



FACILITY MAINTENANCE

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LANDSCAPING SHOVELS

- Durable fibreglass handle with rubber grip
- Forward turned step for extra strength
- 14-gauge tempered steel blade

DRAIN SPADES

| Model No. | Handle Type | Blade Size W" x H" | Overall Length" |
|-----------|-------------|--------------------|-----------------|
| NJ096 | D-Grip | 6 x 16 | 42-1/2 |

SQUARE POINT SHOVELS

| Model No. | Handle Type | Blade Size W" x H" | Overall Length" |
|-----------|-------------|--------------------|-----------------|
| NJ094 | D-Grip | 8-1/2 x 11-1/2 | 42 |
| NJ095 | Straight | 8-1/2 x 11-1/2 | 56 |

ROUND POINT SHOVELS

| Model No. | Handle Type | Blade Size W" x H" | Overall Length" |
|-----------|-------------|--------------------|-----------------|
| NJ093 | D-Grip | 8-1/2 x 11 | 42 |
| TLZ465 | Straight | 8-1/2 x 11 | 56 |



LANDSCAPING SHOVELS

- Durable hardwood handle
- Forward turned step for extra strength
- 14-gauge tempered steel blade

DRAIN SPADES

| Model No. | Handle Type | Blade Size W" x H" | Overall Length" |
|-----------|-------------|--------------------|-----------------|
| NN247 | D-Grip | 6 x 14 | 44 |
| NN248 | Striaight | 6 x 14 | 60 |

SQUARE POINT SHOVELS

| Model No. | Handle Type | Blade Size W" x H" | Overall Length" |
|-----------|-------------|--------------------|-----------------|
| NN245 | D-Grip | 8-1/2 x 11 | 40 |
| NN246 | Straight | 8-1/2 x 11 | 59 |

ROUND POINT SHOVELS

| Model No. | Handle Type | Blade Size W" x H" | Overall Length" |
|-----------|-------------|--------------------|-----------------|
| NN243 | D-Grip | 8-1/2 x 11 | 40 |
| NN244 | Straight | 8-1/2 x 11 | 59 |



HEAVY-DUTY SHOVELS

- Heavy-duty, 12-gauge tempered carbon steel blade
- Durable fibreglass handle
- Ergonomic grip

ROUND POINT SHOVELS

| Model No. | Handle | Blade Size W" x H" | O.A. Length" |
|-----------|----------|--------------------|--------------|
| TLZ466 | D-Grip | 9 x 11 | 41 |
| TLZ467 | Straight | 9 x 11 | 56-1/2 |

SQUARE SHOVELS

| Model No. | Handle | Blade Size W" x H" | O.A. Length" |
|-----------|----------|--------------------|--------------|
| TLZ468 | D-Grip | 9 x 11 | 41 |
| TLZ469 | Straight | 9 x 11 | 56-1/2 |

BOW RAKE

| Model No. | Number of Tines | Handle | Blade Size W" x H" | O.A. Length" |
|-----------|-----------------|----------|--------------------|--------------|
| TLZ471 | 15 | Straight | 15 x 6 | 64 |

GARDEN SPADE

| Model No. | Handle | Blade Size W" x H" | O.A. Length" |
|-----------|--------|--------------------|--------------|
| NJ143 | D-Grip | 7-1/2 x 12 | 42 |

DRAIN SPADES

| Model No. | Handle | Blade Size W" x H" | O.A. Length" |
|-----------|----------|--------------------|--------------|
| TLZ470 | D-Grip | 5-1/2 x 14 | 45 |
| NN240 | Straight | 6 x 16 | 61 |



TLZ466



TLZ467



TLZ468



TLZ469



TLZ470



TLZ471



NJ143

HEAVY-DUTY SHOVELS

- Heavy-duty, 12-gauge tempered carbon steel blade
- Durbale, ergonomic hardwood handle
- Forward-turned step for extra strength
- Ergonomic grip

ROUND POINT SHOVELS

| Model No. | Handle Type | Blade Size W" x H" | O.A. Length" |
|-----------|-------------|--------------------|--------------|
| NN235 | D-Grip | 9 x 11 | 41 |
| NN236 | Straight | 9 x 11 | 59 |

BOW RAKE

| Model No. | Number of Tines | Handle | Blade Size W" x H" | O.A. Length" |
|-----------|-----------------|----------|--------------------|--------------|
| NN242 | 15 | Straight | 15 x 6 | 64 |

SQUARE SHOVELS

| Model No. | Handle Type | Blade Size W" x H" | O.A. Length" |
|-----------|-------------|--------------------|--------------|
| NN237 | D-Grip | 9 x 11 | 41 |
| NN238 | Straight | 9 x 11 | 59 |

DRAIN SPADES

| Model No. | Handle Type | Blade Size W" x H" | O.A. Length" |
|-----------|-------------|--------------------|--------------|
| NN239 | D-Grip | 6 x 16 | 45 |
| NN240 | Striaight | 6 x 14 | 60 |



SHOVELS, BRUSHES & RAKES

POLY SNOW PUSHERS

- Powder-coated steel handle for added strength
- Ergonomic poly D-grip
- **NM812**: includes a steel wearstrip



| Model No. | Blade Size" | Overall Length" |
|--------------|-----------------|-----------------|
| NM811 | 24-1/2 x 10-3/4 | 54-1/2 |
| NM812 | 21-1/4 x 9-1/4 | 50-1/2 |

POLY SNOW SHOVELS

- Powder-coated steel handle for added strength
- Ergonomic poly D-grip handle
- **NM809** includes a steel wearstrip



| Model No. | Blade Size" | Overall Length" |
|--------------|-----------------|-----------------|
| NM809 | 19-3/4 x 13-1/8 | 50-3/4 |
| NM810 | 19-3/4 x 13 | 51-3/8 |

SCOOP SHOVEL

- Perfect for moving and scooping lightweight granulated materials
- Lightweight construction for comfort and productivity
- Hardwood handle with aluminum blade resistant to rust
- Handle Type: Straight
- Overall Length: 63-1/2"
- Weight: 4.16 lbs.
- Blade Size: 14" x 18"



| Model No. | Rivets |
|---------------|--------|
| TYX063 | 2 |

LONG REACH SNOW BRUSH

- Aluminum handle with comfortable EVA foam grip
- Overall Length: 34"
- Non Telescopic
- Colour: Blue
- Blade Type: Polypropylene
- Head Width: 8-3/4"
- Handle Material: Aluminum/Foam
- Scraper Width: 5"

Model No. NM979



TELESCOPIC SNOW BRUSH

- Aluminum handle with comfortable EVA foam grip
- Telescopic handle has extended length of 36" and collapsed length of 26"
- Colour: Blue
- Blade Type: Polypropylene
- Head Width: 9-3/4"
- Handle Material: Aluminum/Foam
- Scraper Width: 5"

Model No. NM980



SNOW ROOF RAKE

- Ideal for removing any kind of debris from roofs
- Prevents roof damage by removing ice dams & heavy snow
- Shipped knocked down
- Lightweight handle extends to 16'
- Blade Material: Polypropylene
- Blade Width: 24-3/4"
- Blade Height: 6"
- Handle Length: 61"
- Handle Material: Aluminum
- Handle Type: Straight
- Weight: 4 lbs.

