 IP | 20861 IP | #2 | 7/64" | 1/4" - 5/16" | |
| 22862 IP | 20862 IP | #3 | 5/32" | 5/16" - 7/16" | 1/16" |
| 22863 IP | 20863 IP | #4 | 1/4" | 7/16" - 9/16" | 1/8" |
| 22864 IP | 20864 IP | #5 | 17/64" | 9/16" - 3/4" | 1/4" |
| 22865 IP | 20865 IP | #6 | 13/32" | 3/4" - 1" | 3/8" |
| 22866 IP | 20866 IP | #7 | 17/32" | 1" - 1-3/8" | 1/2" |
| | 20867 IP | #8 | 13/16" | 1-3/8" - 1-3/4" | 3/4" |
| | 20868 IP | #9 | 1-1/16" | 1-3/4" - 2-1/8" | 1" |

CAT# 20022

20-PIECE INDUSTRIAL PRO® HELICAL FLUTE SCREW EXTRACTOR DISPLAY

Includes 1-each Forney® 20866, 20867, 20868 & 20872; 2-each 20864 & 20865; and 3-each 20860, 20861, 20862 & 20863; **PLUS FREE 1-EACH 10624 AND 5-EACH 10248.**

CAT# 20872

6-PIECE INDUSTRIAL PRO® HELICAL FLUTE SCREW EXTRACTOR SET

Includes 1-each Forney® 20860, 20861, 20862, 20863, 20864, and 20865.

CAT# 22022

16-PIECE INDUSTRIAL PRO® HELICAL FLUTE SCREW EXTRACTOR ASSORTMENT

Includes 1-each Forney® 20867 and 22857; 2-each 22860, 22861, 22862, 22863, 22864, 22865, and 22866; **PLUS FREE 9-EACH 10232.**






INDUSTRIAL PRO® HIGH SPEED STEEL FRACTIONAL AIRCRAFT EXTENSION DRILL BITS

High speed steel (HSS) fractional aircraft extension drill bits with 135° split point that allows the cutting action to begin immediately, penetrate faster with less pressure and prevent walking. Aircraft extension drills are normally operated in portable electric drills and are used for drilling holes in hard-to-reach places. These drill bits are used in aircraft plants for wing and tail assemblies and for drilling cowlings, spars and firewalls. No center punch is needed.

NATIONAL AEROSPACE STANDARD 907, TYPE B, AIRCRAFT EXTENSION DRILLS TYPE A243.

| CAT# | SIZE (IN.) | LENGTH (IN.) |
|---|------------|--------------|
| 20561  | 1/16" | 6" |
| 20562  | 5/64" | 6" |
| 20563  | 3/32" | 6" |
| 20564  | 7/64" | 6" |
| 20565  | 1/8" | 6" |
| 20566  | 9/64" | 6" |
| 20567  | 5/32" | 6" |
| 20568  | 11/64" | 6" |
| 20569  | 3/16" | 6" |
| 20570  | 13/64" | 6" |

| CAT# | SIZE (IN.) | LENGTH (IN.) |
|---|------------|--------------|
| 20571  | 7/32" | 6" |
| 20572  | 15/64" | 6" |
| 20573  | 1/4" | 6" |
| 20579  | 1/16" | 12" |
| 20580  | 5/64" | 12" |
| 20581  | 3/32" | 12" |
| 20582  | 7/64" | 12" |
| 20583  | 1/8" | 12" |
| 20585  | 5/32" | 12" |
| 20587  | 3/16" | 12" |

| CAT# | SIZE (IN.) | LENGTH (IN.) |
|---|------------|--------------|
| 20588  | 13/64" | 12" |
| 20589  | 7/32" | 12" |
| 20591  | 1/4" | 12" |
| 20593  | 9/32" | 12" |
| 20595  | 5/16" | 12" |
| 20597  | 11/32" | 12" |
| 20599  | 3/8" | 12" |
| 20603  | 7/16" | 12" |
| 20607  | 1/2" | 12" |

CAT# 20574

INDUSTRIAL PRO® 13-PIECE 6 IN. AIRCRAFT EXTENSION DRILL BIT SET

6" high speed steel fractional, 135° split point, aircraft extension drill bit set. Includes 1-each Forney® 20561, 20562, 20563, 20564, 20565, 20566, 20567, 20568, 20569, 20570, 20571, 20572, and 20573.

CAT# 21311

26-PIECE INDUSTRIAL PRO® 6 IN. HSS FRACTIONAL AIRCRAFT EXTENSION DRILL ASSORTMENT

Includes 2-each Forney® 20561, 20562, 20563, 20564, 20565, 20566, 20567, 20568, 20569, 20570, 20571, 20572, and 20573; **PLUS FREE 13-EACH 10230.**

CAT# 21312

15-PIECE INDUSTRIAL PRO® 12 IN. HSS FRACTIONAL AIRCRAFT EXTENSION DRILL ASSORTMENT

135° split point, aircraft extension drill bit assortment. Includes 1-each Forney® 20579, 20580, 20581, 20583, 20585, 20587, 20588, 20589, 20591, 20593, 20595, 20597, 20599, 20603, and 20607; **PLUS FREE 15-EACH 10230.**



INDUSTRIAL PRO® HIGH SPEED STEEL FRACTIONAL SPLIT POINT DOUBLE-ENDED DRILL BITS

Industrial Pro® double-ended high speed steel fractional drill bits with bright finish and 135° split point. Self-centering. Special purpose short drills for use on sheet metal, auto bodies, etc.

| CAT# | SIZE (IN.) |
|-----------------|------------|
| 20555 IP | 1/8" |
| 20558 IP | 3/16" |
| 20560 IP | 1/4" |

CAT# 20554

6-PIECE INDUSTRIAL PRO® HSS FRACTIONAL DOUBLE-ENDED BODY DRILL ASSORTMENT

Includes 2-each Forney® 20555, 20558, and 20560; **PLUS FREE 3-EACH 10205 & 10217.**



INDUSTRIAL PRO® HIGH SPEED STEEL FRACTIONAL SPLIT POINT JOBBER LENGTH DRILL BITS

Surface treated and furnished with 135° type P3 split point. Made of heavier construction and affords excellent results in hard steels, titanium and other hard materials and are particularly suitable for power and portable drilling. Surface treated for abrasion resistance and improved chip flow. 135° split point begins cutting action immediately, penetrates faster with less pressure and prevents walking. No center punch needed.

| CAT# | SIZE (IN.) | CAT# | SIZE (IN.) | CAT# | SIZE (IN.) | CAT# | SIZE (IN.) |
|-----------------|------------|-----------------|------------|-----------------|------------|-----------------|------------|
| 20187 IP | 1/16" | 20195 IP | 3/16" | 20203 IP | 5/16" | 20211 IP | 7/16" |
| 20188 IP | 5/64" | 20196 IP | 13/64" | 20204 IP | 21/64" | 20212 IP | 29/64" |
| 20189 IP | 3/32" | 20197 IP | 7/32" | 20205 IP | 11/32" | 20213 IP | 15/32" |
| 20190 IP | 7/64" | 20198 IP | 15/64" | 20206 IP | 23/64" | 20214 IP | 31/64" |
| 20191 IP | 1/8" | 20199 IP | 1/4" | 20207 IP | 3/8" | 20215 IP | 1/2" |
| 20192 IP | 9/64" | 20200 IP | 17/64" | 20208 IP | 25/64" | | |
| 20193 IP | 5/32" | 20201 IP | 9/32" | 20209 IP | 13/32" | | |
| 20194 IP | 11/64" | 20202 IP | 19/64" | 20210 IP | 27/64" | | |



INDUSTRIAL PRO® HIGH SPEED STEEL FRACTIONAL JOBBER LENGTH DRILL SETS

These drills are surface treated and furnished with 135° type P3 split point. Made of heavier construction and produces excellent results in hard steels, titanium and other hard materials and are particularly suitable for power and portable drilling. Surface treated for abrasion resistance and improved chip flow. 135° split point begins cutting action immediately, penetrates faster with less pressure and prevents walking. No center punch needed.

