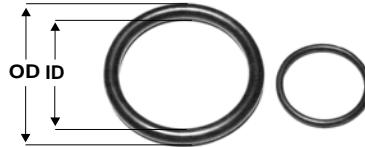




BUNA "N" O-RING ASSORTMENT





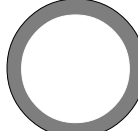





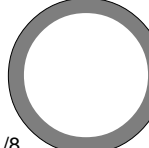
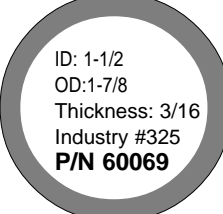



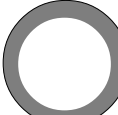





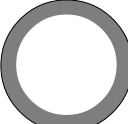

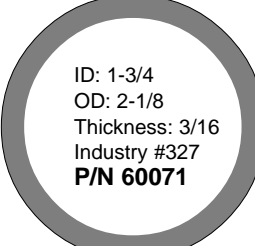
P/N 7743



FEATURES:

- Buna "N" O-Rings withstand temperatures of -40 to +300
- Resists-Gasoline, Motor Oil, Transmission Oil, Water, Mild Acids, Mild Alkalis, Anti-Freeze
- Use In-Drain Plug Gaskets, Fuel Lines, Engine Seals, Carburetors, Garden Power Equipment

370

 ID:1/8 OD:1/4 Thickness:1/16 Industry #006 P/N 60001	 ID:1/4 OD:3/8 Thickness:1/16 Industry#010 P/N 60005	 ID: 7/16 OD: 5/8 Thickness: 3/32 Industry #111 P/N 60027	 ID: 11/16 OD: 7/8 Thickness: 3/32 Industry #115 P/N 60031	 ID: 7/8 OD: 1-1/8 Thickness: 1/8 Industry #212 P/N 60051	 ID: 1-1/2 OD: 1-3/4 Thickness:1/8 Industry #222 P/N 60061
 ID:5/32 OD:9/32 Thickness:1/16 Industry#007 P/N 60002	 ID:5/16 OD:7/16 Thickness:1/16 Industry#011 P/N 60006	 ID: 1/2 OD:11/16 Thickness: 3/32 Industry #112 P/N 60028	 ID: 3/4 OD: 15/16 Thickness: 3/32 Industry #116 P/N 60032	 ID: 1" OD: 1-1/4 Thickness: 1/8 Industry #214 P/N 60053	 ID: 1-1/2 OD:1-7/8 Thickness: 3/16 Industry #325 P/N 60069
 ID:3/16 OD:5/16 Thickness:1/16 Industry#008 P/N 60003	 ID:3/8 OD:1/2 Thickness:1/16 Industry#012 P/N 60007	 ID: 9/16 OD: 3/4 Thickness: 3/32 Industry #113 P/N 60029	 ID: 3/4 OD: 1" Thickness: 1/8 Industry #210 P/N 60049	 ID:1-1/4" OD:1-1/2 Thickness:1/8 Industry#218 P/N 60057	 ID: 1-5/8 OD: 2" Thickness: 3/16 Industry #326 P/N 60070
 ID:7/32 OD:11/32 Thickness:1/16 Industry#009 P/N 60004	 ID:3/8 OD:9/16 Thickness:3/32 Industry#110 P/N 60026	 ID: 5/8 OD: 13/16 Thickness: 3/32 Industry #114 P/N 60030	 ID: 13/16 OD: 1-1/16 Thickness: 1/8 Industry #211 P/N 60050	 ID: 1-3/8 OD: 1-5/8 Thickness: 1/8 Industry #220 P/N 60059	 ID: 1-3/4 OD: 2-1/8 Thickness: 3/16 Industry #327 P/N 60071

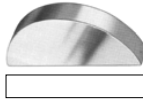
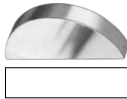
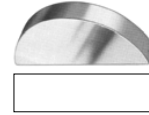
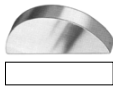
A27-1

TRAY FRONT

FEATURES:

- Machined from 1035 steel

449

 3/32 x 1/2 P/N 60144	 1/8 x 3/4 P/N 60148	 3/16 x 5/8 P/N 60152	 3/16 x 1-1/8 P/N 60156	 1/4 x 1 P/N 60160	 5/16 x 1-1/8 P/N 60164
 3/32 x 5/8 P/N 60145	 5/32 x 5/8 P/N 60149	 3/16 x 3/4 P/N 60153	 3/16 x 1-1/4 P/N 60157	 1/4 x 1-1/8 P/N 60161	 5/16 x 1-1/4 P/N 60165
 1/8 x 1/2 P/N 60146	 5/32 x 3/4 P/N 60150	 3/16 x 7/8 P/N 60154	 1/4 x 3/4 P/N 60158	 1/4 x 1-1/4 P/N 60162	 3/8 x 1 P/N 60166
 1/8 x 5/8 P/N 60147	 5/32 x 7/8 P/N 60151	 3/16 x 1 P/N 60155	 1/4 x 7/8 P/N 60159	 5/16 x 1 P/N 60163	 3/8 x 1-1/4 P/N 60167

A27-2

TRAY FRONT



CIC 200™ RAPID CUT FILE ASSORTMENT

FEATURES

- Uniform in cut, permitting the removal of more metal, faster and easier
- Designed for greater performance and longer life

P/N 7798

25

8" MILL BASTARD
P/N 15500



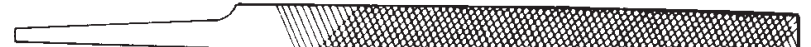
10" MILL BASTARD
P/N 15504



8" FLAT BASTARD
P/N 15508



10" FLAT BASTARD
P/N 15512



8" HALF ROUND
P/N 15528



10" HALF ROUND
P/N 15532



8" SQUARE BASTARD
P/N 15540



6" ROUND BASTARD
P/N 15516



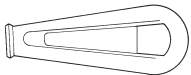
8" ROUND BASTARD
P/N 15520



10" ROUND BASTARD
P/N 15524



PLASTIC FILE HANDLE
P/N 15559



6" SLIM TAPER SAW
P/N 15536



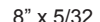
8" x 7/32
CHAIN SAW FILE
P/N 15544



8" x 3/16
CHAIN SAW FILE
P/N 15548



8" x 5/32
CHAIN SAW FILE
P/N 15552








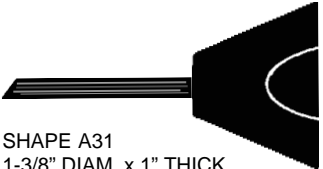









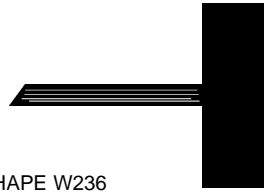
A27-3

TRAY FRONT

FEATURES:

- For high-speed air and electric grinders
- Ideal for grinding dies, castings, weld seams and other general metal removal applications
- Manufactured with aluminum oxide grain and vitrified bond

20

 <p>SHAPE A1 3/4" DIAM. x 2-1/2" THICK P/N 33840</p>	 <p>SHAPE A11 7/8" DIAM. x 2" THICK P/N 33841</p>	 <p>SHAPE A13 1-1/8" DIAM. x 1-1/8" THICK P/N 33842</p>	 <p>SHAPE A21 1" DIAM. x 1" THICK P/N 33843</p>
 <p>SHAPE A23 3/4" DIAM. x 1" THICK P/N 33844</p>	 <p>SHAPE A31 1-3/8" DIAM. x 1" THICK P/N 33845</p>	 <p>SHAPE A37 1-1/4" DIAM. x 1/4" THICK P/N 33846</p>	 <p>SHAPE A38 1" DIAM. x 1" THICK P/N 33847</p>
 <p>SHAPE B52 3/8" DIAM. x 3/4" THICK P/N 33848</p>	 <p>SHAPE B62 1/2" DIAM. x 3/8" THICK P/N 33849</p>	 <p>SHAPE B91 1/2" DIAM. x 5/8" THICK P/N 33850</p>	 <p>SHAPE B111 7/16" DIAM. x 11/16" THICK P/N 33851</p>
 <p>SHAPE W215 1" DIAM. x 3/16" THICK P/N 33852</p>	 <p>SHAPE W220 1" DIAM. x 1" THICK P/N 33853</p>	 <p>SHAPE W222 1" DIAM. x 2" THICK P/N 33854</p>	 <p>SHAPE W236 1-1/2" DIAM. x 1/2" THICK P/N 33855</p>

A27-5



CIC 200™ MOUNTED POINTS 1/8" SHANK


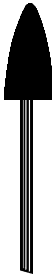
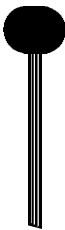
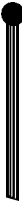

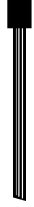

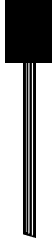

ASSORTMENT

P/N 17707

FEATURES:

- For high-speed air and electric grinders
- Ideal for grinding dies, castings, weld seams and other general metal removal applications
- Manufactured with aluminum oxide grain and vitrified bond

22

 <p>SHAPE B44 7/32" DIAM. x 3/8" THICK MAX. RPM 68,400 P/N 33825</p>	 <p>SHAPE B52 3/8" DIAM. x 3/4" THICK MAX. RPM 45,370 P/N 33826</p>	 <p>SHAPE B62 1/2" DIAM. x 3/8" THICK MAX. RPM 41,020 P/N 33827</p>	 <p>SHAPE B123 3/16" DIAM. x 3/16" THICK MAX. RPM 104,250 P/N 33828</p>	 <p>SHAPE W144 1/8" DIAM. x 1/4" THICK MAX. RPM 105,000 P/N 33829</p>	 <p>SHAPE W152 3/16" DIAM. x 1/4" THICK MAX. RPM 105,000 P/N 33835</p>
 <p>SHAPE W162 1/4" DIAM. x 3/8" THICK MAX. RPM 68,400 P/N 33836</p>	 <p>SHAPE W176 3/8" DIAM. x 1/2" THICK MAX. RPM 45,370 P/N 33837</p>	 <p>SHAPE W200 3/4" DIAM. x 1/8" THICK MAX. RPM 50,930 P/N 33838</p>	<p>EXPANSION</p>	<p>EXPANSION</p>	<p>EXPANSION</p>

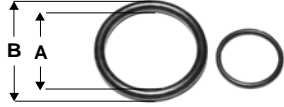
A27-6

TRAY FRONT



CIC 200™ METRIC O-RINGS ASSORTMENT

P/N 17724



FEATURES:

- Provides superior resistance to gasoline, motor oil, transmission oil, hydraulic fluids, anti-freeze, mild acids, mild alkalies and water
- Precision manufactured to exacting specifications – assuring maximum leakage protection
- Temperature range: -65°F to 300°F (-54°C to 149°C)
- Ideal for use in engines, equipment, fuel systems, carburetors, drain lines, etc.

480

 2 x 3 x 7 P/N 60920	 2 x 7 x 11 P/N 60924	 2 x 14 x 18 P/N 60931	 2.5 x 14 x 19 P/N 60963	 3 x 19 x 25 P/N 60979	 3 x 25 x 31 P/N 60983	 3 x 32 x 38 P/N 60990	 3 x 38 x 44 P/N 60996
 2 x 4 x 8 P/N 60921	 2 x 8 x 12 P/N 60925	 2.5 x 10 x 15 P/N 60960	 2.5 x 16 x 21 P/N 60964	 3 x 20 x 26 P/N 60980	 3 x 27 x 33 P/N 60985	 3 x 33 x 39 P/N 60991	 4 x 38 x 46 P/N 61025
 2 x 5 x 9 P/N 60922	 2 x 10 x 14 P/N 60927	 2.5 x 11 x 16 P/N 60961	 2.5 x 17 x 22 P/N 60965	 3 x 22 x 28 P/N 60981	 3 x 28 x 34 P/N 60986	 3 x 35 x 41 P/N 60993	 4 x 41 x 49 P/N 61026
 2 x 6 x 10 P/N 60923	 2 x 12 x 16 P/N 60929	 2.5 x 12 x 17 P/N 60962	 2.5 x 19 x 24 P/N 60966	 3 x 24 x 30 P/N 60982	 3 x 30 x 36 P/N 60988	 3 x 36 x 42 P/N 60994	 4 x 44 x 52 P/N 61028

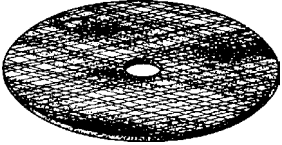
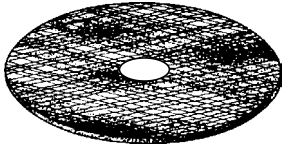
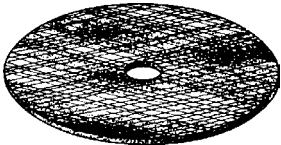
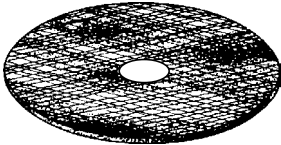
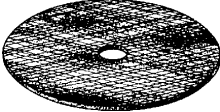
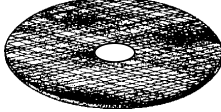
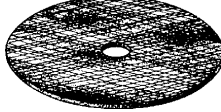

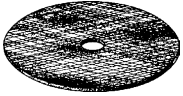
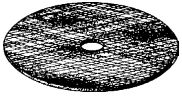
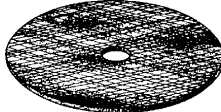
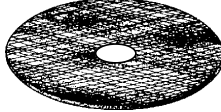
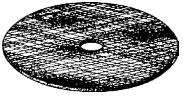
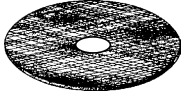
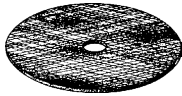
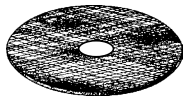



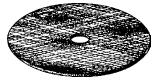
A27-7

TRAY FRONT

FEATURES:

- High speed cut-off wheels
- Wheels to 4" diameter
- Manufactured with zirconium aluminum for longer life

42

 <p>4 x 1/32 x 1/4 MAX. 21,000 RPM P/N 33882</p>	 <p>4 x 1/32 x 3/8 MAX. 21,000 RPM P/N 33884</p>	 <p>4 x 1/16 x 1/4 MAX. 15,280 RPM P/N 33886</p>	 <p>4 x 1/16 x 3/8 MAX. 15,280 RPM P/N 33888</p>
 <p>3 x 1/16 x 1/4 MAX. 20,375 RPM P/N 33872</p>	 <p>3 x 1/16 x 3/8 MAX. 20,375 RPM P/N 33874</p>	 <p>3 x 1/8 x 1/4 MAX. 20,375 RPM P/N 33876</p>	 <p>3 x 1/8 x 3/8 MAX. 20,375 RPM P/N 33878</p>
 <p>2 x 1/8 x 1/4 MAX. 30,560 RPM P/N 33864</p>	 <p>2 x 1/8 x 3/8 MAX. 30,560 RPM P/N 33866</p>	 <p>3 x 1/32 x 1/4 MAX. 24,200 RPM P/N 33868</p>	 <p>3 x 1/32 x 3/8 MAX. 24,200 RPM P/N 33870</p>
 <p>2 x 1/32 x 1/4 MAX. 30,600 RPM P/N 33861</p>	 <p>2 x 1/32 x 3/8 MAX. 30,600 RPM P/N 33863</p>	 <p>2 x 1/16 x 1/4 MAX. 30,560 RPM P/N 33860</p>	 <p>2 x 1/16 x 3/8 MAX. 30,560 RPM P/N 33862</p>
 <p>"FLUSH" TYPE MANDREL SET 1/4" and 3/8" SHANK P/N 33955</p>	 <p>"NUT" TYPE MANDREL NUT 1/32" - 3/8" P/N 33950</p>	 <p>1 x 1/32 x 1/4 MAX. 61,100 RPM P/N 33856</p>	 <p>1 x 1/16 x 1/4 MAX. 61,100 RPM P/N 33858</p>

A27-8

TRAY FRONT

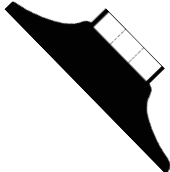
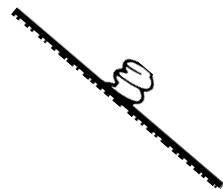
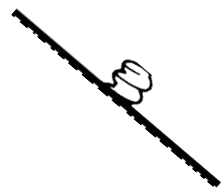
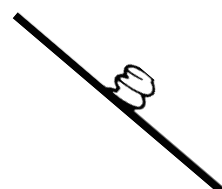
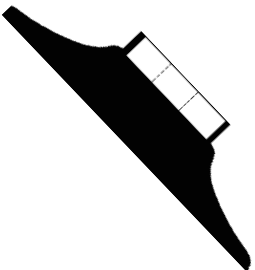
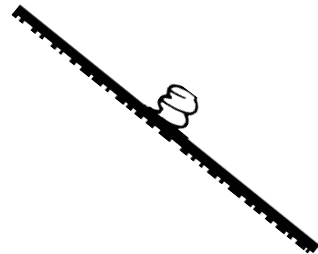
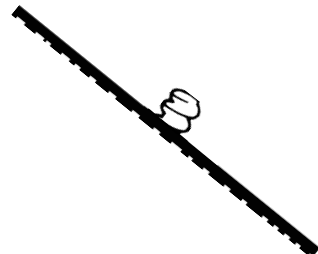
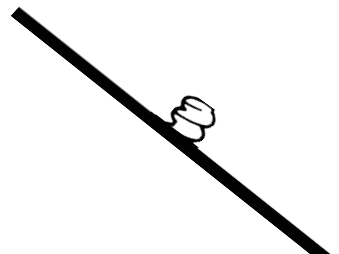
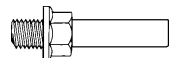


CIC 200™ QUICK-LOK™ ABRASIVE DISC ASORTMENT (2" AND 3" DIA.) P/N 17738

FEATURES:

- Fast, efficient deburring, blending, finishing and polishing on all types of metals and composites
- Just a half twist and they're securely locked in place....a half twist again and it's off
- Ideal for use with air tools and flex-shaft grinders
- Premium aluminum oxide minerals on durable resin bond and fiber backing
- Color coded disc buttons for easy grade identification: brown = 36, orange = 60, white = 120

34

 <p>2" BACK-UP PAD P/N 45638</p>	 <p>2" ALUMINUM OXIDE DISC 36 GRIT (BROWN DISC BUTTON) P/N 45655</p>	 <p>2" ALUMINUM OXIDE DISC 60 GRIT (ORANGE DISC BUTTON) P/N 45657</p>	 <p>2" ALUMINUM OXIDE DISC 120 GRIT (WHITE DISC BUTTON) P/N 45660</p>
 <p>3" BACK-UP PAD P/N 45642</p>	 <p>3" ALUMINUM OXIDE DISC 36 GRIT (BROWN DISC BUTTON) P/N 45661</p>	 <p>3" ALUMINUM OXIDE DISC 60 GRIT (ORANGE DISC BUTTON) P/N 45663</p>	 <p>3" ALUMINUM OXIDE DISC 120 GRIT (WHITE DISC BUTTON) P/N 45666</p>
 <p>1/4" THREADED SHAFT P/N 45630</p>			

A279

TRAY FRONT



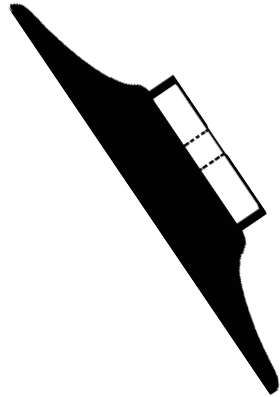
CIC 200™ QUICK-LOK™ ABRASIVE DISC ASSORTMENT (4" DIA.)

