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# TOOLS

## SECTION

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# 13

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ALLIED REFRIGERATION INC. EST. 1934  
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## Power-Return Steel Rules



| PART#  | BLADE LENGTH | WIDTH   |
|--------|--------------|---------|
| 922-12 | 12'          | 1 Gal.  |
| 922-16 | 16'          | 5 Gal.  |
| 922-30 | 30'          | 55 Gal. |

## Leather Tool Pouch



| PART# | DESCRIPTION                 |
|-------|-----------------------------|
| 5164  | 8-pocket leather tool pouch |

## Leather Tool Pouch



| PART# | DESCRIPTION              |
|-------|--------------------------|
| 5225  | Adjustable web tool belt |

## Wire Strippers/Cutters



- Compact, lightweight wire-stripping and cutting tools.
- Narrow nose fits into tight places.
- Hardened steel with precision ground stripping holes.
- Do not use for cutting steel wire or bolts.

| PART# | OVERALL LENGTH | STRIPS & CUTS     |
|-------|----------------|-------------------|
| 5225  | 6-1/4"         | 10 – 18 AWG solid |

## Cushion-Grip Scratch Awl



- Professional, heavy-duty, hard-pointed awl.
- Scribes metal, starts screw holes, performs a variety of piercing and punching jobs.
- Rigid, chrome-plated, heat-treated, tempered-steel shank has full reinforcing bolster at handle for extra strength and for handle impact reinforcement.
- Internal flanges provide solid shank anchor.
- Cushion-Grip handle allows for greater comfort.

| PART# | OVERALL LENGTH | BLADE LENGTH |
|-------|----------------|--------------|
| 650   | 7-7/8"         | 3-1/2"       |

## Leather Driver's Gloves



- Tough, durable, sueded cowhide leather.
- Easy-action thumb – unique design allows leather to conform to your thumb and hand.
- Gunn cut with seams away from wear surfaces.
- Lap-seam index finger and shirred-elastic wrist back.

| PART# | GLOVE SIZE |
|-------|------------|
| 40004 | MED.       |
| 40006 | LRG.       |

## Hard Hat



- High-density polyethylene hard caps meet ANSI Z89.1–1986 specifications for Class A, B, and C applications.
- Unique nape strap holds hat firmly in place.
- Washable, shrink-and stretch-proof straps and bands.
- Porous brow pad promotes ventilation for comfort.
- Caps adjust to fit all sizes.
- Full 6-point headgear suspension.
- Headband clips help hold goggles in place over eyes or on front of cap.
- Rain trough helps keep neck dry.
- Slots at sides for attaching Cat. No. 60060 face shield and other protective gear.
- Cotton-twill cap liner has orlon-pile lining for warmth.
- Washable, pre-shrunk, and flame retardant.
- Non-metallic Velcro® fasteners and adjustable chin straps.

| PART# | DESCRIPTION                   |
|-------|-------------------------------|
| 60010 | Yellow hard cap with headgear |

## (K7) 7- Piece Nut Driver Set



(K7 KIT)

- Set contains seven hollow-shaft nut drivers in the most popular hex sizes.
- Convenient vinyl pouch hangs up, rolls up.
- Drivers included in the K7 Kit are listed below



| PART# | HANDLE COLOR | HEX SIZE | OVERALL LENGTH |
|-------|--------------|----------|----------------|
| S6    | black        | 3/16"    | 6-5/8"         |
| S8    | red          | 1/4"     | 6-5/8"         |
| S10   | amber        | 5/16"    | 6-5/8"         |
| S11   | green        | 11/32"   | 6-5/8"         |
| S12   | blue         | 3/8"     | 6-5/8"         |
| S14   | brown        | 7/16"    | 7"             |
| S16   | red          | 1/2"     | 7"             |

## Individual Nut Drivers



- Hollow-shaft nut drivers



| PART# | HANDLE COLOR | HEX SIZE | OVERALL LENGTH |
|-------|--------------|----------|----------------|
| S8    | red          | 1/4"     | 6-5/8"         |
| S10   | amber        | 5/16"    | 6-5/8"         |
| S12   | blue         | 3/8"     | 6-5/8"         |

## Dual-Purpose Hacksaw Golden Tri-Cut 3-in-1 Blade



- Blade has three teeth sizes.
- Blade converts quickly to 90° or 45° for standard or flush-cut applications.
- Pivot-lock adjusts blade tension for straighter cuts and longer blade life.
- Set screw allows for storage of extra blades and secures blade for "jab" sawing.
- Aluminum finger grip handle and front end.
- Thumb guard for two-hand sawing.

| PART# | BLADE LENGTH | OVERALL LENGTH |
|-------|--------------|----------------|
| 701-S | 12"          | 16"            |

## Bi-Metal Blades



- Special high-speed steel teeth fused to regular carbon-steel body provide superior cutting and longer life.
- Withstands greater saw tension for less blade flexing.

| PART#  | PACK SIZE | TEETH PER INCH | LENGTH |
|--------|-----------|----------------|--------|
| 1224BI | 100-pack  | 24             | 12"    |

## Multi-Purpose Electrician's Tool — 8-22 AWG



- Two wire cutters—one at tip, the other halfway back near stripping holes double the utility of this tool.
- Crimps 7-8 mm insulated and non-insulated terminals, lugs and splices.
- Cuts and strips 8-22 AWG solid and 10-26 AWG stranded wire.
- Cleanly shears bolts.
- Pivot nut adjusts tension.
- Left- and right-hand wire-looping holes near tip.
- Full-sized, plastic-covered cushioned handles for comfort.
- Wire cutter in nose and below pivot.
- Crimping dies color-coded for easy identification.

| PART# | STRIPS                                   | BOLTS                             | OVERALL LENGTH |
|-------|--|-----------------------------------|----------------|
| 1001  | 10 – 26 AWG stranded<br>8 – 22 AWG solid | 4-40, 6-32, 8-32,<br>10-24, 10-32 | 8-1/2"         |

## Adjustable Wire Strippers/Cutters Solid and Stranded Wire



- A handy, light, compact tool for stripping insulation.
- Convenient hole for looping or bending wire.
- Cuts, strips, and loops 12-26 solid and stranded wire.
- Adjustable slide stop with set screw for repeat stripping work.

| PART# | STRIPS & CUTS                | OVERALL LENGTH |
|-------|------------------------------|----------------|
| 1004  | 12 – 26 AWG solid & stranded | 5"             |

## Long-Nose Multi-Purpose Tool



- Easily cuts and strips wire.
- Narrow, serrated pliers nose to pull, loop, and bend wire.
- Long, curved cutting blade.
- Cutters and strippers are in front of the pivot for maximum ease-of-use in reaching into tight places.
- Crimps insulated and non-insulated terminals and 7 to 8 mm ignition terminals.
- Cleanly shears bolts. 4-40, 5-40, 6-32, 8-32, 10-32, 10-24

| PART# | STRIPS & CUTS | CONNECTORS    | OVERALL LENGTH |
|-------|---------------|---------------|----------------|
| 1010  | 10 – 22 AWG   | 10 – 22 gauge | 8-1/4"         |

## Cabinet-Tip Screwdrivers – Round-Shanks



- Small-diameter shank for use in recessed holes or tight places.
- Well-suited for electrical and telecommunications work.



| PART#  | TIP WIDTH | SHANK LENGTH |
|--------|-----------|--------------|
| A316-4 | 3/16"     | 4"           |

## Profilated Phillips-Tip Screwdrivers Round-Shanks



- Oversized handle is 35% larger than comparable screwdriver handles.
- Delivers up to 50% extra power to perform tough jobs with minimum effort.



| PART#  | POINT SIZE | SHANK LENGTH |
|--------|------------|--------------|
| A316-4 | 3/16"      | 4"           |

## Keystone-Tip Screwdrivers – Round-Shanks



- Oversized handle is 35% larger than comparable screwdriver handles.
- Delivers up to 50% extra power to perform tough jobs with minimum effort.



| PART# | TIP WIDTH | SHANK LENGTH |
|-------|-----------|--------------|
| BD144 | 1/4"      | 4"           |
| BD156 | 5/16"     | 6"           |

## Keystone-Tip Screwdrivers – Square-Shanks



- Oversized handle is 35% larger than comparable screwdriver handles.
- Delivers up to 50% extra power to perform tough jobs with minimum effort.



| PART# | TIP WIDTH | SHANK LENGTH |
|-------|-----------|--------------|
| BD144 | 1/4"      | 4"           |
| BD156 | 5/16"     | 6"           |

## Insulated Standard Long-Nose Pliers Side-Cutting



- Individually tested to exceed standards.
- Induction hardened cutting knives for long life.
- Knurled jaws for sure wrapping and looping.
- Curved handles provide greater tool control.