CAT# 20216

13-PIECE HSS FRACTIONAL DRILL SET

Includes 1/16" (1.59mm) through 1/4" (6.35mm) by 64ths high speed steel (HSS) fractional jobber length drill bits with metal index.

CAT# 20217

15-PIECE HSS FRACTIONAL DRILL SET

Includes 1/16" (1.59mm) through 1/2" (12.7mm) by 32nds high speed steel (HSS) fractional jobber length drill bits with metal index.

CAT# 20218

21-PIECE HSS FRACTIONAL DRILL SET

Includes 1/16" (1.59mm) through 3/8" (9.52mm) by 64ths high speed steel (HSS) fractional jobber length drill bits with metal index.

CAT# 20219

29-PIECE HSS FRACTIONAL DRILL SET

Includes 1/16" (1.59mm) through 1/2" (12.7mm) by 64ths high speed steel (HSS) fractional jobber length drill bits with metal index.

CAT# 20015

115-PIECE HIGH SPEED STEEL (HSS) JOBBER LENGTH FRACTIONAL DRILL DISPLAY

Includes 2-each Forney® 20208, 20209, 20210, 20211, 20212, 20213, 20214 & 20215; 3-each 20198, 20200, 20201, 20202, 20203, 20204, 20205, 20206 & 20207; and 6-each 20187, 20188, 20189, 20190, 20191, 20192, 20193, 20194, 20195, 20196, 20197 & 20199; **PLUS FREE 1-EACH 10619.**

CAT# 20016

58-PIECE HIGH SPEED STEEL (HSS) JOBBER LENGTH FRACTIONAL DRILL DISPLAY

Includes 2-each Forney® 20187, 20188, 20189, 20190, 20191, 20192, 20193, 20194, 20195, 20196, 20197, 20198, 20199, 20200, 20201, 20202, 20203, 20204, 20205, 20206, 20207, 20208, 20209, 20210, 20211, 20212, 20213, 20214 & 20215; **PLUS FREE 1-EACH 10618 & 10622.**



INDUSTRIAL PRO® HIGH SPEED STEEL FRACTION SPLIT POINT SCREW MACHINE LENGTH (STUBBY) DRILL BITS

Surface treated finish for improved wear resistance with 135° point. Designed for use in machine drilling and in portable drilling equipment on hard and tough sheet metal alloys of the heat-resistant stainless steel and titanium types. The split point, heavy-duty construction and stubby length provide for easy penetration, making this drill an excellent choice for many different applications, particularly in automotive body work and in the building and appliance industries.

NATIONAL AEROSPACE STANDARD 907, TYPE C.

| CAT# | SIZE (IN.) | CAT# | SIZE (IN.) | CAT# | SIZE (IN.) | CAT# | SIZE (IN.) |
|----------|------------|----------|------------|----------|------------|----------|------------|
| 20446 IP | 1/16" | 20454 IP | 3/16" | 20462 IP | 5/16" | 20470 IP | 7/16" |
| 20447 IP | 5/64" | 20455 IP | 13/64" | 20463 IP | 21/64" | 20471 IP | 29/64" |
| 20448 IP | 3/32" | 20456 IP | 7/32" | 20464 IP | 11/32" | 20472 IP | 15/32" |
| 20449 IP | 7/64" | 20457 IP | 15/64" | 20465 IP | 23/64" | 20473 IP | 31/64" |
| 20450 IP | 1/8" | 20458 IP | 1/4" | 20466 IP | 3/8" | 20474 IP | 1/2" |
| 20451 IP | 9/64" | 20459 IP | 17/64" | 20467 IP | 25/64" | | |
| 20452 IP | 5/32" | 20460 IP | 9/32" | 20468 IP | 13/32" | | |
| 20453 IP | 11/64" | 20461 IP | 19/64" | 20469 IP | 27/64" | | |

CAT# 20019

120-PIECE HSS SCREW MACHINE LENGTH (STUBBY) FRACTIONAL DRILL BIT ASSORTMENT

Includes 3-each Forney® 20457, 20458, 20459, 20460, 20461, 20462, 20463, 20464, 20465, 20466, 20467, 20468, 20469, 20470, 20471, 20472, 20473 & 20474; and 6-each 20446, 20447, 20448, 20449, 20450, 20451, 20452, 20453, 20454, 20455 & 20456; **PLUS FREE 1-EACH 10618.**

CAT# 20476

29-PIECE SCREW MACHINE DRILL SET

Fractional drill bit set includes 1/16" (1.59mm) through 1/2" (12.7mm) by 64ths high speed steel (HSS) fractional screw machine length (stubby) drill bits with metal index.



INDUSTRIAL PRO® HIGH SPEED STEEL LEFT HAND TWIST JOBBER LENGTH DRILL BITS

Surface treated with bright finish and furnished with 118° split point. Made of heavier construction. Great for drilling out and removing broken studs, bolts and screws. Using a left hand drill bit for removal eliminates tightening or spinning the work deeper. Requires a reversing drill.

| CARDERD CAT# | BULK CAT# | SIZE (IN.) | CARDERD CAT# | BULK CAT# | SIZE (IN.) | CARDERD CAT# | BULK CAT# | SIZE (IN.) |
|--------------|-----------|------------|--------------|-----------|------------|--------------|-----------|------------|
| 22518 IP | 20518 IP | 1/16" | 22532 IP | 20532 IP | 9/32" | 22541 IP | 20541 IP | 27/64" |
| 22522 IP | 20522 IP | 1/8" | 22536 IP | 20536 IP | 11/32" | | 20543 IP | 29/64" |
| 22526 IP | 20526 IP | 3/16" | 22537 IP | 20537 IP | 23/64" | | 20544 IP | 15/32" |
| 22530 IP | 20530 IP | 1/4" | 22539 IP | 20539 IP | 25/64" | | 20545 IP | 31/64" |



INDUSTRIAL PRO® HIGH SPEED STEEL LEFT HAND TWIST SPLIT POINT SCREW MACHINE LENGTH (STUBBY) DRILL BITS

Bright finish with 118° split point. A great method of drilling out and removing broken studs, bolts and screws. Using a left hand drill bit for removal eliminates tightening or spinning the work deeper. The left hand drill bit can spin the broken piece out without having to use a screw extractor. Requires a reversing drill.

| CAT# | SIZE (IN.) | CAT# | SIZE (IN.) | CAT# | SIZE (IN.) | CAT# | SIZE (IN.) |
|-------|------------|-------|------------|-------|------------|-------|------------|
| 20481 | 1/16" | 20488 | 11/64" | 20495 | 9/32" | 20504 | 27/64" |
| 20482 | 5/64" | 20489 | 3/16" | 20496 | 19/64" | 20505 | 7/16" |
| 20483 | 3/32" | 20490 | 13/64" | 20497 | 5/16" | 20506 | 29/64" |
| 20484 | 7/64" | 20491 | 7/32" | 20498 | 21/64" | 20507 | 15/32" |
| 20485 | 1/8" | 20492 | 15/64" | 20500 | 23/64" | 20508 | 31/64" |
| 20486 | 9/64" | 20493 | 1/4" | 20501 | 3/8" | 20509 | 1/2" |
| 20487 | 5/32" | 20494 | 17/64" | 20502 | 25/64" | | |

CAT# 20510

6-PIECE INDUSTRIAL PRO® "STUBBY" LEFT HAND TWIST DRILL SET

118° split point, screw machine length (stubby), left hand twist drill bit set. Includes 1-each Forney® 20481, 20485, 20489, 20493, 20497, and 20501.