P/N 17739

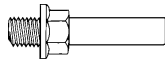
FEATURES:

- Fast, efficient deburring, blending, finishing and polishing on all types of metals and composites
- Just a half twist and they're securely locked in place...a half twist again and it's off
- Ideal for use with air tools and flex-shaft grinders
- Premium aluminum oxide minerals on durable resin bond and fibre backing
- Color coded disc buttons for easy grade identification: Brown = 36, Orange = 60, White: 120

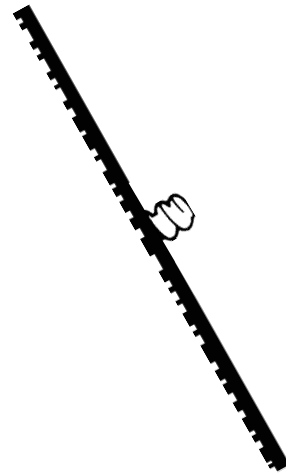
21



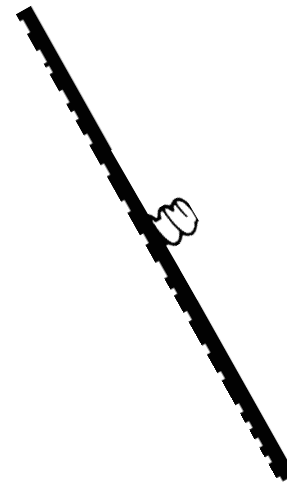
4" BACK-UP PAD
P/N 45644



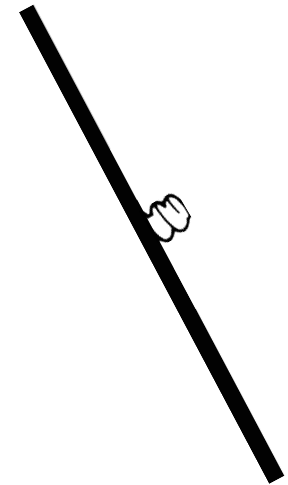
1/4" THREADED SHAFT
P/N 45630



4" ALUMINUM OXIDE DISC
36 GRIT (BROWN DISC BUTTON)
P/N 45667



4" ALUMINUM OXIDE DISC
60 GRIT (ORANGE DISC BUTTON)
P/N 45669



4" ALUMINUM OXIDE DISC
120 GRIT (WHITE DISC BUTTON)
P/N 45672

A27-10

TRAY FRONT



QUICK-LOK™ SURFACE CONDITIONING DISCS MED/COARSE (2" & 3" DIA.)

P/N 17740

FEATURES:

- Non-woven nylon, impregnated with abrasive particles, provides a bur-free surface suitable for painting or coating
- Ideal for rust, oxide and coating removal

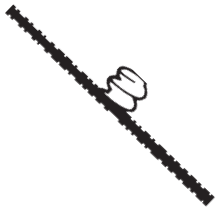


8 82503 17740 9

24



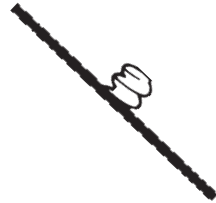
8 82503 45682 5



2" SURFACE CONDITIONING DISC
COARSE (BROWN)
P/N 45682



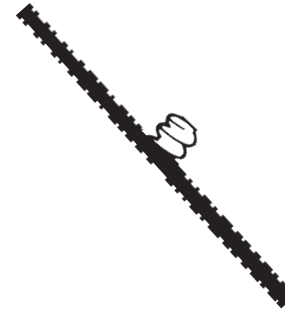
8 82503 45681 8



2" SURFACE CONDITIONING DISC
MEDIUM (MAROON)
P/N 45681



8 82503 45686 3



3" SURFACE CONDITIONING DISC
COARSE (BROWN)
P/N 45686



8 82503 45685 6

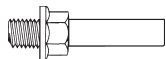


3" SURFACE CONDITIONING DISC
MEDIUM (MAROON)
P/N 45685



8 82503 45638 2

2" BACK-UP PAD
P/N 45638

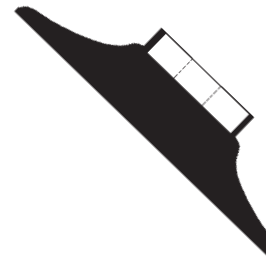


8 82503 45630 6

1/4" THREADED SHAFT
P/N 45630



8 82503 45642 9



3" BACK-UP PAD
P/N 45642

TRAY FRONT

A27-11



CIC 200™ QUICK-LOK™ SURFACE CONDITIONING PAD ASSORTMENT (4" DIA.)

P/N 17741

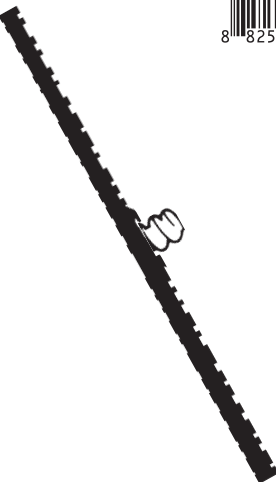

FEATURES:

- Non-woven nylon, impregnated with abrasive particles, provides a bur-free surface suitable for painting or coating
- Ideal for rust, oxide and coating removal



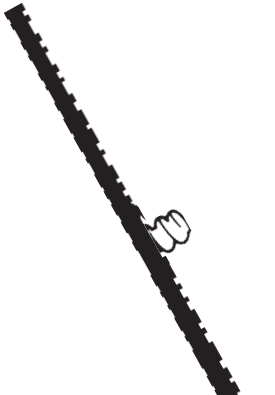

8 82503 17741 6

13

8 82503 45688 7

4" SURFACE CONDITIONING PAD
COARSE (BROWN DISC)
P/N 45688



8 82503 45688 7

4" SURFACE CONDITIONING PAD
MEDIUM (RED DISC)
P/N 45687



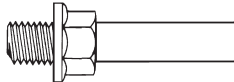


8 82503 45687 0

4" BACK-UP PAD
P/N 45644

8 82503 45687 0

4" SURFACE CONDITIONING PAD
MEDIUM (RED DISC)
P/N 45687

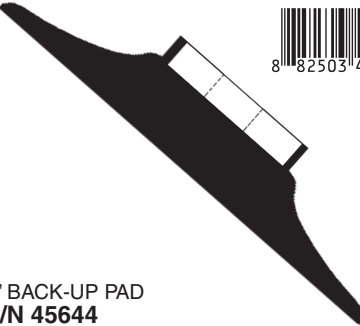

8 82503 45630 6

1/4" THREADED SHAFT
P/N 45630




8 82503 45688 7

4" SURFACE CONDITIONING PAD
COARSE (BROWN DISC)
P/N 45688

8 82503 45644 3

4" BACK-UP PAD
P/N 45644




8 82503 45687 0

4" SURFACE CONDITIONING PAD
MEDIUM (RED DISC)
P/N 45687

A27-12



CIC 200™ CHAIN LINK ASSORTMENT #35 to #80 Connecting and Offset Links

P/N 17743

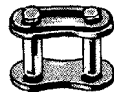
FEATURES:

- Leakproof lubrication – provides two to one longer life over conventional curled bushing roller chains, even in the most severe applications
- Cold formed, one-piece construction – for better fatigue characteristics, providing minimal initial elongation and longer life
- Uniformity of contact point between pin and bushing – increases wear resistance and decreases elongation

54



#35 CONNECTING LINK
P/N 60490



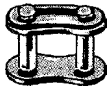
#40 CONNECTING LINK
P/N 60491



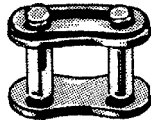
#35 OFFSET LINK
P/N 60480



#40 OFFSET LINK
P/N 60481



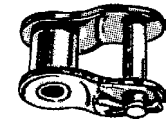
#41 CONNECTING LINK
P/N 60492



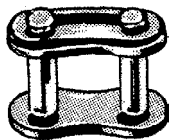
#50 CONNECTING LINK
P/N 60493



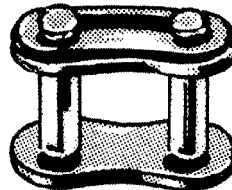
#41 OFFSET LINK
P/N 60482



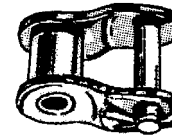
#50 OFFSET LINK
P/N 60483



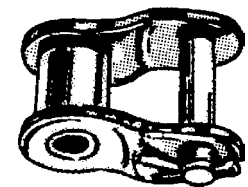
#60 CONNECTING LINK
P/N 60494



#80 CONNECTING LINK
P/N 60495



#60 OFFSET LINK
P/N 60484



#80 OFFSET LINK
P/N 60485

A27-13

TRAY FRONT
























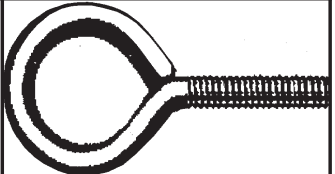
CIC 200™ SCREW EYE AND "S" HOOK ASSORTMENT

P/N 17747

FEATURES:

- Zinc plated steel eyebolts
- Rolled threads
- U.S. standard

450

 <p>1" "S" HOOK (HEAVY OPEN) P/N 1900</p>	 <p>9/16" SCREW EYE (SMALL) P/N 1164</p>	 <p>15/16" SCREW EYE (SMALL) P/N 1158</p>	 <p>1" SCREW EYE (SMALL) P/N 1161</p>	 <p>1-3/8" SCREW EYE (SMALL) P/N 1156</p>	 <p>1/4" x 3-3/4" LAG" SCREW P/N 1166</p>
 <p>1-1/2" "S" HOOK (HEAVY OPEN) P/N 1901</p>	 <p>1-1/8" "S" HOOK (LIGHT CLOSED) P/N 1993</p>	 <p>1-3/8" SCREW EYE (LARGE) P/N 1145</p>	 <p>1-13/16" SCREW EYE (MEDIUM) P/N 1149</p>	 <p>3/16" x 1-15/16" TURNED EYEBOLTS P/N 60809</p>	 <p>1/4" x 3" TURNED EYEBOLTS P/N 60884</p>
 <p>1-3/4" "S" HOOK (HEAVY OPEN) P/N 1902</p>	 <p>1-5/8" "S" HOOK (LIGHT CLOSED) P/N 1991</p>	 <p>1-15/16" SCREW EYE (LARGE) P/N 1142</p>	 <p>1-9/16" SCREW EYE (MEDIUM) P/N 1150</p>	 <p>1/4" x 2-5/8" TURNED EYEBOLTS P/N 60811</p>	 <p>1/4" x 4" TURNED EYEBOLTS P/N 60885</p>
 <p>1-1/2" "S" HOOK (LIGHT OPEN) P/N 1960</p>	 <p>1-7/8" "S" HOOK (LIGHT OPEN) P/N 1961</p>	 <p>2-7/8" SCREW EYE (LARGE) P/N 1139</p>	 <p>1-5/8" SCREW EYE (SMALL) P/N 1155</p>	 <p>1/4" x 2" TURNED EYEBOLTS P/N 60883</p>	 <p>5/16" x 3-1/4" TURNED EYEBOLTS P/N 60889</p>

A27-14

TRAY FRONT



VITON O-RING ASSORTMENT

P/N 17754



FEATURES:

- Broad temperature range -15°F to +400 °F
- Excellent chemical compatibility resists acids, silicon fluids, solvents and oils
- Low compression set
- Brown in color for easy identification

335

 ID: 1/8 OD: 1/4 THICKNESS: 1/16 INDUSTRY #006 P/N 61041	 ID: 1/4 OD: 3/8 THICKNESS: 1/16 INDUSTRY #010 P/N 61045	 ID: 7/16 OD: 5/8 THICKNESS: 3/32 INDUSTRY #111 P/N 61062	 ID: 11/16 OD: 7/8 THICKNESS: 3/32 INDUSTRY #115 P/N 61066	 ID: 7/8 OD: 1-1/8 THICKNESS: 1/8 INDUSTRY #212 P/N 61081	 ID: 1-1/2 OD: 1-3/4 THICKNESS: 1/8 INDUSTRY #222 P/N 61091
 ID: 5/32 OD: 9/32 THICKNESS: 1/16 INDUSTRY #007 P/N 61042	 ID: 5/16 OD: 7/16 THICKNESS: 1/16 INDUSTRY # 011 P/N 61046	 ID: 1/2 OD: 11/16 THICKNESS: 3/32 INDUSTRY #112 P/N 61063	 ID: 3/4 OD: 15/16 THICKNESS: 3/32 INDUSTRY #116 P/N 61067	 ID: 1 OD: 1-1/4 THICKNESS: 1/8 INDUSTRY #214 P/N 61083	 ID: 1-1/2 OD: 1-7/8 THICKNESS: 3/16 INDUSTRY #325 P/N 61094
 ID: 3/16 OD: 5/16 THICKNESS: 1/16 INDUSTRY #008 P/N 61043	 ID: 3/8 OD: 1/2 THICKNESS: 1/16 INDUSTRY #012 P/N 61047	 ID: 9/16 OD: 3/4 THICKNESS: 3/32 INDUSTRY #113 P/N 61064	 ID: 3/4 OD: 1 THICKNESS: 1/8 INDUSTRY #210 P/N 61079	 ID: 1-1/4 OD: 1-1/2 THICKNESS: 1/8 INDUSTRY #218 P/N 61087	 ID: 1-5/8 OD: 2 THICKNESS: 3/16 INDUSTRY #326 P/N 61095
 ID: 7/32 OD: 11/32 THICKNESS: 1/16 INDUSTRY #009 P/N 61044	 ID: 3/8 OD: 9/16 THICKNESS: 3/32 INDUSTRY #110 P/N 61061	 ID: 5/8 OD: 13/16 THICKNESS: 3/32 INDUSTRY #114 P/N 61065	 ID: 13/16 OD: 1-1/16 THICKNESS: 1/8 INDUSTRY #211 P/N 61080	 ID: 1-3/8 OD: 1-5/8 THICKNESS: 1/8 INDUSTRY #220 P/N 61089	 ID: 1-3/4 OD: 2-1/8 THICKNESS: 3/16 INDUSTRY #327 P/N 61096

AZ7-15

TRAY FRONT











CIC 200™ TRIM-KUT™ SANDING DISC ASSORTMENT

P/N 17776

FEATURES:

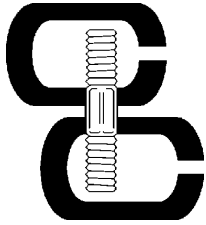
- Tough aluminum oxide grain-impregnated into durable plastic (polyamide) backing
- Extremely lightweight – for easy use with power hand tools
- Easily trimmed – exposing new cutting surface and maximizing abrasive
- Can be used all the way to the core – for ultimate consumption and value
- No tooling – simply spin-on and spin-off

34

 <p>3" x 36 GRIT P/N 33960</p>	 <p>3" x 60 GRIT P/N 33961</p>	 <p>3" x 120 GRIT P/N 33962</p>
 <p>5" x 36 GRIT P/N 33963</p>	 <p>5" x 60 GRIT P/N 33964</p>	 <p>5" x 120 GRIT P/N 33965</p>
 <p>MANDRELL WITH 1/4" SHANK P/N 33966</p>	 <p>MANDRELL WITH 5/8-11 THREAD ARBOR P/N 33967</p>	