Model No. NN009



SPREADERS

BROADCAST SPREADERS

- Steel tube frame construction with chrome plated hardware
- Heavy-duty nylon gear box increases product life span
- Setting control on handle for precise adjustments
- Includes: Raincover, screen
- Pneumatic Tire Size: 12" x 4"



NJ142



NN137

| Model No. | Load Capacity | Coverage |
|-----------|---------------|----------------|
| NN137 | 50 lbs. | 15 000 sq. ft. |
| NJ142 | 100 lbs. | 16 000 sq. ft. |

BROADCAST SPREADERS WITH STAINLESS STEEL HARDWARE

- Metal gear inside of the gear box
- Stainless steel hardware in the hopper and pivot shaft
- Metal control handle
- Rate setting control on handle for precise adjustments
- Easy three-step assembly
- Includes: Raincover, screen
- Coverage: 15,000 sq. ft.
- Spread width: 10' - 12'



NN138



NN139

| Model No. | Load Capacity | Pneumatic Tire Size |
|-----------|---------------|---------------------|
| NN138 | 70 lbs. | 10" |
| NN139 | 125 lbs. | 14" |

NOZZLES & INSULATED TARPS

COLD WATER PISTOL GRIP NOZZLE

- Vinyl molded comfort grip
- For use with water temperatures under 26°C (80°F)
- Continuous-spray stainless steel clip
- Threaded for attaching accessories
- Non-Insulated
- Max. Pressure: 100 psi
- Rear-Trigger
- Body material: Zinc & Vinyl
- Fitting material: POM (Black Colour) with Aluminum Center (Brass Colour)

Model No. NM814



COLD/WARM WATER PISTOL GRIP NOZZLE

- Heavy-duty construction and components
- For use with water temperatures up to 49°C (120°F)
- Continuous-spray stainless steel clip
- Threaded for attaching accessories
- Insulated
- Max. Pressure: 100 psi
- Rear-Trigger
- Body material: Zinc & TPR
- Fitting material: POM (Black Colour) with Aluminum Center (Brass Colour)

Model No. NM816



COLD/WARM WATER PISTOL GRIP NOZZLE

- Ergonomic grip for longer usage
- For use with water temperatures up to 49°C (120°F)
- Continuous-spray stainless steel clip
- Screen filter prevents clogs
- Insulated
- Max. Pressure: 100 psi
- Rear-Trigger
- Body material: Zinc & ABS
- Fitting material: POM (Black Colour) with Aluminum Center (Brass Colour)
- Adjustment pin material: Aluminum

Model No. NM815



HOT WATER PISTOL GRIP NOZZLE

- Heavy-duty construction and components
- Poly-clad metal body for use with hot and cold water
- For use with water temperatures up to 71°C (160°F)
- Continuous-spray stainless steel clip
- Threaded for attaching accessories
- Insulated
- Max. Pressure: 100 psi
- Rear-Trigger
- Body material: Zinc & TPR
- Fitting material: Aluminum (Brass Colour)
- Adjustment pin material: Aluminum & TPR

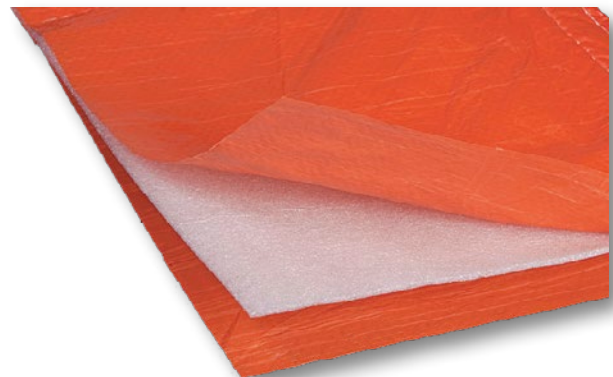
Model No. NM817



INSULATED TARPULINS

- Lightweight and flexible, moisture resistant insulated tarpaulin
- Manufactured with 3/16" closed cell polyethylene foam insulation
- R-value is maintained in damp cold conditions
- Durable, water resistant polyethylene shell
- Heavy-duty rust resistant grommets every 2'
- R value: 1.0
- Dimensions: 12' W x 20' L
- Thickness: 8 mils

Model No. JD420



STANDARD-DUTY BLUE

- Reinforced polypropylene rope sewn in welded hems
- Increased UV resistance for long life
- Water-resistant coating
- Finished sizes may vary due to hem allowance
- Heavy-duty rust-resistant grommets every 36"
- 8 x 8 weave density
- 100 micrometres (4-mil) thick



| Model No. | Dimensions W' x L' |
|-----------|--------------------|
| NI768 | 5 x 7 |
| NI769 | 6 x 8 |
| NI770 | 8 x 10 |
| NI771 | 10 x 12 |
| NI772 | 10 x 20 |
| NI773 | 12 x 16 |
| NI774 | 16 x 20 |

| Model No. | Dimensions W' x L' |
|-----------|--------------------|
| NI775 | 18 x 24 |
| NI776 | 20 x 30 |
| NI777 | 24 x 30 |
| NI778 | 30 x 40 |
| JC510 | 30 x 50 |
| JC511 | 40 x 50 |
| NI779 | 40 x 60 |

HEAVY-DUTY WHITE

- Reinforced polypropylene rope sewn in welded hems
- Increased UV resistance for long life
- Water-resistant coating
- Finished sizes may vary due to hem allowance
- Heavy-duty rust-resistant grommets every 36"
- 10 x 10 weave density
- 150 micrometres (6-mil) thick
- Four corner patches

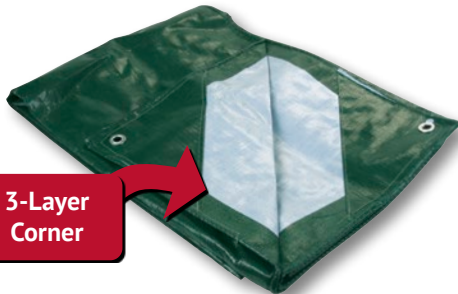


| Model No. | Dimensions W' x L' |
|-----------|--------------------|
| NI780 | 6 x 8 |
| NI781 | 8 x 10 |
| NI782 | 10 x 12 |
| NI783 | 16 x 12 |
| NI784 | 16 x 20 |
| JC512 | 18 x 24 |

| Model No. | Dimensions W' x L' |
|-----------|--------------------|
| JC513 | 20 x 30 |
| NI785 | 24 x 30 |
| JC514 | 30 x 40 |
| JC515 | 30 x 50 |
| JC625 | 40 x 50 |
| JB508 | 40 x 60 |