CAT# 20511

8-PIECE INDUSTRIAL PRO® "STUBBY" LEFT HAND TWIST DRILL SET

118° split point, screw machine length (stubby), left hand twist drill bit set. Includes 1-each Forney® 20481, 20485, 20489, 20493, 20497, 20501, 20505, and 20509.

CAT# 22021

10-PIECE INDUSTRIAL PRO® HIGH SPEED STEEL (HSS) JOBBER LENGTH FRACTIONAL LEFT HAND TWIST DRILL ASSORTMENT

118° split point drill bit assortment. Includes 1-each Forney® 22518, 22522, 22526, 22530, 22532, 22536, 22537, 22539, 22541, and 22857; **PLUS FREE 10-EACH 10232.**

CAT# 20512

10-PIECE INDUSTRIAL PRO® "STUBBY" LEFT HAND TWIST DRILL & HELICAL FLUTE SCREW EXTRACTOR SET

Includes 1/16" (1.59mm) through 5/16" (7.94mm) by 64ths left hand twist screw machine length (stubby) drill bits and Forney® 20860 through 20864 (#1 through #5) spiral screw extractors; **PLUS FREE METAL INDEX.**

CAT# 20513

27-PIECE INDUSTRIAL PRO® "STUBBY" LEFT HAND TWIST DRILL SET

Includes 1/16" (1.59mm) through 1/2" (12.7mm) by 64ths high speed steel (HSS) fractional left hand twist screw machine length (stubby) drill bits with **FREE METAL INDEX.**

CAT# 20021

42-PIECE INDUSTRIAL PRO® HSS SCREW MACHINE LENGTH "STUBBY" LEFT HAND TWIST DRILL DISPLAY

118° split point drill bit display. Includes 1-each Forney® 20505, 20509, 20510, 20511, and 20512; 2-each 20497 and 20501; 3-each 20481, 20485, 20489, and 20493; **PLUS FREE 1-EACH 10623 AND 5-EACH 10248.**



INDUSTRIAL PRO® HIGH SPEED STEEL (LETTER) JOBBER LENGTH DRILL BITS

Surface treated with 118° point. For general purpose production drilling under a wide range of operating conditions and in various materials such as cast iron, steel and steel forgings. The steam oxide finish and surface treatment provide abrasion resistance and improved chip flow.

| CAT# | SIZE | CAT# | SIZE | CAT# | SIZE | CAT# | SIZE |
|-------|------|-------|------|-------|------|-------|------|
| 20233 | A | 20240 | H | 20247 | O | 20254 | V |
| 20234 | B | 20241 | I | 20248 | P | 20255 | W |
| 20235 | C | 20242 | J | 20249 | Q | 20256 | X |
| 20236 | D | 20243 | K | 20250 | R | 20257 | Y |
| 20237 | E | 20244 | L | 20251 | S | 20258 | Z |
| 20238 | F | 20245 | M | 20252 | T | | |
| 20239 | G | 20246 | N | 20253 | U | | |



INDUSTRIAL PRO® HIGH SPEED STEEL (WIRE GAUGE) JOBBER LENGTH DRILL BITS

Surface treated with 118° point. For general purpose production drilling under a wide range of operating conditions and in various materials such as cast iron, steel and steel forgings. The steam oxide finish and surface treatment provide abrasion resistance and improved chip flow.

| CAT# | SIZE | CAT# | SIZE | CAT# | SIZE | CAT# | SIZE |
|-------|------|-------|------|-------|------|-------|------|
| 20264 | #1 | 20284 | #21 | 20304 | #41 | 20324 | #61 |
| 20265 | #2 | 20285 | #22 | 20305 | #42 | 20325 | #62 |
| 20266 | #3 | 20286 | #23 | 20306 | #43 | 20326 | #63 |
| 20267 | #4 | 20287 | #24 | 20307 | #44 | 20327 | #64 |
| 20268 | #5 | 20288 | #25 | 20308 | #45 | 20328 | #65 |
| 20269 | #6 | 20289 | #26 | 20309 | #46 | 20329 | #66 |
| 20270 | #7 | 20290 | #27 | 20310 | #47 | 20330 | #67 |
| 20271 | #8 | 20291 | #28 | 20311 | #48 | 20331 | #68 |
| 20272 | #9 | 20292 | #29 | 20312 | #49 | 20332 | #69 |
| 20273 | #10 | 20293 | #30 | 20313 | #50 | 20333 | #70 |
| 20274 | #11 | 20294 | #31 | 20314 | #51 | 20334 | #71 |
| 20275 | #12 | 20295 | #32 | 20315 | #52 | 20335 | #72 |
| 20276 | #13 | 20296 | #33 | 20316 | #53 | 20336 | #73 |
| 20277 | #14 | 20297 | #34 | 20317 | #54 | 20337 | #74 |
| 20278 | #15 | 20298 | #35 | 20318 | #55 | 20338 | #75 |
| 20279 | #16 | 20299 | #36 | 20319 | #56 | 20339 | #76 |
| 20280 | #17 | 20300 | #37 | 20320 | #57 | 20340 | #77 |
| 20281 | #18 | 20301 | #38 | 20321 | #58 | 20341 | #78 |
| 20282 | #19 | 20302 | #39 | 20322 | #59 | 20342 | #79 |
| 20283 | #20 | 20303 | #40 | 20323 | #60 | 20343 | #80 |



INDUSTRIAL PRO® HIGH SPEED STEEL WIRE GAUGE DRILL SETS

High speed steel (HSS) wire gauge jobber length drill bits are surface treated with 118° point. For general purpose production drilling under a wide range of operating conditions and in various materials such as cast iron, steel and steel forgings. The steam oxide finish and surface treatment provide abrasion resistance and improved chip flow.

CAT# 20344

60-PIECE WIRE GAUGE DRILL SET

#1-#60, jobber length, high speed steel. Includes 1-each Forney® 20264 through 20323 #1 - #60 wire gauge jobber length drill bits and metal index.

CAT# 20345

20-PIECE WIRE GAUGE DRILL SET

#61-#80, jobber length, high speed steel. Includes 1-each Forney® 20324 through 20343 #61 - #80 wire gauge jobber length drill bits and plastic index.