| PART#  | OVERALL LENGTH | KNIFE LENGTH |
|--------|----------------|--------------|
| D203-6 | 6-7/8"         | 1/2"         |

## Insulated Heavy-Duty Diagonal-Cutting Pliers Tapered Nose



- Individually tested to exceed standards.
- Heavy-duty tapered nose design.
- One-inch deep jaws easily reach into confined spaces.

| PART#  | OVERALL LENGTH | JAW LENGTH |
|--------|----------------|------------|
| 1224BI | 7-7/8"         | 1"         |

## Pump Pliers



- Secure tongue and groove design for non-slip grip, even with heavy pressure.
- Wide range of versatile jaw positions.

| PART#   | OVERALL LENGTH | JAW LENGTH |
|---------|----------------|------------|
| D502-10 | 10"            | 1-3/4"     |
| D502-12 | 12-1/4"        | 2-3/8"     |

## Adjustable Wrenches — Standard Capacity



- Plastic-dipped handles for added comfort.
- Forged heat-treated alloy steel for maximum strength and light weight.
- High polish chrome finish.

| PART#  | OVERALL LENGTH | JAW LENGTH |
|--------|----------------|------------|
| D506-4 | 4-1/2"         | 1/2"       |

## Adjustable Wrenches — Extra Capacity



- Extra capacity allows use of a smaller size wrench to handle bigger jobs, especially in confined spaces.
- Forged heat-treated alloy steel for maximum strength and light weight.
- High polish chrome finish.

| PART#   | OVERALL LENGTH | JAW LENGTH |
|---------|----------------|------------|
| D507-6  | 6-1/4"         | 15/16"     |
| D507-8  | 8-1/4"         | 1-1/8"     |
| D507-10 | 10-1/4"        | 1-5/16"    |
| D507-12 | 12-1/4"        | 1-1/2"     |

## Combination Pliers



• With two-colour dual component handles

| PART#       | LENGTH |
|-------------|--------|
| KN0202-9SBA | 9"     |

## Electricians' Pliers



| PART#         | LENGTH |
|---------------|--------|
| KN1301-614SBA | 8"     |

## Electricians' Pliers



| PART#       | LENGTH |
|-------------|--------|
| KN2611-8SBA | 8"     |

## High Leverage Diagonal Cutters



| PART#       | LENGTH |
|-------------|--------|
| KN7401-8SBA | 8"     |

## High Leverage Diagonal Cutters

The HiTech Water Pump Pliers



| PART#        | LENGTH |
|--------------|--------|
| KN8701-7BKA  | 7"     |
| KN8701-10BKA | 10"    |
| KN8701-12BKA | 12"    |

## Witte Werkzeuge "Protop VDE"

Insulated Screw Driver Set



| PART#  | LENGTH |
|--------|--------|
| 120742 | 8"     |

## 6-in-1 Screwdriver



| PART# | DESCRIPTION                     |
|-------|---------------------------------|
| 72151 | Includes 6 Interchangeable bits |
| 72088 | Small bit for 72151             |
| 70410 | Large bit for 72151             |

## Filter Grabber



| PART#   | DESCRIPTION        |
|---------|--------------------|
| 6820317 | Filter box grabber |

## HUB & BLADE PULLER

ULTIMATE PULLER



- Fan Blade Hub, Pulley and Blower Wheel Puller
- Narrow neck design centers the tool's pulling bolt evenly on the motor shaft
- Won't Damage Blades or Wheels
- Accommodates 5/8" belt drive and 1/2" or less drive motor shafts
- Unique set screws can be used for both a wrench and hex key
- Sight holes for aligning puller on motor shafts

| PART# |
|-------|
| UP1   |

## Aviation Snips - Offset - Max2000



| PART# | APPLICATION       | CUT LENGTH | REPL. BLADES |
|-------|-------------------|------------|--------------|
| M2006 | SHARP L, STRAIGHT | 1-1/4"     | 10-3/4"      |
| M2007 | SHARP R, STRAIGHT | 1-1/4"     | 10-3/4"      |

## Hand Notchers



| PART# | CUT ANGLE | LENGTH |
|-------|-----------|--------|
| N1    | 30°       | 8"     |

## Hand Seamers with Forged Steel Jaws



| PART# | JAW WIDTH | JAW DEPTH | LENGTH |
|-------|-----------|-----------|--------|
| S2    | 3-1/4"    | 1-1/4"    | 8"     |
| S3    | 3-1/4"    | 1-1/4"    | 8"     |
| S6    | 6"        | 1-1/4"    | 8"     |

## Sheet Metal Hammer - Setting



| PART# | HEAD WEIGHT | HEAD LENGTH | FACE SIZE |
|-------|-------------|-------------|-----------|
| S2    | 3-1/4"      | 3-1/4"      | 7/8"      |
| S3    | 3-1/4"      | 3-1/4"      | 3/4"      |

## Turbo Shear



- Individually tested to exceed standards.
- Induction hardened cutting knives for long life.
- Knurled jaws for sure wrapping and looping.
- Curved handles provide greater tool control.

| PART# | CAPACITY                              |
|-------|---------------------------------------|
| TSHD  | 18 gauge capacity in galvanized steel |

## Divider



| PART# | DESCRIPTION                 | LENGTH |
|-------|-----------------------------|--------|
| 18    | Maximum diameter circle 32" | 11"    |

## Wood Cutting Blades - BiMetal



| PART# | DESCRIPTION                 | LENGTH |
|-------|-----------------------------|--------|
| 18    | Maximum diameter circle 32" | 11"    |

## Steel Cutting Blades - BiMetal



| PART# | L x W x THICKNESS | TEETH PER IN. |
|-------|-------------------|---------------|
| 3TF18 | 4" x 3/4" x .031" | 18"           |
| 4TF14 | 6" x 3/4" x .031" | 14"           |
| 4TF18 | 6" x 3/4" x .031" | 18"           |

## Metal Cutting Blades - BiMetal



| PART# | L x W x THICKNESS | TEETH PER IN. |
|-------|-------------------|---------------|
| 4MC24 | 6" x 3/4" x .031" | 24"           |

## Plaster Cutting Blades - BiMetal



| PART# | L x W x THICKNESS | TEETH PER IN. |
|-------|-------------------|---------------|
| 4P6   | 6" x 3/4" x .049" | 6"            |

## Crimper - 5-Blade



| PART# | THROAT DEPTH | LENGTH |
|-------|--------------|--------|
| C5    | 1 5/8"       | 9 5/8" |

## Regular Grip Screwdrivers



| PART# | DESCRIPTION                  | BLADE LENGTH |
|-------|------------------------------|--------------|
| C22M  | Electrical style with magnet | 2"           |

## Aluminum Handled Snip



| PART# | LENGTH OF CUT | LENGTH | REPL. BLADES |
|-------|---------------|--------|--------------|
| M14N  | 3-1/4"        | 14"    | M14NRB       |

## Utility Knife & Blades



| PART# | DESCRIPTION             |
|-------|-------------------------|
| 3PK   | Utility Knife           |
| CSB5  | Utility Blades (5 Pack) |

## Double Edge Duct Knife



• Sheath available, part #TP301

| PART# | DESCRIPTION            |
|-------|------------------------|
| DK1   | Double Edge Duct Knife |

## Cushioned-Gripped Duct Knife (Serrated)



| PART# | DESCRIPTION                             |
|-------|---|
| DK6S  | Cushioned-Gripped Duct Knife (Serrated) |

## Hole Cutters



| PART# | HOLE DIA. | CAPACITY |
|-------|-----------|----------|
| HC1   | 2-12"     | 20 GA.   |
| HC2   | 2-20"     | 20 GA.   |

## Cutter Bit



| PART# | DESCRIPTION                        |
|-------|------------------------------------|
| CB    | Mill type cutter bit for HC1 & HC2 |

## Hex Drivers - Magnetic



| PART# | HEX OPENING | SHANK DIA. | NOSE DIA. | LENGTH  |
|-------|-------------|------------|-----------|---------|
| HHD1  | 1/4"        | 5/16"      | 7/16"     | 10-1/8" |
| HHD2  | 5/16"       | 5/16"      | 1/2"      | 10-1/8" |

## Level - Magnetic Base



| PART# | LENGTH | No. OF VIALS |
|-------|--------|--------------|
| L9M   | 9"     | 3            |

## Aviation Snips - Max2000



| PART# | APPLICATION         | CUT LENGTH | REPL. BLADES |
|-------|---------------------|------------|--------------|
| M2001 | Cuts Left           | 1-3/8"     | 10-3/4"      |
| M2002 | Cuts Right          | 1-3/8"     | 10-3/4"      |
| M2003 | Cuts L, R, Straight | 1-11/16"   | 10-3/4"      |

## SHEET METAL TOOLS

### HAND NOTCERS



- Makes a clean 30° "V" shaped cut in sheet metal.
- 13/16" maximum throat depth.
- Hook design of cutting jaw facilitates notching to desired depth without slipping.
- Rust resistant nickel finishes.

