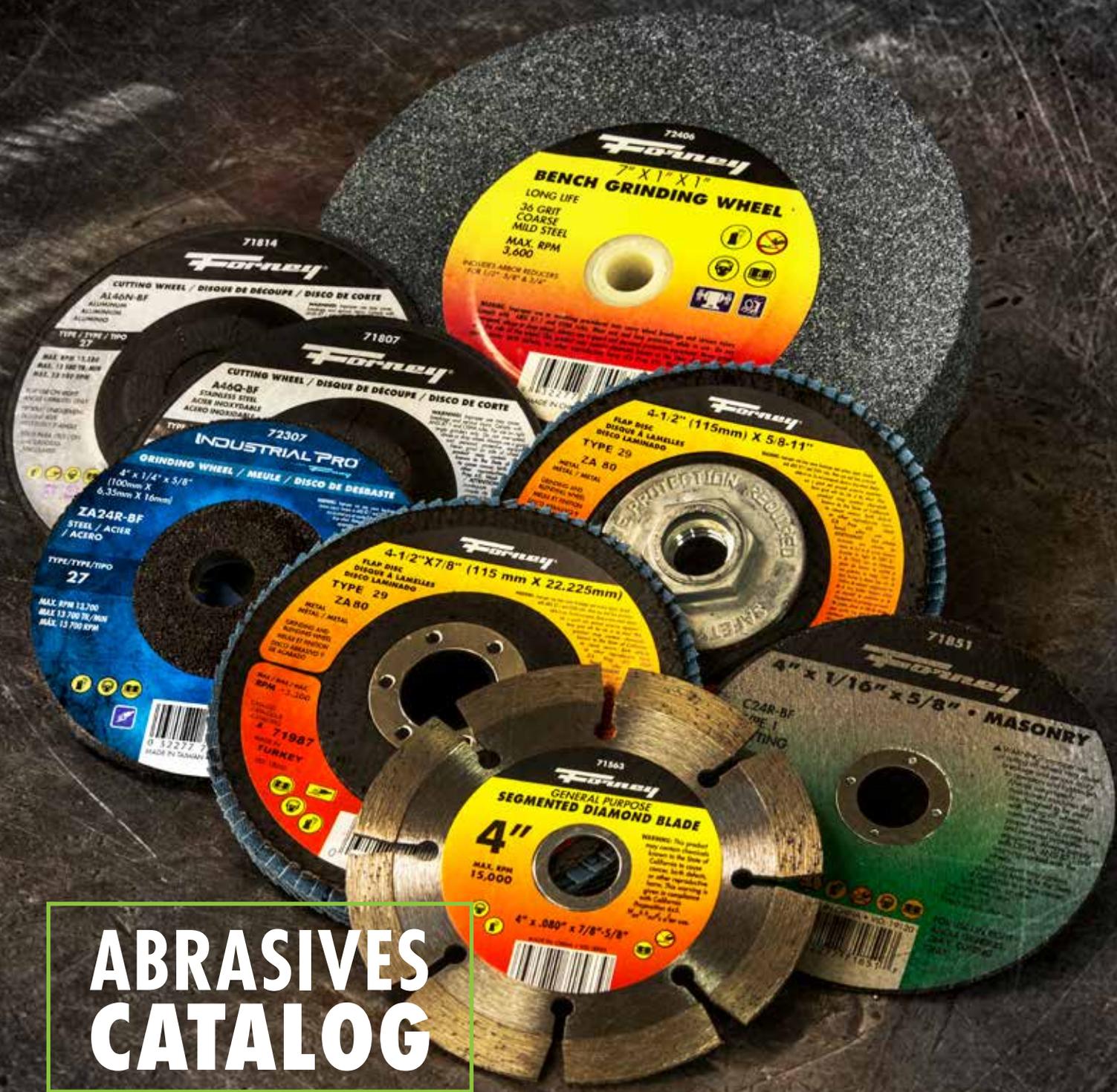


# FORNEY INDUSTRIES

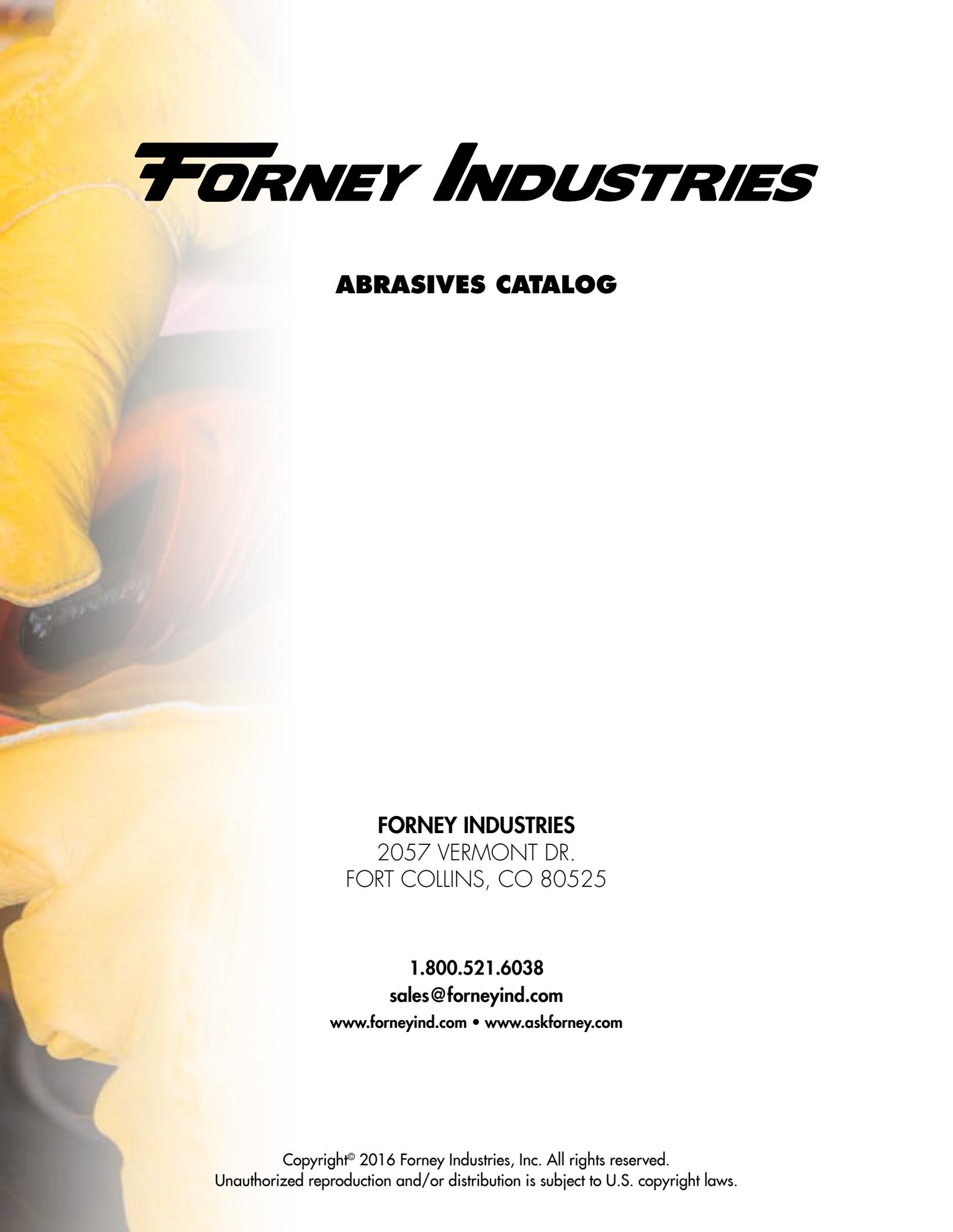
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& THE INDUSTRIAL MARKETS SINCE 1932

FORNEY INDUSTRIES  
2016 ABRASIVES CATALOG



## ABRASIVES CATALOG





# ***FORNEY INDUSTRIES***

## **ABRASIVES CATALOG**

**FORNEY INDUSTRIES**  
2057 VERMONT DR.  
FORT COLLINS, CO 80525

**1.800.521.6038**  
**sales@forneyind.com**  
**www.forneyind.com • www.askforney.com**

# **FORNEY INDUSTRIES**

**ALL BUSINESS IS LOCAL**

## **FIVE WAYS TO ORDER**

**Web:** www.forneyind.com  
**Phone:** 800-521-6038  
**Fax:** 970-498-9505  
**Mail:** Forney Industries  
2057 Vermont Drive  
Fort Collins, CO 80525  
**Email:** sales@forneyind.com

## **U.S. Warehouses:**

- Fort Collins, CO
- Tipp City, OH

## **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,

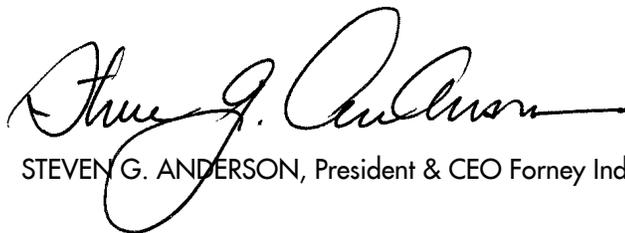
For more than 80 years, Forney Industries has been committed to offering products that make your life easier. Whether you are a seasoned welder, rancher, or someone who simply enjoys working in the garage, we offer more than 5,000 products based on what you need, not on what we want to sell.

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)
<b>C</b>	SILICON CARBIDE	MASONRY
<b>A</b>	ALUMINUM OXIDE	METAL
<b>ZA</b>	ZIRCONIA ALUMINA	STAINLESS STEEL FERROUS METAL
<b>TA</b>	CERAMIC TREATED ALUMINUM OXIDE	METAL

## GRIT

NUMBER	GRIT LEVEL
<b>8-24</b>	COARSE
<b>30-60</b>	MEDIUM
<b>70-180</b>	FINE
<b>220+</b>	EXTRA FINE

## BOND STRENGTH

LETTER	HARDNESS
<b>A-N</b>	SOFT
<b>O-S</b>	MEDIUM
<b>T-Z</b>	HARD

## BOND TYPE

LETTER	BOND TYPE
<b>BF</b>	RESINOID
<b>E</b>	SHELLAC
<b>R</b>	RUBBER
<b>V</b>	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:**