CAT# 20018

180-PIECE HIGH SPEED STEEL (HSS) JOBBER LENGTH #1 - #60 WIRE GAUGE DRILL ASSORTMENT

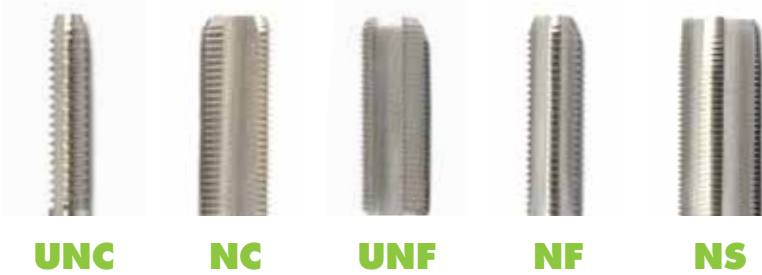
Includes 3-each Forney® 20264-20265-20266-20267-20268-20269-20270-20271-20272-20273-20274-20275-20276-20277-20278-20279-20280-20281-20282-20283-20284-20285-20286- 20287-20288-20289-20290-20291-20292-20293-20294-20295-20296-20297-20298-20299-20300-20301-20302-20303-20304-20305-20306-20307-20308-20309-20310-20311-20312-20313-20314-20315-20316-20317-20318-20319-20320-20321-20322-20323; **PLUS FREE 1-EACH 10368-10630.**

CAT# 20020

60-PIECE HIGH SPEED STEEL (HSS) JOBBER LENGTH #61 - #80 WIRE GAUGE DRILL DISPLAY

Includes 3-each Forney® 20324-20325-20326-20327-20328-20329-20330-20331-20332-20333-20334-20335-20336-20337-20338-20339-20340-20341-20342-20343; **PLUS FREE 1-EACH 10369-10629.**

UNC: UNIFIED NATIONAL COARSE
NC: NATIONAL COARSE
UNF: UNIFIED NATIONAL FINE
NF: NATIONAL FINE
NS: NATIONAL SPECIAL



INDUSTRIAL PRO® HIGH SPEED STEEL BOTTOM TAPS

Industrial Pro® high speed steel (HSS) bottom taps. Includes 30° chamfer angle (approximately 2 pitches chamfered) and 1-1/2 tooth height. For tapping a blind hole where the threads need to go to the bottom of the hole. Carded items are indicated with a "C".

| CARD | CAT# | SIZE | DESCRIPTION | CARD | CAT# | SIZE | DESCRIPTION | CARD | CAT# | SIZE | DESCRIPTION |
|------|-------|-------------|-------------|------|-------|-------------|-------------|------|-------|------------|-------------|
| | 20982 | #4 x 40 | UNC | | 20998 | 1" x 8 | UNC | | 21022 | 7/8" x 14 | UNF |
| | 20983 | #5 x 40 | NC | | 21007 | #4 x 48 | UNF | | 21023 | 1" x 12 | UNF |
| | 20984 | #6 x 32 | UNC | | 21008 | #5 x 44 | UNF | | 21024 | 1" x 14 | NS |
| | 20985 | #8 x 32 | UNC | | 21009 | #6 x 40 | UNF | C | 22984 | #6 x 32 | UNC |
| | 20986 | #10 x 24 | UNC | | 21010 | #8 x 36 | UNF | C | 22985 | #8 x 32 | UNC |
| | 20987 | #12 x 24 | UNC | | 21011 | #10 x 32 | UNF | C | 22986 | #10 x 24 | UNC |
| | 20988 | 1/4" x 20 | UNC | | 21012 | #12 x 28 | UNF | C | 22987 | #12 x 24 | UNC |
| | 20989 | 5/16" x 18 | UNC | | 21013 | 1/4" x 28 | UNF | C | 22988 | 1/4" x 20 | UNC |
| | 20990 | 3/8" x 16 | UNC | | 21014 | 5/16" x 24 | NF | C | 22989 | 5/16" x 18 | UNC |
| | 20991 | 7/16" x 14 | UNC | | 21015 | 3/8" x 24 | UNF | C | 22990 | 3/8" x 16 | UNC |
| | 20992 | 1/2" x 13 | UNC | | 21016 | 7/16" x 20 | UNF | C | 22991 | 7/16" x 14 | UNC |
| | 20993 | 9/16" x 12 | UNC | | 21017 | 1/2" x 20 | UNF | C | 22992 | 1/2" x 13 | UNC |
| | 20994 | 5/8" x 11 | UNC | | 21018 | 9/16" x 18 | UNF | C | 22993 | 9/16" x 12 | UNC |
| | 20995 | 11/16" x 11 | NC | | 21019 | 5/8" x 18 | UNF | C | 22994 | 5/8" x 11 | UNC |
| | 20996 | 3/4" x 10 | UNC | | 21020 | 11/16" x 16 | UNF | C | 22996 | 3/4" x 10 | UNC |
| | 20997 | 7/8" x 9 | UNC | | 21021 | 3/4" x 16 | UNF | | | | |

CAT# 20028

35-PIECE INDUSTRIAL PRO® HIGH SPEED STEEL (HSS) BOTTOM TAP DISPLAY

UNC/UNF high speed steel bottom tap display. Includes 1-each Forney® 20982, 20983, 20984, 20985, 20986, 20987, 20888, 20989, 20990, 20991, 20992, 20993, 20994, 20995, 20996, 20997, 20998, 21007, 21008, 21009, 21010, 21011, 21012, 21013, 21014, 21015, 21016, 21017, 21018, 21019, 21020, 21021, 21022, 21023 & 21024; **PLUS FREE 1-EACH 10628.**

CAT# 22028

18-PIECE INDUSTRIAL PRO® HIGH SPEED STEEL (HSS) BOTTOM TAP ASSORTMENT

UNC high speed steel bottom tap assortment. Includes 1-each Forney® 22857, 22984, 22985, 22986, 22987, 22991, 22993 & 22996; and 2-each 22988, 22989, 22990, 22992 & 22994; **PLUS FREE 13-EACH 10232.**

WHAT KIND OF TAP SHOULD I USE?

TAPER TAPS have 7 to 10 thread chamfers to distribute cutting action over many teeth and the taper also acts as a guide in starting. **PLUG TAPS** with a chamfer over four threads, are most widely used in through-holes and where there is sufficient room at the bottom in blind holes. **BOTTOMING TAPS** are made with just enough chamfer for starting in the hole, only 1 to 2 half threads. As the name implies, it is designed to thread blind holes to the bottom.

Tap sizes have been standardized to conform with those of standard screws, bolts, and studs. Machine Screw tap sizes range from No. 0 through No. 14; No. 0 being .0600" outside diameter; No. 1, .0730"; No. 2, .0860", etc. – all in .0130" increments. Hand Taps, more commonly designated as Fractional Taps and used today on all production machines, are designated in fractional and integral inch sizes from 1/4" upwards. Threads per Inch are shown for various tooth forms: the Unified series adopted by Great Britain and the United States during the war, and the corresponding American National Standard. NC and UNC mean coarse thread. NF and UNF mean fine thread. NS means special thread.

**INDUSTRIAL PRO® HIGH SPEED STEEL PLUG TAPS**

Industrial Pro® high speed steel (HSS) plug taps. Includes 9° chamfer angle (3-5 pitches chamfered) and 3-5 tooth height. For use in most tapping applications. Suitable for blind holes where the hole is deeper than the threads required.

| BULK CAT# | CARDED CAT# | SIZE | DESCRIPTION |
|-----------------|-------------|-------------|-------------|
| 20932 IP | | #4 x 40 | UNC |
| 20933 IP | | #5 x 40 | UNC |
| 20934 IP | | #6 x 32 | UNC |
| 20935 IP | | #8 x 32 | UNC |
| 20936 IP | | #10 x 24 | UNC |
| 20937 IP | | #12 x 24 | UNC |
| 20938 IP | 22938 | 1/4" x 20 | UNC |
| 20939 IP | 22939 | 5/16" x 18 | UNC |
| 20940 IP | 22940 | 3/8" x 16 | UNC |
| 20941 IP | 22941 | 7/16" x 14 | UNC |
| 20942 IP | 22942 | 1/2" x 13 | UNC |
| 20943 IP | | 9/16" x 12 | UNC |
| 20944 IP | 22944 | 5/8" x 11 | UNC |
| 20945 IP | | 11/16" x 11 | NC |
| 20946 IP | | 3/4" x 10 | UNC |
| 20947 IP | | 7/8" x 9 | UNC |
| 20948 IP | | 1" x 8 | UNC |
| 20957 IP | | #4 x 48 | UNF |

| BULK CAT# | CARDED CAT# | SIZE | DESCRIPTION |
|-----------------|-------------|-------------|-------------|
| 20958 IP | | #5 x 44 | UNF |
| 20959 IP | | #6 x 40 | UNF |
| 20960 IP | | #8 x 36 | UNF |
| 20961 IP | | #10 x 32 | UNF |
| 20962 IP | | #12 x 28 | UNF |
| 20963 IP | | 1/4" x 28 | UNF |
| 20964 IP | | 5/16" x 24 | UNF |
| 20965 IP | | 3/8" x 24 | UNF |
| 20966 IP | | 7/16" x 20 | UNF |
| 20967 IP | | 1/2" x 20 | UNF |
| 20968 IP | | 9/16" x 18 | UNF |
| 20969 IP | | 5/8" x 18 | UNF |
| 20970 IP | | 11/16" x 16 | NF |
| 20971 IP | | 3/4" x 16 | UNF |
| 20972 IP | | 7/8" x 14 | UNF |
| 20973 IP | | 1" x 12 | UNF |
| 20974 IP | | 1" x 14 | NS |