#### PART#

N1

## TENSIONING TOOL

### ADJUSTABLE, HIGH LEVERAGE



- Tensioning Adjustment Knob
- Automatic Cut-Off Mechanism
- Hardened Steel Stampings
- Nickel Chrome Finish

#### PART#

TY6

## FLEX DUCT CUTTER



- Double-edged blade cleanly pierces through outer skin and insulation.
- Finely honed blade is long lasting stainless steel.
- Built-in Wire Cutter cuts hardened wire rib coil.

#### PART#

FDC1

#### DESCRIPTION

Flex Duct Cutter

TP601

Leather Sheath for FDC1

## Double Edge Duct Knife



- Sheath available, part #TP301

#### PART#

DK1

#### DESCRIPTION

Double Edge Duct Knife

## Wiss M7R Offset Aviation Snips



#### PART#

25631

#### DESCRIPTION

Cuts left and straight. Cuts up to 18ga.

## Wiss M6R Offset Aviation Snips



#### PART#

25632

#### DESCRIPTION

Cuts left and straight. Cuts up to 18ga.

## Wiss M3R Offset Aviation Snips



#### PART#

25633

#### DESCRIPTION

Cuts left, right and straight. Cutting capacity 18 ga.

## CURVED JAW LOCKING PLIERS



#### PART#

25691

#### DESCRIPTION

Locking Pliers

## PINCH OFF TOOL



#### PART#

25697

#### DESCRIPTION

Locking Pliers

## LIFT Frankler Glasses



### Available Lens Color – Clear & Smoke

- 4-point vertical ear and temple adjustment
- co-molded soft rubber temple tail section
- translucent polycarbonate frame with integrated side shields
- impact resistant polycarbonate lenses
- Impact protection meets ANSI Z87.1 specifications
- protective storage bag included.
- 99.9% UV Protection

| PART#   | TYPE  |
|---------|-------|
| EFR-6C  | Clear |
| EFR-6ST | Smoke |

## LIFT Sectorlite Glasses



### Available Lens Color – Clear & Smoke

- super lightweight and flexible polycarbonate frame construction
- soft rubber temple tail inserts and nose bridge
- contour lens enhances peripheral coverage
- impact resistant polycarbonate lenses
- impact protection meets ANSI Z87.1 and CSA Z94.3 specifications
- protective storage bag included
- 99.9% UV Protection

| PART#   | TYPE  |
|---------|-------|
| ESE-6C  | Clear |
| ESE-6ST | Smoke |

## LIFT Strobe Glasses



### Available Lens Color – Clear, Smoke(not shown)& Yellow

- full flex wrap and durable nylon frame construction
- soft nylon nose bridge and tail sections
- distortion free for improved visual clarity
- impact resistant clear polycarbonate lenses
- Impact protection meets ANSI Z87.1 specifications
- protective storage bag included.
- 99.9% UV Protection

| PART#   | TYPE   |
|---------|--------|
| ESR-6C  | Clear  |
| ESR-6ST | Smoke  |
| ESR-6LT | Yellow |

## LIFT Safety Goggles



- full coverage and comfortable protection
- flexible PVC frame construction and polycarbonate lenses
- fully adjustable strap to fit head securely and comfortably
- wide wrap design enhances peripheral vision
- impact protection meets ANSI Z87.1 and CSA Z94.3 specifications
- 99.9% UV Protection

| PART#  | TYPE  |
|--------|-------|
| ESD-6C | Clear |

## LIFT Stretch Belt



### Maximum support and comfort for those long days.

- ergonomically designed for maximum flexibility and support
- removable and fully adjustable 1.5" elastic suspenders with hook/loop release tabs
- two stage adjustable hook/loop closure system
- vented and removable lumbar pad offers superior comfort
- durable, lightweight and breathable construction
- offer superior back and abdominal support for heavy lifting

| PART#    | SIZE |
|----------|------|
| BSH-6KM  | M    |
| BSH-6KL  | L    |
| BSH-6K1L | XL   |
| BSH-6K2L | XXL  |

## LIFT Knee Protection



KLS-6K

KPM-6K

- lightweight contoured design offers comfort while kneeling or walking
- texture molded EVA foam improves grip on slippery surface
- EVA foam will not scuff or mark delicate surfaces
- fully adjustable 2" strap with quick release buckle system

| PART#  | DESCRIPTION            |
|--------|------------------------|
| KLS-6K | LS Chore Knee Guard    |
| KPM-6K | Pivotol Mid Knee Guard |

# SAFETY GEAR

## LIFT Trader Glove



Whatever your job or trade, this glove has got you covered.

- 2-way form fitting spandex fabric improves comfort and fit
- dual stitched and reinforced synthetic leather thumb and finger tips
- Lycra® panels between fingers improve ventilation and comfort
- quick on and quick off dual stitched elastic cuff
- fully washable materials – will not stretch, shrink or harden

| PART#     | SIZES |
|-----------|-------|
| GTR-6KM   | M     |
| GTR-6KL   | L     |
| GTR- 6K1L | XL    |
| GTR-6K2L  | XXL   |

## LIFT Grunt Glove



Take on the toughest jobs with added comfort, protection and control.

- flex molded Airprene™ and TPR (thermal plastic resin) knuckle guards
- dual stitched and reinforced synthetic leather thumb, palm and finger tips
- air mesh fabric and integrated terry clothe brow wipe
- 2-way form fitting spandex fabric improves comfort and fit
- Lycra® panels between fingers improve ventilation and comfort
- reflective piping for improved visibility and safety
- TPR wrist strap with hook/loop closure provides secure fit
- Integrated TPR snap for glove connection during storage
- fully washable materials - will not stretch, shrink or harden

| PART#     | SIZES |
|-----------|-------|
| GGT-6KM   | M     |
| GGT-6KL   | L     |
| GGT- 6K1L | XL    |
| GGT-6K2L  | XXL   |

## LIFT 8 Seconds Glove



Driving doesn't get any more comfortable with 8 Seconds.

- unlined and top grain cow skin construction
- soft and supple for added comfort
- elastic wrist closure for secure fitment
- integrated TPR snap for glove connection during storage

| PART#     | SIZES |
|-----------|-------|
| G8S-6SM   | M     |
| G8S-6SL   | L     |
| G8S- 6S1L | XL    |

## LIFT Framed Glove



Giving you all the feel and control with the fingerless TIM™ design.

- fingerless TIM™ (thumb, index and middle) for improved handling of nails and nail guns
- flex molded Airprene™ and TPR (thermal plastic resin) knuckle guards dual stitched and reinforced synthetic leather thumb, palm and finger tips
- air mesh fabric and integrated terry clothe brow wipe
- 2-way form fitting spandex fabric improves comfort and fit
- Lycra® panels between fingers improve ventilation and comfort
- reflective piping for improved visibility and safety
- TPR wrist strap with hook/loop closure provides secure fit
- integrated TPR snap for glove connection during storage
- ully washable materials – will not stretch, shrink or harden

| PART#     | SIZES |
|-----------|-------|
| GFD-6KM   | M     |
| GFD-6KL   | L     |
| GFD- 6K1L | XL    |
| GFD-6K2L  | XXL   |

## LIFT Palmer Glove



Palmside dip offers excellent and feel for many slippery or oily jobs.

- nitrile dipped on palmside
- good cut, puncture and abrasion protection
- cotton/polyester back keeps hands cool and comfortable
- offers excellent dexterity and tactility
- elastic wrist provides a comfortable and secure fit

| PART#    | SIZES |
|----------|-------|
| GPR-6KS  | S     |
| GPR-6KM  | M     |
| GPR- 6KL | L     |
| GPR-6K1L | XL    |

## LIFT Palmer Glove



A professional grade glove designed to take on the toughest tasks.