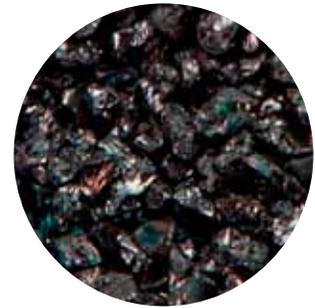
Aluminum and ferrous metals

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



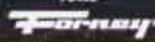
# CUT THROUGH ANYTHING

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

MADE IN CHINA • VEC. 7133



# 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	<b>60</b> Medium
72401	● Mild steel	4,100	6"	3/4"	1"	Bench grinder	<b>36</b> Coarse
72402	● Mild steel	4,100	6"	3/4"	1"	Bench grinder	<b>80</b> Fine
72403	● Mild steel	4,100	6"	1"	1"	Bench grinder	<b>36</b> Coarse
72404	● Mild steel	4,100	6"	1"	1"	Bench grinder	<b>60</b> Medium
72405	● Mild steel	4,100	6"	1"	1"	Bench grinder	<b>80</b> Fine
72406	● Mild steel	3,600	7"	1"	1"	Bench grinder	<b>36</b> Coarse
72407	● Mild steel	3,600	7"	1"	1"	Bench grinder	<b>60</b> Medium
72408	● Mild steel	3,600	7"	1"	1"	Bench grinder	<b>80</b> Fine
72397	● Mild steel	2,865	8"	1"	1"	Bench grinder	<b>60</b> Medium
72398	● Mild steel	2,865	8"	1"	1"	Bench grinder	<b>36</b> 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

**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# 71560

**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# 71563

**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



CAT# 71556



**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**

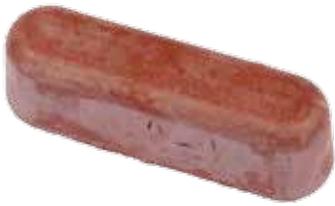
6" orbital sander backing pad with 1/4" shaft, fits Forney® 01992.

**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.



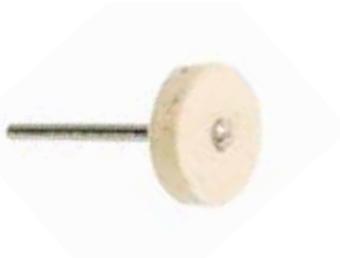
**CAT# 60205**  
**1 IN. BUFFING WHEEL (2-PACK)**

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.	13,000	4-1/2"	M10 x 1.25/1.50	Angle grinder	0.020" (0.50mm)
72835	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"	5/8"-11 & M14 x 2.0	Angle grinder	0.020" (0.50mm)
72840		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.	20,000	4"	5/8"-11	Angle grinder	0.020" (0.50mm)
72784	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"	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		12,000	5"	5/8"-11	Angle grinder	0.020" (.508mm)
72851		8,500	7"	5/8"-11	Angle grinder	0.020" (.508mm)
72760	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.	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.

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



**TWIST KNOT WIRE END BRUSHES**



CAT# 60002

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.

CARDED CAT#	BULK CAT#	MAX RPM	SIZE	SHAFT	TOOL	WIRE SIZE
60002	72266 <b>IP</b>	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 <b>IP</b>	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 <b>IP</b>	1/16"
20040 <b>IP</b>	5/64"
20041 <b>IP</b>	3/32"
20042 <b>IP</b>	7/64"
20043 <b>IP</b>	1/8"
20044 <b>IP</b>	9/64"
20045 <b>IP</b>	5/32"
20046 <b>IP</b>	11/64"

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

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

CAT#	SIZE (IN.)
20063 <b>IP</b>	7/16"
20064 <b>IP</b>	29/64"
20065 <b>IP</b>	15/32"
20066 <b>IP</b>	31/64"
20067 <b>IP</b>	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 <b>IP</b>	1/8"
20558 <b>IP</b>	3/16"
20560 <b>IP</b>	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.)						
20187 <b>IP</b>	1/16"	20195 <b>IP</b>	3/16"	20203 <b>IP</b>	5/16"	20211 <b>IP</b>	7/16"
20188 <b>IP</b>	5/64"	20196 <b>IP</b>	13/64"	20204 <b>IP</b>	21/64"	20212 <b>IP</b>	29/64"
20189 <b>IP</b>	3/32"	20197 <b>IP</b>	7/32"	20205 <b>IP</b>	11/32"	20213 <b>IP</b>	15/32"
20190 <b>IP</b>	7/64"	20198 <b>IP</b>	15/64"	20206 <b>IP</b>	23/64"	20214 <b>IP</b>	31/64"
20191 <b>IP</b>	1/8"	20199 <b>IP</b>	1/4"	20207 <b>IP</b>	3/8"	20215 <b>IP</b>	1/2"
20192 <b>IP</b>	9/64"	20200 <b>IP</b>	17/64"	20208 <b>IP</b>	25/64"		
20193 <b>IP</b>	5/32"	20201 <b>IP</b>	9/32"	20209 <b>IP</b>	13/32"		
20194 <b>IP</b>	11/64"	20202 <b>IP</b>	19/64"	20210 <b>IP</b>	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.)						
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.)						
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