CAT# 20027**35-PIECE INDUSTRIAL PRO® HIGH SPEED STEEL (HSS) PLUG TAP DISPLAY**

UNC/UNF high speed steel plug tap display. Includes 1-each Forney® 20932, 20933, 20934, 20935, 20936, 20937, 20938, 20939, 20940, 20941, 20942, 20943, 20944, 20945, 20946, 20947, 20948, 20957, 20958, 20959, 20960, 20961, 20962, 20963, 20964, 20965, 20966, 20967, 20968, 20969, 20970, 20971, 20972, 20973, & 20974; **PLUS FREE 1-EACH 10628.**

CAT# 22027**12-PIECE INDUSTRIAL PRO® HIGH SPEED STEEL (HSS) PLUG TAP ASSORTMENT**

UNC high speed steel plug tap assortment. Includes 1-each Forney® 22857 & 22944; and 2-each 22938, 22939, 22940, 22941 & 22942; **PLUS FREE 7-EACH 10232.**



INDUSTRIAL PRO® HIGH SPEED STEEL TAPER TAPS

Industrial Pro® high speed steel (HSS) taper taps. Includes 4° chamfer angle (7-10 pitches chamfered) and 8-10 tooth height. For use on hard materials. Carded items are indicated with a "C".

| CARDED | CAT# | SIZE | DESCRIPTION |
|--------|----------|-------------|-------------|
| | 20882 IP | #4 x 40 | UNC |
| | 20883 IP | #5 x 40 | UNC |
| | 20884 IP | #6 x 32 | UNC |
| | 20885 IP | #8 x 32 | UNC |
| | 20886 IP | #10 x 24 | UNC |
| | 20887 IP | #12 x 24 | UNC |
| | 20888 IP | 1/4" x 20 | UNC |
| | 20889 IP | 5/16" x 18 | UNC |
| | 20890 IP | 3/8" x 16 | UNC |
| | 20891 IP | 7/16" x 14 | UNC |
| | 20892 IP | 1/2" x 13 | UNC |
| | 20893 IP | 9/16" x 12 | UNC |
| | 20894 IP | 5/8" x 11 | UNC |
| | 20895 IP | 11/16" x 11 | NC |

| CARDED | CAT# | SIZE | DESCRIPTION |
|--------|----------|------------|-------------|
| | 20896 IP | 3/4" x 10 | UNC |
| | 20897 IP | 7/8" x 9 | UNC |
| | 20898 IP | 1" x 8 | UNC |
| | 20907 IP | #4 x 48 | UNC |
| | 20908 IP | #5 x 44 | UNF |
| | 20909 IP | #6 x 40 | UNF |
| | 20910 IP | #8 x 36 | UNF |
| | 20911 IP | #10 x 32 | UNF |
| | 20912 IP | #12 x 28 | UNF |
| | 20913 IP | 1/4" x 28 | UNF |
| | 20914 IP | 5/16" x 24 | UNF |
| | 20915 IP | 3/8" x 24 | UNF |
| | 20916 IP | 7/16" x 20 | UNF |
| | 20917 IP | 1/2" x 20 | UNF |

| CARDED | CAT# | SIZE | DESCRIPTION |
|--------|----------|-------------|-------------|
| | 20918 IP | 9/16" x 18 | UNF |
| | 20919 IP | 5/8" x 18 | UNF |
| | 20920 IP | 11/16" x 16 | NF |
| | 20921 IP | 3/4" x 16 | UNF |
| | 20922 IP | 7/8" x 14 | UNF |
| | 20923 IP | 1" x 12 | UNF |
| | 20924 IP | 1" x 14 | NS |
| C | 22886 IP | #10 x 24 | UNC |
| C | 22888 IP | 1/4" x 20 | UNC |
| C | 22889 IP | 5/16" x 18 | UNC |
| C | 22890 IP | 3/8" x 16 | UNC |
| C | 22891 IP | 7/16" x 14 | UNC |
| C | 22892 IP | 1/2" x 13 | UNC |
| C | 22894 IP | 5/8" x 11 | UNC |

CAT# 20026

35-PIECE INDUSTRIAL PRO® HIGH SPEED STEEL (HSS) TAPER TAP DISPLAY

UNC/UNF high speed steel taper tap display. Includes 1-each Forney® 20882, 20883, 20884, 20885, 20886, 20887, 20888, 20889, 20890, 20891, 20892, 20893, 20894, 20895, 20896, 20897, 20898, 20907, 20908, 20909, 20910, 20911, 20912, 20913, 20914, 20915, 20916, 20917, 20918, 20919, 20920, 20921, 20922, 20923, and 20924; **PLUS FREE 1-EACH 10628.**

CAT# 22026

8-PIECE INDUSTRIAL PRO® HIGH SPEED STEEL (HSS) TAPER TAP ASSORTMENT

UNC taper tap assortment. Includes 1-each Forney® 22857, 22886, 22888, 22889, 22890, 22891, 22892, and 22894; **PLUS FREE 8-EACH 10232.**



INDUSTRIAL PRO® HIGH SPEED STEEL TAPERED PIPE TAPS

Industrial Pro® high speed steel (HSS) tapered pipe taps. SAE52100.

| BULK CAT# | CARDED CAT# | SIZE (IN.) | BULK CAT# | CARDED CAT# | SIZE (IN.) | BULK CAT# | CARDED CAT# | SIZE (IN.) |
|-----------|-------------|------------|-----------|-------------|------------|-----------|-------------|------------|
| 21029 | | 1/16" | 21034 | | 3/4" | | 23032 | 3/8" |
| 21030 | | 1/8" | 21035 | | 1" | | 23033 | 1/2" |
| 21031 | | 1/4" | | 23029 | 1/16" | | 23034 | 3/4" |
| 21032 | | 3/8" | | 23030 | 1/8" | | 23035 | 1" |
| 21033 | | 1/2" | | 23031 | 1/4" | | | |

CAT# 20029

14-PIECE INDUSTRIAL PRO® TAPERED PIPE TAP & RIGHT HAND HEX RE-THREADING DIE DISPLAY

High speed steel fractional, tapered pipe tap & hex re-threading die display. Includes 1-each Forney® 21029, 21030, 21031, 21032, 21033, 21034, 21035, 21141, 21142, 21143, 21144, 21145, 21146 & 21147; **PLUS FREE 1-EACH 10629.**

CAT# 22029

11-PIECE INDUSTRIAL PRO® TAPERED PIPE TAP ASSORTMENT

High speed steel tapered pipe tap assortment. Includes 1-each Forney® 22857, 23029, 23032, 23034 & 23035; and 2-each 23030, 23031 & 23033; **PLUS FREE 8-EACH 10232.**