- TPR (thermal plastic resin) finger and knuckle guards
- 2-way form fitting spandex fabric improves comfort and fit
- Padded palm offers improved impact protect and comfort

| PART#    | SIZES |
|----------|-------|
| GTA-9KM  | M     |
| GTA-9KL  | L     |
| GTA-9K1L | XL    |
| GTA-9K2L | XXL   |

## Bi-Metal Reciprocating Blades



| PART#      | LENGTH | WIDTH | TEETH PER IN. | THICKNESS |
|------------|--------|-------|---------------|-----------|
| 20564-614R | 6"     | 3/4"  | 14            | .035"     |
| 20566-618R | 6"     | 3/4"  | 18            | .035"     |
| 20568-624R | 6"     | 3/4"  | 24            | .035"     |
| 20572-656R | 6"     | 3/4"  | 6             | .050"     |
| 20578-818R | 8"     | 3/4"  | 18            | .035"     |
| 20580-810R | 8"     | 3/4"  | 10            | .050"     |
| 20582-956R | 9"     | 3/4"  | 6             | .050"     |
| 20585-156R | 12"    | 3/4"  | 6             | .050"     |

## Bi-Metal Reciprocating Blades



| PART#       | LENGTH | WIDTH | GRIT | THICKNESS |
|-------------|--------|-------|------|-----------|
| 20576-800RG | 8"     | 3/4"  | Med. | .040"     |

## Demolition Blades



| PART#      | LENGTH | WIDTH | TEETH PER IN. | THICKNESS |
|------------|--------|-------|---------------|-----------|
| 20592-650R | 6"     | 3/4"  | 10/14         | .050"     |

## High Tension Hacksaw Frame



| PART#      | DESCRIPTION                |
|------------|----------------------------|
| 20918-4012 | Tensions up to 30,000 PSI. |

## Tri-Fold Saw



| PART#      | APPLICATION   |
|------------|---------------|
| 20993-3618 | Metal cutting |

## Vari-Bit



| PART#     | HOLE SIZES              |
|-----------|-------------------------|
| 30887-VB7 | 7/8" (For 1/2" Conduit) |

## Vari-Bit



| PART#      | HOLE SIZES                             |
|------------|--|
| 30888-VB11 | 7/8", 1-1/8" (For 1/2" & 3/4" Conduit) |

## 10 Pc Electrician's Hole Saw Kit



- 6 Hole Saws • Arbors: 2L, 5L • Pilot Drill: 4321
- Arbor Adaptor • Carrying Case

| PART#      | HOLE SIZES                             |
|------------|--|
| 30888-VB11 | 7/8", 1-1/8" (For 1/2" & 3/4" Conduit) |

## Drill Bits



| PART#    | HOLE SIZES         |
|----------|--------------------|
| 711342-B | 1/4 ULTRA FAST BIT |
| 711350-A | 3/8 ULTRA FAST BIT |

## 13 Pc. Bit Set



| PART#      | DESCRIPTION             |
|------------|-------------------------|
| 711330-B-B | BIT SET W/ PLASTIC CASE |

## 29 Pc. Bit Set



| PART#      | DESCRIPTION             |
|------------|-------------------------|
| 711330-B-F | BIT SET W/ PLASTIC CASE |

# TOOL CARRIERS

## BucketBag



| PART#  | DESCRIPTION                    |
|--------|--------------------------------|
| YA1148 | 22-Pocket, 10" Round x 6" High |

## 75-Pocket Back Pack



| PART#  | DESCRIPTION                                 |
|--------|---|
| YB1132 | 13" W x 17-1/2" H x 9" D - Deluxe Back Pack |

## 12-Pocket Traytote



• 11" X 6" Multi-Compartment Plastic Tray included,

| PART#  | DESCRIPTION          |
|--------|----------------------|
| YB1137 | 12" L x 8" W x 12" H |

## 14-Pocket Traytote



• 13-1/2" x 6" Multi-Compartment Plastic Tray included,

| PART#  | DESCRIPTION          |
|--------|----------------------|
| YB1139 | 12" L x 8" W x 12" H |

## 28-Pocket Electrical & Maintenance Tool Pouch



| PART#  | DESCRIPTION  |
|--------|--|
| YB1526 | 7" x 5-1/2" multi-compartment Plastic trays included |

## 43 Pocket Tool Carrier



| PART#  | DESCRIPTION           |
|--------|-----------------------|
| YB1530 | 23" L x 12" W x 15" H |

## 4 Pocket Tool Carrier



| PART#  | DESCRIPTION               |
|--------|---------------------------|
| YG1104 | Multi-purpose Tool Holder |

## Large Cell Phone Holster



| PART#  | DESCRIPTION   |
|--------|---|
| YG5127 | Hang-Strap-Clip onto work belts, suspenders, pants etc. |

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TOOLS

## Deburring Tool



### Quick and easy deburring

For copper, steel and stainless steel, with polished cutting bit made of hardened special steel, smooth-running

| PART# | DESCRIPTION                        |
|-------|------------------------------------|
| 11006 | Heavy Duty, for copper and plastic |

## Tube Bender



### For exact, two-handed bending up to 180°.

- For soft copper, brass & aluminum.
- Three tube sizes with tight bending radii. (dia. 1/4", 5/16", 3/8")
- Suitable for use in Refrigeration, climate control, oil supply, automobile, hydraulic and air pressure systems.

| PART# | DESCRIPTION                 |
|-------|-----------------------------|
| 25151 | 3-in-1 Minibend Tube Bender |

## Tube Cutter - Mini Max



- Ergonomic design of body and knob with seating surface for the hand during turning

| PART# | DESCRIPTION                           |
|-------|---------------------------------------|
| 70015 | Mini Max Tube cutter for copper tubes |

## Tube Cutter - PRO 35



- Cuts tubes made of: copper, brass, aluminum, thin-walled steel, PE, PP, PVDF, plastic-coated tubes & stainless steel.
- Spare cutter wheel in handle.
- Tight working radius of 4-7/8".
- Two guide rollers with recess.
- Metal casing with DURAMANT® coating.
- Retractable internal tube deburrer.

| PART# | DESCRIPTION        |
|-------|--------------------|
| 70027 | Pro 35 Tube Cutter |

## Automatic Tube Cutter



- For copper, brass, aluminum, thin-walled steel, and plastic coated tubes
- Ratchet telescopic guide with automatic spring-driven withdrawal.
- Retractable internal deburring tool and spare cutter wheel in handle.

| PART# | DESCRIPTION                    |
|-------|--------------------------------|
| 70030 | Automatic Tube Cutter (size 1) |

## Tube Cutter Minicut 2000



- Large knurled knob, handy design: Fatigue-free pressure control.
- Two guide rollers with recess: Cuts close to flares
- Handy design with small working radius of 1-3/4" (45 mm)
- Ideal for hard to reach places

| PART#  | DESCRIPTION               |
|--------|---------------------------|
| 70105  | Minicut Tube Cutter       |
| 70017B | Spare cutter wheel, 2 pk. |

## Tube Cutter Minicut 2000



- Cut tubes with less turns.
- Self-clamping and self-alignment.
- Ideal for hard to reach places
- Cast aluminum casing

| PART# | NOM. DIA. | O.D. | DESCRIPTION |
|-------|-----------|------|-------------|
| 88807 | 3/8"      | 1/2" | PIPESLICE 1 |
| 88810 | 1/2"      | 5/8" | PIPESLICE 2 |
| 88808 | 5/8"      | 3/4" | PIPESLICE 3 |
| 88802 | 3/4"      | 7/8" | PIPESLICE 4 |

## Ro-Grip Self Adjusting Pliers



Ro-Grip self-adjusting plier with spring loaded action for rapid gripping of all pipes and nuts. Automatically sizes to the object and removes the need for manual setting. Completely drop forged Chrome Vanadium Steel. Double hardened jaws. Non-slip rubber grips.

| PART# | DESCRIPTION           |
|-------|-----------------------|
| 70558 | Self Adjusting Pliers |

# TUBING TOOLS

## Premium Tube Cutters



- Wide rollers with flare cut-off groove. Ground surface for easy rolling
- Wheel recessed into cutter body
- Made from high quality alloy steel, YELLOW JACKET wheels are thinner than those made from carbon steel or lower quality steel. This means a sharper cutting wheel edge for less burr on copper, aluminum and mild steel tubing. Does not "bottom out." Pinned rather than screwed in position
- Spare 60100 wheel attached
- Corrosion-resistant finish on lightweight aluminum frame
- Retractable reamer
- Flare cut-off groove

\*Conforms to Federal Specification GGG-C-771-d, 1-31, 64, Type II, Class 1.

| PART#  | DESCRIPTION                          |
|--------|--------------------------------------|
| 60101* | Small cutter for 1/8" to 1-1/8" O.D. |
| 60102* | Large cutter for 1/4" to 1-5/8" O.D. |

## Heavy Duty Mini-Cutters



### Small-Mini

Smallest version of the heavy duty model cuts 1/8" to 5/8" with a turning radius of only 13/16".