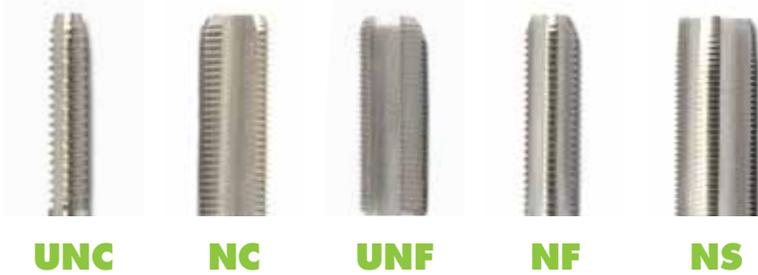
Includes 3-each Forney® 20264-20265-20266-20267-20268-20269-20270-20271-20272-20273-20274-20275-20276-20277-20278-20279-20280-20281-20282-20283-20284-20285-20286- 20287-20288-20289-20290-20291-20292-20293-20294-20295-20296-20297-20298-20299-20300-20301-20302-20303-20304-20305-20306-20307-20308-20309-20310-20311-20312-20313-20314-20315-20316-20317-20318-20319-20320-20321-20322-20323; **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 <b>IP</b>		#4 x 40	UNC
20933 <b>IP</b>		#5 x 40	UNC
20934 <b>IP</b>		#6 x 32	UNC
20935 <b>IP</b>		#8 x 32	UNC
20936 <b>IP</b>		#10 x 24	UNC
20937 <b>IP</b>		#12 x 24	UNC
20938 <b>IP</b>	22938	1/4" x 20	UNC
20939 <b>IP</b>	22939	5/16" x 18	UNC
20940 <b>IP</b>	22940	3/8" x 16	UNC
20941 <b>IP</b>	22941	7/16" x 14	UNC
20942 <b>IP</b>	22942	1/2" x 13	UNC
20943 <b>IP</b>		9/16" x 12	UNC
20944 <b>IP</b>	22944	5/8" x 11	UNC
20945 <b>IP</b>		11/16" x 11	NC
20946 <b>IP</b>		3/4" x 10	UNC
20947 <b>IP</b>		7/8" x 9	UNC
20948 <b>IP</b>		1" x 8	UNC
20957 <b>IP</b>		#4 x 48	UNF

BULK CAT#	CARDED CAT#	SIZE	DESCRIPTION
20958 <b>IP</b>		#5 x 44	UNF
20959 <b>IP</b>		#6 x 40	UNF
20960 <b>IP</b>		#8 x 36	UNF
20961 <b>IP</b>		#10 x 32	UNF
20962 <b>IP</b>		#12 x 28	UNF
20963 <b>IP</b>		1/4" x 28	UNF
20964 <b>IP</b>		5/16" x 24	UNF
20965 <b>IP</b>		3/8" x 24	UNF
20966 <b>IP</b>		7/16" x 20	UNF
20967 <b>IP</b>		1/2" x 20	UNF
20968 <b>IP</b>		9/16" x 18	UNF
20969 <b>IP</b>		5/8" x 18	UNF
20970 <b>IP</b>		11/16" x 16	NF
20971 <b>IP</b>		3/4" x 16	UNF
20972 <b>IP</b>		7/8" x 14	UNF
20973 <b>IP</b>		1" x 12	UNF
20974 <b>IP</b>		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.)
23141	21141	1/16"
23142	21142	1/8"
23143	21143	1/4"
23144	21144	3/8"

CARDED CAT#	BULK CAT#	SIZE (IN.)
23145	21145	1/2"
23146	21146	3/4"
23147	21147	1"

### 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**

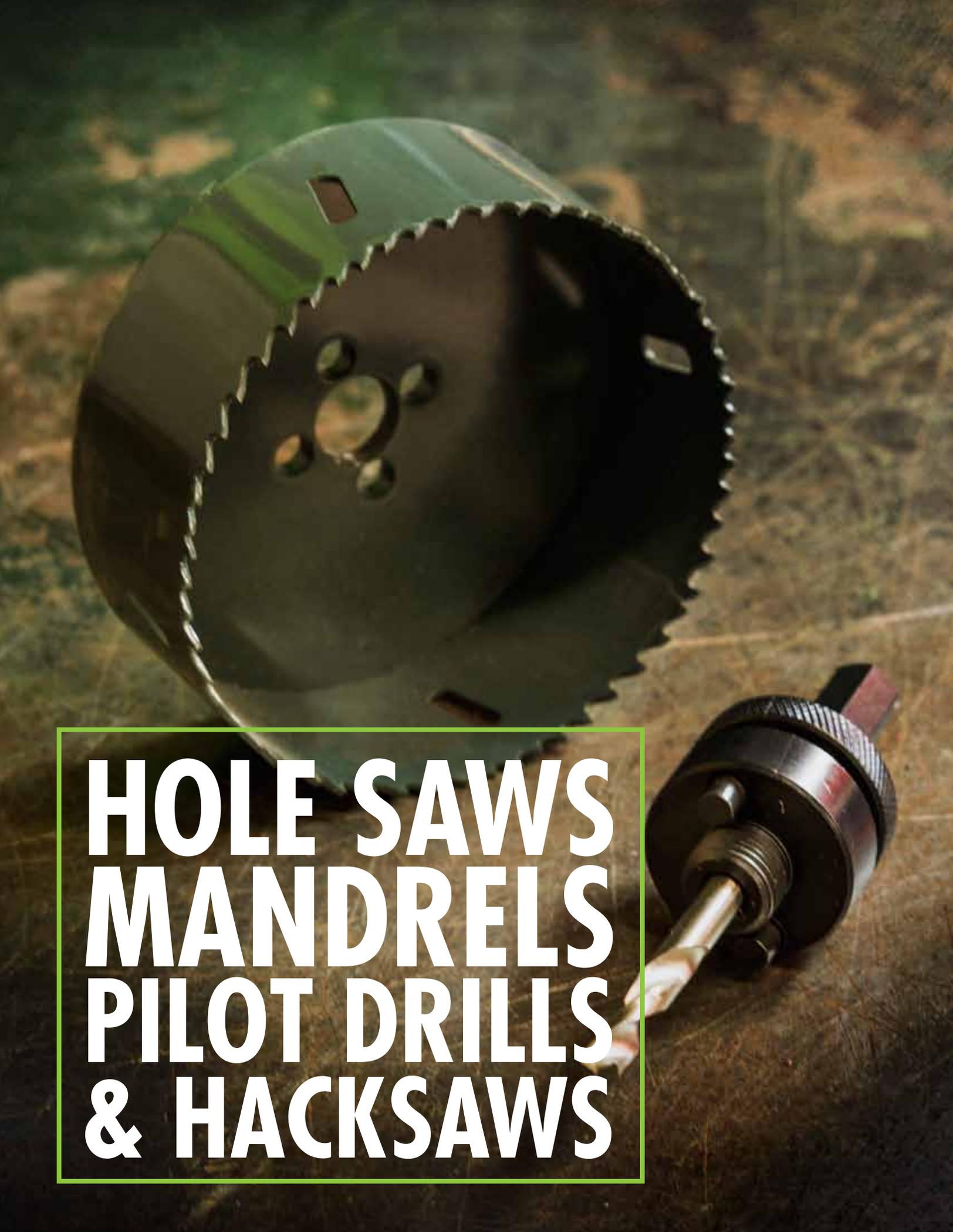
Industrial Pro® Tap Magic™ 1 gallon (3.79 L) cutting and cooling fluid. Great for all cutting, regardless of what you cut or how you cut it. Completely biodegradable and ecologically safe.