INDUSTRIAL GREEN/SILVER

- Reinforced polypropylene rope sewn in welded hems
- Increased UV resistance for long life
- Water-resistant coating
- Finished sizes may vary due to hem allowance
- Heavy-duty rust-resistant grommets every 20"
- 14 x 14 high density weave
- 225 micrometres (9-mil) thick
- 9" x 9" triple-layered on four corners
- Silver side provides heat and UV light diversion



| Model No. | Dimensions W' x L' |
|-----------|--------------------|
| JB567 | 6 x 8 |
| JB568 | 8 x 10 |
| JB569 | 10 x 12 |
| JB570 | 16 x 12 |
| JB571 | 16 x 20 |

| Model No. | Dimensions W' x L' |
|-----------|--------------------|
| JB572 | 20 x 30 |
| JC516 | 30 x 40 |
| JC517 | 30 x 50 |
| JC518 | 40 x 50 |
| JB573 | 40 x 60 |

SUPER HEAVY-DUTY SILVER

- Reinforced polypropylene rope sewn in welded hems
- Increased UV resistance for long life
- Water-resistant coating
- Finished sizes may vary due to hem allowance
- Heavy-duty rust-resistant grommets every 30"
- 16 x 16 high density weave
- 300 micrometres (12-mil) thick
- 9" x 9" triple-layered on four corners



| Model No. | Dimensions W' x L' |
|-----------|--------------------|
| JC626 | 8 x 10 |
| JC627 | 10 x 12 |
| JC628 | 16 x 20 |
| JC629 | 18 x 24 |
| JC630 | 20 x 30 |

| Model No. | Dimensions W' x L' |
|-----------|--------------------|
| JC631 | 24 x 30 |
| JC632 | 30 x 40 |
| JC633 | 30 x 50 |
| JC634 | 30 x 60 |
| JC635 | 40 x 60 |

TARPS

HEAVY DUTY CAMOUFLAGE TARPAULINS

- 10 x 10 weave density
- Water-resistant coating
- Reinforced polypropylene rope sewn in welded hems
- 150 micrometers (6 mil) thick
- Increased UV-resistance for long life
- Finished sizes may vary due to hem allowance



| Model No. | Dimensions W' x L' |
|-----------|--------------------|
| J1319 | 6 x 8 |
| J1320 | 8 x 10 |
| J1321 | 10 x 20 |
| J1322 | 12 x 16 |
| J1323 | 16 x 20 |
| J1324 | 18 x 24 |
| J1325 | 20 x 30 |
| J1326 | 30 x 40 |

INDUSTRIAL DUTY BLACK TARPAULINS

- 14 x 14 weave density
- Water-resistant coating
- Reinforced polypropylene rope sewn in welded hems
- 200 micrometers (8 mil) thick
- Increased UV-resistance for long life
- Finished sizes may vary due to hem allowance



| Model No. | Dimensions W' x L' |
|-----------|--------------------|
| J1327 | 6 x 8 |
| J1328 | 8 x 10 |
| J1329 | 10 x 20 |
| J1330 | 12 x 16 |
| J1331 | 16 x 20 |
| J1332 | 18 x 24 |
| J1333 | 20 x 30 |
| J1334 | 24 x 30 |
| J1335 | 30 x 40 |
| J1336 | 30 x 50 |
| J1337 | 40 x 50 |
| J1338 | 40 x 60 |

CLEAR TARPAULINS

- Polyethylene tarpaulin with reinforced nylon gridding
- Water and mildew resistant coating
- Heavy-duty rust resistant grommets
- 3 x 3 weave density
- 200 micrometers (8-mil) thick
- Finished sizes may vary due to hem allowance



| Model No. | Dimensions W' x L' |
|-----------|--------------------|
| JD414 | 8 x 10 |
| JD415 | 10 x 12 |
| JD416 | 16 x 20 |
| JD417 | 20 x 30 |
| JD418 | 30 x 40 |
| JD419 | 40 x 60 |

INDUSTRIAL WET/DRY VACUUMS

INDUSTRIAL WET/DRY STAINLESS STEEL VACS

- 8 US gallon (30.2 litres) stainless steel tank
- 5.5 peak HP motor
- 85 CFM air flow
- 72" Sealed pressure
- Swivel casters provide easy movement in any direction
- Positive lock on hose eliminates unexpected disconnections
- 18' power cord
- **1-1/4" accessories include:**
Flexible hose, extension wands, crevice tool, utility nozzle, floor brush, cartridge filter and dust bag

Model No. JC525



INDUSTRIAL WET/DRY STAINLESS STEEL VACS

- 16 US gallon (60.5 litres) stainless steel tank
- 6.5 peak HP motor
- 100 CFM air flow
- 80" Sealed pressure
- Heavy-duty rear wheels with swivel front casters provide easy movement
- Removable steel handle
- Positive lock on hose eliminates unexpected disconnections
- Large accessory storage box attached
- 20' Power cord
- **2-1/2" accessories include:**
Flexible hose, extension wands, crevice tool, utility nozzle, floor brush, cartridge filter and dust bag

Model No. JC528



ACCESSORIES & REPLACEMENT PARTS



| Model No. | Description | Fits US Gallon Size |
|-----------|-------------------------|---------------------|
| JC531 | Cartridge Filter | 8 - 16 |
| JC689 | HEPA Cartridge Filter | 8 - 16 |
| JC588 | Dust Collector Bag 3/Pk | 8 - 10 |
| JC591 | Dust Collector Bag 3/Pk | 16 |
| JC534 | Extension Wands | 8 - 10 |
| JC535 | Utility Brush | 8 - 10 |
| JC536 | 6' Flexible Hose | 8 - 10 |
| JC537 | Floor Brush | 8 - 10 |
| JC538 | Crevice Tool | 8 - 10 |
| JC539 | Caster Dolly | 8 - 10 |
| JC540 | Casters | 8 - 10 |

| Model No. | Description | Fits US Gallon Size |
|-----------|------------------------------------|---------------------|
| JC541 | Extension Wands | 16 |
| JC542 | Utility Brush | 16 |
| JC834 | 7' Flexible Hose for Ribbed Tank | 16 |
| JC544 | Floor Brush | 16 |
| JC545 | Crevice Tool | 16 |
| JC546 | Casters | 16 |
| JC547 | Rear Wheels | 16 |
| JD108 | Caster Brackets for Ribbed Tank | 16 |
| JC675 | Replacement Cartridge Filter Cover | 8 - 12 |

INDUSTRIAL WET/DRY VACUUMS

INDUSTRIAL WET/DRY POLY VACUUM

- Tank Capacity: 8 US Gal. (30.2 Litres)
- Peak HP: 6
- Motor Stage: 1-Stage
- Air Flow: 95 CFM
- Swivel casters provide easy movement in any direction
- Positive lock on hose eliminates unexpected disconnects
- 16' power cord
- **1-7/8" accessories include:** Flexible hose, extension wands, utility nozzle, crevice nozzle, floor brush, cartridge filter and dust bag

Model No. SDN116



INDUSTRIAL WET/DRY POLY VACUUM

- Tank Capacity: 16 US Gal. (60.5 Litres)
- Peak HP: 6
- Motor Stage: 1-Stage
- Air Flow: 100 CFM
- Swivel casters provide easy movement in any direction
- Positive lock on hose eliminates unexpected disconnects
- 16' power cord
- **2-1/2" accessories include:** Flexible hose, extension wands, utility nozzle, crevice nozzle, floor brush, cartridge filter and dust bag