### Big-Mini

A larger version with a heavy duty cast body cuts from 1/4" to 1-1/8" O.D. and is still compact. Field proven.

| PART# | DESCRIPTION                      |
|-------|----------------------------------|
| 60142 | Big Mini for 1/4" to 1-1/8" O.D. |
| 60160 | Small Mini for 1/8" to 5/8" O.D. |

## Large Tube Cutters



The new stronger "I beam" design uses both strength and light weight. Wider body has longer rollers to hold tubing better and includes a flare cut off groove. Contoured handle for better gripping also holds spare cutter wheel. Separate deburr tool slides into cutter body.

| PART# | DESCRIPTION                            |
|-------|--|
| 60139 | Tube cutter (capacity: 3/8" to 2-5/8") |

## Tube Reamer/Burr Remover



Steel blades remove inner and outer burrs.

| PART# | DESCRIPTION                      |
|-------|----------------------------------|
| 60161 | Tube reamer - 1/16" up to 1-3/8" |

## Premium Double and Single Flare 45° Tool



One-piece tool single flares six sizes of copper, brass, aluminum and most mild steel tubing. Single flare tool only - 45°

| PART# | DESCRIPTION                                      |
|-------|--|
| 60201 | (Capacity: 3/16, 1/4, 5/16, 3/8, 1/2, 5/8" O.D.) |

## Spring Tube Bender



Specially designed YELLOW JACKET spring benders slip over soft copper and aluminum tubing during bending to help prevent tube collapse.

| PART# | DESCRIPTION              |
|-------|--------------------------|
| 60356 | 3/8" O.D. bending spring |
| 60358 | 1/2" O.D. bending spring |
| 60359 | 5/8" O.D. bending spring |
| 60360 | 3/4" O.D. bending spring |
| 60361 | 7/8" O.D. bending spring |

## FLARING & SWAGING TOOLS

### 6-IN-1 SWAGE PUNCH



- One tool swages 3/16", 1/4", 5/16", 3/8", 1/2", 5/8" OD tubing
- Hi-alloy steel, heat-treated for rugged use
- Hex design for ease of extraction

#### PART#

95S

## SWAGING TOOLS



- For making tubing connections without fittings.

#### PART#

#### DESCRIPTION

|       |                            |
|-------|----------------------------|
| 193S  | 1/4", 3/8", 1/2", 5/8" Kit |
| 93S12 | 3/4"                       |
| 93S14 | 7/8"                       |

## TUBE CUTTERS

### IMP CUTTER



TC1050

174F

- Designed for use in tight quarters
- 174F Includes spare cutting wheel
- Replacement Wheel: TC1050: TC1C, 174F: TC1A

#### PART#

#### DESCRIPTION

|        |                  |
|--------|------------------|
| TC1050 | 1/8 to 5/8" OD   |
| 174F   | 3/8 to 1-1/8" OD |

## HEAVY DUTY CUTTER



- Imperial's unique design eliminates spiraling
- Foldaway hardened steel reamer
- Includes replacement wheel
- Replacement Wheel: TC1A

#### PART#

#### DESCRIPTION

|        |                  |
|--------|------------------|
| TC1000 | 1/8 to 1-1/8" OD |
| 312FC  | 1/4 to 1-5/8" OD |

## LARGE DIAMETER - ADJUST-O-MATIC



- Ratchet feed mechanism speeds up cutting operation
- Spare wheel included under handle cap
- Replacement Wheel: S74761

#### PART#

#### DESCRIPTION

|       |                  |
|-------|------------------|
| 206FB | 3/8 to 2-5/8" OD |
|-------|------------------|

## FLARING & SWAGING TOOLS

### 45° FLARING AND SWAGING KIT



- Flares & Swages. Screw-type feed. Easier to work with in close quarters than punch type tools.
- Perfect flaring and swaging alignment of tube every time.
- Hardened steel chrome finished adapters change quickly.
- Case Included
- Flares: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8 and 3/4" OD tubing
- Swages: 3/16", 1/4", 5/16", 3/8", 1/2", 5/8 and 3/4" OD tubing

#### PART#

275FS

## 45° FLARING TOOL



- Rugged forged steel slip-on yoke and hardened flaring bar.
- Positive clamping action of bars prevents tube slippage.
- Self-centering yoke w/ swivel type chrome-finished flaring cone forms better flares w/ less effort.
- Flares: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", and 5/8" OD tubing

#### PART#

195FC

## ROL-AIR FLARING TOOL



- Faceted, hardened steel, chrome-finished cone rolls out perfect 45° flares
- Automatically burnishes flare face reducing the need for deburring.
- Larger handle, with better leverage
- Flares: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", and 5/8" OD tubing.

#### PART#

500FC

# TUBING TOOLS / SERVICE WRENCHES

## Full Range Heavy Duty Tube Benders



Make fast bends on almost every size of soft copper, brass, aluminum, steel and soft stainless steel tubing to 180°.

| PART# | DESCRIPTION   |
|-------|---|
| 60373 | 1/4" tube bender (Bending Radius: 9/16")                    |
| 60375 | 3/8" tube bender (Bending Radius: 15/16")                   |
| 60377 | 1/2" tube bender (Bending Radius: 1-1/2")                   |
| 60378 | 5/8" tube bender (Bending Radius: 2-1/4")                   |
| 60390 | 1/4"-5/16"-3/8" 3-in-1 tube bender (Bending Radius: 15/16") |

## Flare/Burnish Tool



Multi-faceted cone rolls a precise flare and simultaneously polishes it on brass, copper and aluminum.

| PART# | DESCRIPTION                    |
|-------|--------------------------------|
| 60270 | (Capacity: 3/16" to 5/8" O.D.) |

## Service Wrenches



Straight, Heavy Duty, and Offset service wrenches offered.

| PART# | DESCRIPTION                         |
|-------|-------------------------------------|
| 60613 | Straight service wrench             |
| 60615 | Refrigerant wrench for large valves |
| 60616 | Offset service wrench               |

## Sporlan Valve Wrench



Spanner end tightens packing nut around super heat adjustment stem. 1/8" square end adjusts Sporlan solenoid valves with manual lift stems as on Series B6 and E6 through MA 50. Also 3/16" square at same end for expansion valves.

| PART# | DESCRIPTION |
|-------|-------------|
| 60613 |             |

## Premium Forged Service Wrenches



Enclosed ratcheting mechanism to keep out debris that could jam the action.

| PART# | DESCRIPTION                       |
|-------|-----------------------------------|
| 60600 | Forged wrench 1/4" and 3/8" sq.   |
| 60601 | Forged wrench 3/16" and 5/16" sq. |

## Service Wrench and Adapter



Combination service wrench with 60609 hex adapter for accessing liquid and suction based valves on residential and commercial units up to 7.5 tons. Heat-treated hex works for 3/16" and 5/16" hex valves. New adapter for some York/Coleman units.

| PART# | DESCRIPTION     |
|-------|-----------------|
| 60609 | Hex key adapter |

## Large Flare Nut Wrench



| PART#   | DESCRIPTION      |
|---------|------------------|
| 6821200 | 15/16 and 1-1/16 |

## Small Flare Nut Wrench



| PART#   | DESCRIPTION   |
|---------|---------------|
| 6811208 | 5/8 and 13/16 |

## Start Switch



Combination service wrench with 60609 hex adapter for accessing liquid and suction based valves on residential and commercial units up to 7.5 tons. Heat-treated hex works for 3/16" and 5/16" hex valves. New adapter for some York/Coleman units.

| PART# | DESCRIPTION                                  |
|-------|--|
| 69523 | 15 Amp, large clip, Annie C-6-35T & HI TL 10 |

## Tubing Cutter



| PART# | DESCRIPTION   |
|-------|---------------|
| 60373 | 5/16 to 1-1/8 |

## Tubing Cutter



| PART#   | DESCRIPTION   |
|---------|---------------|
| 6821160 | 5/16 to 1-1/8 |

## Tube Benders

### Ratcheting Tubing Bender



- For Soft Copper & Coated Soft Copper Pipe
- Easily puts a 90° bend on tubing
- Index Marks for Proper Bending to Length
- One Hand Manual Ratchet Operation
- For: 3/8", 1/2", 5/8", 3/4", 7/8" OD
- Includes: Carrying Case, Reamer, and Tubing Cutter 1/8" to 1-1/8" w/ Spare Blade

| PART# | DESCRIPTION |
|-------|-------------|
| 60331 |             |

### Ratcheting PVC Cutters



| PART# | DESCRIPTION          |
|-------|----------------------|
| 70078 | Cuts up to 1-5/8" OD |
| 70080 | Replacement Blade    |

## Cutters



- Cuts ABS, PVC, rubber and fabric reinforced hose up to 1" I.D.
- Stainless steel cutting blade is resharpenable and replaceable

| PART# | DESCRIPTION       |
|-------|-------------------|
| TC400 | Cutter            |
| RB400 | Replacement blade |