**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 surface.

# 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	

# CAT# INDEX

10625	90	20062	68	20219	74	20281	77	20326	77	20471	75
10626	90	20063	68	20233	77	20282	77	20327	77	20472	75
20003	84	20064	68	20234	77	20283	77	20328	77	20473	75
20011	69	20065	68	20235	77	20284	77	20329	77	20474	75
20012	69	20066	68	20236	77	20285	77	20330	77	20476	75
20013	67	20067	68	20237	77	20286	77	20331	77	20481	76
20015	74	20068	68	20238	77	20287	77	20332	77	20482	76
20016	74	20069	68	20239	77	20288	77	20333	77	20483	76
20018	78	20070	68	20240	77	20289	77	20334	77	20484	76
20019	75	20071	68	20241	77	20290	77	20335	77	20485	76
20020	78	20164	69	20242	77	20291	77	20336	77	20486	76
20021	76	20166	69	20243	77	20292	77	20337	77	20487	76
20022	71	20170	69	20244	77	20293	77	20338	77	20488	76
20023	70	20187	73	20245	77	20294	77	20339	77	20489	76
20024	70	20188	73	20246	77	20295	77	20340	77	20490	76
20025	86	20189	73	20247	77	20296	77	20341	77	20491	76
20026	81	20190	73	20248	77	20297	77	20342	77	20492	76
20027	80	20191	73	20249	77	20298	77	20343	77	20493	76
20028	79	20192	73	20250	77	20299	77	20344	78	20494	76
20029	82	20193	73	20251	77	20300	77	20345	78	20495	76
20031	82	20194	73	20252	77	20301	77	20446	75	20496	76
20033	90	20195	73	20253	77	20302	77	20447	75	20497	76
20039	68	20196	73	20254	77	20303	77	20448	75	20498	76
20040	68	20197	73	20255	77	20304	77	20449	75	20500	76
20041	68	20198	73	20256	77	20305	77	20450	75	20501	76
20042	68	20199	73	20257	77	20306	77	20451	75	20502	76
20043	68	20200	73	20258	77	20307	77	20452	75	20504	76
20044	68	20201	73	20259	67	20308	77	20453	75	20505	76
20045	68	20202	73	20264	77	20309	77	20454	75	20506	76
20046	68	20203	73	20265	77	20310	77	20455	75	20507	76
20047	68	20204	73	20266	77	20311	77	20456	75	20508	76
20048	68	20205	73	20267	77	20312	77	20457	75	20509	76
20049	68	20206	73	20268	77	20313	77	20458	75	20510	76
20050	68	20207	73	20269	77	20314	77	20459	75	20511	76
20051	68	20208	73	20270	77	20315	77	20460	75	20512	76
20052	68	20209	73	20271	77	20316	77	20461	75	20513	76
20053	68	20210	73	20272	77	20317	77	20462	75	20518	75
20054	68	20211	73	20273	77	20318	77	20463	75	20522	75
20055	68	20212	73	20274	77	20319	77	20464	75	20526	75
20056	68	20213	73	20275	77	20320	77	20465	75	20530	75
20057	68	20214	73	20276	77	20321	77	20466	75	20532	75
20058	68	20215	73	20277	77	20322	77	20467	75	20536	75
20059	68	20216	74	20278	77	20323	77	20468	75	20537	75
20060	68	20217	74	20279	77	20324	77	20469	75	20539	75
20061	68	20218	74	20280	77	20325	77	20470	75	20541	75