INDUSTRIAL PRO® HEX RE-THREADING DIES

Industrial Pro® National Pipe Thread (NPT) right hand hexagon re-threading dies allows use in tight places. Used primarily for repairing existing threads.

| CARDED CAT# | BULK CAT# | SIZE (IN.) | CARDED CAT# | BULK CAT# | SIZE (IN.) |
|-------------|-----------|------------|-------------|-----------|------------|
| 23141 | 21141 | 1/16" | 23145 | 21145 | 1/2" |
| 23142 | 21142 | 1/8" | 23146 | 21146 | 3/4" |
| 23143 | 21143 | 1/4" | 23147 | 21147 | 1" |
| 23144 | 21144 | 3/8" | | | |

CAT# 20031

35-PIECE INDUSTRIAL PRO® CARBON STEEL (CS) HEX RE-THREADING DIE DISPLAY

Includes 1-each Forney® 21151, 21152, 21153, 21154, 21155, 21156, 21157, 21158, 21159, 21160, 21161, 21162, 21163, 21164, 21165, 21166, 21167, 21172, 21173, 21174, 21175, 21176, 21177, 21178, 21179, 21180, 21181, 21182, 21183, 21184, 21185, 21186, 21187, 21188 & 21189; **PLUS FREE 1-EACH 10628.**

CAT# 22031

19-PIECE INDUSTRIAL PRO® CARBON STEEL RIGHT HAND HEX RE-THREADING ASSORTMENT

Includes 1-each Forney® 22857, 23142, 23143, 23144, 23145, 23146, 23153, 23156, 23157, 23158, 23159, 23160, 23161, 23162 & 23163; **PLUS FREE 15-EACH 10232.**



INDUSTRIAL PRO® HEX RE-THREADING DIES

Industrial Pro® right hand hex re-threading dies allow use in tight places. Used primarily for repairing existing threads. Carded items are indicated with a "C".

| CARDED | CAT# | SIZE | DESCRIPTION |
|--------|----------|-------------|-------------|
| | 21151 IP | #4 x 40 | UNC |
| | 21152 IP | #5 x 40 | UNC |
| | 21153 IP | #6 x 32 | UNC |
| | 21154 IP | #8 x 32 | UNC |
| | 21155 IP | #10 x 24 | UNC |
| | 21156 IP | #12 x 24 | UNC |
| | 21157 IP | 1/4" x 20 | UNC |
| | 21158 IP | 5/16" x 18 | UNC |
| | 21159 IP | 3/8" x 16 | UNC |
| | 21160 IP | 7/16" x 14 | UNC |
| | 21161 IP | 1/2" x 13 | UNC |
| | 21162 IP | 9/16" x 12 | UNC |
| | 21163 IP | 5/8" x 11 | UNC |
| | 21164 IP | 11/16" x 11 | UNC |
| | 21165 IP | 3/4" x 10 | UNC |
| | 21166 IP | 7/8" x 9 | UNC |

| CARDED | CAT# | SIZE | DESCRIPTION |
|--------|----------|-------------|-------------|
| | 21167 IP | 1" x 8 | UNC |
| | 21172 IP | #4 x 48 | UNC |
| | 21173 IP | #5 x 44 | UNC |
| | 21174 IP | #6 x 40 | UNC |
| | 21175 IP | #8 x 32 | UNF |
| | 21176 IP | #10 x 32 | UNF |
| | 21177 IP | #12 x 28 | UNF |
| | 21178 IP | 1/4" x 28 | UNF |
| | 21179 IP | 5/16" x 24 | UNF |
| | 21180 IP | 3/8" x 24 | UNF |
| | 21181 IP | 7/16" x 20 | UNF |
| | 21182 IP | 1/2" x 20 | UNF |
| | 21183 IP | 9/16" x 18 | UNF |
| | 21184 IP | 5/8" x 18 | UNF |
| | 21185 IP | 11/16" x 16 | UNF |
| | 21186 IP | 3/4" x 16 | UNF |

| CARDED | CAT# | SIZE | DESCRIPTION |
|--------|----------|------------|-------------|
| | 21187 IP | 7/8" x 14 | UNF |
| | 21188 IP | 1" x 12 | UNF |
| | 21189 IP | 1" x 14 | UNF |
| C | 23153 IP | #6 x 32 | UNC |
| C | 23154 IP | #8 x 32 | UNC |
| C | 23155 IP | #10 x 24 | UNC |
| C | 23156 IP | #12 x 24 | UNC |
| C | 23157 IP | 1/4" x 20 | UNC |
| C | 23158 IP | 5/16" x 18 | UNC |
| C | 23159 IP | 3/8" x 16 | UNC |
| C | 23160 IP | 7/16" x 14 | UNC |
| C | 23161 IP | 1/2" x 13 | UNC |
| C | 23162 IP | 9/16" x 12 | UNC |
| C | 23163 IP | 5/8" x 11 | UNC |



CAT# 21253

INDUSTRIAL PRO® RATCHET TAP WRENCH

Industrial Pro® precision ratchet-type tap wrench. 13" (330.2mm) overall length. Features 5/32" (3.97mm) to 1/4" (6.35mm) fractional taps.



CAT# 21255

INDUSTRIAL PRO® PILOTED SPINDLE TAP WRENCH

Industrial Pro® piloted spindle tapper. Features 1/16" (1.59mm) to 1/4" (6.35mm) tap size capacity.



CAT# 21256

INDUSTRIAL PRO® PILOTED SPINDLE TAP WRENCH

Industrial Pro® piloted spindle tapper. Features 1/4" (6.35mm) to 1/2" (12.7mm) tap size capacity.



**CAT# 20856****INDUSTRIAL PRO® EEZ SPRAY™
FOAM CUTTING FLUID**

Industrial Pro® EEZ Foamy™ Spray cutting fluid. 17 oz. (481.9 g). Excellent for tapping, threading, drilling, reaming and milling ferrous metals and non-ferrous alloys. Spray directly on the work surface. Spray will not run.

**CAT# 20857****INDUSTRIAL PRO® TAP
MAGIC™ PRO-CUT FLUID 4 OZ.**

Industrial Pro® Tap Magic™ 4 oz. (0.118 L) cutting and cooling fluid. Great for all cutting, regardless of what you cut or how you cut it. Completely biodegradable and ecologically safe.

**CAT# 20858****INDUSTRIAL PRO® TAP MAGIC™
PRO-CUT FLUID 16 OZ.**

Industrial Pro® Tap Magic™ 16 oz. (0.473 L) cutting and cooling fluid. Great for all cutting, regardless of what you cut or how you cut it. Completely biodegradable and ecologically safe.

**CAT# 20859****INDUSTRIAL PRO® TAP MAGIC™
PRO-CUT FLUID 1 GALLON**

Industrial Pro® Tap Magic™ 1 gallon (3.79 L) cutting and cooling fluid. Great for all cutting, regardless of what you cut or how you cut it. Completely biodegradable and ecologically safe.

**CAT# 22857****INDUSTRIAL PRO® TAP MAGIC™
PRO-CUT FLUID (CARDED)**

Industrial Pro® Tap Magic™ 4 oz. (0.118 L), carded, cutting and cooling fluid. Great for all cutting, regardless of what you cut or how you cut it. Completely biodegradable and ecologically safe.