## Hex Drivers - Extra Long



| PART# | HEX OPENING | SHANK DIA. | NOSE DIA. | LENGTH  |
|-------|-------------|------------|-----------|---------|
| ND8L  | 1/4"        | 5/16"      | 7/16"     | 9-1/8"  |
| ND10L | 5/16"       | 5/16"      | 1/2"      | 10-1/8" |
| ND12L | 3/8"        | 3/8"       | 9/16"     | 10-1/8" |

## "T" Handle Hex Sets - Gripped



| PART#   | DESCRIPTION                         |
|---------|-------------------------------------|
| WT918G  | 1/8" T-Hex Key 9" long. Individual  |
| WT9532G | 5/32" T-Hex Key 9" long. Individual |

## Hex Set



| PART#  | DESCRIPTION  |
|--------|--|
| WT918G | .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16" |

## Hex Keys



| PART#  | DESCRIPTION  |
|--------|--|
| WT918G | .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16" |

## 13 Pc Hex Set



| PART# | DESCRIPTION                      |
|-------|----------------------------------|
| RP102 | Holds 13 sizes between .050-3/8" |

# BRAZING / SOLDERING & ACCESSORIES

## OXY-ACETYLENE BRAZING & CUTTING KIT



• Includes: Oxygen and Acetylene Regulator, Torch Handle, Welding, Brazing and Cutting Tips, 12 ft. Twin Hose, Carrying Case, Spark Lighter, Goggles and Wrench. Less Tanks.

| PART# | DESCRIPTION  |
|-------|--------------|
| SKMC2 | Complete Kit |
| SKMC1 | Less Cutting |

## ACCESSORIES



| PART#   | DESCRIPTION                 |
|---------|-----------------------------|
| STRIKER | Striker                     |
| FLINTS  | Flints (10 Per Pack)        |
| TK      | Wrench for "B" & "MC" Tanks |
| MCT     | "MC" to "B" Tank Adapter    |

## ACETYLENE, OXYGEN & CO2 GASES



| PART#  | GAS TYPE  |
|--------|-----------|
| MC     | Acetylene |
| B      | Acetylene |
| WQ     | Acetylene |
| R      | Oxygen    |
| 55     | Oxygen    |
| Q      | Oxygen    |
| R      | Nitrogen  |
| 40     | Nitrogen  |
| 55     | Nitrogen  |
| Q      | Nitrogen  |
| 10-lb. | CO2       |
| 20-lb. | CO2       |

## MAPP and PROPANE GAS



| PART# | DESCRIPTION           |
|-------|-----------------------|
| MT1   | MAPP Gas, 16 oz.      |
| PT1   | Propane Gas, 14.1 oz. |

## HAND TORCH

### SELF IGNITING BRAZING TORCH



- Self Igniting Hand Torch
- Includes Two Tips
- Brazes from 1/16" to 1-1/4"
- Solders from 1/8" to 4"
- Warranty: 3 Years

| PART# |
|-------|
| TX500 |

## ACETYLENE TORCH KITS



### SWIRL AIR ACETYLENE KITS



- Kits Include: Regulator, Handle, Tip(s) & Acetylene Hose

| PART# | CONNECTION | TIP(S)         |
|-------|------------|----------------|
| X3B   | 40B Tank   | A3TIP & A11TIP |
| X5B   | 40B Tank   | A5TIP          |
| X6MC  | MC Tank    | A3TIP & A8TIP  |

## ACETYLENE TORCH TIPS



| PART#  | TUBING SIZE CAPACITY |               |
|--------|----------------------|---------------|
|        | SOLDER               | BRAZE         |
| A3TIP  | 1/4 to 1"            | 1/8 to 1/2"   |
| A5TIP  | 3/4 to 1-1/2"        | 1/4 to 3/4"   |
| A8TIP  | 1 to 2"              | 1/2 to 1"     |
| A11TIP | 1-1/2 to 3"          | 7/8 to 1-5/8" |
| A14TIP | 2 to 3-1/2"          | 1 to 2"       |
| A32TIP | 4 to 6"              | 1-1/2 to 4"   |

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TOOLS

## HARRIS 0



This low cost alloy is suitable for most copper-to-copper or brass joints where good fit-up exists, and the assemblies are not subject to excessive vibration nor movement.

| PART# | SILVER CONTENT |
|-------|----------------|
| 21035 | 0%             |

## STAY-SILV 5



This medium-range alloy is well suited where close fit-up cannot be maintained. This filler metal is somewhat more ductile than Harris 0 or Stay-Silv 2.

| PART# | SILVER CONTENT |
|-------|----------------|
| 41035 | 5%             |

## STAY-SILV 15



For many years the standard of the industry, the 15% silver alloy has proven its value. This filler metal is excellent for situations in which close fit-up does not exist, and where thermal expansion and service vibration are involved.

| PART# | SILVER CONTENT |
|-------|----------------|
| 61035 | 15%            |

## DYNAFLOW



Dynaflow melts and flows at temperatures very close to Stay Silv 15, and provides comparable brazed mechanical properties. This makes Dynaflow an excellent cost effective alternative to the 15% silver alloys. This premium, medium range silver alloy has been meticulously formulated to even tighter specifications than our standard copper-to-copper alloys.

| PART# | SILVER CONTENT |
|-------|----------------|
| 66000 | 6%             |

## BLOCKADE



Blockade is a proprietary phosphorus-tin-silicon alloy engineered to provide a low cost alternative to silver bearing filler metals. It is self fluxing on copper and its lower melting temperature makes it an excellent choice for brass. Blockade flows rapidly but can be used to "cap" brazed joints.

| PART# | SILVER CONTENT |
|-------|----------------|
| 45535 | 0%             |

## 95/5



Tin-antimony solder well suited for applications where moderately elevated temperature is a factor. With higher electrical conductivity and high fluidity, 95/5 is recommended for lead free installation of small diameter, tight fitting connections. Not recommended for use on brass or HVAC connections.

| PART# |
|-------|
| 95561 |

## BRIDGIT



Lead-free solder widely used in plumbing applications where lead-bearing solders are prohibited. Contains nickel, making joints tremendously strong. Wide range makes Bridgit an excellent alloy for large diameter fittings and ill-fitted or non-concentric pipes. Fills gaps and caps off easily and effectively. **Conforms to 1986 Safe Drinking Act**

| PART#  | SPECIFICATIONS                  |
|--------|---------------------------------|
| BRGT61 | ASTM B32 HB • NSF to ANSI NSF61 |

## STAY-BRITE 8



Silver-bearing solders are often used throughout the refrigeration/air conditioning industry instead of brazing alloys. Both Stay-Brite and Stay-Brite 8 produce an overall component with greater strength than a brazed component whose base metals are weakened by annealment from high brazing heat. Stay-Brite solders bond with all of the ferrous and nonferrous alloys.

| PART# | CHEMICAL COMPOSITION |
|-------|----------------------|
| SB861 | 94% Sn 6% Ag         |

# BRAZING / SOLDERING & ACCESSORIES

## SAFETY-SILV 45



Excellent general purpose brazing alloy. Good ductility and capillary flow. Color is silver to light yellow.

| PART# | WEIGHT | SILVER CONTENT |
|-------|--------|----------------|
| 4531  | 1 Oz.  | 45%            |
| 4533  | 3 Oz.  | 45%            |
| 4535  | 5 Oz.  | 45%            |

## SAFETY-SILV 56



High silver content alloy; makes premium-quality brazes. Free-flowing with unsurpassed capillary attraction and deep penetration with high ductility. Suitable for use in the food processing industry. Silver color is excellent match for stainless steel and silverware applications. NSF Listed.

| PART# | WEIGHT | SILVER CONTENT |
|-------|--------|----------------|
| 5631  | 1 Oz.  | 56%            |
| 5633  | 3 Oz.  | 56%            |
| 5635  | 5 Oz.  | 56%            |

## STAY-CLEAN PASTE FLUX



An active soldering flux formulated for use with tin-lead, tin-antimony, and tin-silver solders. Superior flux for most metals, copper, brass, bronze, steel, stainless steel, galvanized, Monel®, Not recommended for aluminum, magnesium, or titanium. Not recommended for electrical or electronic applications.

| PART# | WEIGHT  |
|-------|---------|
| SCPF4 | 4OZ JAR |

## STAY-CLEAN LIQUID FLUX



A general purpose zinc chloride flux for soldering with all soft solders use with tin-lead solder, tin-antimony solder, Stay-Brite solder, for soldering virtually all metals, except aluminum, magnesium or titanium. Not recommended for use in electrical or electronic applications.