Model No. SDN119



ACCESSORIES & REPLACEMENT PARTS



| Model No. | Description | Fits US Gallon Size |
|-----------|-------------------------|---------------------|
| JC531 | Cartridge Filter | 8 - 16 |
| JC689 | Hepa Cartridge Filter | 8 - 16 |
| JG724 | Dust Collector Bag 3/Pk | 8 - 10 |
| JC591 | Dust Collector Bag 3/Pk | 16 |
| JC534 | Extension Wand | 8 - 10 |
| JC541 | Extension Wand | 16 |
| JC535 | Utility Brush | 8 - 10 |

| Model No. | Description | Fits US Gallon Size |
|-----------|------------------|---------------------|
| JC542 | Utility Brush | 16 |
| JC536 | 6' Flexible Hose | 8 - 10 |
| JG731 | 6' Flexible Hose | 16 |
| JC537 | Floor Brush | 8 - 10 |
| JC544 | Floor Brush | 16 |
| JC538 | Crevice Tool | 8 - 10 |
| JC545 | Crevice Tool | 16 |

PAINT BRUSHES

AP100 SERIES PAINT BRUSHES

- 100% black polyester bristles
- Solid plastic handle
- Tin-plated ferrule
- Well-suited for latex-based paints
- Brush thickness: 1/4"



| Model No. | Width" |
|-----------|--------|
| KP307 | 1 |
| KP308 | 2 |
| KP765 | 3 |
| KP766 | 4 |

AP300 SERIES PAINT BRUSHES

- Natural bristles
- Solid plastic handle
- Tin-plated ferrule
- Well-suited for oil-based paints



| Model No. | Width" | Thickness" |
|-----------|--------|------------|
| KP300 | 1 | 9/16 |
| KP301 | 2 | 5/8 |
| KP302 | 3 | 5/8 |
| KP303 | 4 | 5/8 |

AP200 SERIES PAINT BRUSHES

- White China bristles
- Solid plain wood handle
- Tin-plated ferrule
- Well-suited for oil-based paints



| Model No. | Width" | Thickness" |
|-----------|--------|------------|
| KP306 | 1/2 | 5/16 |
| KP297 | 1 | 3/8 |
| KP298 | 2 | 3/8 |
| KP299 | 3 | 3/8 |

AP400 SERIES PAINT BRUSHES

- Foam brush
- Solid wood handle
- Disposable
- Well-suited for applying urethane or for touch-up jobs
- Brush width: 1"

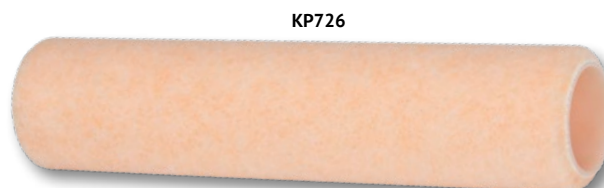


| Model No. | Description | Thickness" |
|-----------|-------------|------------|
| KP335 | Premium | 1 |
| KP304 | Standard | 7/16 |

MULTI-USE PAINT ROLLER SLEEVE

- Designed for smooth surfaces
- Length: 230 mm (9")
- Sleeve Material: Polyester Fibre
- Core Material: PP (Polypropylene)
- Core Diameter: 1-1/2"
- Application Type: Oil and Latex Paints

| Model No. | NAP" (mm) | Surface |
|-----------|-------------|-------------|
| KP726 | 1/4 (6) | Smooth |
| KP727 | 3/8 (9.525) | Semi-Smooth |



SPATULAS & MASKING TAPE

PAINTER'S MASKING TAPE

- High quality painting tape adheres to multiple surfaces
- Reliable adhesion resists paint bleed-through
- Removes cleanly in one piece
- Length: 180' (55 m)
- Colour: Green



| Model No. | Width |
|-----------|------------|
| PF690 | 1" (25 mm) |
| PF691 | 2" (50 mm) |

GENERAL PURPOSE MASKING TAPE

- Designed for all general purpose masking projects offering a good adhesion to a wide variety of surfaces
- Resists lifting or curling
- Removes easily and cleanly
- Length: 180' (55 m)
- Colour: Beige



| Model No. | Width |
|-----------|--------------|
| PF886 | 3/4" (19 mm) |
| PF887 | 1" (25 mm) |
| PF888 | 2" (50 mm) |

AP100 SERIES PAINT BRUSH SET

- Brush widths: 1", 2", 3" & 4"
- Tin-plated ferrule
- Well-suited for latex-based paints
- 100% black polyester bristles
- Plastic handle



| Model No. |
|-----------|
| KP853 |

AP200 SERIES PAINT BRUSH SET

- Brush widths: 1/2", 1", 2", & 3"
- White China bristles
- Tin-plated ferrule
- Well-suited for oil-based paints
- Wood handle



| Model No. |
|-----------|
| KP854 |

AP100 SERIES PAINT BRUSH SET

- Brush widths: 1", 2", 3" & 4"
- Tin-plated ferrule
- Well-suited for latex-based paints
- Natural bristles
- Plastic handle



| Model No. |
|-----------|
| KP855 |

EMPTY PAINT CANS

- Material: Metal
- Can Design: Plain
- Ideal for storing paints, coatings, and stains
- Features cover and handle for easy pouring, transport, and storage
- Tight-seal lid

| Model No. | Capacity |
|-----------|------------------------|
| KP922 | 1 US Gal. (3.78L) |
| KP923 | 0.25 US Gal. (946 ml) |
| KP924 | 0.125 US Gal. (473 ml) |

KP923



KP922



FACILITY MAINTENANCE

TEFLON SEALING TAPE

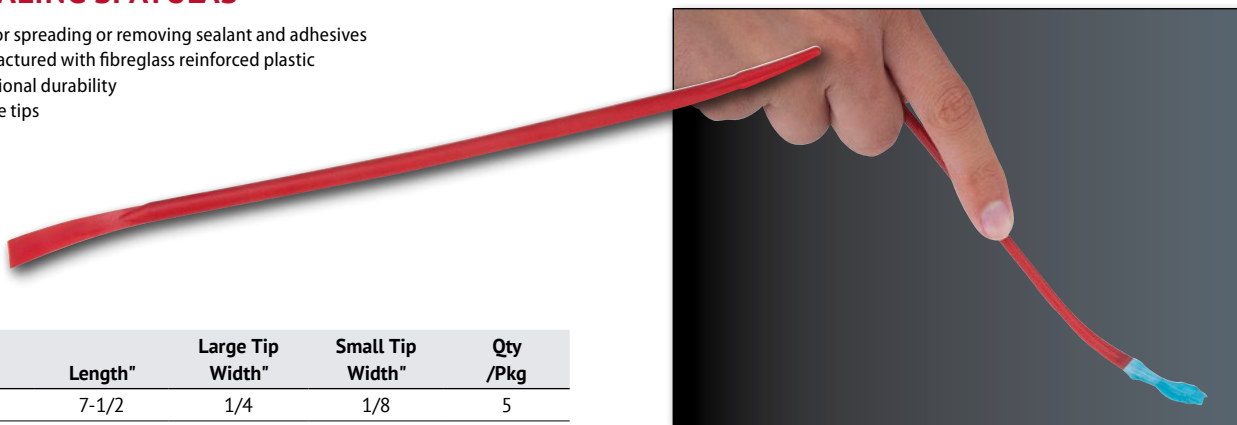
- Commonly used in plumbing for sealing pipe threads
- Ensures a tight seal: Works for both water and air
- Colour: White
- Tape Material: PTFE
- Thickness: 3 mils (0.0762mm)
- Density: 0.37 grams/cubic centimeter
- Working Temperatures Range:
-190°C to 260°C (-310°F to 500°F)

| Model No. | Length" | Width" |
|-----------|---------|--------|
| PG148 | 520 | 1/2 |
| PG149 | 520 | 3/4 |