CAT# 20003**85-PIECE INDUSTRIAL PRO® LEFT HAND TWIST DRILLS, EXTRACTORS, TAPER-PLUG-BOTTOM TAPS & HEX RE-THREADING DIES OPENING INVENTORY**

Carded opening inventory includes 1-each Forney® 20867, 22518, 22522, 22526, 22530, 22532, 22536, 22537, 22539, 22541, 22886, 22888, 22889, 22890, 22891, 22892, 22894, 22944, 22984, 22985, 22986, 22987, 22991, 22993, 22996, 23029, 23032, 23034, 23035, 23142, 23143, 23144, 23145, 23146, 23153, 23156, 23157, 23158, 23159, 23160, 23161, 23162, and 23163; 2-each 22857, 22860, 22861, 22862, 22863, 22864, 22865, 22866, 22938, 22939, 22940, 22941, 22942, 22988, 22989, 22990, 22992, 22994, 23030, 23031, and 23033; **PLUS FREE 64-EACH 10232.**

A large hole saw with a serrated edge and a central pilot hole is positioned on a wooden surface. To its right, a smaller drill bit is also visible. The background is a blurred wooden texture.

HOLE SAWS MANDRELS PILOT DRILLS & HACKSAWS



INDUSTRIAL PRO® 8% COBALT HIGH SPEED STEEL BI-METAL HOLE SAWS

Industrial Pro® premium 8% cobalt, bi-metal high speed steel (HSS) hole saws featuring teeth treated to 64HRC with a maximum cutting depth of 1-3/8" (34mm) and a thickened, machined base for stability. Heat treated body for maximum resistance. 4-6 variable tooth pitch for aggressive cutting. 10° positive rake angle enhances cutting tough materials. Cuts mild to hardened steel, stainless steel, most polymers, wood, plumbing, electrical fittings, etc.

| CAT# | SIZE (IN.) |
|----------|------------|
| 20702 IP | 9/16" |
| 20703 IP | 5/8" |
| 20704 IP | 11/16" |
| 20705 IP | 3/4" |
| 20707 IP | 7/8" |
| 20708 IP | 15/16" |
| 20709 IP | 1" |
| 20710 IP | 1-1/16" |
| 20712 IP | 1-1/8" |
| 20714 IP | 1-1/4" |
| 20716 IP | 1-3/8" |
| 20718 IP | 1-1/2" |
| 20720 IP | 1-5/8" |

| CAT# | SIZE (IN.) |
|----------|------------|
| 20722 IP | 1-3/4" |
| 20724 IP | 1-7/8" |
| 20725 IP | 2" |
| 20726 IP | 2-1/16" |
| 20727 IP | 2-1/8" |
| 20728 IP | 2-1/4" |
| 20730 IP | 2-3/8" |
| 20731 IP | 2-1/2" |
| 20732 IP | 2-9/16" |
| 20733 IP | 2-5/8" |
| 20734 IP | 2-3/4" |
| 20735 IP | 2-7/8" |
| 20736 IP | 3" |

| CAT# | SIZE (IN.) |
|----------|------------|
| 20737 IP | 3-1/8" |
| 20738 IP | 3-1/4" |
| 20740 IP | 3-1/2" |
| 20742 IP | 3-3/4" |
| 20744 IP | 4" |
| 20745 IP | 4-1/8" |
| 20746 IP | 4-1/4" |
| 20748 IP | 4-1/2" |
| 20749 IP | 4-3/4" |
| 20750 IP | 5" |
| 20752 IP | 6" |

CAT# 20025

50-PIECE INDUSTRIAL PRO® 8% COBALT HIGH SPEED STEEL (HSS) HOLE SAWS ASSORTMENT

Bi-metal hole saws & accessories assortment. Includes 1-each Forney® 20702, 20703, 20704, 20705, 20707, 20708, 20709, 20710, 20712, 20714, 20716, 20718, 20720, 20722, 20724, 20725, 20726, 20727, 20728, 20730, 20731, 20732, 20733, 20734, 20735, 20736, 20737, 20738, 20740, 20742, 20744, 20745, 20746, 20748, 20749, 20750, 20752, 20753, 20755, 20757, 20759, 20761, 20762, 20763, 20764 & 20765; and 2-each 20756 & 20758; **PLUS FREE 48-EACH 10205 & 10217.**

**CAT# 20753****INDUSTRIAL PRO® MANDREL,
#6 PILOT DRILL AND SHAFT**

Industrial Pro® hole saw mandrel with 1/4" (6.3mm) shank. Fits Forney® 20702 - 20706 Industrial Pro® hole saws. Fitted with Forney® 20761, #6 pilot drill.

**CAT# 20755****INDUSTRIAL PRO® MANDREL,
#12 PILOT DRILL AND SHAFT**

Industrial Pro® hole saw mandrel with 3/8" (9.52mm) shank. Fits Forney® 20702 - 20706, Industrial Pro® hole saws and most 9/16" (14.29mm) through 1-1/8" (28.58mm) hole saws. Fitted with Forney® 20762, #12 pilot drill.

**CAT# 20756****INDUSTRIAL PRO® MANDREL,
#12 PILOT DRILL AND SHAFT**

Industrial Pro® hole saw mandrel with 7/16" (11.11mm) shank. Fits Forney® 20714 - 20752 Industrial Pro® hole saws. Fitted with Forney® 20762, #12 pilot drill.

**CAT# 20757****INDUSTRIAL PRO® MANDREL,
#12 PILOT DRILL & SDS SHAFT**

Industrial Pro® hole saw mandrel with SDS percussion drill shank. Fits Forney® 20702 - 20713 Industrial Pro® hole saws. Fitted with Forney® 20762, #12 pilot drill. **USE ONLY IN NON-PERCUSSION MODE.**

**CAT# 20758****INDUSTRIAL PRO® MANDREL,
#12 PILOT DRILL AND SHAFT**

8-5/8" (219.1mm) curved back wood handle with pre-drilled hang hole. Industrial Pro® hole saw mandrel with 3/8" (9.52mm) shank. Fits Forney® 20714 - 20752, Industrial Pro® hole saws. Fitted with Forney® 20762, #12 pilot drill.

**CAT# 20759****INDUSTRIAL PRO® MANDREL,
#12 PILOT DRILL & SDS SHAFT**

Industrial Pro® hole saw mandrel with SDS percussion drill shank. Fits Forney® 20714 - 20752 Industrial Pro® hole saws. Fitted with Forney® 20762, #12 pilot drill. **USE ONLY IN NON-PERCUSSION MODE.**

**CAT# 20761****REPLACEMENT INDUSTRIAL
PRO® #6 PILOT DRILL**

Replacement 1/4" (6.35mm) x 4-5/8" (117.5mm) high speed steel (HSS) #6 pilot drill for Forney® 20753 Industrial Pro® hole saw mandrel.

**CAT# 20762****REPLACEMENT INDUSTRIAL
PRO® #12 PILOT DRILL**

Replacement 1/4" (6.35mm) x 3-1/4" (82.6mm) high speed steel (HSS) #12 pilot drill for Forney® 20754 through 20758 Industrial Pro® hole saw mandrels.

**CAT# 20763****REPLACEMENT INDUSTRIAL PRO®
MANDREL EJECTOR SPRING**

Replacement ejector spring for Forney® 20753 and 20755 through 20759 Industrial Pro® hole saw mandrels.

**CAT# 20764****REPLACEMENT INDUSTRIAL
PRO® MANDREL SET SCREW**

Replacement set screw for Forney®
20753 and 20754 Industrial Pro® hole
saw mandrels.

**CAT# 20765****REPLACEMENT INDUSTRIAL
PRO® MANDREL SET SCREW**

Replacement set screw for Forney®
20756 and 20758 Industrial Pro® hole
saw mandrels.