20543 <b>75</b>	20660 <b>70</b>	20734 <b>86</b>	20858 <b>84</b>	20934 <b>80</b>	20998 <b>79</b>
20544 <b>75</b>	20661 <b>70</b>	20735 <b>86</b>	20859 <b>84</b>	20935 <b>80</b>	21007 <b>79</b>
20545 <b>75</b>	20662 <b>70</b>	20736 <b>86</b>	20860 <b>71</b>	20936 <b>80</b>	21008 <b>79</b>
20554 <b>73</b>	20663 <b>70</b>	20737 <b>86</b>	20861 <b>71</b>	20937 <b>80</b>	21009 <b>79</b>
20555 <b>73</b>	20664 <b>70</b>	20738 <b>86</b>	20862 <b>71</b>	20938 <b>80</b>	21010 <b>79</b>
20558 <b>73</b>	20665 <b>70</b>	20740 <b>86</b>	20863 <b>71</b>	20939 <b>80</b>	21011 <b>79</b>
20560 <b>73</b>	20666 <b>70</b>	20742 <b>86</b>	20864 <b>71</b>	20940 <b>80</b>	21012 <b>79</b>
20561 <b>72</b>	20668 <b>70</b>	20744 <b>86</b>	20865 <b>71</b>	20941 <b>80</b>	21013 <b>79</b>
20562 <b>72</b>	20669 <b>70</b>	20745 <b>86</b>	20866 <b>71</b>	20942 <b>80</b>	21014 <b>79</b>
20563 <b>72</b>	20670 <b>70</b>	20746 <b>86</b>	20867 <b>71</b>	20943 <b>80</b>	21015 <b>79</b>
20564 <b>72</b>	20672 <b>70</b>	20748 <b>86</b>	20868 <b>71</b>	20944 <b>80</b>	21016 <b>79</b>
20565 <b>72</b>	20673 <b>70</b>	20749 <b>86</b>	20872 <b>71</b>	20945 <b>80</b>	21017 <b>79</b>
20566 <b>72</b>	20674 <b>70</b>	20750 <b>86</b>	20882 <b>81</b>	20946 <b>80</b>	21018 <b>79</b>
20567 <b>72</b>	20676 <b>70</b>	20752 <b>86</b>	20883 <b>81</b>	20947 <b>80</b>	21019 <b>79</b>
20568 <b>72</b>	20680 <b>70</b>	20753 <b>87</b>	20884 <b>81</b>	20948 <b>80</b>	21020 <b>79</b>
20569 <b>72</b>	20681 <b>70</b>	20755 <b>87</b>	20885 <b>81</b>	20957 <b>80</b>	21021 <b>79</b>
20570 <b>72</b>	20682 <b>70</b>	20756 <b>87</b>	20886 <b>81</b>	20958 <b>80</b>	21022 <b>79</b>
20571 <b>72</b>	20683 <b>70</b>	20757 <b>87</b>	20887 <b>81</b>	20959 <b>80</b>	21023 <b>79</b>
20572 <b>72</b>	20684 <b>70</b>	20758 <b>87</b>	20888 <b>81</b>	20960 <b>80</b>	21024 <b>79</b>
20573 <b>72</b>	20685 <b>70</b>	20759 <b>87</b>	20889 <b>81</b>	20961 <b>80</b>	21029 <b>82</b>
20574 <b>72</b>	20686 <b>70</b>	20761 <b>87</b>	20890 <b>81</b>	20962 <b>80</b>	21030 <b>82</b>
20579 <b>72</b>	20688 <b>70</b>	20762 <b>87</b>	20891 <b>81</b>	20963 <b>80</b>	21031 <b>82</b>
20580 <b>72</b>	20690 <b>70</b>	20763 <b>87</b>	20892 <b>81</b>	20964 <b>80</b>	21032 <b>82</b>
20581 <b>72</b>	20692 <b>70</b>	20764 <b>88</b>	20893 <b>81</b>	20965 <b>80</b>	21033 <b>82</b>
20582 <b>72</b>	20694 <b>70</b>	20765 <b>88</b>	20894 <b>81</b>	20966 <b>80</b>	21034 <b>82</b>
20583 <b>72</b>	20695 <b>70</b>	20786 <b>66</b>	20895 <b>81</b>	20967 <b>80</b>	21035 <b>82</b>
20585 <b>72</b>	20702 <b>86</b>	20790 <b>66</b>	20896 <b>81</b>	20968 <b>80</b>	21141 <b>82</b>
20587 <b>72</b>	20703 <b>86</b>	20794 <b>66</b>	20897 <b>81</b>	20969 <b>80</b>	21142 <b>82</b>
20588 <b>72</b>	20704 <b>86</b>	20798 <b>66</b>	20898 <b>81</b>	20970 <b>80</b>	21143 <b>82</b>
20589 <b>72</b>	20705 <b>86</b>	20800 <b>66</b>	20907 <b>81</b>	20971 <b>80</b>	21144 <b>82</b>
20591 <b>72</b>	20707 <b>86</b>	20816 <b>67</b>	20908 <b>81</b>	20972 <b>80</b>	21145 <b>82</b>
20593 <b>72</b>	20708 <b>86</b>	20817 <b>67</b>	20909 <b>81</b>	20973 <b>80</b>	21146 <b>82</b>
20595 <b>72</b>	20709 <b>86</b>	20819 <b>67</b>	20910 <b>81</b>	20974 <b>80</b>	21147 <b>82</b>
20597 <b>72</b>	20710 <b>86</b>	20821 <b>67</b>	20911 <b>81</b>	20982 <b>79</b>	21151 <b>83</b>
20599 <b>72</b>	20712 <b>86</b>	20823 <b>67</b>	20912 <b>81</b>	20983 <b>79</b>	21152 <b>83</b>
20603 <b>72</b>	20714 <b>86</b>	20824 <b>67</b>	20913 <b>81</b>	20984 <b>79</b>	21153 <b>83</b>
20607 <b>72</b>	20716 <b>86</b>	20826 <b>67</b>	20914 <b>81</b>	20985 <b>79</b>	21154 <b>83</b>
20608 <b>94</b>	20718 <b>86</b>	20827 <b>67</b>	20915 <b>81</b>	20986 <b>79</b>	21155 <b>83</b>
20610 <b>94</b>	20720 <b>86</b>	20828 <b>67</b>	20916 <b>81</b>	20987 <b>79</b>	21156 <b>83</b>
20611 <b>94</b>	20722 <b>86</b>	20829 <b>67</b>	20917 <b>81</b>	20988 <b>79</b>	21157 <b>83</b>
20613 <b>94</b>	20724 <b>86</b>	20831 <b>67</b>	20918 <b>81</b>	20989 <b>79</b>	21158 <b>83</b>
20614 <b>94</b>	20725 <b>86</b>	20832 <b>67</b>	20919 <b>81</b>	20990 <b>79</b>	21159 <b>83</b>
20615 <b>94</b>	20726 <b>86</b>	20836 <b>67</b>	20920 <b>81</b>	20991 <b>79</b>	21160 <b>83</b>
20617 <b>94</b>	20727 <b>86</b>	20841 <b>67</b>	20921 <b>81</b>	20992 <b>79</b>	21161 <b>83</b>
20619 <b>94</b>	20728 <b>86</b>	20843 <b>67</b>	20922 <b>81</b>	20993 <b>79</b>	21162 <b>83</b>
20620 <b>94</b>	20730 <b>86</b>	20844 <b>67</b>	20923 <b>81</b>	20994 <b>79</b>	21163 <b>83</b>
20657 <b>70</b>	20731 <b>86</b>	20852 <b>67</b>	20924 <b>81</b>	20995 <b>79</b>	21164 <b>83</b>
20658 <b>70</b>	20732 <b>86</b>	20856 <b>84</b>	20932 <b>80</b>	20996 <b>79</b>	21165 <b>83</b>
20659 <b>70</b>	20733 <b>86</b>	20857 <b>84</b>	20933 <b>80</b>	20997 <b>79</b>	21166 <b>83</b>