SEALING SPATULAS

- Ideal for spreading or removing sealant and adhesives
- Manufactured with fibreglass reinforced plastic
- Exceptional durability
- Flexible tips

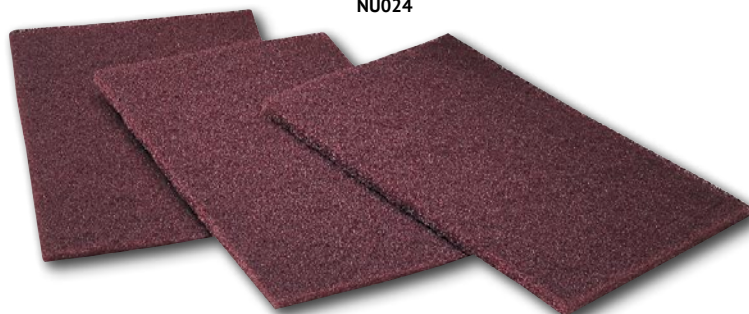


| Model No. | Length" | Large Tip Width" | Small Tip Width" | Qty /Pkg |
|-----------|---------|------------------|------------------|----------|
| TLV164 | 7-1/2 | 1/4 | 1/8 | 5 |
| TLV568 | 7-1/4 | 1/2 | 3/8 | 4 |

HAND PADS

- Non-woven, synthetic fibres, bonded together with specially formulated resins and impregnated throughout the web with mineral grain creating an open, three dimensional structure
- Designed for light-duty cleaning, polishing, scuffing, finishing and for heavy-duty paint, rust and corrosion removal
- Can be used for dry scuffing and finishing or may be used with water or chemical solvents
- Flexible and strong
- 6" x 9"

NU024



| Model No. | Description | Finish | Case Qty |
|-----------|------------------------|--------------|----------|
| NU022 | Tan Heavy-Duty | Coarse | 10 |
| NU023 | Green Industrial | Scouring | 20 |
| NU024 | Maroon General Purpose | Medium | 20 |
| NU025 | Grey Ultra-Fine | Ultra-Fine | 20 |
| NU026 | White Non-Abrasive | Non-Abrasive | 20 |

ALUMINUM TAPE & WELD-ON HINGES

ALUMINUM FOIL TAPE

- For general purpose use (seaming, patching and sealing)
- Acrylic adhesive has excellent adhesion and permanently bonds to clean/dry surfaces
- Ideal for HVAC applications
- Temperature Resistance: -20 °C to 120 °C



| Model No. | Width | Length | Thickness |
|-----------|----------------|---------------|-----------|
| PG176 | 1-7/8" (48 mm) | 150' (45.7 m) | 1.5 mils |
| PG177 | 3" (72 mm) | 150' (45.7 m) | 1.5 mils |
| PG178 | 1-7/8" (48 mm) | 180' (55 m) | 2 mils |
| PG179 | 3" (72 mm) | 180' (55 m) | 2 mils |
| PG180 | 1-7/8" (48 mm) | 180' (55 m) | 4.8 mils |

WELD-ON STEEL HINGES

- Ideal for gates, machinery doors, BBQ pits, electrical boxes, trailers and more
- Can be painted to match the door and frame
- Hinges are specially buffed and are free of burrs allowing for improved paint adherence
- Comes standard with rounded ends and with/without grease fittings
- Installation: Ensure the hinge is welded along the full length of the weld tab
- Component replacement parts are available
- Built to print solutions are available upon request
- Frame Material: Mild Steel w/Fixed Steel Pin
- Bushing Material: Brass

| Model No. | Grease Fitting | Length" | Diameter" | Pin Diameter" | Thickness" |
|-----------|----------------|---------|-----------|---------------|------------|
| TTV433 | Not Included | 1.575 | 0.315 | 0.197 | 0.374 |
| TTV434 | Not Included | 1.969 | 0.315 | 0.197 | 0.394 |
| TTV435 | Not Included | 2.756 | 0.453 | 0.236 | 0.512 |
| TTV436 | Not Included | 3.150 | 0.512 | 0.315 | 0.610 |
| TTV437 | Included | 3.150 | 0.512 | 0.315 | 0.610 |
| TTV438 | Included | 3.937 | 0.630 | 0.394 | 0.768 |
| TTV439 | Not Included | 3.397 | 0.630 | 0.394 | 0.768 |
| TTV440 | Not Included | 4.724 | 0.630 | 0.433 | 0.787 |
| TTV441 | Included | 5.906 | 0.787 | 0.512 | 0.984 |
| TTV442 | Not Included | 5.906 | 0.787 | 0.512 | 0.984 |
| TTV443 | Included | 7.874 | 0.906 | 0.630 | 1.122 |
| TTV444 | Not Included | 7.874 | 0.906 | 0.630 | 1.122 |
| TTV445 | Not Included | 10.236 | 1.102 | 0.748 | 1.457 |
| TTV446 | Included | 10.236 | 1.102 | 0.748 | 1.457 |





ELECTRICAL

| | |
|--------------------------|-------|
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| Workshop power box | 20 |
| Surge Suppressors | 21 |
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| Dock Lights | 25 |
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EXTENSION CORDS

OUTDOOR VINYL TRIPLE TAP EXTENSION CORDS

- Designed for industrial and contractor use
- Vinyl jacket protects against rough use, chemicals, and moisture
- Vinyl jacket provides added flexibility
- Molded-on and bonded plugs and connectors resist breaking

3-CONDUCTOR SJTW, 300 VOLTS GROUNDING

| Model No. | Length' | AWG | Amps | Watts | Colour |
|-------------------------|---------|------|------|-------|--------|
| HEAVY-DUTY | | | | | |
| XC488 | 25 | 14/3 | 15 | 1875 | Red |
| XC489 | 50 | 14/3 | 15 | 1875 | Red |
| XC490 | 100 | 14/3 | 13 | 1625 | Red |
| EXTRA HEAVY-DUTY | | | | | |
| XC491 | 25 | 12/3 | 15 | 1875 | Red |
| XC492 | 50 | 12/3 | 15 | 1875 | Red |
| XC493 | 100 | 12/3 | 15 | 1875 | Red |



OUTDOOR VINYL EXTENSION CORDS WITH LIGHT INDICATOR

- Designed for industrial and contractor use
- Vinyl jacket protects against rough use, chemicals, and moisture
- Ultra flexible cord
- Lighted connectors allow you to see when the power is in use
- Molded-on and bonded plugs and connectors resist breaking
- Water resistant and flame retardant