A27-16

















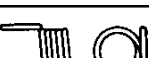




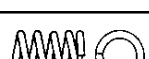
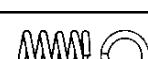
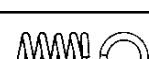
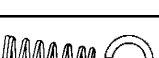
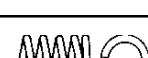
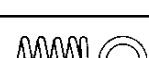
TRAY FRONT



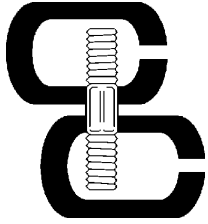
SPRING ASSORTMENT (2-DRAWER)

DRAWER #1

ASSORTMENT NO. 60400

 <p>60401 EXTENSION 3/16 x 2</p>	 <p>60408 EXTENSION 15/32 x 2-7/16</p>	 <p>60415 COMPRESSION 9/16 x 1-3/4</p>	 <p>60422 COMPRESSION 5/16 x 1-7/8</p>
 <p>60402 EXTENSION 1/4 x 2-11/32</p>	 <p>60409 EXTENSION 7/16 x 2-15/16</p>	 <p>60416 COMPRESSION 5/16 x 1-3/8</p>	 <p>60423 COMPRESSION 5/16 x 2-5/16</p>
 <p>60403 EXTENSION 1/4 x 3</p>	 <p>60410 EXTENSION 13/32 x 2-3/4</p>	 <p>60417 COMPRESSION 5/16 x 1-1/2</p>	 <p>60424 COMPRESSION 1/4 x 2</p>
 <p>60404 EXTENSION 9/32 x 2-1/2</p>	 <p>60411 BARREL COMPRESSION 5/16-9/16 x 2</p>	 <p>60418 COMPRESSION 13/64 x 2-1/4</p>	 <p>60425 COMPRESSION 7/16 x 3</p>
 <p>60405 EXTENSION 1/2 x 2-5/16</p>	 <p>60412 COMPRESSION 7/16 x 1-3/4</p>	 <p>60419 COMPRESSION 7/32 x 1-5/8</p>	 <p>60426 EXTENSION 1/2 x 3-1/2</p>
 <p>60406 EXTENSION 1/4 x 1-7/8</p>	 <p>60413 COMPRESSION 5/8 x 1-3/4</p>	 <p>60420 COMPRESSION 3/16 x 1-5/16</p>	 <p>60427 COMPRESSION 21/64 x 1-1/8</p>
 <p>60407 CONE COMPRESSION 13/32 - 11/16 x 1</p>	 <p>60414 TORSION 1/2</p>	 <p>60421 COMPRESSION 3/16 x 1-1/8</p>	 <p>60428 COMPRESSION 5/16 x 1-1/2</p>























TRAY FRONT
















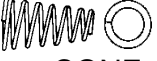



SPRING ASSORTMENT (2-DRAWER)

DRAWER #2

















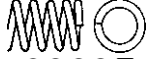






ASSORTMENT NO. 60400

 60429 COMP. 1/4 x 2	 60430 COMP. 5/16 x 1-7/16	 60431 COMP. 1/4 x 1-7/16	 60432 EXTENSION 3/4 x 1-3/4	 60433 EXTENSION 3/4 x 1-15/16	 60434 EXTENSION 3/4 x 2-3/16		
 60435 EXTENSION 3/4 x 2-5/16		 60436 EXTENSION 3/4 x 2-5/8		 60437 EXTENSION 3/4 x 2-13/16	 60438 EXTENSION 3/4 x 3		
 60439 EXTENSION 3/4 x 3-3/8			 60440 EXTENSION 5/16 x 2-1/2	 60441 EXTENSION 11/32 x 2	 60442 EXTENSION 7/32 x 1-3/4	 60443 EXTENSION 1/4 x 1-11/16	 60444 EXTENSION 7/32 x 2-3/16
 60445 EXTENSION 5/16 x 2-1/16	 60446 EXTENSION 9-16 x 3-5/8			 60447 EXTENSION 11/32 x 6-7/8			
 60448 EXTENSION 1/2 x 6-1/8				 60449 EXTENSION 13/32 x 7-1/2			
 60450 EXTENSION 9/16 x 6-5/8							















TRAY FRONT

 60201 EXTENSION 5/32 x 1-7/8	 60208 EXTENSION 15/32 x 2-7/16	 60215 TORSION 1/2 x 2-1/4	 60222 COMPRESSION 7/32 x 1-1/4
 60202 EXTENSION 1/4 x 2-1/2	 60209 EXTENSION 7/16 x 2-15/16	 60216 COMPRESSION 5/8 x 2	 60223 COMPRESSION 5/16 x 1-7/8
 60203 EXTENSION 1/4 x 2-1/4	 60210 EXTENSION 13/32 x 2-3/4	 60217 COMPRESSION 5/16 x 1-3/8	 60224 COMPRESSION 5/16 x 2-5/16
 60204 EXTENSION 5/16 x 2-11/16	 60211 EXTENSION 3/8 x 2-11/16	 60218 COMPRESSION 5/16 x 1-1/2	 60225 COMPRESSION 1/4 x 2
 60205 EXTENSION 1/2 x 2-5/16	 60212 BARREL COMPRESSION 7/16 - 11/16 x 2	 60219 COMPRESSION 13/64 x 2-1/4	 60226 COMPRESSION 7/16 x 3
 60206 EXTENSION 3/8 x 2	 60213 COMPRESSION 1/2 x 1-3/4	 60220 COMPRESSION 7/32 x 1-5/8	 60227 EXTENSION 1/2 x 3-5/8
 60207 CONE COMPRESSION 13/32 - 11/16 x 1	 60214 COMPRESSION 5/8 x 1-3/4	 60221 COMPRESSION 3/16 x 1-5/16	 60228 EXTENSION 3/4 x 2-5/16




































TRAY FRONT

 60229 EXTENSION 7/16 x 3-11/16	 60230 EXTENSION 1/2 x 3-13/16	 60231 EXTENSION 3/4 x 1-15/16	 60232 COMPRESSION 7/16 x 3-1/4	 60234 EXTENSION 3/4 x 1-3/4
 60233 COMPRESSION 21/64 x 3-5/16	 60236 EXTENSION 5/16 x 3-7/16	 60237 COMPRESSION 15/32 x 1-1/8	 60238 EXTENSION 9/32 x 6-1/2	
 60239 COMPRESSION 11/16 x 1-1/2	 60240 EXTENSION 21/32 x 5-3/8		 60241 COMPRESSION 1/2 x 2-13/16	 60242 EXTENSION 1/2 x 6
 60243 COMPRESSION 11/16 x 3	 60244 EXTENSION 5/8 x 5-7/8		 60245 COMPRESSION 3/4 x 3-3/8	 60235 COMPRESSION 15/32 x 2-3/8
 60246 EXTENSION 21/32 x 4-7/8		 60247 COMPRESSION 7/8 x 3-7/16	 60248 COMPRESSION 7/16 x 5	
 60249 COMPRESSION 31/32 x 3-3/4	 60250 COMPRESSION 15/32 x 6-3/4			 60251 EXTENSION 11/32 x 4

TRAY FRONT

 <p>60252 EXT. 7/16 x 5</p>	 <p>60254 COMP. 15/32 x 5-1/4</p>	 <p>60256 COMP. 1-1/32 x 5-3/8</p>	 <p>60258 COMP. 1-1/4 x 4-5/8</p>	 <p>60260 COMP. 11/16 x 9-1/2</p>	 <p>60261 COMP. 15/16 x 9-7/8</p>	 <p>60262 EXT. 1/2 x 9-3/4</p>	 <p>60263 EXT. 3/4 x 10-1/4</p>	 <p>60264 EXT. 3/4 x 8</p>
 <p>60253 EXT. 9/16 x 3-15/16</p>	 <p>60255 COMP. 13/16 x 3-1/4</p>	 <p>60257 COMP. 3/4 x 3</p>	 <p>60259 COMP. 1 x 3-3/4</p>					 <p>60265 COMP. 5/8 x 2-11/16</p>

TRAY FRONT

 60266 EXTENSION 3/8 x 2-3/16	 60272 COMPRESSION 1/4 x 1-7/8	 60278 EXTENSION 5/16 x 1-11/16	 60284 COMPRESSION 7/16 x 1-7/16	 60290 COMPRESSION 5/16 x 1-1/2	 60296 COMPRESSION 3/8 x 1-1/2
 60267 COMPRESSION 21/64 x 1-1/8	 60273 EXTENSION 7/16 x 1-15/16	 60279 COMPRESSION 3/8 x 1-15/16	 60285 COMPRESSION 5/8 x 1-9/16	 60291 EXTENSION 9/32 x 2-7/16	 60297 EXTENSION 3/8 x 2-3/16
 60268 EXTENSION 5/16 x 2-3/16	 60274 COMPRESSION 5/16 x 1-7/16	 60280 COMPRESSION 1/2 x 1-7/16	 60286 EXTENSION 3/16 x 2	 60292 COMPRESSION 5/16 x 1-11/16	 60298 COMPRESSION 1/4 x 1-7/16
 60269 COMPRESSION 1/4 x 2	 60275 EXTENSION 15/64 x 1-1/2	 60281 EXTENSION 3/16 x 1-11/16	 60287 COMPRESSION 15/64 x 1-3/4	 60293 EXTENSION 1/4 x 2-5/16	 60299 COMPRESSION 3/8 x 1-7/8
 60270 EXTENSION 5/16 x 2-1/8	 60276 COMPRESSION 5/16 x 2	 60282 COMPRESSION 1/2 x 1-3/4	 60288 EXTENSION 3/8 x 2	 60294 COMPRESSION 1/4 x 2	 60300 EXTENSION 15/32 x 2-1/4
 60271 COMPRESSION 3/16 x 1-1/2	 60277 COMPRESSION 3/8 x 1-7/16	 60283 EXTENSION 7/32 x 2	 60289 COMPRESSION 5/8 x 2	 60295 COMPRESSION 5/16 x 1-1/2	

TRAY FRONT



SET SCREW TYPE SHAFT COLLAR ASSORTMENT




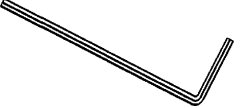

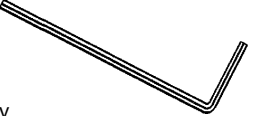





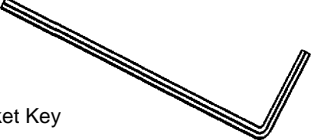



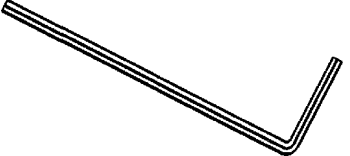
P/N 17781

FEATURES:

- Hex Socket Set Screw Locks Shaft
- Zinc Plated Steel

99

A27-23

 <p>1/8" Set Screw Type Shaft Collar P/N 3800</p>	 <p>3/8" Set Screw Type Shaft Collar P/N 3804</p>	 <p>5/8" Set Screw Type Shaft Collar P/N 3808</p>	 <p>1/16" Hex Socket Key P/N 70203</p>
 <p>3/16" Set Screw Type Shaft Collar P/N 3801</p>	<p>3/8" Set Screw Type Shaft Collar P/N 3804</p>	<p>5/8" Set Screw Type Shaft Collar P/N 3808</p>	 <p>5/64" Hex Socket Key P/N 70204</p>
 <p>1/4" Set Screw Type Shaft Collar P/N 3802</p>	 <p>7/16" Set Screw Type Shaft Collar P/N 3805</p>	 <p>3/4" Set Screw Type Shaft Collar P/N 3810</p>	 <p>3/32" Hex Socket Key P/N 70205</p>
 <p>1/4" Set Screw Type Shaft Collar P/N 3802</p>	<p>7/16" Set Screw Type Shaft Collar P/N 3805</p>	<p>3/4" Set Screw Type Shaft Collar P/N 3810</p>	 <p>1/8" Hex Socket Key P/N 70207</p>
 <p>5/16" Set Screw Type Shaft Collar P/N 3803</p>	 <p>1/2" Set Screw Type Shaft Collar P/N 3806</p>	 <p>1" Set Screw Type Shaft Collar P/N 3814</p>	 <p>5/32" Hex Socket Key P/N 70209</p>



CLAMP TYPE SHAFT COLLAR



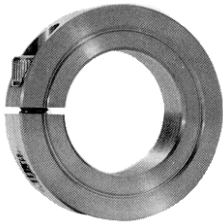


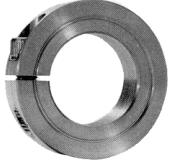
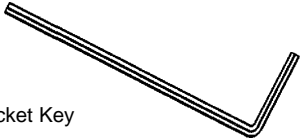

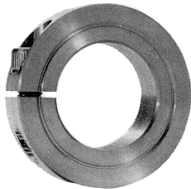
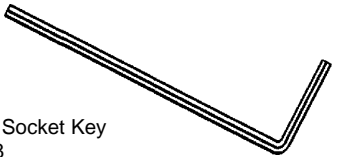

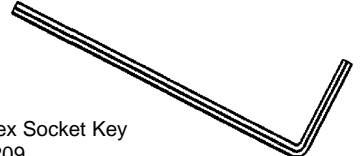
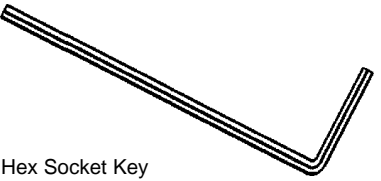
P/N 17782

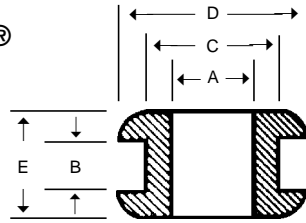
FEATURES:

- Clamp design provides a full radial hold on shaft
- Tighten cap screw to secure
- Greater clamping force than set screw shaft collars
- Black oxide steel

28

A27-24

 <p>3/16" Clamp Type Shaft Collar P/N 3835</p>	 <p>1/2" Clamp Type Shaft Collar P/N 3840</p>	 <p>1" Clamp Type Shaft Collar P/N 3848</p>	 <p>3/32" Hex Socket Key P/N 70205</p>
 <p>1/4" Clamp Type Shaft Collar P/N 3836</p>	 <p>5/8" Clamp Type Shaft Collar P/N 3842</p>		 <p>7/64" Hex Socket Key P/N 70206</p>
 <p>5/16" Clamp Type Shaft Collar P/N 3837</p>	 <p>3/4" Clamp Type Shaft Collar P/N 3844</p>	 <p>9/64" Hex Socket Key P/N 70208</p>	
 <p>3/8" Clamp Type Shaft Collar P/N 3838</p>	 <p>5/32" Hex Socket Key P/N 70209</p>	 <p>3/16" Hex Socket Key P/N 70210</p>	



























RUBBER GROMMET ASSORTMENT

P/N 17794

FEATURES:

- Use for insulating, vibration dampening, sealing, abrasion control and electrical cord protection
- Made from a black natural rubber base compound
- Hardness is 50-60 Shore A durometer
- Temperature resistant to 180°F

 <p>A: 5/32 B: 1/16 C: 1/4 D: 3/8 E: 3/16 P/N 62700</p>	 <p>A: 15/64 B: 3/16 C: 3/8 D: 5/8 E: 3/8 P/N 62704</p>	 <p>A: 5/16 B: 1/16 C: 3/4 D: 1" E: 5/16 P/N 62708</p>	 <p>A: 3/8 B: 1/16 C: 1" D: 1-1/4 E: 1/4 P/N 62712</p>	 <p>A: 1/2 B: 3/32 C: 25/32 D: 1-1/16 E: 11/32 P/N 62716</p>	 <p>A: 5/8 B: 1/16 C: 7/8 D: 1-1/8 E: 5/16 P/N 62720</p>
 <p>A: 3/16 B: 1/16 C: 5/16 D: 1/2 E: 1/4 P/N 62701</p>	 <p>A: 1/4 B: 1/16 C: 3/8 D: 1/2 E: 7/32 P/N 62705</p>	 <p>A: 5/16 B: 1/8 C: 9/16 D: 13/16 E: 3/8 P/N 62709</p>	 <p>A: 3/8 B: 1/8 C: 5/8 D: 7/8 E: 3/8 P/N 62713</p>	 <p>A: 1/2 B: 1/8 C: 3/4 D: 1" E: 1/2 P/N 62717</p>	 <p>A: 3/4 B: 1/16 C: 1-1/16 D: 1-3/8 E: 3/8 P/N 62721</p>
 <p>A: 3/16 B: 3/32 C: 9/32 D: 7/16 E: 7/32 P/N 62702</p>	 <p>A: 1/4 B: 1/16 C: 7/16 D: 5/8 E: 3/16 P/N 62706</p>	 <p>A: 5/16 B: 1/4 C: 9/16 D: 13/16 E: 1/2 P/N 62710</p>	 <p>A: 3/8 B: 1/4 C: 5/8 D: 7/8 E: 1/2 P/N 62714</p>	 <p>A: 1/2 B: 1/4 C: 13/16 D: 1-1/16 E: 1/2 P/N 62718</p>	 <p>A: 3/4 B: 1/4 C: 1-1/4 D: 1-5/8 E: 7/16 P/N 62722</p>
 <p>A: 3/16 B: 1/4 C: 5/16 D: 7/16 E: 3/8 P/N 62703</p>	 <p>A: 5/16 B: 1/16 C: 7/16 D: 9/16 E: 3/16 P/N 62707</p>	 <p>A: 3/8 B: 1/16 C: 1/2 D: 5/8 E: 1/4 P/N 62711</p>	 <p>A: 1/2 B: 3/32 C: 3/4 D: 31/32 E: 9/32 P/N 62715</p>	 <p>A: 5/8 B: 1/8 C: 7/8 D: 1-1/8 E: 3/8 P/N 62719</p>	 <p>A: 1" B: 1/16 C: 1-3/8 D: 1-3/4 E: 7/16 P/N 62723</p>