| PART#  | SIZE     |
|--------|----------|
| SCLF4  | 4OZ BTL  |
| SCLF16 | 16OZ BTL |
| SCLF32 | 32OZ BTL |

## STAY-SILV (WHITE FLUX)



An all purpose, low temperature flux for use in silver brazing. Use with most ferrous and non ferrous metals, not recommended on aluminum, magnesium, and titanium. The active temperature range is 10500F/5660C -16000F /8710C

| PART#   | SIZE      |
|---------|-----------|
| SSWF1/4 | 1/4LB JAR |
| SSWF1/2 | 1/2LB JAR |
| SSWF7   | 6.5OZ BTL |
| SSWF1   | 1LB JAR   |

## ALCOR



A very easy to use aluminum alloy with non-corrosive flux inside the wire; no external flux is required with this product. Designed for the repair of heat exchangers, air conditioners, aluminum alloy condensers and other applications. Very good fluidity with good capillary attraction. Postbrazing cleaning unnecessary. Better than tin-zinc and aluminum silicon alloys for aluminum coil repair.

| PART#   | SIZE                  |
|---------|-----------------------|
| AL200RC | ALCOR-2MM DIA. - COIL |

## ALSOLDER 500 - ALUMINUM SOLDER



Solder alloy for torch or iron. Used to join all solderable aluminum alloys to each other and to dissimilar metals. Also for zinc die-cast. Forms excellent, corrosion resistant joints on the tough to solder aluminum alloys. Also beneficial as a high temperature solder on most other metals. Not recommended for magnesium.

| PART# | SIZE                           |
|-------|--------------------------------|
| 500K  | ALSOL500 ALUM KT(ORM-D) NO AIR |

## AL-BRAZE



A superior brazing alloy for the joining of aluminum to aluminum. Al-Braze is free-flowing with unequalled capillary attraction, ductility and penetration. Not recommended for brazing Aluminum directly to non-Aluminum alloys as the joint may be brittle.

| PART# | SIZE             |
|-------|------------------|
| 1070K | ALBRAZE 1070 KIT |

13 TOOLS

## FLUX BRUSHES



### PART#

### DESCRIPTION

ACIDBRUSH 3/8" Acid Flux Brush

## THERMO-TRAP



- Heat absorbing paste designed to isolate heat encountered in soldering and brazing
- Prevents damage to nearby heat sensitive controls, fittings or other material

### PART#

### SIZE

4371-36 11 Oz.

## MESH CLOTH



A fully waterproof product made with open nylon fabric, which makes it waterproof, and rugged aluminum oxide. Coated on both sides of the nylon fabric to produce a long-lasting sharp cutting product. If this material becomes coated (loaded) with copper, brass or other nonferrous or plastic residue, simply rinse in water or tap against a hard surface to clean.

### PART#

### DESCRIPTION

MESH CLOTH 1-1/2" x 5 Yds.

## SAND CLOTH



Cotton cloth with a resin bonding of the grit still gives a water resistant cloth.

### PART#

### DESCRIPTION

SAND CLOTH 1-1/2" x 10 Yds.

SAND CLOTH 1-1/2" x 25 Yds.

## QUICK SEAL PIPE REPAIR KIT



- For quick, in-the-field repair of leaks
- Used on both hot or cold water as well as refrigerant applications
- Bonds to all types of pipes
- Classified as safe for potable water

### PART#

### SIZE

4299-10 2" x 3 Ft.

## FITTING BRUSHES



### PART#

### MFG#

### SIZE (O.D.)

|      |       |        |
|------|-------|--------|
| B924 | 94000 | 1/4"   |
| B925 | 94010 | 3/8"   |
| B926 | 94020 | 1/2"   |
| B927 | 94030 | 5/8"   |
| B928 | 94040 | 3/4"   |
| B929 | 94050 | 7/8"   |
| B931 | 94070 | 1-1/8" |

## NITROGEN REGULATOR



- Designed for purging and pressure testing with high pressure
- Contents Gauge: 0-4000 PSIG

### PART#

### DELIVERY GAUGE

|        |             |
|--------|-------------|
| 245-02 | 10-400 PSIG |
| 245-03 | 10-600 PSIG |

## GALLO GUN



Clears condensate drains with a SWOOSH! A lightweight (3 oz.) portable tool designed to blow out drain lines instantly. SWOOSH CO2 cartridges now deliver 1200 PSI of oil free food grade to clear the line. Each unit comes equipped with a tapered fitting to work on 3/8" - 3/4" drain openings. Flexible hose assembly maneuvers through cabinets, coils and hard to reach drains. Reduces labor costs and time on Service Calls. T

### PART#

### DESCRIPTION

|       |                                     |
|-------|-------------------------------------|
| GG1   | Gallo Gun                           |
| GGC12 | Replacement CO2 Cartridges, 12 Pack |

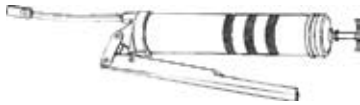
# MAINTENANCE / HAND CLEANING

## PLEWS STANDARD GREASE FITTINGS



| PART# | DESCRIPTION                               |
|-------|---|
| 93375 | 1/8" npt, short-straight fitting, 100/box |

## LEVER ACTION GREASE GUN



| PART# | DESCRIPTION                     |
|-------|---------------------------------|
| 93353 | Lever action grease gun, 14 oz. |

## PISTOL GREASE GUN



| PART# | DESCRIPTION                           |
|-------|---------------------------------------|
| 93351 | Pistol grease gun, with pipe assembly |

## Grease Fitting Kit



| PART# | DESCRIPTION   |
|-------|---|
| GFK1  | Provide easy access at hard to get lubrication points |

## Fan Blade Puller



| PART#  | DESCRIPTION              |
|--------|--------------------------|
| FBP100 | Sturdy, heavy duty steel |

## INDUSTRIAL TOWELS

### WYPALL PLUS TOWELS



Absorbs grease, oil, water and solvents from floors, hands, parts, tools and machinery. Tough enough for extra heavy jobs.

| PART# | PKG. QTY.   |
|-------|-------------|
| 79205 | 100 per box |

### Bag of Rags



Heavy duty reusable towels. For wipe ups of grease, oil, water, etc. 100% cotton material is pre-shrunk and hemmed. Each towel measures 13" x 16".

| PART# | PKG. QTY.  |
|-------|------------|
| 79027 | 10 Per Bag |

## HAND CLEANERS



Three out of five people prefer Fast Orange to other hand cleaners. The first biodegradable, waterless hand cleaner with aloe, lanolin, and jojoba. USDA Approved.

| PART# | DESCRIPTION                  |
|-------|------------------------------|
| 25116 | 15 oz. Smooth Squeeze Bottle |
| 25218 | 1 Gal. w/ pump               |

## SCRUBS-IN-A-BUCKET



- Pumice hand cleaner impregnated towel
- 72 Scrubs per bucket

| PART#   |
|---------|
| 4366-87 |

13 TOOLS

## TUBE BRUSHES ADJUSTABLE



- Stainless steel blades remove scale and sludge
- Expands or contracts to fit scale deposit - not just the tube
- Faster, cleaner and safer than brushes or acid

| PART# | SIZE    |
|-------|---------|
| E-6   | 1/2 in. |
| E-8   | 5/8 in. |
| E-10  | 1 in.   |

## EXTENSION ROD FOR TUBE BRUSHES



| PART# | LENGTH |
|-------|--------|
| EE-30 | 30 in. |
| EE-48 | 48 in. |

## COUPLING TUBE BRUSH ACCESSORY



| PART#  |
|--------|
| EC-810 |

## HANDLE TUBE BRUSH ACCESSORY



| PART# |
|-------|
| EH-1  |

## PROTECTIVE GOGGLES



- General-purpose cover-type protective goggles of soft vinyl plastic.
- Comfortable and shaped to conform to facial contours.
- Fits easily over personal glasses.
- Top and bottom edges perforated for direct ventilation.
- Lightweight adjustable elastic strap.
- Meets ANSI Z87.1-2003 and CSA Z94.3.

| PART# | DESCRIPTION                         |
|-------|-------------------------------------|
| 60040 | Clear, one-piece .060" acetate lens |

## Ream-A-Matic Chiller TUBE CLEANER



### Specs

- Flexible Shaft Speed: 862.5 rpm
- Motor Power: HP (0.4 kW)
- Input Power: Standard: 9 amps, 115 V, 60 Hz AC (Optional: 9 amps, 115 V, 50 Hz; 4.5 amps, 230 V, 60 Hz; or 4.5 amps, 230 V, 50 Hz)
- Dimensions: 37" (940mm) high x 20" (510mm) wide x 17" (430mm) deep
- Weight: 49 lbs (22 kg) net dry