3-CONDUCTOR SJTOW, 300 VOLTS GROUNDING, OIL RESISTANT

| Model No. | Length' | AWG | Amps | Watts | Colour |
|-------------------------|---------|------|------|-------|--------|
| EXTRA HEAVY-DUTY | | | | | |
| XC494 | 25 | 12/3 | 15 | 1875 | Yellow |
| XC495 | 50 | 12/3 | 15 | 1875 | Yellow |
| XC496 | 100 | 12/3 | 15 | 1875 | Yellow |



OUTDOOR TRIPLE TAP VINYL EXTENSION CORDS WITH LIGHT INDICATOR

- Same great features as outdoor single tap vinyl extension cords but with a lighted triple tap connector

3-CONDUCTOR SJTOW, 300 VOLTS GROUNDING, OIL RESISTANT

| Model No. | Length' | AWG | Amps | Watts | Colour |
|-------------------------|---------|------|------|-------|--------|
| EXTRA HEAVY-DUTY | | | | | |
| XC497 | 25 | 12/3 | 15 | 1875 | Yellow |
| XC498 | 50 | 12/3 | 15 | 1875 | Yellow |
| XC499 | 100 | 12/3 | 15 | 1875 | Yellow |



EXTENSION CORDS

INDOOR/OUTDOOR STANDARD-DUTY EXTENSION CORDS

- Designed for light industrial, contractor, and home use
- Durable SJTW jacket protects against ultraviolet rays, chemicals and moisture
- Extremely flexible jacket
- Molded-on and bonded plugs and connectors resist breaking



3-CONDUCTOR SJTW, 125 VOLTS GROUNDING

| Model No. | Length' | AWG | Amps | Watts | Colour |
|-----------|---------|------|------|-------|--------|
| XC630 | 10 | 16/3 | 13 | 1625 | Orange |
| XC631 | 15 | 16/3 | 13 | 1625 | Orange |
| XC632 | 25 | 16/3 | 13 | 1625 | Orange |
| XC633 | 50 | 16/3 | 13 | 1625 | Orange |



OUTDOOR VINYL EXTENSION CORDS

- Designed for industrial and contractor use
- Vinyl jacket protects against rough use, chemicals, and moisture and provides added flexibility
- Molded-on and bonded plugs and connectors resist breaking



3-CONDUCTOR SJTW, 300 VOLTS GROUNDING

| Model No. | Length' | AWG | Amps | Watts | Colour |
|-------------------------|---------|------|------|-------|--------|
| HEAVY-DUTY | | | | | |
| XC482 | 25 | 14/3 | 15 | 1875 | Orange |
| XC483 | 50 | 14/3 | 15 | 1875 | Orange |
| XC484 | 100 | 14/3 | 13 | 1625 | Orange |
| EXTRA HEAVY-DUTY | | | | | |
| XC485 | 25 | 12/3 | 15 | 1875 | Yellow |
| XC486 | 50 | 12/3 | 15 | 1875 | Yellow |
| XC487 | 100 | 12/3 | 15 | 1875 | Yellow |



ALL WEATHER TPE-RUBBER EXTENSION CORDS WITH LIGHT INDICATOR

- Designed for industrial and contractor use
- All weather jacket provides ultra flexibility and superior performance in extreme climate conditions at temperatures from -50°C to 105°C
- Provides outstanding resistance against rough use, sunlight, chemicals and moisture
- Water resistant and flame retardant
- Lighted connectors allow you to see when the power is in use
- Molded-on and bonded plugs and connectors resist breaking



3-CONDUCTOR SJEOW, 300 VOLTS GROUNDING

| Model No. | Length' | AWG | Amps | Watts | Colour |
|-------------------------|---------|------|------|-------|-------------|
| HEAVY-DUTY | | | | | |
| XC500 | 25 | 14/3 | 15 | 1875 | Blue/Orange |
| XC501 | 50 | 14/3 | 15 | 1875 | Blue/Orange |
| XC502 | 100 | 14/3 | 13 | 1625 | Blue/Orange |
| EXTRA HEAVY-DUTY | | | | | |
| XC503 | 25 | 12/3 | 15 | 1875 | Blue/Orange |
| XC504 | 50 | 12/3 | 15 | 1875 | Blue/Orange |
| XC505 | 100 | 12/3 | 15 | 1875 | Blue/Orange |



ELECTRICAL ACCESSORIES

TRIPLE TAP ALL-WEATHER TPE-RUBBER EXTENSION CORDS WITH LIGHT INDICATOR

- Designed for industrial and contractor use
- All-weather jacket provides ultra flexibility and superior performance in extreme climate conditions at temperatures from -50°C to 105°C
- Provides outstanding resistance against rough use, sunlight, chemicals and moisture
- Water-resistant and flame retardant
- Lighted connectors allow you to see when the power is in use
- Molded-on and bonded plugs and connectors resist breaking



3-CONDUCTOR SJEOW, 300 V GROUNDING

| Model No. | Length' | AWG | Amps | Watts | Colour |
|-------------------------|---------|------|------|-------|-------------|
| HEAVY-DUTY | | | | | |
| XH235 | 25 | 14/3 | 15 | 1875 | Blue/Orange |
| XH236 | 50 | 14/3 | 15 | 1875 | Blue/Orange |
| XH237 | 100 | 14/3 | 13 | 1625 | Blue/Orange |
| EXTRA HEAVY-DUTY | | | | | |
| XH238 | 25 | 12/3 | 15 | 1875 | Blue/Orange |
| XH239 | 50 | 12/3 | 15 | 1875 | Blue/Orange |
| XH240 | 100 | 12/3 | 15 | 1875 | Blue/Orange |



WIND-UP EXTENSION CORD

- 4 grounded outlets
- Built-in resettable circuit breaker
- Wind-up the cord by manually rotating the wheel
- Length: 25'
- Gauge (AWG): 16/3
- Amps: 10 A
- Wattage: 1250 W

Model No. XE671



WORKSHOP POWER BOX

- Rated Joules: 1350 J
- Outlets: Total of 8 - 5 standard, 3 wide space
- Housing Material: Metal
- Features cord wrap and surge protector to protect your devices from an overload
- Lighted on/off switch
- Keyhole slots on the back of the unit allow the model to be mounted under a desk, on walls or other locations
- Indoor use only
- Cord Length: 6'
- Amps: 15 A
- Wattage: 1875 W
- Voltage: 125 V

Model No. XH162



ELECTRICAL ACCESSORIES

► SURGE SUPPRESSOR

- Lighted on/off switch with built-in circuit breaker
- Protects against damage caused by power spikes
- Ideal for multiple electronic devices
- No. of Outlets: 6
- Cord Length: 3'
- Rated Joules: 200
- Amps: 15 A
- Wattage: 1875 W
- Voltage: 125 V