21167	83	22028	79	23033	82	60055	33	60207	47
21172	83	22029	82	23034	82	60065	31	60208	47
21173	83	22031	82	23035	82	60066	31	60209	37
21174	83	22518	75	23142	82	60067	31	60211	37
21175	83	22522	75	23143	82	60068	31	60212	37
21176	83	22526	75	23144	82	60069	31	60213	38
21177	83	22530	75	23145	82	60070	31	60214	35
21178	83	22532	75	23146	82	60071	31	60215	35
21179	83	22536	75	23153	83	60072	31	60216	31
21180	83	22537	75	23154	83	60073	31	60217	36
21181	83	22539	75	23155	83	60074	31	60218	36
21182	83	22541	75	23156	83	60075	31	60219	36
21183	83	22857	84	23157	83	60076	31	60220	36
21184	83	22860	71	23158	83	60119	30	60221	34
21185	83	22861	71	23159	83	60120	30	60222	35
21186	83	22862	71	23160	83	60121	30	60223	35
21187	83	22863	71	23161	83	60122	30	60224	31
21188	83	22864	71	23162	83	60123	30	60225	39
21189	83	22865	71	23163	83	60124	30	60226	39
21253	83	22866	71	60001	58	60125	30	60227	39
21255	83	22886	81	60002	58	60126	30	60228	35
21256	83	22888	81	60003	58	60127	30	60230	35
21277	89	22889	81	60004	57	60135	30	60231	38
21278	89	22890	81	60005	57	60136	30	60232	38
21279	89	22891	81	60006	57	60137	30	60233	38
21280	89	22892	81	60013	53	60138	30	60234	37
21311	72	22894	81	60014	53	60139	30	60235	37
21312	72	22938	80	60015	53	60140	30	60236	39
21401	67	22939	80	60016	53	60180	26	60237	32
21406	66	22940	80	60017	53	60181	26	60238	34
21407	66	22941	80	60020	63	60182	26	60239	39
21408	66	22942	80	60024	34	60183	26	60240	38
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21414	66	22984	79	60026	33	60185	26	60242	38
21415	66	22985	79	60027	33	60186	26	60243	48
21416	66	22986	79	60028	33	60187	26	60244	36
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21432	66	22992	79	60034	33	60193	32	60250	35
21433	66	22993	79	60035	33	60194	32	60251	38
21434	66	22994	79	60036	33	60201	47	60252	38
21447	66	22996	79	60050	33	60202	47	60253	47
22021	76	23029	82	60051	33	60203	47	60254	31
22022	71	23030	82	60052	33	60204	47	60255	32
22026	81	23031	82	60053	33	60205	47	60256	32
22027	80	23032	82	60054	33	60206	47	60259	32