TRAY FRONT

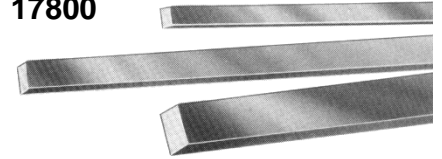


PLATED KEYSTOCK ASSORTMENT

P/N 17800

FEATURES:

- Make machinery keys by cutting, filing and fitting key stock
- Machine cut ends
- Tolerances: $-.000$ to $+.002$ in both dimensions
- P.S.I. - 85,000 B.H.N. -165 to 180



36

1/8" x 12"
P/N 60182



3/16" x 12"
P/N 60183



1/4" x 12"
P/N 60184



5/16" x 12"
P/N 60185



3/8" x 12"
P/N 60186



1/2" x 12"
P/N 60188



A27.26

TRAY FRONT

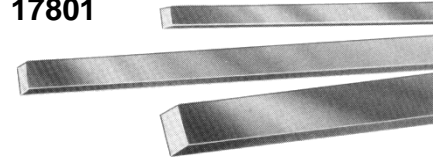


UNPLATED KEYSTOCK ASSORTMENT

P/N 17801

FEATURES:

- Make machinery keys by cutting, filing and fitting key stock
- Machine cut ends
- Tolerances: $-.002$ to $+.000$ in both dimensions
- P.S.I. – 85,000 B.H.N. – 165 to 180



36

1/8" x 12"
P/N 50182



3/16" x 12"
P/N 50183



1/4" x 12"
P/N 50184



5/16" x 12"
P/N 50185



3/8" x 12"
P/N 50186



1/2" x 12"
P/N 50188



A27.27

TRAY FRONT



















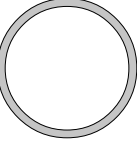
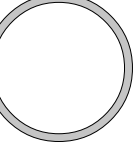
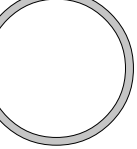
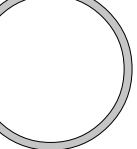
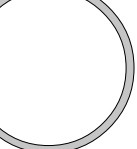
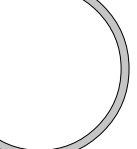
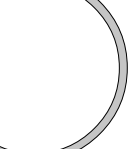
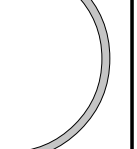
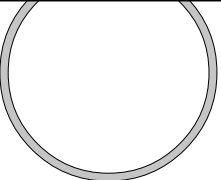
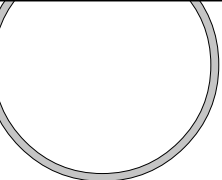
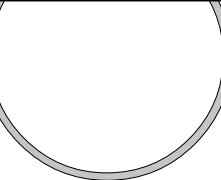
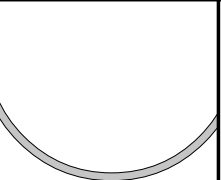
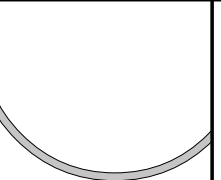
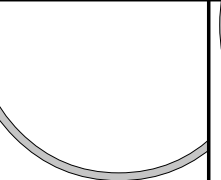
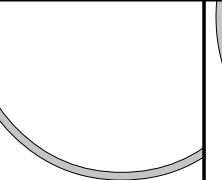
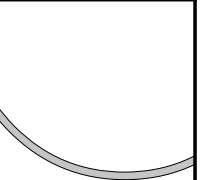
BUNA "N" COMPOUND O-RING ASSORTMENT (1/16" CROSS SECTION)

FEATURES:

- General purpose O'Rings withstand temperatures of -40°F to +300°F
- Resists gasoline, motor oil, transmission oil, water, mild acids, mild alkalis and anti-freeze
- Use in drain plug gaskets, fuel lines, engine seals, carburetors and garden power equipment

P/N 17820

558

 1/8 x 1/4 P/N 60001 -006	 5/32 x 9/32 P/N 60002 -007	 3/16 x 5/16 P/N 60003 -008	 7/32 x 11/32 P/N 60004 -009	 1/4 x 3/8 P/N 60005 -010	 5/16 x 7/16 P/N 60006 -011	 3/8 x 1/2 P/N 60007 -012	 7/16 x 9/16 P/N 60008 -013
 1/2 x 5/8 P/N 60009 -014	 9/16 x 11/16 P/N 60010 -015	 5/8 x 3/4 P/N 60011 -016	 11/16 x 13/16 P/N 60012 -017	 3/4 x 7/8 P/N 60013 -018	 13/16 x 15/16 P/N 60014 -019	 7/8 x 1 P/N 60015 -020	 15/16 x 1-1/16 P/N 60016 -021
 1 x 1-1/8 P/N 60017 -022	 1-1/16 x 1-3/16 P/N 60018 -023	 1-1/8 x 1-1/4 P/N 60019 -024	 1-3/16 x 1-5/16 P/N 60086 -025	 1-1/4 x 1-3/8 P/N 60087 -026	 1-5/16 x 1-7/16 P/N 60088 -027	 1-3/8 x 1-1/2 P/N 60089 -028	 1-1/2 x 1-5/8 P/N 60020 -029
 1-5/8 x 1-3/4 P/N 60090 -030	 1-3/4 x 1-7/8 P/N 60091 -031	 1-7/8 x 2 P/N 60092 -032	 2 x 2-1/8 P/N 60093 -033	 2-1/8 x 2-1/4 P/N 60094 -034	 2-1/4 x 2-3/8 P/N 60095 -035	 2-3/8 x 2-1/2 P/N 60096 -036	 2-1/2 x 2-5/8 P/N 60097 -037

TRAY FRONT

A27-28



BUNA "N" COMPOUND O-RING ASSORTMENT (3/32" CROSS SECTION)

FEATURES:

- General purpose O'Rings withstand temperatures of -40°F to +300°F
- Resists gasoline, motor oil, transmission oil, water, mild acids, mild alkalis and anti-freeze
- Use in drain plug gaskets, fuel lines, engine seals, carburetors and garden power equipment

P/N 17821

558

 1/4 x 7/16 P/N 63108 -108	 5/16 x 1/2 P/N 63109 -109	 3/8 x 9/16 P/N 60026 -110	 7/16 x 5/8 P/N 60027 -111	 1/2 x 11/16 P/N 60028 -112	 9/16 x 3/4 P/N 60029 -113	 5/8 x 13/16 P/N 60030 -114	 11/16 x 7/8 P/N 60031 -115
 3/4 x 15/16 P/N 60032 -116	 13/16 x 1 P/N 60033 -117	 7/8 x 1-1/16 P/N 60034 -118	 15/16 x 1-1/8 P/N 60035 -119	 1 x 1-3/16 P/N 60036 -120	 1-1/16 x 1-1/4 P/N 60037 -121	 1-1/8 x 1-5/16 P/N 60038 -122	 1-3/16 x 1-3/8 P/N 60039 -123
 1-1/4 x 1-7/16 P/N 60040 -124	 1-5/16 x 1-1/2 P/N 63125 -125	 1-3/8 x 1-9/16 P/N 63126 -126	 1-7/16 x 1-5/8 P/N 63127 -127	 1-1/2 x 1-11/16 P/N 63128 -128	 1-9/16 x 1-3/4 P/N 63129 -129	 1-5/8 x 1-13/16 P/N 63130 -130	 1-11/16 x 1-7/8 P/N 63131 -131
 1-3/4 x 1-15/16 P/N 63132 -132	 1-13/16 x 2 P/N 60041 -133	 1-7/8 x 2-1/16 P/N 63134 -134	 1-15/16 x 2-1/8 P/N 63135 -135	 2 x 2-3/16 P/N 63136 -136	 2-1/16 x 2-1/4 P/N 63137 -137	 2-1/8 x 2-5/16 P/N 63138 -138	 2-3/16 x 2-3/8 P/N 63139 -139

AZ7-29

TRAY FRONT



BUNA "N" COMPOUND O-RING ASSORTMENT (1/8" CROSS SECTION)

FEATURES:

- General purpose O'Rings withstand temperatures of -40°F to +300°F
- Resists gasoline, motor oil, transmission oil, water, mild acids, mild alkalis and anti-freeze
- Use in drain plug gaskets, fuel lines, engine seals, carburetors and garden power equipment

P/N 17822

510

 5/16 x 9/16 P/N 63203 -203	 3/8 x 5/8 P/N 63204 -204	 7/16 x 11/16 P/N 63205 -205	 1/2 x 3/4 P/N 63206 -206	 9/16 x 13/16 P/N 63207 -207	 5/8 x 7/8 P/N 60047 -208
 11/16 x 15/16 P/N 60048 -209	 3/4 x 1 P/N 60049 -210	 13/16 x 1-1/16 P/N 60050 -211	 7/8 x 1-1/8 P/N 60051 -212	 15/16 x 1-3/16 P/N 60052 -213	 1 x 1-1/4 P/N 60053 -214
 1-1/16 x 1-5/16 P/N 60054 -215	 1-1/8 x 1-3/8 P/N 60055 -216	 1-3/16 x 1-7/16 P/N 60056 -217	 1-1/4 x 1-1/2 P/N 60057 -218	 1-5/16 x 1-9/16 P/N 60058 -219	 1-3/8 x 1-5/8 P/N 60059 -220
 1-7/16 x 1-11/16 P/N 60060 -221	 1-1/2 x 1-3/4 P/N 60061 -222	 1-5/8 x 1-7/8 P/N 60062 -223	 1-3/4 x 2 P/N 60063 -224	 1-7/8 x 2-1/8 P/N 63225 -225	 2 x 2-1/4 P/N 63226 -226

AZ7-30

TRAY FRONT



BRISTLE BRUSH ASSORTMENT

FEATURES:

- Ideal for cleaning, finishing, blending and deburring
- Use on corners, welds and other areas where extra conformability is required
- Ideal for cleaning rivets, welds and corners
- 50X Grade/Green, 80X Grade/Yellow

P/N 17850



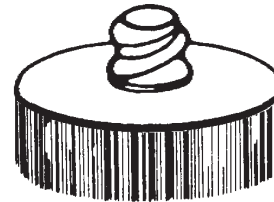
16



1" x 50X GRADE GREEN BRISTLE BRUSH
P/N 45689



2" x 50X GRADE GREEN BRISTLE BRUSH
P/N 45690



3" x 50X GRADE GREEN BRISTLE BRUSH
P/N 45691



2" QUICK-LOK DISC PAD
P/N 45638



1" x 80X GRADE YELLOW BRISTLE BRUSH
P/N 45694



2" x 80X GRADE YELLOW BRISTLE BRUSH
P/N 45692



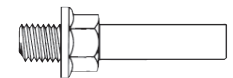
3" x 80X GRADE YELLOW BRISTLE BRUSH
P/N 45693



3" QUICK-LOK DISC PAD
P/N 45642



1" QUICK-LOK DISC PAD
P/N 45634



1/4" QUICK-LOK THREADED SHAFT
P/N 45630

A27-31

TRAY FRONT

SCRAPER

- Strong, galvanized, non-rusting steel with retractable blade
- Comfortable, form-fitted grip
- For use with #9 single edge industrial blade

INDUSTRIAL BLADE

- High quality, carbon steel double-beveled ground razor edge
- Folded steel backing crimped on both ends to hold blade securely

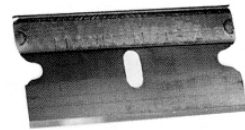
ERGO-KNIFE™

- Hinged handle makes it the easiest knife for changing blades
- Ergonomically designed to provide maximum power with minimum fatigue
- Internal blade caddy holds blades safely and conveniently
- Patented quick release handle eliminates the need for a screwdriver or tools to change blades.
- Retractable blade for easy use and safe storage

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**INDUSTRIAL SCRAPER
P/N 66403**



**#9 SINGLE EDGE
SAFETY BLADES
P/N 66402**



**ERGO-KNIFE™
WITH BLADES
P/N 66410**



**ROUND BLADE
25 PACK
P/N 66421**



**HOOK BLADE
25 PACK
P/N 66418**



**BI METAL
UTILITY KNIFE BLADE
P/N 66415**

TRAY FRONT

A27-32

DISPOSABLE PAINT/CHIP BRUSH ASSORTMENT

P/N 17880

FEATURES:

- Natural Wood Handles
- 100% Pure White Bristles
- Bristles Set in Epoxy for Solvent Resistance



1" Varnish
P/N 21576



1-1/2" Varnish
P/N 21577



2-1/2" Varnish
P/N 21579



3" Varnish
P/N 21580

TRAY FRONT



UTILITY BRUSH ASSORTMENT

P/N 17878

TUBE FITTING BRUSH FEATURES:

- Cleans fittings quickly and easily
- Stainless steel wire fill held in heavy stem wire, with comfortable hand fitting plastic handle for manual cleaning of fittings

SCRATCH BRUSH FEATURES:

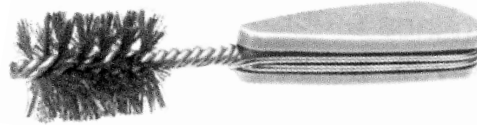
- Curved plastic handles with easy grip design
- Stainless steel for heavy duty cleaning
- Brass for less abrasion action
- Nylon for lighter duty cleaning

ACID SWAB BRUSH FEATURES:

- Made of genuine horsehair, held firmly by crimped tin handle

20

1/2" TUBE FITTING BRUSH
P/N 41348



3/4" TUBE FITTING BRUSH
P/N 41349



S/S SMALL SCRATCH BRUSH
P/N 41340



BRASS SMALL SCRATCH BRUSH
P/N 41342



NYLON SMALL SCRATCH BRUSH
P/N 41347



3/8" ACID SWAB BRUSH
P/N 41345



A27-35

TRAY FRONT



CIC 200™ PAINT STICKS ASSORTMENT

PAINT STICK MARKER:

- Real paint in stick form
- Weather-resistant, UV-resistant
- Ideal for layout, color coding, fabrication and identification
- Marks through oil and water
- Marks on smooth, rough, rusty or dirty surfaces
- For use on metal, wood, plastic, concrete, rubber, glass, cardboard and paper
- Lead-free
- Marking range: -50°F to 150°F (-46°C to 66°C)

VALVE ACTION PAINT MARKERS:

- Marks with real paint, dries in 3 minutes
- Nib releases paint as needed for continuous marking
- Marks on all surfaces including metal, wood, glass, plastic, rubber, cardboard and paper
- Lead free, low halogens
- Durable metal barrel
- Meets California VOC Regulations
- Marking range: -50°F to 150°F (-46°C to 66°C)

P/N 17904

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PAINT STICK MARKER - WHITE
P/N 28400



PAINT STICK MARKER - YELLOW
P/N 28401

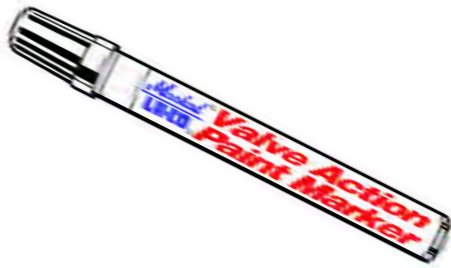


PAINT STICK MARKER - RED
P/N 28402

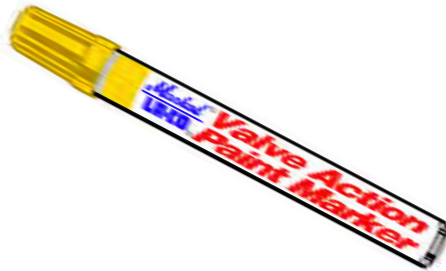


PAINT STICK MARKER - BLACK
P/N 28403

AZ7-36



VALVE ACTION MARKER - WHITE
P/N 28404



VALVE ACTION MARKER - YELLOW
P/N 28405



VALVE ACTION MARKER - RED
P/N 28406



VALVE ACTION - BLACK
P/N 28407

TRAY FRONT



STAINLESS STEEL SET SCREW TYPE SHAFT COLLAR ASSORTMENT




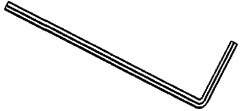







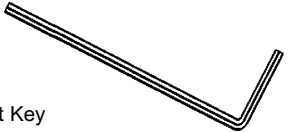

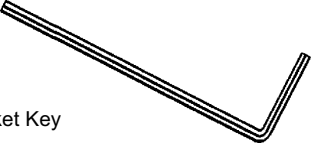
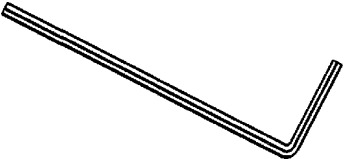
P/N 17910

FEATURES:

- Hex Socket Set Screw Locks Shaft
- Stainless steel for maximum corrosion resistance