Model No. XE670



► USB CHARGING SURGE PROTECTOR

- USB Power Strip will protect devices from power surges and spikes
- Protected mode indicator light
- Lighted ON/OFF switch
- No. of Outlets: 6
- Cord Length: 6'
- Rated Joules: 1200 J
- Amps: 15 A
- Wattage: 1875 W
- Voltage: 125 V
- No. of USB Ports: 2
- USB Charging Ports: 2.1 Amp
- Housing Material: ABS Plastic
- Colour: White

Model No. XH064



► PVC GROUNDING CONNECTOR

- Amps: 15 A
- Volts: 125 V
- Cord diameter: 0.245" - 0.655"
- Wire gauge: 16/3 to 14/3 cords
- Colour: Yellow
- Moisture and chemical resistant plastic body
- Ideal for indoor and outdoor use
- Nema configuration: 5-15P/5-15R
- Body material: Plastic

Model No. XE673



► PVC GROUNDING PLUG

- Amps: 15 A
- Volts: 125 V
- Cord diameter: 0.245" - 0.655"
- Wire gauge: 16/3 to 14/3 cords
- Colour: Yellow
- Moisture and chemical resistant plastic body
- Ideal for indoor and outdoor use
- Nema configuration: 5-15P/5-15R
- Body material: Plastic

Model No. XE672



WORK LIGHTS

PORTABLE HALOGEN WORK LIGHTS

- 500-watt halogen work light
- Heat resistant tempered glass face
- Adjustable tilting head
- Colour: Black and yellow
- Halogen bulb included
- Certified for sale in Canada by an accredited certification body
- IP54 rating for weather and dust resistance

Model No. XC949

REPLACEMENT BULB

Model No. XC951



PORTABLE LED WORK LIGHTS

- Adjustable tilting head
- Lumens: 2500
- Wattage: 20
- Housing Material: Aluminum
- Certified for sale in Canada by an accredited certification body
- IP65 rating for weather and dust resistance

Model No. XG816



TWIN-HEAD HALOGEN WORK LIGHTS

- Twin 500-watt halogen lights
- Heat resistant tempered glass face
- Adjustable tripod for desired height
- Extendable tripod legs provide greater stability
- Colour: Black and yellow
- Halogen bulbs included
- Certified for sale in Canada by an accredited certification body
- IP54 rating for weather and dust resistance

Model No. XC950

REPLACEMENT BULB

Model No. XC951



TWIN-HEAD LED WORK LIGHTS

- Adjustable tripod for desired height
- Extendable tripod legs provide greater stability
- Fixtures can adjust 120°
- Certified for sale in Canada by an accredited certification body
- Housing Material: Aluminum
- LED bulbs included
- IP65 rating for weather and dust resistance
- Lumens: 4800
- Wattage: 40

Model No. XG817



AFL100 LED FLASHLIGHT

- Super bright LED bulb
- Polypropylene body resists grease and chemicals
- Shatterproof lens
- Ribbed non-slip barrel
- High visibility yellow colour for easy visibility
- Batteries not included



| Model No. | Description | Lumens |
|-----------|------------------------|--------|
| XC977 | Flashlight, 2 AA-cells | 28 |
| XC978 | Flashlight, 2 D-cells | 35 |

AFL400 RECHARGEABLE LED SPOTLIGHT

- Single LED spotlight has an extremely bright beam featuring long distance visibility
- Spotlight features an additional side-light that can be used as a free-standing lantern
- Certified for sale in Canada by an accredited certification body
- Spotlight is ideal for various applications, such as household work, facility maintenance, general labor and recreational activities
- Side-light Lumens: 180
- Lumens (High): 516
- Run Time Hrs. (High): 6
- Material: Plastic
- Beam Distance (High): 500 m
- Batteries Included

Model No. XH109



AFL300 LED FLASHLIGHT

- Material: Aluminum
- Colour: Black
- High strength aluminum casing
- Shatterproof lens
- Batteries included
- **XE889**: 3 lighting settings: Low 9 LED, Medium 24 LED and High 45 LED

| Model No. | Lumens | Run Time Hrs | Batteries Required | Beam Distance | Bulb |
|-----------|--------|--------------|--------------------|---------------|--------|
| XE888 | 0-98 | 2-3 | 3 AAA | 35 m | 28 LED |
| XE889 | 31-157 | 2-3 | 4 AAA | 45 m | 45 LED |



XE888



XE889

AFL200 MINI LED FLASHLIGHT

- Includes wrist strap and three AAA alkaline batteries
- Nine ultra bright LED lights
- 25 lumens
- High-strength aluminum casing
- On/Off switch
- Lightweight design
- Rugged impact resistant housing

Model No. XD079



CREE® LED PENLIGHT

- Penlight is extremely durable while lightweight to alleviate wrist fatigue
- Aluminum body is corrosion and rust-resistant
- Attaches securely to pockets, belts and briefcases with convenient clip
- Penlight is ideal for various applications such as household work, automobile maintenance and recreational activities
- Lumens: 80
- Run Time Hrs. (High): 4
- Beam Distance (High): 50 m
- Batteries included: 2 x AAA

Model No. XH073



LIGHTS & BOOSTER CABLES

ANALOG BATTERY TESTER

- Compatible with the majority of standard household batteries
- Analog scale displays the capacity of the battery instantly (Replace, Low, Good)
- No batteries required to operate
- Moveable arm can fit multiple battery sizes
- Compact size and easy to use
- Battery Type(s): AAA, AA, C, D, 9V

Model No. XF613



BOOSTER CABLES

- Clamp design fits on both top-post and side-post batteries
- Surge suppressor on 2, 4, and 6 gauge cables protect a vehicles computer system from power surges during boosting
- Cable remains flexible in temperatures as low as -40°C
- Tangle-free

| Model No. | Wire Gauge | Amps | Length' |
|-----------|------------|------|---------|
| XE494 | 8 | 150 | 10 |
| XE495 | 6 | 400 | 16 |
| XE496 | 4 | 400 | 20 |
| XE497 | 2 | 400 | 20 |



INDUSTRIAL WORK LIGHT

- Light Capacity (watts): 75
- Cord Length: 25'
- Rugged impact resistant housing
- On/Off switch handle
- Certified for sale in Canada by an accredited certification body
- Lightweight design
- Grounded cord
- Includes: Hanging hook and electric outlet

Model No. XC660



LED HEADLAMP

- 7 ultra bright LED lights
- 3 brightness levels: 7 LEDs, 3 LEDs, 1 LED
- Water resistant
- Lightweight design
- Tilting head and adjustable head strap
- Batteries Required: 3 AAA

Model No. XC658



Hard hat
not included

CREE® LED HEADLAMP

- Lamp Type: Cree® LED
- Lumens: 30-120
- Run Time Hrs.: 6-20
- Material: Aluminum and Plastic
- Beam Distance: 120 m
- Batteries (Not Included): 3 AAA
- 3 Settings: High, Low and Strobe
- Head angle is adjustable
- Adjustable in/out zoom
- Water resistant