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60261	37	71566	24	71694	26	71844	10	71918	92
60262	37	71568	24	71695	26	71845	10	71919	92
60263	37	71637	44	71696	26	71846	10	71920	27
60264	39	71638	44	71697	26	71847	10	71921	27
60265	39	71639	44	71722	42	71848	11	71922	27
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60271	41	71642	44	71726	92	71850	10	71927	28
70468	63	71643	44	71727	92	71851	14	71928	28
70469	61	71644	44	71728	92	71852	14	71929	28
70470	61	71645	44	71743	41	71854	10	71930	27
70471	61	71647	44	71745	41	71855	10	71931	27
70472	61	71648	44	71746	41	71856	10	71932	27
70473	61	71649	44	71748	41	71857	10	71933	27
70474	61	71650	44	71772	10	71860	10	71935	28
70475	62	71652	45	71774	10	71864	10	71936	28
70476	62	71653	45	71775	10	71865	10	71938	28
70483	62	71654	45	71779	14	71866	10	71939	28
70484	61	71655	45	71781	11	71872	11	71952	42
70485	61	71656	45	71782	11	71874	11	71954	42
70487	61	71657	45	71783	11	71875	19	71978	42
70488	59	71659	45	71786	11	71876	19	71979	42
70489	59	71660	45	71788	11	71877	19	71981	42
70490	59	71661	45	71791	10	71878	19	71983	42
70491	59	71662	45	71793	11	71879	19	71985	27
70503	59	71663	45	71797	10	71882	19	71986	27
70504	59	71664	45	71798	12	71883	19	71987	27
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70508	62	71668	45	71801	11	71888	20	71992	27
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70511	60	71670	45	71803	92	71890	20	72040	48
70512	60	71671	45	71804	92	71892	10	72111	48
70516	59	71673	45	71805	92	71893	14	72234	50
70518	60	71674	45	71806	92	71894	14	72235	50
70519	60	71675	45	71807	11	71895	14	72236	50
70520	60	71676	45	71814	11	71896	20	72240	46
70521	60	71677	45	71815	10	71897	20	72247	64
70522	60	71678	45	71818	19	71898	20	72251	53
70523	60	71682	26	71819	19	71899	20	72252	53
71510	23	71683	26	71825	19	71900	96	72253	53
71556	24	71685	26	71826	20	71902	42	72254	53
71557	24	71686	26	71827	19	71909	41	72255	53
71558	24	71687	26	71833	19	71910	41	72257	53
71560	24	71688	26	71834	20	71911	41	72263	64
71561	24	71689	26	71836	19	71912	41	72265	58
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71563	24	71691	26	71841	10	71915	41	72267	58
71564	24	71692	26	71842	10	71916	41	72268	57

72269	57	72412	33	72725	53	72796	57
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72296	19	72415	33	72728	53	72808	53
72299	19	72416	33	72729	57	72834	52
72300	19	72417	33	72730	57	72835	52
72302	46	72435	46	72731	57	72837	50
72306	19	72442	15	72732	57	72838	50
72307	19	72445	15	72733	53	72840	52
72308	19	72446	15	72734	53	72841	52
72309	19	72447	15	72735	53	72845	52
72310	19	72448	15	72736	53	72846	52
72314	14	72451	15	72737	58	72849	52
72316	19	72452	15	72738	58	72851	52
72318	10	72453	15	72739	53	72855	54
72321	46	72454	15	72740	53	72856	54
72322	46	72457	34	72741	50	72860	54
72323	46	72461	33	72742	50	72865	56
72324	21	72462	33	72743	50	72866	56
72351	10	72463	33	72744	50	72868	56
72352	10	72464	33	72745	50	72869	56
72353	14	72465	33	72746	50	72871	56
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72356	10	72468	33	72749	52	72880	56
72357	14	72469	33	72750	51	72881	56
72358	14	72470	33	72751	51	72882	56
72360	14	72471	33	72752	51	72885	54
72374	21	72472	33	72753	56	72887	54
72375	21	72482	32	72754	54	72890	55
72379	10	72485	31	72755	54	72891	55
72385	39	72486	31	72756	56	72892	55
72386	12	72487	31	72757	56	72895	51
72390	18	72488	31	72758	52	72896	51
72391	97	72489	31	72759	52	72897	51
72395	18	72490	31	72760	52	72999	90
72396	18	72491	31	72761	51	72005	89
72397	18	72492	31	72762	51	72006	89
72398	18	72493	31	72780	54	72007	89
72400	18	72494	31	72782	56	73000	89
72401	18	72495	31	72784	52	73148	46
72402	18	72496	31	72788	50		
72403	18	72691	64	72789	64		
72404	18	72718	64	72790	53		
72405	18	72719	64	72791	53		
72406	18	72721	64	72792	53		
72407	18	72722	64	72793	53		
72408	18	72723	64	72794	64		
72409	34	72724	64	72795	57		

# Forney ABRASIVE CENTER

WHAT IS YOUR JOB?	DETERMINE TOOL & WHEEL SIZE	OTHER GRINDING & CLEANING PRODUCTS
<b>CUTTING</b> Cut through DRILL	<b>BE GRINDER</b> 1/2" HP, 1/2" x 7/8" x 1/2" 1/2" HP, 1/2" x 7/8" x 1/2" 1/2" HP, 1/2" x 7/8" x 1/2"	<b>FLAP DISCS</b> High Speed Abrasive High Speed Abrasive High Speed Abrasive High Speed Abrasive
<b>GRINDING</b> Grind DRILL	<b>CIRCULAR SAW</b> 1/2" HP, 1/2" x 7/8" x 1/2" 1/2" HP, 1/2" x 7/8" x 1/2" 1/2" HP, 1/2" x 7/8" x 1/2"	<b>WIRE WHEELS &amp; CUP BRUSHES</b> High Speed Abrasive High Speed Abrasive High Speed Abrasive High Speed Abrasive

It is the user's responsibility to comply with the OSHA and ANSI OSHA Safety Regulations



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To be a value added, service oriented, primary distributor providing tailored solutions.

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gotta do is  
ask.**



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Fit to Your Needs



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24/7, 365



**ALL BUSINESS IS LOCAL**  
Personalized Support



**CATEGORY OPTIMIZATION**  
Elevated Results



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Service you Expect



**IN-STORE SERVICE**  
Hands-On & Dedicated

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