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A27-37

 <p>1/8" Set Screw Type Shaft Collar P/N 23800</p>	 <p>3/8" Set Screw Type Shaft Collar P/N 23804</p>	 <p>5/8" Set Screw Type Shaft Collar P/N 23808</p>	 <p>1/16" Hex Socket Key P/N 70203</p>
 <p>3/16" Set Screw Type Shaft Collar P/N 23801</p>	 <p>7/16" Set Screw Type Shaft Collar P/N 23805</p>	 <p>3/4" Set Screw Type Shaft Collar P/N 23810</p>	 <p>5/64" Hex Socket Key P/N 70204</p>
 <p>1/4" Set Screw Type Shaft Collar P/N 23802</p>	 <p>1/2" Set Screw Type Shaft Collar P/N 23806</p>	 <p>1" Set Screw Type Shaft Collar P/N 23814</p>	 <p>3/32" Hex Socket Key P/N 70205</p>
 <p>5/16" Set Screw Type Shaft Collar P/N 23803</p>			 <p>1/8" Hex Socket Key P/N 70207</p>
			 <p>5/32" Hex Socket Key P/N 70209</p>

TRAY FRONT



DOUBLE SPLIT TYPE SHAFT COLLAR



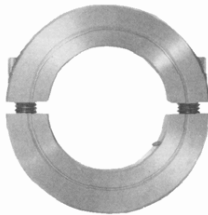
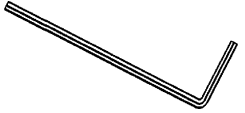





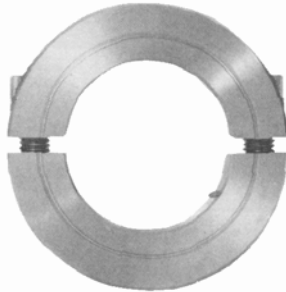
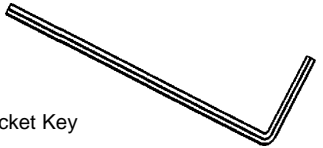

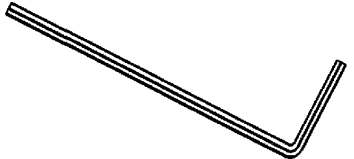
P/N 17911

FEATURES:

- Clamp design provides a full radial hold on shaft
- Tighten cap screws to secure
- Greater clamping force than set screw shaft collars • Black oxide steel

41

A27-38

 <p>3/16" Double Split Type Shaft Collar P/N 23900</p>	 <p>1/2" Double Split Type Shaft Collar P/N 23905</p>	 <p>1" Double Split Type Shaft Collar P/N 23913</p>	 <p>3/32" Hex Socket Key P/N 70205</p>
 <p>1/4" Double Split Type Shaft Collar P/N 23901</p>	 <p>5/8" Double Split Type Shaft Collar P/N 23907</p>		 <p>7/64" Hex Socket Key P/N 70206</p>
 <p>5/16" Double Split Type Shaft Collar P/N 23902</p>	 <p>3/4" Double Split Type Shaft Collar P/N 23909</p>	 <p>1-1/2" Double Split Type Shaft Collar P/N 23921</p>	 <p>5/32" Hex Socket Key P/N 70209</p>
 <p>3/8" Double Split Type Shaft Collar P/N 23903</p>	 <p>3/16" Hex Socket Key P/N 70210</p>		

TRAY FRONT



QUICK-LOK™ MINI FLAP DISCS ASSORTMENT

P/N 17921

FEATURES:

- High quality zirconium effective on materials from mild steel to exotic titanium alloys, composites and plastics
- Combines grinding and finishing in one step
- "Mini" size allows access to tight areas
- Quick-Lok™ connection saves time and money – half twist and they're securely locked in place...a half twist again and it's off

16



40 GRIT 2" DIA
P/N 33937



80 GRIT 2" DIA
P/N 33939



120 GRIT 2" DIA
P/N 33941



BACK-UP PAD 2" DIA
P/N 45638



BACK-UP PAD 3" DIA
P/N 45642



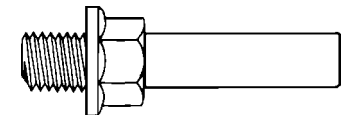
40 GRIT 3" DIA
P/N 33943



80 GRIT 3" DIA
P/N 33945



120 GRIT 3" DIA
P/N 33946



1/4" THREADED SHAFT
P/N 45630

A2742



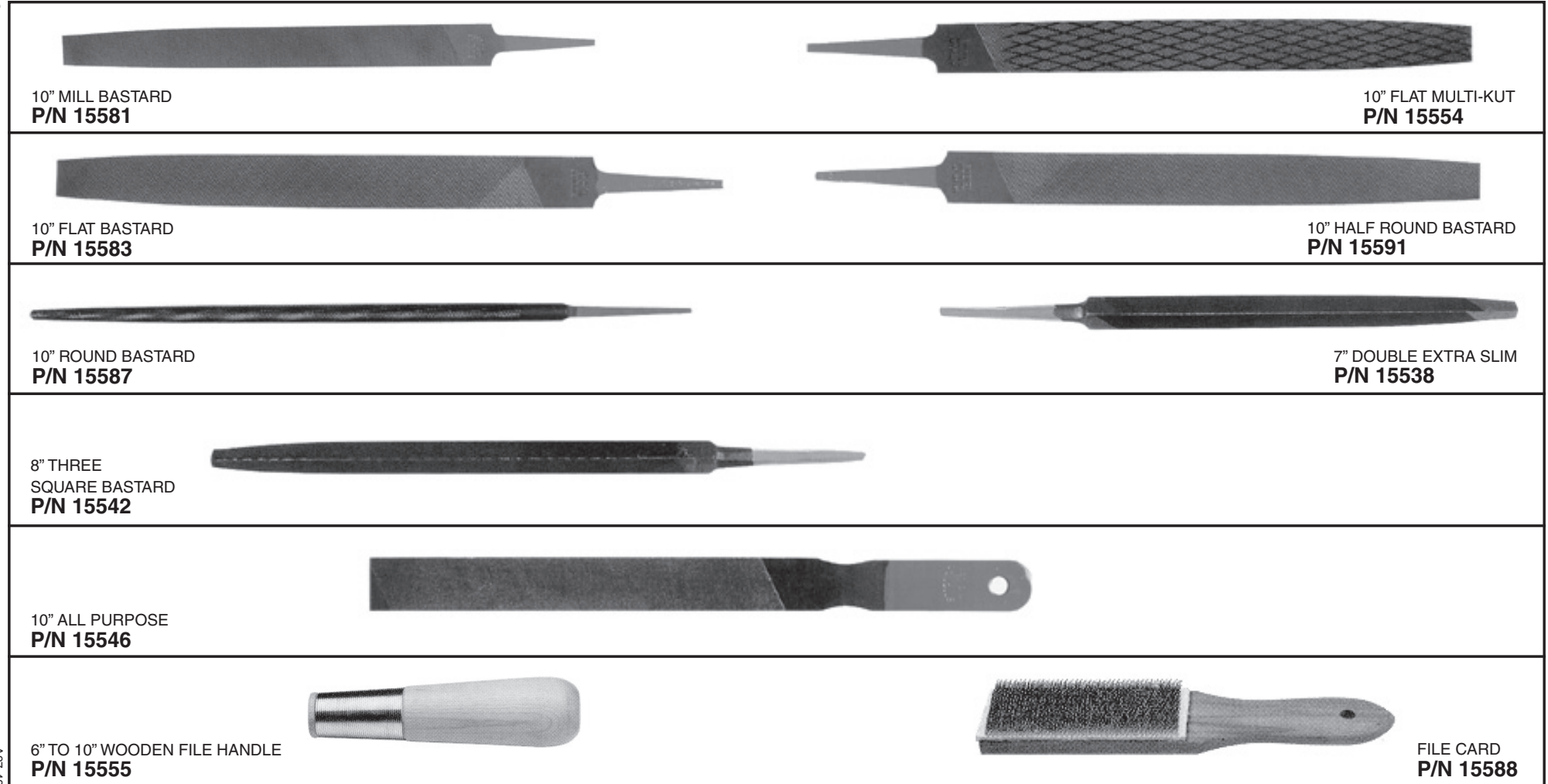
BLACK MAXI™ HAND FILES ASSORTMENT

FEATURES:

- Special black oxide coating lasts longer, resists loading and rusts
- Handy assortment of the most commonly used files

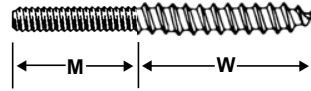
P/N 17922

16



A27-43

















TRAY FRONT



FEATURES:

- One end has wood screw thread and the other end is threaded to hold a nut
- Screws one end into wood and the exposed end provides a machine threaded stud for corner brackets, nuts, hooks, etc...

540

 <p>10-24 x 1-1/2 P/N 21120</p> <p>MACHINE THREAD (M) 5/8" WOOD THREAD (W) 7/8"</p>	 <p>10-24 x 2 P/N 21122</p> <p>MACHINE THREAD (M) 1" WOOD THREAD (W) 1"</p>	 <p>10-24 x 2-1/2 P/N 21123</p> <p>MACHINE THREAD (M) 1" WOOD THREAD (W) 1-1/2"</p>	 <p>10-24 x 3 P/N 21124</p> <p>MACHINE THREAD (M) 1-1/2" WOOD THREAD (W) 1-1/2"</p>
 <p>1/4-20 x 1-1/2 P/N 21126</p> <p>MACHINE THREAD (M) 5/8" WOOD THREAD (W) 7/8"</p>	 <p>1/4-20 x 2 P/N 21128</p> <p>MACHINE THREAD (M) 1" WOOD THREAD (W) 1"</p>	 <p>1/4-20 x 2-1/2 P/N 21130</p> <p>MACHINE THREAD (M) 1" WOOD THREAD (W) 1-1/2"</p>	 <p>1/4-20 x 3 P/N 21132</p> <p>MACHINE THREAD (M) 1-1/2" WOOD THREAD (W) 1-1/2"</p>
 <p>5/16-18 x 2-1/2 P/N 21143</p> <p>MACHINE THREAD (M) 1" WOOD THREAD (W) 1-1/2"</p>	 <p>5/16-18 x 3 P/N 21145</p> <p>MACHINE THREAD (M) 1-1/2" WOOD THREAD (W) 1-1/2"</p>	 <p>5/16-18 x 3-1/2 P/N 21146</p> <p>MACHINE THREAD (M) 1-1/2" WOOD THREAD (W) 2"</p>	 <p>5/16-18 x 4 P/N 21147</p> <p>MACHINE THREAD (M) 2" WOOD THREAD (W) 2"</p>
 <p>3/8-16 x 2-1/2 P/N 21153</p> <p>MACHINE THREAD (M) 1" WOOD THREAD (W) 1-1/2"</p>	 <p>3/8-16 x 3 P/N 21154</p> <p>MACHINE THREAD (M) 1-1/2" WOOD THREAD (W) 1-1/2"</p>	 <p>3/8-16 x 3-1/2 P/N 21155</p> <p>MACHINE THREAD (M) 1-1/2" WOOD THREAD (W) 2"</p>	 <p>3/8-16 x 4 P/N 21156</p> <p>MACHINE THREAD (M) 2" WOOD THREAD (W) 2"</p>

TRAY FRONT

A27-44

















HUMVEE BRAKE, POWER STEERING AND ALTERNATOR REPAIR ASSORTMENT

FEATURES:

- Contains Chromate's high strength fasteners for lasting repairs

P/N 17933
P/N 17933SAND

455

 <p>10mm x 30mm METRIC CAP SCREW P/N 67156</p>	 <p>1/4-20 USS TAPER LOCKNUT P/N 6800</p>	 <p>7/16 LOCK WASHER P/N 6315</p>	 <p>5/16 FREE SPINNING FLANGE LOCKNUT P/N 6811PS</p>
 <p>10mm x 35 mm METRIC CAP SCREW P/N 67158</p>	 <p>10mm x 120mm METRIC CAP SCREW P/N 67176</p>	 <p>5/16-18 x 1 GRADE 8 CAP SCREW P/N 40730</p>	 <p>10 x 30 HEX FLANGE BOLT 10.9 P/N 69990</p>
 <p>1/4-28 x 1 GRADE 8 CAP SCREW P/N 41004</p>	 <p>1/4 SAE NARROW BAND FLAT WASHER P/N 9000</p>	 <p>1/2 SAE NARROW BAND FLAT WASHER P/N 9004</p>	 <p>10 x 45 HEX FLANGE BOLT 10.9 P/N 69991</p>
		 <p>10mm METRIC FLAT WASHER P/N 67346</p>	 <p>10mm METRIC FLAT WASHER P/N 67346</p>

TRAY FRONT

A27-45



DOUBLE EDGE / SPIRAL SCREW EXTRACTORS

DOUBLE EDGE EXTRACTORS

- Removes damaged screws and bolts without damaging threads
- Double edge can be used for both right and left hand drills
- Superior non-slip engagement with screw or bolt to be removed

SPIRAL SCREW EXTRACTORS

- High carbon steel construction for strength and durability
- Sharp spiral flutes bite quickly into broken stud or bolt for solid grip
- Removes broken studs or bolts without damaging threads in hole

LEFT HAND DRILLS

- Reverse drilling actually assists threading out broken studs or bolts
- Special tool steel alloy for superior strength, faster heat dissipation and longer life
- Extended flutes for fast chip removal and cooler running
- Cuts standard, stainless, tool and exotic steels

P/N 17934



#1 DOUBLE EDGED SCREW EXTRACTORS
P/N 12061



1/8 LEFT HAND DRILL
P/N 11005

#4 DOUBLE EDGED SCREW EXTRACTORS
P/N 12064



11/32 LEFT HAND DRILL
P/N 11012

#1 SPIRAL SCREW EXTRACTOR
P/N 13060



5/64 LEFT HAND DRILL
P/N 11002

#4 SPIRAL SCREW EXTRACTOR
P/N 13063



1/4 LEFT HAND DRILL
P/N 11009

#2 DOUBLE EDGED SCREW EXTRACTORS
P/N 12062



3/16 LEFT HAND DRILL
P/N 11007

#5 DOUBLE EDGED SCREW EXTRACTORS
P/N 12065



7/16 LEFT HAND DRILL
P/N 11015

#2 SPIRAL SCREW EXTRACTOR
P/N 13061



7/64 LEFT HAND DRILL
P/N 11004

#5 SPIRAL SCREW EXTRACTOR
P/N 13064



19/64 LEFT HAND DRILL
P/N 11010

#3 DOUBLE EDGED SCREW EXTRACTORS
P/N 12063



1/4 LEFT HAND DRILL
P/N 11009

#3 SPIRAL SCREW EXTRACTOR
P/N 13062



5/32 LEFT HAND DRILL
P/N 11006

EXPANSION

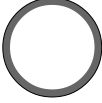

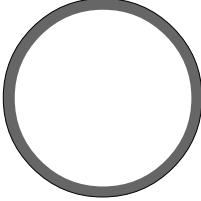
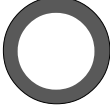
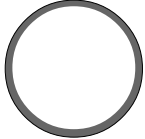


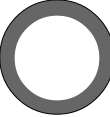
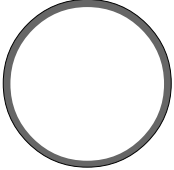
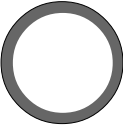

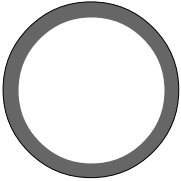
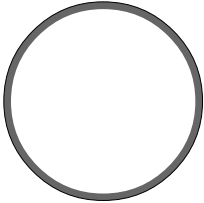
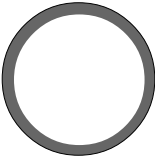
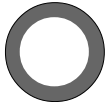
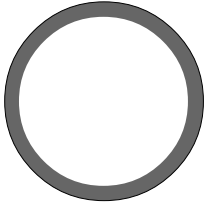
TRAY FRONT



FEATURES:

- Buna "N" O-Rings withstand temperatures of -40 to +300
- Resists-Gasoline, Motor Oil, Transmission Oil, Water, Mild Acids, Mild Alkalis, Anti-Freeze
- Use In-Drain Plug Gaskets, Fuel Lines, Engine Seals, Carburetors, Garden Power Equipment

210

 <p>ID:11/16 OD: 13/16 Thickness: 1/16 Industry #017 P/N 60012</p>	 <p>ID: 1/4 OD: 7/16 Thickness: 3/32 Industry #108 P/N 63108</p>	 <p>ID: 1-7/16 OD: 1-5/8 Thickness: 3/32 Industry #127 P/N 63127</p>	 <p>ID: 5/8 OD: 7/8 Thickness: 1/8 Industry #208 P/N 60047</p>
 <p>ID: 1 OD: 1-1/8 Thickness: 1/16 Industry #022 P/N 60017</p>	 <p>ID: 5/16 OD: 1/2 Thickness: 3/32 Industry #109 P/N 63109</p>	 <p>ID: 1/4 OD: 1/2 Thickness: 1/8 Industry #202 P/N 63202</p>	 <p>ID: 11/16 OD: 15/16 Thickness: 1/8 Industry #209 P/N 60048</p>
 <p>ID: 1-1/4 OD: 1-3/8 Thickness: 1/16 Industry #026 P/N 60087</p>	 <p>ID: 13/16 OD: 1 Thickness: 3/32 Industry #117 P/N 60033</p>	 <p>ID: 1/2 OD: 3/4 Thickness: 1/8 Industry #206 P/N 63206</p>	 <p>ID: 1-3/16 OD: 1-7/16 Thickness: 1/8 Industry #217 P/N 60056</p>
 <p>ID: 1-1/2 OD: 1-5/8 Thickness: 1/16 Industry #029 P/N 60020</p>	 <p>ID: 1-1/16 OD: 1-1/4 Thickness: 3/32 Industry #121 P/N 60037</p>	 <p>ID: 9/16 OD: 13/16 Thickness: 1/8 Industry #207 P/N 63207</p>	 <p>ID: 1-3/8 OD: 1-5/8 Thickness: 1/8 Industry #220 P/N 60059</p>