### Features

- Simple to operate - minimal training required
- Stainless steel construction - long life
- Interchangeable cleaning tools - versatile
- Large wheels - easy to move
- Simultaneous water flush - removes deposits
- Foot switch activation - safe operation C

| PART#    |
|----------|
| RAM-4-60 |

## PORTABLE TUBE CLEANER



### Specs

- Flexible Shaft Speed: 1,725 rpm
- Motor Power: HP (0.4 kW)
- Input Power: Standard: 9 amps, 115 V, 60 Hz AC (Optional: 9 amps, 115 V, 50 Hz; 4.5 amps, 230 V, 60 Hz; or 4.5 amps, 230 V, 50 Hz)
- Dimensions: 9" (240mm) high x 10 3/8" (260mm) wide x 18" (460mm) deep
- Weight: 31 lbs (14 kg) net dry

### Features

- Simple to operate - minimal training required
- Compact - easy to carry
- Interchangeable cleaning tools - versatile
- Simultaneous water flush - removes deposits
- Foot switch activation - safe operation

| PART#      |
|------------|
| RAM-PTC-60 |

## TUBE CLEANING FLEXIBLE SHAFT



| PART#      | LENGTH | APPLICATIONS | TUBE SIZE  |
|------------|--------|--------------|------------|
| GTC-703-25 | 25'    | WET/DRY      | 9/16"-1"   |
| GTC-702-25 | 25'    | WET/DRY      | 7/16"-1/2" |

## BLUE NYLON TUBE CLEANING BRUSH



### Overview

For tubes 1/4"-1" (6.4-25.4mm) I.D. Recommended for removing soft deposits (mud, algae, etc.) in straight, ferrous and nonferrous tubes. Brush should be equal to or 1/16" (1.6mm) smaller than tube I.D.

| PART#    | SIZE |
|----------|------|
| 1519-5/8 | 5/8" |
| 1519-3/4 | 3/4" |

# FLASHLIGHTS & ACCESSORIES

## Mini-Mag



| PART# | DESCRIPTION          |
|-------|----------------------|
| 79201 | Mini-mag AA (black)  |
| 79205 | Mini-mag AAA (black) |

## Mini-Mag Combo Pack



| PART# | DESCRIPTION           |
|-------|-----------------------|
| 79202 | AA combo pack (black) |

## Maglite



| PART# | DESCRIPTION               |
|-------|---------------------------|
| 79203 | Mag-light 2D-cell (black) |
| 79204 | Mag-light 3D-cell (black) |

## Maglite Replacement Bulbs



| PART# | DESCRIPTION        |
|-------|--------------------|
| 79223 | AA/AAA bulb 2 pack |
| 79221 | 2D-2C krypton bulb |
| 79220 | 3D-3C krypton bulb |

## FLASHLIGHT



- Barrier wall between batteries and bulb for maximum durability
- Faceted reflector provides bright, uniform spot
- Receptacle for spare bulb inside head
- Spring mounted bulb for shock resistance
- Withstands seven foot drop tests
- Weatherproof construction
- 100,000-cycle switch life

| PART# | DESCRIPTION                        |
|-------|------------------------------------|
| IN2K  | 2 D Cell Flashlight w/Krypton Bulb |
| IN4   | 2 AA Cell Flashlight               |

## FLASHLIGHT BULBS

| PART# | DESCRIPTION            | PKG. QTY. |
|-------|------------------------|-----------|
| K22   | D Flashlights, Krypton | 2         |
| PR4-2 | AA Flashlights         | 2         |
| T1-2  | Mini Mag Bulb          | 2         |

## BATTERIES



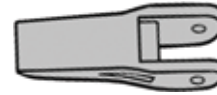
- Industrial Alkaline Batteries

| PART# | DESCRIPTION                  | PKG. QTY. |
|-------|------------------------------|-----------|
| ALAA  | AA Alkaline                  | 8         |
| ALAAA | AAA Alkaline                 | 8         |
| ALC   | C Alkaline                   | 6         |
| ALD   | D Alkaline                   | 6         |
| AL9V  | 9V Alkaline                  | 6         |
| 357   | 303, 357 Thermometer Battery | 1         |

## LADDER - D1300-2 Series



## FLIPPER KIT



| PART# | TOTAL LENGTH |
|-------|--------------|
|-------|--------------|

|         |     |
|---------|-----|
| D1320-2 | 20' |
| D1324-2 | 24' |
| D1328-2 | 28' |

| PART# |
|-------|
|-------|

|      |
|------|
| 29-1 |
|------|

## LADDER - D6200-2 Series



## Sumner Lil Hoister



| PART# | TOTAL LENGTH |
|-------|--------------|
|-------|--------------|

|         |     |
|---------|-----|
| D6224-2 | 24' |
|---------|-----|

| PART# | lb. MAX | HEIGHT |
|-------|---------|--------|
|-------|---------|--------|

|      |     |     |
|------|-----|-----|
| 2210 | 500 | 10' |
|------|-----|-----|

## LADDER - D6200-2 Series



## Sumner Lil Hoister Lift



| PART# | TOTAL LENGTH |
|-------|--------------|
|-------|--------------|

|     |    |
|-----|----|
| 376 | 6' |
|-----|----|

## LADDER - 6200 Series



| PART# | lb. MAX | HEIGHT |
|-------|---------|--------|
|-------|---------|--------|

|      |     |     |
|------|-----|-----|
| 2112 | 650 | 12' |
| 2124 | 650 | 24' |

| PART# | TOTAL LENGTH |
|-------|--------------|
|-------|--------------|

|      |    |
|------|----|
| 6206 | 6' |
| 6208 | 8' |

## LADDER - T6200 Series



| PART# | TOTAL LENGTH |
|-------|--------------|
|-------|--------------|

|       |    |
|-------|----|
| T6206 | 6' |
|-------|----|

# MICELLANIOUS TOOLS

## Work Knives



| PART#  | DESCRIPTION  |
|--------|--|
| ST-137 | Mini work knife with serrated blade and no belt hook |
| ST-138 | Serrated blade with LED light, long life battery     |
| ST-134 | Compact straight blade                               |
| ST-135 | Compact serrated blade                               |
| ST-37  | Straight blade                                       |
| ST-38  | Serrated blade                                       |
| ST-136 | Curved serrated blade                                |

## Cut First Aid Kit



- 30 - 1"x3" Heavy Woven Strip Bandages
- 8- 2"x3" Heavy Woven Strip Bandages
- 2- 3"x4" Telfa Wide Patch Bandage
- 20 - Antiseptic Wipes
- 8 - Triple Antibiotic Foil Packs
- 4 - Burn Cream Foil Packs

| PART#  | DESCRIPTION   |
|--------|---------------|
| ST-226 | First Aid Kit |

## Ready Ratchet 3/8 Drive



| PART# | KIT INCLUDES                                 |
|-------|--|
| 25785 | 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" |

## Blaze Barrier® Cloth



This flame barrier drop cloth withstands temperatures to 3,000°F. No asbestos. Protects walls, floors, equipment, components and adjacent surfaces from torch flames when soldering, brazing or welding. All cloths have edges taped and sewn with grommets at each corner. Highly resistant to many chemicals and acids.

| PART# | DESCRIPTION   |
|-------|---|
| 16500 | 18" x 18" Plain   |
| 16510 | 18" x 18" Keyhole w/cutout for draping over pipes & tubes |
| 16520 | 36" x 36" Plain   |

## Fin Comb Set



Six of the most popular Fin Combs covering twelve different size fins on a convenient ring.

| PART# |
|-------|
| FCR6  |

## Fin Comb Set



Cleans and straightens fins for better operating efficiency.

| PART# |
|-------|
| UFC1  |

## Whisk Brush



Fin comb cleans fins and restores bent fins to normal position. Small whisk type brush features stiff polypropylene bristles firmly imbedded in plastic handle. Ideal for cleaning in between small fins and coils.

| PART# | DESCRIPTION      |
|-------|------------------|
| B26   | Fin & Coil Whisk |

## Telescopic Inspection Mirror



| PART# | DESCRIPTION  |
|-------|--|
| M-2   | 2-1/4" Circular – extends 10" to 14"                     |
| M-2R  | Replacement Head for M-2                                 |
| M-3   | 2-1/8" x 3-1/2" Rectangular – extends 11-1/4" to 15-1/4" |
| M-3R  | Replacement Head for M-3                                 |
| M-5   | 1" x 2" Oval – extends 8-1/2"                            |
| M-5R  | Replacement Head for M-5                                 |

## Flex Scraper



| PART# | DESCRIPTION     |
|-------|-----------------|
| 19884 | 3" Flex Scraper |