**CAT# 21277****INDUSTRIAL PRO® HACKSAW FRAME WITH KNOB & BLADES**

Industrial Pro® hacksaw frame with control knob. Knob aids control in making a straight cut. Includes one 12" x 10D/24T Industrial Pro® cobalt bi-metal hacksaw blade (Forney® 21279 is a 10-pack). Blade can be rotated for flush cutting. Store up to 10 extra blades in the top of the frame. Use with Forney® 21278 - 21280 replacement hacksaw blades.

**CAT# 73000****ADJUSTABLE HACKSAW BLADE FRAME**

Hacksaw frame, adjustable, standard duty sturdy, adjustable frame. Fits all standard length blades. Lightweight and strong for faster, smoother and quieter cutting.

COBALT FLEX HACKSAW BLADES

Standard American pattern saw file. Round, smooth single cut.

**CAT# 21278**

| CAT# | DESCRIPTION |
|-------|--------------------|
| 72005 | 12" x 18T, 10-pack |
| 72006 | 12" x 24T, 10-pack |
| 72007 | 12" x 32T, 10-pack |

INDUSTRIAL PRO® ULTRA BI-HARD COBALT HACKSAW BLADES

High speed steel (HSS) ultra bi-hard cobalt hacksaw blades are flexible and shatterproof.

**CAT# 21278**

| CAT# | DESCRIPTION |
|-------|-----------------------------------|
| 21278 | 12" x 18-tooth (8D/18T), 10-pack |
| 21279 | 12" x 24-tooth (10D/24T), 10-pack |
| 21280 | 12" x 32-tooth (12D/32T), 10-pack |

CAT# 72999

63-PIECE HACKSAW FRAME & BLADE ASSORTMENT

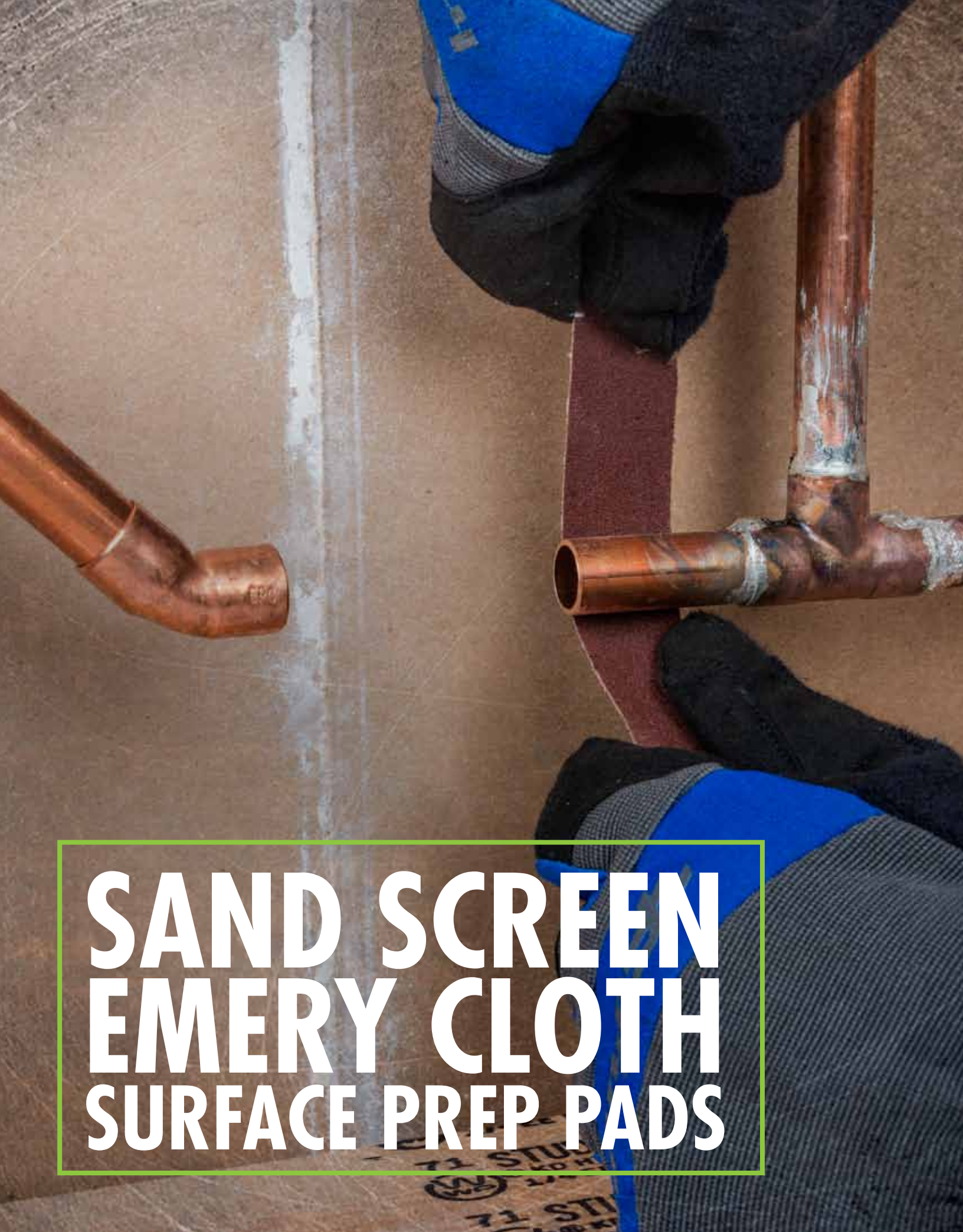
Includes 3-each Forney® 73000; and 2-each 72005, 72006 & 72007; **PLUS FREE 1-EACH 10232 & 10626 AND 2-EACH 10248.**

CAT# 20033

42-PIECE INDUSTRIAL PRO® HACKSAW FRAME AND COBALT BLADE ASSORTMENT

Bi-metal blade assortment. Includes 2-each Forney® 21277; 1-each 21278 & 21280; and 2-each 21279; **PLUS FREE 1-EACH 10232 & 10625 AND 2-EACH 10248.**





**SAND SCREEN
EMERY CLOTH
SURFACE PREP PADS**



CAT# 71725

1-1/2 IN. X 3 YARD SAND SCREENS

Silicon carbide grain sand screens. Non-loading open screen. For wood, paint, ceramic, ferrous and non-ferrous metals.

| CAT# | GRIT | SIZE |
|-------|------|------------------|
| 71725 | 80, | 1-1/2" x 3 yards |
| 71726 | 120 | |
| 71727 | 180 | |
| 71728 | 320 | |



CAT# 71803

1 IN. X 10 YARD EMERY CLOTH BENCH ROLLS

Hand sanding (dry) and cleaning of metal, wood and pipe ends. Aluminum oxide coating. Open grain prevents loading.

| CAT# | GRIT | SIZE |
|-------|------|---------------|
| 71803 | 80 | 1" x 10 yards |
| 71804 | 120 | |
| 71805 | 180 | |
| 71806 | 320 | |



CAT# 71918

6 IN. X 9 IN. GREEN HAND PADS

Use to prepare surface before priming and painting. Gives a smoother and better finish than other abrasives. Quantity discounts available.

| CAT# | DESCRIPTION | SIZE |
|-------|--------------|---------|
| 71918 | General duty | 6" x 9" |
| 71919 | Heavy-duty | |

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| 20579 72 | 20688 70 | 20762 87 | 20891 81 | 20963 80 | 21031 82 |
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|-------|----|-------|----|-------|----|-------|----|
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| 72407 | 18 | 72722 | 64 | 72793 | 53 | | |
| 72408 | 18 | 72723 | 64 | 72794 | 64 | | |
| 72409 | 34 | 72724 | 64 | 72795 | 57 | | |

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