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TRAY FRONT

BUMPER ASSORTMENT

P/N 17945

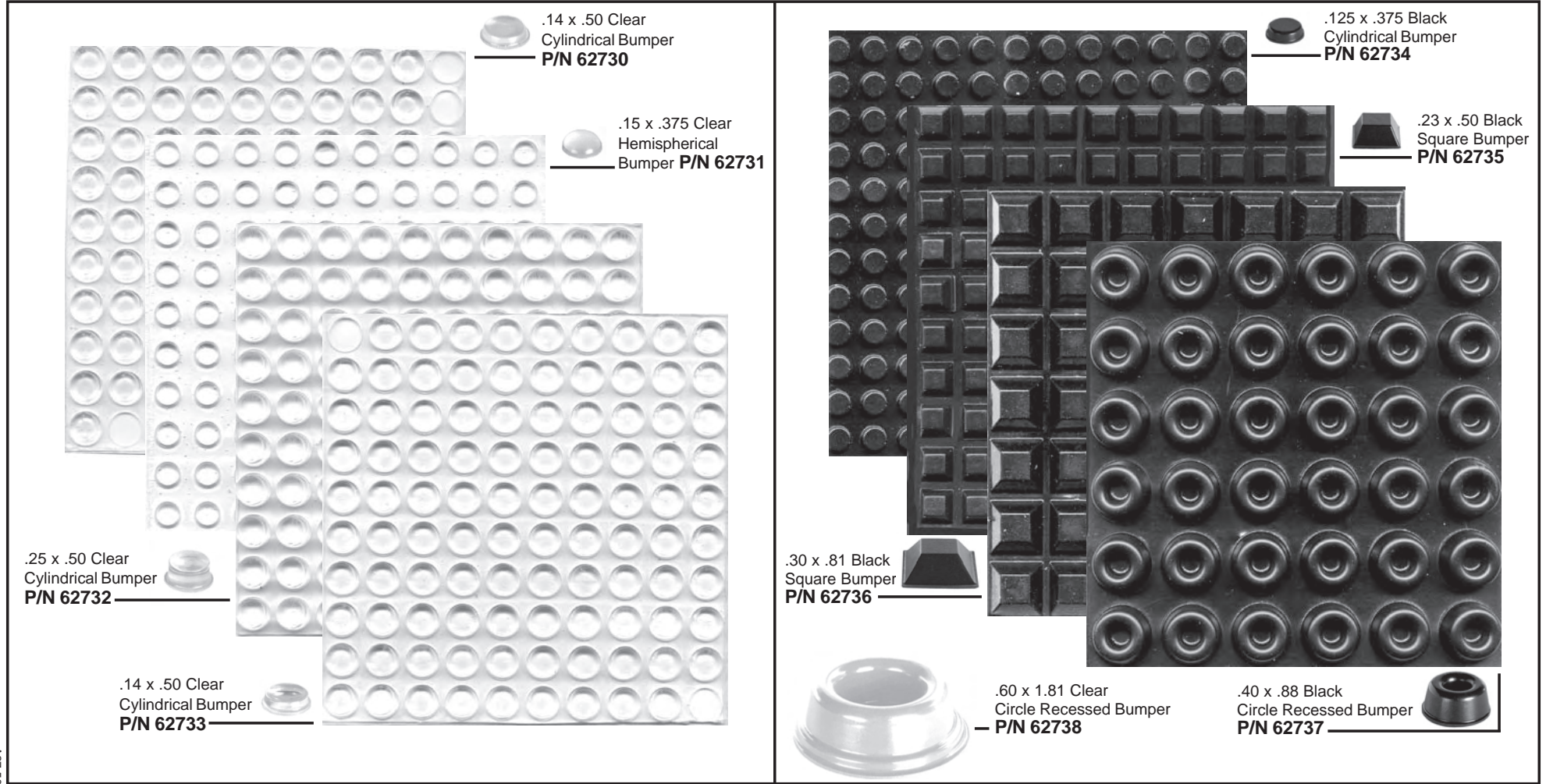
FEATURES:

- *UL recognized component*
- *Easy 'peel off' backing*
- *Superior abrasion resistance*
- *Crack-resistant and resilient*
- *Non-staining and non-marring*
- *Vibration and shock dampening*
- *Superb coefficient of friction and resistance to skidding*

APPLICATIONS

- *Cutting boards*
- *Picture frames*
- *Cabinet doors*
- *Computers*
- *Appliances*
- *Office equipment*
- *Desktop calculators and many more*

739



A27-50

TRAY FRONT



PTFE PIPE AND ANTI-SEIZE TAPES

ANTI-SEIZE TAPE FEATURES:

- Easy to apply from handy plastic spool
- Discourages seizing, galling and carbon fusing
- Non-toxic, non-flammable, non-standing
- Inhibits corrosion, rusting and galvanic pitting
- Effective across a broad range of temps.: -450°F to 2600°F
- Will not squeeze out and rub off like grease base products

PTFE PIPE TAPE FEATURES:

- Forms a permanent seal for the life of the connection
- Approved by the USDA and FDA and are non-toxic under normal usage
- Green/oxygen tape is suitable for oxygen service such as hospital equipment and oxygen cylinders
- Pink/plumbers tape is extra thick and extra dense for pipe-fitting

P/N 17949



13



8 82503 02895 4

1/2" x 520"
White-Standard PTFE Tape
P/N 2895



8 82503 32890 0

1/2" x 520"
White-High Density PTFE Tape
P/N 32890



8 82503 02304 1

1/2" x 520"
Pink/Plumbers PTFE Tape
P/N 32901



8 82503 32898 6

1/2" x 520"
Yellow/Gas Line PTFE Tape
P/N 32898



8 82503 02284 6

1/2" x 260"
Green/Oxygen PTFE Tape
P/N 32900



8 82503 02308 9

1/2" x 600"
Copper Anti-Seize Tape
P/N 32902

Copper: For cleaner high-temperature threaded anti-seize applications. Reduces required torque. Applied easily, seals tightly, overcomes high temperature seizing.
Temp. range -450°F to 1800°F



8 82503 02321 8

1/2" x 600"
Nickel Anti-Seize Tape
P/N 32903

Nickel: For applications where copper cannot be used including chemical, extremely high temperature and harsher environments. Made specifically for stainless steel threads.
Temp. range -450°F to 2600°F



8 82503 02360 7

1/2" x 600"
Ceramic Anti-Seize Tape
P/N 32904

Ceramic: Formulated specifically for anti-seize applications typical to food industry. All materials FDA approved.
Temp. range: -450°F to 2100°F

AZ-51

TRAY FRONT

FEATURES:

- Fast, efficient deburring, blending, finishing and polishing on all types of metals and composites
- Just a half twist and they're securely locked in place . . . a half twist again and it's off
- Ideal for use with air tools and flex-shaft grinders

STRIPPING DISC FEATURES:

- Extra-coarse discs are constructed from an open, non-loading web
- Makes tough cleaning and stripping jobs quick and easy
- Cleans faster and safer than wire brushes

MINI FLAP DISC FEATURES:

- High quality zirconium effective on materials from mild steel to exotic titanium alloys, composites and plastics
- Combines grinding and finishing in one step
- "Mini" size allows access to tight areas

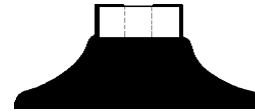
15



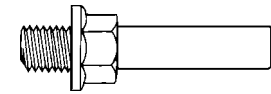
2" X-Coarse Quick-Lok Coating Removal Disc
P/N 45617



2" x 80 Grit Quick-Lok Flap Disc
P/N 33939

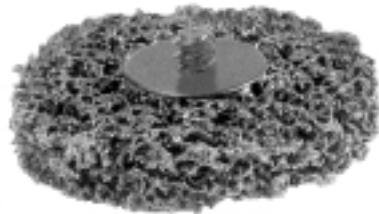


2" Quick-Lok Disc Pad - Medium
P/N 45638



1/4" Quick-Lok Threaded Shaft
P/N 45630

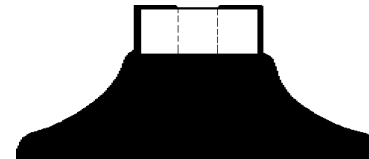
A27-52



3" X-Coarse Quick-Lok Coating Removal Disc
P/N 45618



3" x 80 Grit Quick-Lok Flap Disc
P/N 33945



3" Quick-Lok Disc Pad - Medium
P/N 45642

TRAY FRONT



2MM METRIC O-RINGS ASSORTMENT

P/N 17970



FEATURES:

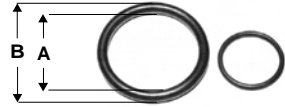
- Provides superior resistance to gasoline, motor oil, transmission oil, hydraulic fluids, anti-freeze, mild acids, mild alkalies and water
- Precision manufactured to exacting specifications – assuring maximum leakage protection
- Temperature range: -65°F to 300°F (-54°C to 149°C)
- Ideal for use in engines, equipment, fuel systems, carburetors, drain lines, etc.

006	<p>2 x 3 x 7 P/N 60920</p>	<p>2 x 8 x 12 P/N 60925</p>	<p>2 x 13 x 17 P/N 60930</p>	<p>2 x 19 x 23 P/N 60934</p>
	<p>2 x 4 x 8 P/N 60921</p>	<p>2 x 9 x 13 P/N 60926</p>	<p>2 x 14 x 18 P/N 60931</p>	<p>2 x 20 x 24 P/N 60935</p>
	<p>2 x 5 x 9 P/N 60922</p>	<p>2 x 10 x 14 P/N 60927</p>	<p>2 x 15 x 19 P/N 60932</p>	<p>2 x 25 x 29 P/N 60936</p>
	<p>2 x 6 x 10 P/N 60923</p>	<p>2 x 11 x 15 P/N 60928</p>	<p>2 x 16 x 20 P/N 60933</p>	<p>2 x 28 x 32 P/N 60937</p>
	<p>2 x 7 x 11 P/N 60924</p>	<p>2 x 12 x 16 P/N 60929</p>		
	<p>2 x 8 x 12 P/N 60925</p>			
A27-53	TRAY FRONT			



2.5MM METRIC O-RINGS ASSORTMENT



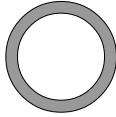
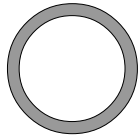

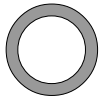
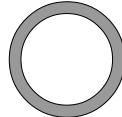
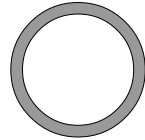

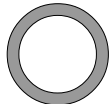
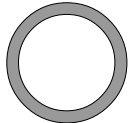
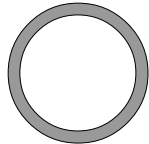

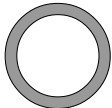
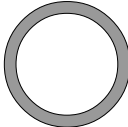
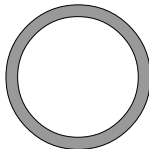
P/N 17971



FEATURES:

- Provides superior resistance to gasoline, motor oil, transmission oil, hydraulic fluids, anti-freeze, mild acids, mild alkalies and water
- Precision manufactured to exacting specifications – assuring maximum leakage protection
- Temperature range: -65°F to 300°F (-54°C to 149°C)
- Ideal for use in engines, equipment, fuel systems, carburetors, drain lines, etc.

565

 2.5 x 8 x 13 P/N 60957	 2.5 x 13 x 18 P/N 60958	 2.5 x 18 x 23 P/N 60959	 2.5 x 22 x 27 P/N 60969
 2.5 x 10 x 15 P/N 60960	 2.5 x 14 x 19 P/N 60963	 2.5 x 19 x 24 P/N 60966	 2.5 x 23 x 28 P/N 60970
 2.5 x 11 x 16 P/N 60961	 2.5 x 16 x 21 P/N 60964	 2.5 x 20 x 25 P/N 60967	 2.5 x 24 x 29 P/N 60971
 2.5 x 12 x 17 P/N 60962	 2.5 x 17 x 22 P/N 60965	 2.5 x 21 x 26 P/N 60968	 2.5 x 25 x 30 P/N 60972

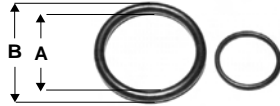
A27-54

TRAY FRONT



3MM METRIC O-RINGS ASSORTMENT

P/N 17972



FEATURES:

- Provides superior resistance to gasoline, motor oil, transmission oil, hydraulic fluids, anti-freeze, mild acids, mild alkalies and water
- Precision manufactured to exacting specifications – assuring maximum leakage protection
- Temperature range: -65°F to 300°F (-54°C to 149°C)
- Ideal for use in engines, equipment, fuel systems, carburetors, drain lines, etc.

480

<p>3 x 9 x 15 P/N 60976</p>	<p>3 x 22 x 28 P/N 60981</p>	<p>3 x 30 x 36 P/N 60988</p>	<p>3 x 38 x 44 P/N 60996</p>
<p>3 x 10 x 16 P/N 60977</p>	<p>3 x 24 x 30 P/N 60982</p>	<p>3 x 32 x 38 P/N 60990</p>	<p>3 x 39 x 45 P/N 60997</p>
<p>3 x 11 x 17 P/N 60978</p>	<p>3 x 25 x 31 P/N 60983</p>	<p>3 x 33 x 39 P/N 60991</p>	<p>3 x 42 x 48 P/N 60998</p>
<p>3 x 19 x 25 P/N 60979</p>	<p>3 x 27 x 33 P/N 60985</p>	<p>3 x 35 x 41 P/N 60993</p>	<p>3 x 45 x 51 P/N 60999</p>
<p>3 x 20 x 26 P/N 60980</p>	<p>3 x 28 x 34 P/N 60986</p>	<p>3 x 36 x 42 P/N 60994</p>	

A27-35

TRAY FRONT

REAMER ASSORTMENT








P/N 17976

FEATURES:

- "Spiral taper" frame and steel reamer for enlarging, finishing and making precision holes in sheet steel, frames, tubing, alloy and stainless steel sections
- 1/2" diameter shank with ground flats for non-slip chucking
- More cutting edges for smooth, fast precision cuts with less chance of chipping and galling

- Stop collar prevents over penetration for safer, faster operation
- Left hand spiral for easy entry and fast metal removal
- 5-flute design eliminates chattering and rough holes

8

 <p>1/4 P/N 91458</p>	 <p>5/8 P/N 91462</p>
 <p>5/16 P/N 91459</p>	 <p>3/4 P/N 91463</p>
 <p>3/8 P/N 91460</p>	 <p>7/8 P/N 91464</p>
 <p>1/2 P/N 91461</p>	 <p>1" P/N 91465</p>

A27-56

TRAY FRONT



HMMVV UPARMOR ASSORTMENT











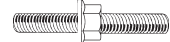





















FEATURES:

- Contains Chromate's high strength fasteners for lasting repairs
- Contains Vi-Loc Washers – the most reliable vibration resistant lock washer available – meets military specifications: MSN-5310-01-051-4149

P/N 17969



199

 <p>1/4 (6mm) Vi-Loc Washer P/N 6101</p> 	 <p>7/16-20 Alloy 200 Taper Lock Nut P/N 5815</p> 	 	 <p>1/4-20 x 5/8 Grade 8 HHCS Zinc Yellow P/N 40701</p> 
 <p>5/16 (8mm) Vi-Loc Washer P/N 6102</p> 	 <p>Oil Pan Stud P/N 530416</p> 		 <p>1/4-28 x 5/8 Grade 8 HHCS Zinc Yellow P/N 41001</p> 
 <p>3/8 (10mm) Vi-Loc Washer P/N 6103</p> 	 <p>8 x 16mm Grade 10.9 Metric HHCS P/N 67120</p> 		 <p>3/8-16 x 1 Grade 8 HHCS Zinc Yellow P/N 40756</p> 
 <p>3/8-16 Grade 8 Finished Hex Nut Zinc Yellow P/N 8928</p> 	 <p>10 x 20mm Grade 10.9 Metric HHCS P/N 67152</p> 		 <p>3/8-16 x 1-1/2 Grade 8 HHCS Zinc Yellow P/N 40759</p> 
 <p>3/8-16 Alloy 200 Taper Lock Nut P/N 6810</p> 	 <p>10 x 100mm Grade 10.9 Metric HHCS P/N 67174</p> 		 <p>3/8-16 x 2-1/4 Grade 8 HHCS Zinc Yellow P/N 40762</p> 

TRAY FRONT

A27-57



BLACK MAXI HAND FILE ASSORTMENT

FEATURES:

- Uniform in cut, permitting the removal of more metal, faster and easier
- Designed for greater performance and longer life

P/N 17841T

15



FILE CARD
P/N 15588



WOOD HANDLE
P/N 15556

10" SQUARE FILE
P/N 15542



WOOD HANDLE
P/N 15555

7" TAPER SAW FILE
P/N 15538



WOOD HANDLE
P/N 15555

10" ROUND FILE
P/N 15587



WOOD HANDLE
P/N 15556

10" HALF ROUND FILE
P/N 15591



WOOD HANDLE
P/N 15556

10" MILL BASTARD FILE
P/N 15581



WOOD HANDLE
P/N 15556

10" FLAT BASTARD FILE
P/N 15583



WOOD HANDLE
P/N 15556

10" SMOOTH FLAT FILE
P/N 15584

TRAY FRONT

A27-58



ZINC PLATED 2-EAR CLAMPS ASSORTMENT

FEATURES:

- 2-Ear design gives increased clamping range
- Sturdy design for good, permanent sealing
- Ideal for air and liquid lines
- Fast, simple, secure installation
- De-burred edges prevents damage to clamped parts
- Deformation of ears provides visual indication that clamp is closed

P/N 17999

176

Standard Jaw Pincers
P/N 66386



 5/16, 9 mm 2-Ear Clamp P/N 30117	 3/8, 11 mm 2-Ear Clamp P/N 30118	 1/2, 13 mm 2-Ear Clamp P/N 30119
 9/16, 15 mm 2-Ear Clamp P/N 30120	 5/8, 15 mm 2-Ear Clamp P/N 30121	 3/4, 20 mm 2-Ear Clamp P/N 30122
 7/8, 23 mm 2-Ear Clamp P/N 30123	 15/16, 25 mm 2-Ear Clamp P/N 30124	 1, 27 mm 2-Ear Clamp P/N 30125

A27-59

TRAY FRONT



HEX HEAD MULTI-SPLINE SCREW EXTRACTORS

FEATURES:

- Designed to remove broken studs, bolts, socket screws and fittings for high torque applications
- Aggressive left hand spiral design for extra gripping power

P/N 17053

25

 <p>HEX HEAD SIZE: 1/2" BOLT DIA.: #12 DRILL BIT DIA.: 1/8" P/N 22126</p>	 <p>HEX HEAD SIZE: 1/2" BOLT DIA.: 1/4" DRILL BIT DIA.: 5/32" P/N 22127</p>	 <p>HEX HEAD SIZE: 1/2" BOLT DIA.: 5/16" DRILL BIT DIA.: 3/16" P/N 22128</p>	 <p>HEX HEAD SIZE: 1/2" BOLT DIA.: 3/8" DRILL BIT DIA.: 7/32" P/N 22129</p>	 <p>HEX HEAD SIZE: 1/2" BOLT DIA.: 7/16" DRILL BIT DIA.: 1/4" P/N 22130</p>	 <p>HEX HEAD SIZE: 1/2" BOLT DIA.: 1/2" DRILL BIT DIA.: 9/32" P/N 22131</p>
 <p>HEX HEAD SIZE: 1/2" BOLT DIA.: 9/16" DRILL BIT DIA.: 5/16" P/N 22132</p>	 <p>HEX HEAD SIZE: 1/2" BOLT DIA.: 5/18" DRILL BIT DIA.: 11/32" P/N 22133</p>	 <p>HEX HEAD SIZE: 1/2" BOLT DIA.: 11/16" DRILL BIT DIA.: 3/8" P/N 22134</p>	 <p>HEX HEAD SIZE: 1/2" BOLT DIA.: 3/4" DRILL BIT DIA.: 13/32" P/N 22135</p>	 <p>HEX HEAD SIZE: 5/8" BOLT DIA.: 13/16" DRILL BIT DIA.: 7/16" P/N 22136</p>	 <p>HEX HEAD SIZE: 5/8" BOLT DIA.: 7/8" DRILL BIT DIA.: 15/32" P/N 22137</p>
 <p>HEX HEAD SIZE: 5/8" BOLT DIA.: 15/16" DRILL BIT DIA.: 1/2" P/N 22138</p>	 <p>HEX HEAD SIZE: 3/4" BOLT DIA.: 1" DRILL BIT DIA.: 17/32" P/N 22139</p>	 <p>HEX HEAD SIZE: 3/4" BOLT DIA.: 1-1/16" DRILL BIT DIA.: 9/16" P/N 22140</p>	 <p>HEX HEAD SIZE: 3/4" BOLT DIA.: 1-1/8" DRILL BIT DIA.: 19/32" P/N 22141</p>	 <p>HEX HEAD SIZE: 3/4" BOLT DIA.: 1-3/16" DRILL BIT DIA.: 5/8" P/N 22142</p>	 <p>HEX HEAD SIZE: 7/8" BOLT DIA.: 1-1/4" DRILL BIT DIA.: 21/32" P/N 22143</p>
 <p>HEX HEAD SIZE: 7/8" BOLT DIA.: 1-5/16" DRILL BIT DIA.: 11/16" P/N 22144</p>	 <p>HEX HEAD SIZE: 7/8" BOLT DIA.: 1-3/8" DRILL BIT DIA.: 23/32" P/N 22145</p>	 <p>HEX HEAD SIZE: 7/8" BOLT DIA.: 1-7/16" DRILL BIT DIA.: 3/4" P/N 22146</p>	 <p>HEX HEAD SIZE: 1" BOLT DIA.: 1-1/2" DRILL BIT DIA.: 25/32" P/N 22147</p>	 <p>HEX HEAD SIZE: 1" BOLT DIA.: 1-9/16" DRILL BIT DIA.: 13/16" P/N 22148</p>	 <p>HEX HEAD SIZE: 1" & 1" BOLT DIA.: 1-5/8" & 1-11/16" DRILL BIT DIA.: 27/32" & 7/8" P/N 22149 & 22150</p>

A27-80

TRAY FRONT

BOLT EXTRACTORS

FEATURES:

- When you are faced with a rounded-off, rusted-tight or painted-over bolt, bolt extractors will break it free
- Reverse spiral flutes are designed to bite down to provide maximum gripping power
- High carbon steel ensures longer life and greater durability
- Universal lobular design fits all types of fasteners
- 3/8" & 1/2" square drive for use with hand ratchets, impact wrenches, and air ratchets
- Hexagonal flats for use with flat wrench, pliers, adjustable wrench, sockets or IRWIN® VISE-GRIP® locking pliers

P/N 17054

18

 <p>REMOVES METRIC BOLT: N/A REMOVES FRACTIONAL BOLT: 1/4" DRIVE SIZE: 3/8" P/N 22151</p>	 <p>REMOVES METRIC BOLT: 8 mm REMOVES FRACTIONAL BOLT: 5/16" DRIVE SIZE: 3/8" P/N 22152</p>	 <p>REMOVES METRIC BOLT: N/A REMOVES FRACTIONAL BOLT: 3/8" DRIVE SIZE: 3/8" P/N 22153</p>	 <p>REMOVES METRIC BOLT: 10 mm REMOVES FRACTIONAL BOLT: N/A DRIVE SIZE: 3/8" P/N 22154</p>	 <p>REMOVES METRIC BOLT: 11 mm REMOVES FRACTIONAL BOLT: 7/16" DRIVE SIZE: 3/8" P/N 22155</p>	EXPANSION
 <p>REMOVES METRIC BOLT: 12 mm REMOVES FRACTIONAL BOLT: N/A DRIVE SIZE: 3/8" P/N 22156</p>	 <p>REMOVES METRIC BOLT: N/A REMOVES FRACTIONAL BOLT: 1/2" DRIVE SIZE: 3/8" P/N 22157</p>	 <p>REMOVES METRIC BOLT: 13 mm REMOVES FRACTIONAL BOLT: N/A DRIVE SIZE: 3/8" P/N 22158</p>	 <p>REMOVES METRIC BOLT: 14 mm REMOVES FRACTIONAL BOLT: 9/16" DRIVE SIZE: 3/8" P/N 22159</p>	 <p>REMOVES METRIC BOLT: 16 mm REMOVES FRACTIONAL BOLT: 5/8" DRIVE SIZE: 3/8" P/N 22160</p>	
 <p>REMOVES METRIC BOLT: 17 mm REMOVES FRACTIONAL BOLT: N/A DRIVE SIZE: 3/8" P/N 22161</p>	 <p>REMOVES METRIC BOLT: N/A REMOVES FRACTIONAL BOLT: 11/16" DRIVE SIZE: 3/8" P/N 22162</p>	 <p>REMOVES METRIC BOLT: 19 mm REMOVES FRACTIONAL BOLT: 3/4" DRIVE SIZE: 3/8" P/N 22163</p>	 <p>REMOVES METRIC BOLT: 19 mm REMOVES FRACTIONAL BOLT: 3/4" DRIVE SIZE: 1/2" P/N 22164</p>	 <p>REMOVES METRIC BOLT: 21 mm REMOVES FRACTIONAL BOLT: 13/16" DRIVE SIZE: 1/2" P/N 22165</p>	
 <p>REMOVES METRIC BOLT: 22 mm REMOVES FRACTIONAL BOLT: 7/8" DRIVE SIZE: 1/2" P/N 22166</p>	 <p>REMOVES METRIC BOLT: 24 mm REMOVES FRACTIONAL BOLT: 15/16" DRIVE SIZE: 1/2" P/N 22167</p>	 <p>REMOVES METRIC BOLT: N/A REMOVES FRACTIONAL BOLT: 1" DRIVE SIZE: 1/2" P/N 22168</p>	EXPANSION	EXPANSION	

A27-61

TRAY FRONT



CRIMPED END BRUSH ASSORTMENT

FEATURES:

- **Wire End Brushes** – High quality, oil tempered, crimped wire provides superior cutting characteristics and fatigue resistance while a standard 1/4" stem makes them perfect for use in portable air, electric and drill press chucks.
 - Use for weld cleaning, mold cleaning, deburring, polishing tools, dies and molds, removing rust and paint and spot painting.
- **Hand Scratch Brushes** – Constructed of heavy gauge wire embedded in a plastic and heavy duty hardwood handle.
 - Use for removing paint, rust, scale, solder chips and dirt and cleaning metal parts, threads, files, etc.

P/N 17967



12

  <p>Crimped End Brush 1/2" Dia. x 7/8 Trim x .014 Wire P/N 41320</p>	  <p>Crimped End Brush 3/4" Dia. x 7/8 Trim x .014 Wire P/N 41315</p>	  <p>Stem Mounted Brush 3" Dia. x .014 Wire P/N 41336</p>	 <p>S/S Shoe Handle Scratch Brush P/N 41312</p>
  <p>Circular Flared End Brush 1-1/2" Dia. x .006 Wire P/N 41325</p>	  <p>Hollow End Brush 1-3/4" Dia. x .0118 Wire P/N 41330</p>	 <p>S/S Small Scratch Brush P/N 41340</p>	
  <p>Circular Flared End Brush 3" Dia. x .008 Wire P/N 41326</p>	  <p>Stem Mounted Brush 2" Dia. x .0118 Wire P/N 41335</p>		

TRAY FRONT

A27.62



BRISTLE BRUSH ASSORTMENT














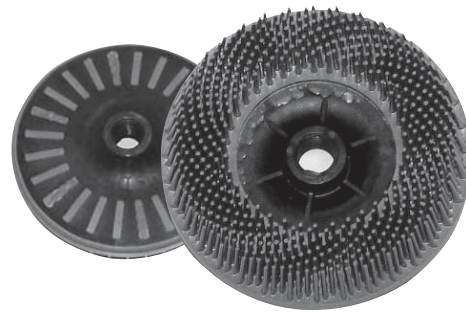

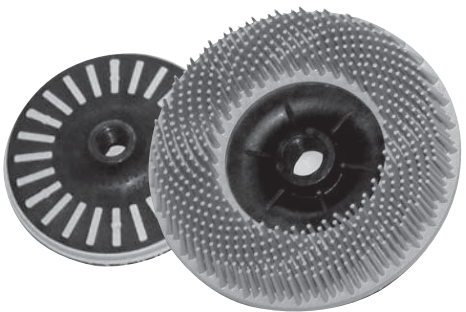

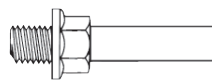






FEATURES:

- Ideal for cleaning, finishing, blending and deburring
- Use on corners, welds and other areas where extra conformability is required
- Ideal for cleaning rivets, welds and corners
- 50X Grade/Green, 80X Grade/Yellow

P/N 17694



18

  <p>1" x 50X GRADE GREEN BRISTLE BRUSH P/N 45689</p>	  <p>1" x 80X GRADE YELLOW BRISTLE BRUSH P/N 45694</p>	  <p>2" x 50X GRADE GREEN BRISTLE BRUSH P/N 45690</p>	  <p>2" x 80X GRADE YELLOW BRISTLE BRUSH P/N 45692</p>
  <p>3" x 50X GRADE GREEN BRISTLE BRUSH P/N 45691</p>	  <p>3" x 80X GRADE YELLOW BRISTLE BRUSH P/N 45693</p>	  <p>4.5" x 50X GRADE GREEN BRISTLE BRUSH P/N 45703</p>	  <p>4.5" x 80X GRADE YELLOW BRISTLE BRUSH P/N 45704</p>
  <p>1/4" QUICK-LOK THREADED SHAFT P/N 45630</p>	  <p>1" QUICK-LOK DISC PAD P/N 45634</p>	  <p>2" QUICK-LOK DISC PAD P/N 45638</p>	  <p>3" QUICK-LOK DISC PAD P/N 45642</p>

AZ7-63

TRAY FRONT



CONSTANT PRESSURE CLAMPS, SMALL SIZES























P/N 17679



FEATURES

- Maintains constant steady pressure 360° around the connection.
- Diameter Sizes: 13/16" to 3-1/16"

80

  <p>Size: 0016 Min/Max Dia. (mm): 21 to 33 (inch): 13/16 to 1-19/64 P/N 30280</p>	  <p>Size: 0022 Min/Max Dia. (mm): 29 to 43 (inch): 1-1/8 to 1-11/16 P/N 30283</p>	  <p>Size: 0032 Min/Max Dia. (mm): 39 to 59 (inch): 1-9/16 to 2-5/16 P/N 30286</p>	  <p>Size: 0040 Min/Max Dia. (mm): 46 to 71 (inch): 1-13/16 to 2-13/16 P/N 30289</p>
  <p>Size: 0019 Min/Max Dia. (mm): 27 to 35 (inch): 1-16 to 1-3/8 P/N 30281</p>	  <p>Size: 0024 Min/Max Dia. (mm): 30 to 46 (inch): 1-3/16 to 1-13/16 P/N 30284</p>	  <p>Size: 0034 Min/Max Dia. (mm): 41 to 62 (inch): 1-5/8 to 2-7/16 P/N 30287</p>	  <p>Size: 0044 Min/Max Dia. (mm): 52 to 78 (inch): 2-1/16 to 3-1/16 P/N 30290</p>
  <p>Size: 0020 Min/Max Dia. (mm): 26 to 40 (inch): 1 to 1-9/16 P/N 30282</p>	  <p>Size: 0028 Min/Max Dia. (mm): 34 to 52 (inch): 1-5/16 to 2-1/16 P/N 30285</p>	  <p>Size: 0036 Min/Max Dia. (mm): 43 to 65 (inch): 1-11/16 to 2-9/16 P/N 30288</p>	

TRAY FRONT

A27-64



TiN CARBIDE BURS, 12 PIECE SET

FEATURES

- Cylinder Shape (SA)
- Cylinder Radius End (SC)
- Ball Shape (SD)
- Oval Shape (SE)

P/N 17680



12

 <p>8 82503 11564 7</p> <p>CYLINDER SHAPE SA1 P/N 34354</p>	 <p>8 82503 11614 9</p> <p>CYLINDER RADIUS END SC3 P/N 34404</p>	 <p>8 82503 11641 5</p> <p>BALL SHAPE SD5 P/N 34431</p>	<p>EXPANSION</p>
 <p>8 82503 11569 2</p> <p>CYLINDER SHAPE SA3 P/N 34359</p>	 <p>8 82503 11620 0</p> <p>CYLINDER RADIUS END SC5 P/N 34410</p>	 <p>8 82503 11651 4</p> <p>OVAL SHAPE SE1 P/N 34441</p>	<p>EXPANSION</p>
 <p>8 82503 11575 3</p> <p>CYLINDER SHAPE SA5 P/N 34365</p>	 <p>8 82503 11633 0</p> <p>BALL SHAPE SD1 P/N 34423</p>	 <p>8 82503 11653 8</p> <p>OVAL SHAPE SE3 P/N 34443</p>	<p>EXPANSION</p>
 <p>8 82503 11609 5</p> <p>CYLINDER RADIUS END SC1 P/N 34399</p>	 <p>8 82503 11637 8</p> <p>BALL SHAPE SD3 P/N 34427</p>	 <p>8 82503 11656 9</p> <p>OVAL SHAPE SE5 P/N 34446</p>	<p>EXPANSION</p>

A27-66

TRAY FRONT



TiN CARBIDE BURS, 12 PIECE SET

FEATURES

- Tree Shape Radius End (SF)
- Tree Shape (SG)
- 14° Taper Radius End (SL)
- Cone Shape (SM)

P/N 17681



12

 <p>TREE SHAPE RADIUS END SF1 P/N 34455</p>	 <p>TREE SHAPE SG3 P/N 34476</p>	 <p>14° TAPER RADIUS END SL4 P/N 34497</p>	EXPANSION	
 <p>TREE SHAPE RADIUS END SF3 P/N 34458</p>	 <p>TREE SHAPE SG5 P/N 34479</p>	 <p>CONE SHAPE SM2 P/N 34508</p>		EXPANSION
 <p>TREE SHAPE RADIUS END SF5 P/N 34463</p>	 <p>14° TAPER RADIUS END SL1 P/N 34491</p>	 <p>CONE SHAPE SM4 P/N 34510</p>		
 <p>TREE SHAPE SG1 P/N 34473</p>	 <p>14° TAPER RADIUS END SL3 P/N 34494</p>	 <p>CONE SHAPE SM5 P/N 34511</p>		EXPANSION

A27-66

TRAY FRONT



CONSTANT PRESSURE CLAMPS, MEDIUM SIZES

P/N 17678



FEATURES

- Maintains constant steady pressure 360° around the connection.
- Diameter Sizes: 2-3/16" to 4-1/16"



Size: 0048
 Min/Max Dia. (mm): 56 to 84 (inch): 2-3/16 to 3-5/16
 P/N 30291



Size: 0052
 Min/Max Dia. (mm): 60 to 91 (inch): 2-3/8 to 3-9/16
 P/N 30292



Size: 0056
 Min/Max Dia. (mm): 64 to 97 (inch): 2-1/2 to 3-13/16
 P/N 30293



Size: 0060
 Min/Max Dia. (mm): 68 to 103 (inch): 2-11/16 to 4-1/16
 P/N 30294

TRAY FRONT

20

A27-67



CONSTANT PRESSURE CLAMPS, LARGE SIZES

P/N 17677



FEATURES

- Maintains constant steady pressure 360° around the connection.
- Diameter Sizes: 2-13/16" to 5-13/16"

18



Size: 0064
Min/Max Dia. (mm): 71 to 110 (inch): 2-13/16 to 4-5/16
P/N 30295



Size: 0072
Min/Max Dia. (mm): 81 to 122 (inch): 3-3/16 to 4-13/16
P/N 30296



Size: 0080
Min/Max Dia. (mm): 90 to 135 (inch): 3-9/16 to 5-5/16
P/N 30297



Size: 0088
Min/Max Dia. (mm): 97 to 148 (inch): 3-13/16 to 5-13/16
P/N 30298

TRAY FRONT

A27-68



QUICK-LOK™ SURFACE CONDITIONING DISCS VERY FINE/MED/COARSE (2" & 3" DIA.)

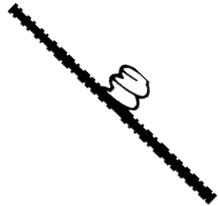
P/N 17076

FEATURES:

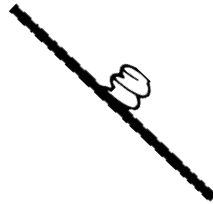
- Non-woven nylon, impregnated with abrasive particles, provides a bur-free surface suitable for painting or coating
- Ideal for rust, oxide and coating removal



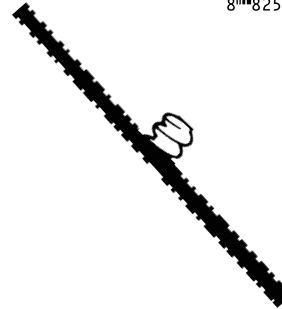
34



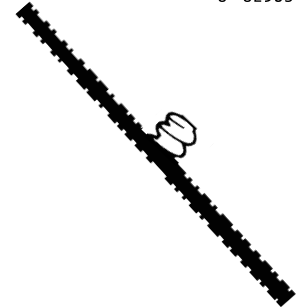
2" SURFACE CONDITIONING DISC
VERY FINE (BLUE)
P/N 45683



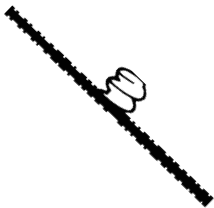
2" SURFACE CONDITIONING DISC
COARSE (BROWN)
P/N 45682



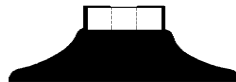
3" SURFACE CONDITIONING DISC
VERY FINE (BLUE)
P/N 45684



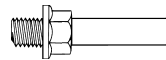
3" SURFACE CONDITIONING DISC
COARSE (BROWN)
P/N 45686



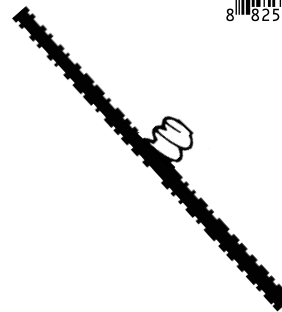
2" SURFACE CONDITIONING DISC
MEDIUM (MAROON)
P/N 45681



2" BACK-UP PAD
P/N 45638



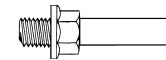
1/4" THREADED SHAFT
P/N 45630



3" SURFACE CONDITIONING DISC
MEDIUM (MAROON)
P/N 45685



3" BACK-UP PAD
P/N 45642



1/4" THREADED SHAFT
P/N 45630



A27-69

TRAY FRONT



3M ROLOC™ DISCS (2" DIAMETER) CERAMIC CLOSED COAT ABRASIVE GRAIN

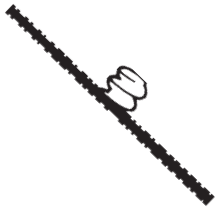
P/N 17078

FEATURES:

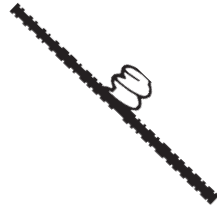
- 24, 60, 80, 120 Grades (Grits)
- Durable cloth backing



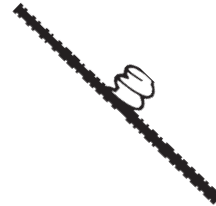
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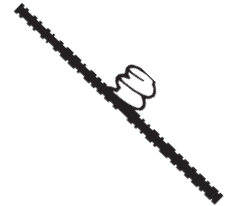
2" ROLOC™ DISC
24 GRIT (BLACK)
P/N 45600



2" ROLOC™ DISC
60 GRIT (ORANGE)
P/N 45602



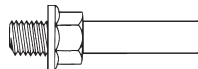
2" ROLOC™ DISC
80 GRIT (YELLOW)
P/N 45603



2" ROLOC™ DISC
120 GRIT (WHITE)
P/N 45604



2" BACK-UP PAD
P/N 45638



1/4" THREADED SHAFT
P/N 45630

EXPANSION

EXPANSION

A27-70

TRAY FRONT



3M ROLOC™ DISCS (3" DIAMETER) CERAMIC CLOSED COAT ABRASIVE GRAIN

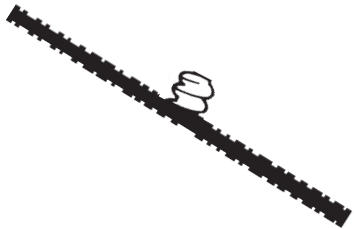
P/N 17079

FEATURES:

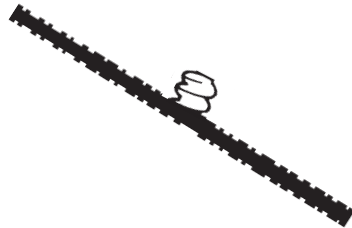
- 24, 60, 80, 120 Grades (Grits)
- Durable cloth backing



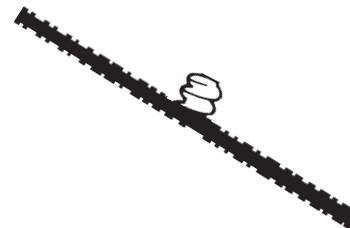
22



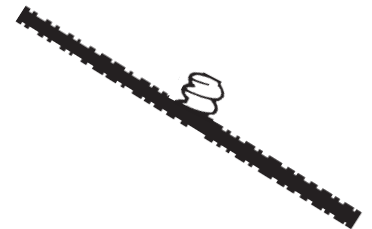
3" ROLOC™ DISC
24 GRIT (BLACK)
P/N 45605



3" ROLOC™ DISC
60 GRIT (ORANGE)
P/N 45607



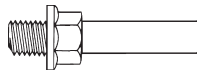
3" ROLOC™ DISC
80 GRIT (YELLOW)
P/N 45608



3" ROLOC™ DISC
120 GRIT (WHITE)
P/N 45609



3" BACK-UP PAD
P/N 45642



1/4" THREADED SHAFT
P/N 45630

EXPANSION

EXPANSION

A27-71

TRAY FRONT



3M ROLOC™ DISCS (2" & 3" DIAMETER) CERAMIC CLOSED COAT ABRASIVE GRAIN

P/N 17080

FEATURES:

- 24, 60, 80, 120 Grades (Grits)
- Durable cloth backing



22

<p>2" ROLOC™ DISC 24 GRIT (BLACK) P/N 45600</p>	<p>2" ROLOC™ DISC 60 GRIT (ORANGE) P/N 45602</p>	<p>2" ROLOC™ DISC 80 GRIT (YELLOW) P/N 45603</p>	<p>2" ROLOC™ DISC 120 GRIT (WHITE) P/N 45604</p>
<p>3" ROLOC™ DISC 24 GRIT (BLACK) P/N 45605</p>	<p>3" ROLOC™ DISC 60 GRIT (ORANGE) P/N 45607</p>	<p>3" ROLOC™ DISC 80 GRIT (YELLOW) P/N 45608</p>	<p>3" ROLOC™ DISC 120 GRIT (WHITE) P/N 45609</p>
<p>2" BACK-UP PAD P/N 45638</p>	<p>1/4" THREADED SHAFT P/N 45630</p>	<p>3" BACK-UP PAD P/N 45642</p>	<p>1/4" THREADED SHAFT P/N 45630</p>

A27-72

TRAY FRONT



FLAP DISCS / TYPE 27, ZIRCONIA ALUMINA

P/N 17666



FEATURES

- 40, 60, 80, and 120 Grits
- Recommended for aggressive use and heavy duty applications
- Special optimized resin bond offers maximum cutting capacity, strong edge stability and long life.
- Type 27 - For working on flat grinding surfaces. The best choice for smooth finishing.

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4-1/2" x 7/8"
40 GRIT
P/N 33970



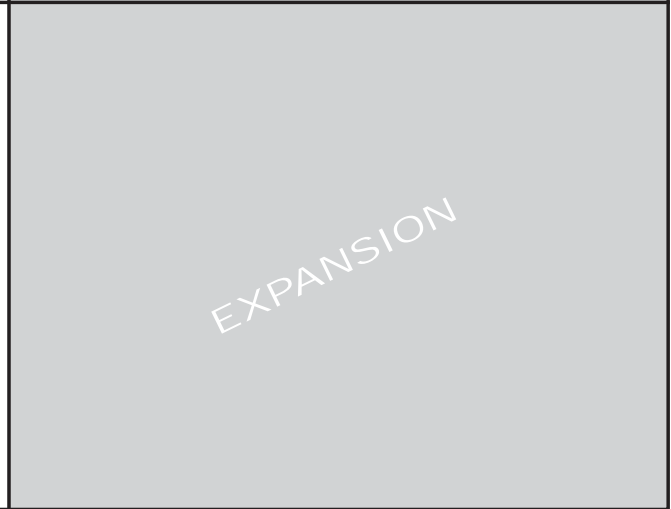
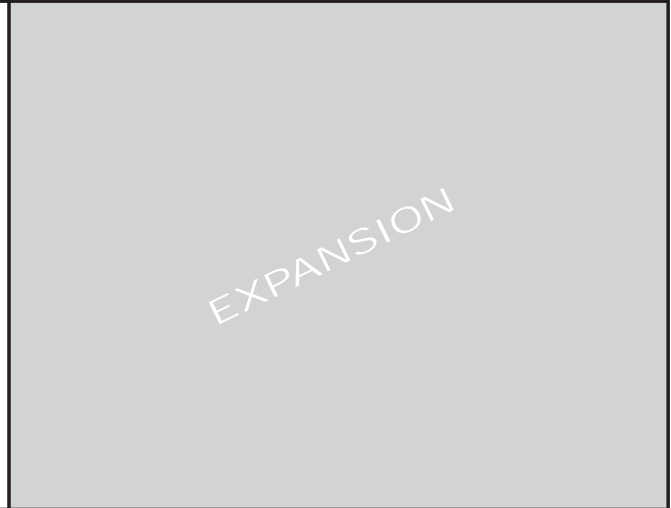
4-1/2" x 7/8"
60 GRIT
P/N 33971



4-1/2" x 7/8"
80 GRIT
P/N 33972



4-1/2" x 7/8"
120 GRIT
P/N 33973



TRAY FRONT

A27-73






FLAP DISCS / TYPE 29, ZIRCONIA ALUMINA

P/N 17667

FEATURES

- 40, 60, 80, and 120 Grits
- Recommended for aggressive use and heavy duty applications
- Special optimized resin bond offers maximum cutting capacity, strong edge stability and long life.
- Type 29 - For working on contoured and edge work. Flaps are angled at 8 degrees for greater surface contact and aggressive use.



 <p>8 82503 12250 8</p> <p>4-1/2" x 7/8" 40 GRIT P/N 33980</p>	 <p>8 82503 12251 5</p> <p>4-1/2" x 7/8" 60 GRIT P/N 33981</p>	<p>EXPANSION</p>
 <p>8 82503 12252 2</p> <p>4-1/2" x 7/8" 80 GRIT P/N 33982</p>	 <p>8 82503 12253 9</p> <p>4-1/2" x 7/8" 120 GRIT P/N 33983</p>	<p>EXPANSION</p>

TRAY FRONT

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A27-74



FLAP DISCS / TYPE 27 XL, ZIRCONIA ALUMINA

FEATURES

- 40, 60, 80, and 120 Grits
- Recommended for aggressive use and heavy duty applications
- Special optimized resin bond offers maximum cutting capacity, strong edge stability and long life.
- Type 27 - For working on flat grinding surfaces. The best choice for smooth finishing.
- High Density (XL) - Approximately 35-55% more material than regular Z3 flap discs.

P/N 17668



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4-1/2" x 7/8"
40 GRIT
P/N 33975



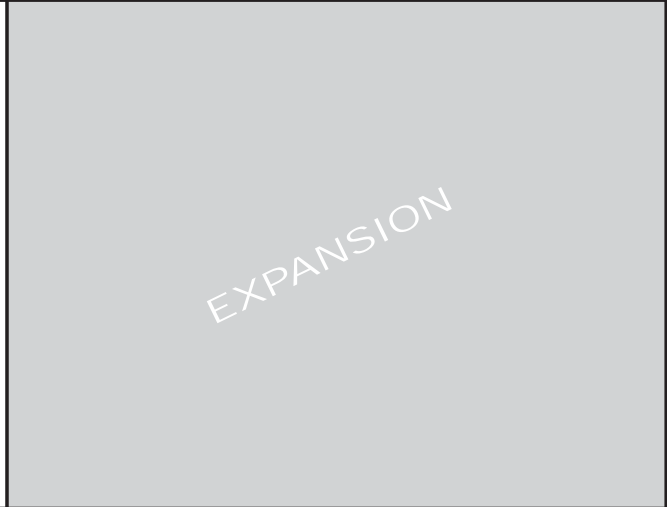
4-1/2" x 7/8"
60 GRIT
P/N 33976



4-1/2" x 7/8"
80 GRIT
P/N 33977



4-1/2" x 7/8"
120 GRIT
P/N 33978



TRAY FRONT

A27-75



FLAP DISCS / TYPE 29 XL, ZIRCONIA ALUMINA

P/N 17669

FEATURES

- 40, 60, 80, and 120 Grits
- Recommended for aggressive use and heavy duty applications
- Special optimized resin bond offers maximum cutting capacity, strong edge stability and long life.
- Type 29 - For working on contoured and edge work. Flaps are angled at 8 degrees for greater surface contact and aggressive use.
- High Density (XL) - Approximately 35-55% more material than regular Z3 flap discs.



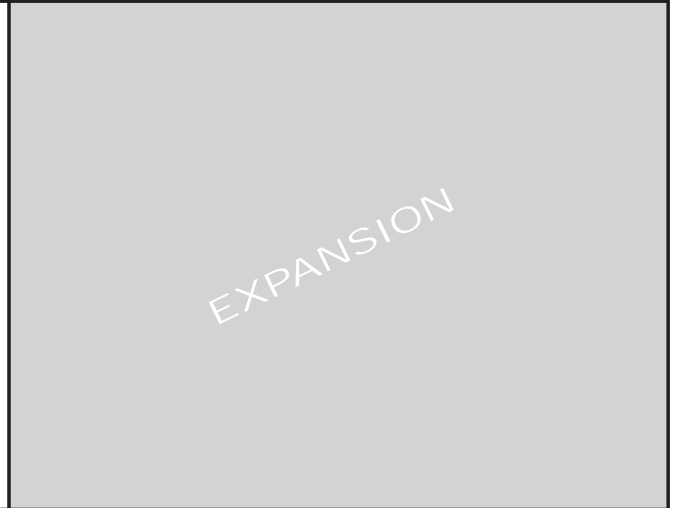
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4-1/2" x 7/8"
40 GRIT
P/N 33985



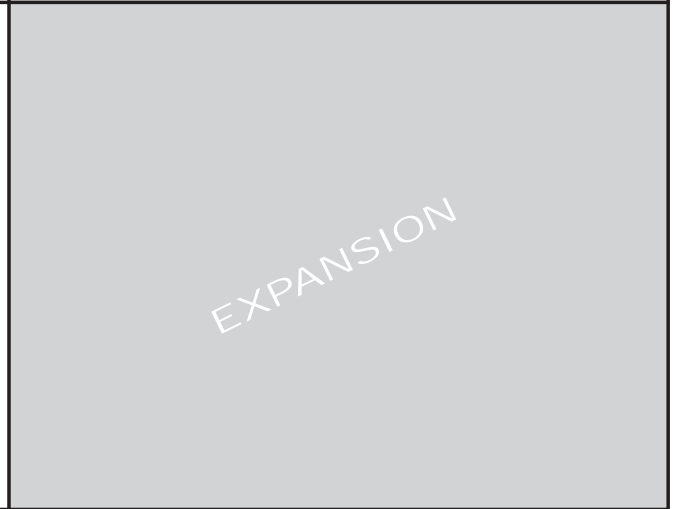
4-1/2" x 7/8"
60 GRIT
P/N 33986



4-1/2" x 7/8"
80 GRIT
P/N 33987



4-1/2" x 7/8"
120 GRIT
P/N 33988



TRAY FRONT

A27-76