Model No. XE887



WORK LIGHTING

LED STRING WORK LIGHTS

- Each panel light outputs up to 1000 lumens
- LED bulbs built-in, no replacement bulbs required
- The integrated LED lights are designed to last for 30 000 hours
- Low power consumption allows 12 additional sets to be linked together
- Ideal for construction sites, indoor & outdoor use
- Comes with optional carabiners
- Cord Length: 50'
- Housing Material: Plastic
- Wire Gauge: 16/2
- Number of Lights: 5
- Light Temperature: 5000K
- Environmental Rating: IP55
- Wattage Per Panel: 10W
- Lumens Per Panel: 1000
- Distance Between Panels: 8-5/6'

Model No. XI021



DOCK LIGHT

- Built-in on-off switch
- Durable stainless steel cage for better protection of the light
- Bracket mounted for easy installation
- Arm sections are adjustable in all directions
- Features an adjustable screw to help direct the light where you need it
- Ideal for use in shipping/receiving docks, work lighting, spot lighting, and other similar applications
- Extended Arm Length: 40"
- Lamp Type: LED
- Wattage: 50W
- Head Type: Metal
- Lumens: 5500

Model No. XI316



ELECTRICAL TAPE

- Width: 3/4" (19 mm)
- Length: 60' (18 m)
- Material: Vinyl Plastic
- Thickness: 7 mils
- Electrical tape for splicing and insulating wires
- For use between -7°C and 80°C
- CSA approved

| Model No. | Colour |
|-----------|--------|
| XE890 | Black |
| XH383 | Red |
| XH384 | Green |
| XH385 | Blue |
| XH386 | White |
| XH387 | Yellow |





AIR TOOLS

| | |
|------------------------------------|--------|
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SANDERS, SCREWDRIVERS & CHIPPERS

DUAL-ACTION ORBIT SANDERS

- Dual-action, compact and lightweight design
- Lever throttle offers one-hand control
- Low vibration for swirl-free finishes
- Non-vacuum model
- Free speed: 10 000 RPM
- Average Air Consumption: 9 CFM
- Hose air inlet: 1/4" - 18 NPT
- Units come with a stick-on pad
- Hose size: 3/8" (9.5 mm)
- Horse power: 0.35 HP
- Vibration less than 0.80 m/s²
- Sound pressure Level: 78 (dBA)



SANDER

| Model No. | Dia." | Overall Length" | Weight lbs. |
|-----------|-------|-----------------|-------------|
| TLZ142 | 5 | 6-1/2 | 1.8 |
| TLZ143 | 6 | 7 | 1.9 |

SANDER PADS

| Model No. | Description |
|-----------|-------------------------|
| TLZ472 | Stick-on Pad For TLZ142 |
| TLZ473 | Hook-up Pad For TLZ142 |
| TLZ474 | Stick-on Pad For TLZ143 |
| TLZ475 | Hook-up Pad For TLZ143 |

1/4" AIR SCREWDRIVER

- Durable steel body
- Forward-reverse switch
- Low noise, low vibrations
- Overall length: 7-1/2"
- Weight: 2.4 lbs.
- Horse power: 0.5 HP



| Model No. | Free Speed RPM | Torque Range ft.-lbs. | Average Consumption CFM | Air Inlet | Hose Size | Vibrations Less Than m/s ² | Sound Pressure Level (dBA) |
|-----------|----------------|-----------------------|-------------------------|---------------|---------------|---------------------------------------|----------------------------|
| TLV495 | 1800 | 45-115 | 6 | 1/4" - 18 NPT | 3/8" (9.5 mm) | 0.7 | 82 |

AIR FLUX CHIPPER

- Lightweight and compact design permits increased operator efficiency
- Paddle style trigger offers better speed control and precision
- Low noise, low vibration
- Durability and longer life
- Comes with 35 mm flat chisel
- Overall length: 10-1/4"
- Weight: 4.1 lbs.

AVAILABLE ACCESSORIES:

20 mm flat chisel - **Model No. TLZ134**

35 mm flat chisel - **Model No. TLZ135**

Moil point - **Model No. TLZ136**



AIR NEEDLE SCALER

- Lightweight compact design permits increased operator efficiency
- Paddle style trigger offers better speed control and precision
- Low noise, low vibration
- Durability and longer life
- Comes with 19 needles
- Overall length: 16"
- Weight: 6.1 lbs.

REPLACEMENT NEEDLES:

7" Long, 19/pack - **Model No. TLZ132**



| Model No. | Description | Stroke | Blows per min. BPM | Average Consumption CFM | Air Inlet | Hose Dia. | Vibrations Less Than m/s ² | Sound Pressure Level (dBA) |
|-----------|-------------------|----------------|--------------------|-------------------------|---------------|---------------|---------------------------------------|----------------------------|
| TLZ133 | Air Flux Chipper | 1-1/2" (38 mm) | 4400 | 9 | 1/4" - 18 NPT | 3/8" (9.5 mm) | 10.2 | 92 |
| TLZ131 | Air Needle Scaler | 1-1/2" (38 mm) | 4000 | 9 | 1/4" - 18 NPT | 3/8" (9.5 mm) | 10.2 | 104.3 |

IMPACT WRENCHES

3/4" HEAVY-DUTY AIR IMPACT WRENCH

Model No. THZ672

- Twin hammer impact mechanism
- Three-step forward/reverse regulator allows the operator to adjust the power to the job
- Rear exhaust directs air away from work piece and operator
- Ergonomically designed to reduce operator fatigue
- Special heat-treatment of major parts and anvil for long life
- Soft rubber grip handle reduces fatigue
- Weight: 11 lbs.



THZ672

1/2" HEAVY-DUTY AIR IMPACT WRENCH

Model No. THZ673

- Pin-clutch hammer mechanism
- Built-in regulator to prevent over-torquing
- Low noise, low vibration
- Forward-reverse switch, and high-low speed regulator
- Durability and longer life
- Weight: 5 lbs.



THZ673

| Model No. | Square Drive | Bolt Capacity | Free Speed RPM | Torque Range ft-lbs. | Average Air Consumption CFM | Air Inlet | Hose Dia. | Vibrations Less Than m/s ² | Sound Pressure Level (dBA) |
|-----------|----------------|----------------|----------------|----------------------|-----------------------------|---------------|---------------|---------------------------------------|----------------------------|
| THZ672 | 3/4" (19 mm) | 1" (25.4 mm) | 4600 | 565-1100 | 9 | 1/4" - 18 NPT | 3/8" (9.5 mm) | 6.1 | 90 |
| THZ673 | 1/2" (12.7 mm) | 5/8" (15.9 mm) | 7000 | 25-320 | 12 | 1/4" - 18 NPT | 3/8" (9.5 mm) | 3.1 | 94 |

HEAVY-DUTY AIR IMPACT WRENCHES

- Ergonomic composite handle helps reduce operator fatigue and insulate vibration
- Exhaust air outlet directs air away from operator
- Forward-reverse switch, and high-low speed regulator
- Low noise, low vibration
- Air Inlet: 1/4" - 18 NPT
- Free Speed RPM: 10,000



TLZ137

| Model No. | Square Drive | Bolt Capacity | Overall Length" | Torque Range ft-lbs. | Average Air Consumption CFM | Weight | Hose Dia. | Vibrations Less Than m/s ² | Sound Pressure Level (dBA) |
|-----------|----------------|---------------|-----------------|----------------------|-----------------------------|----------|---------------|---------------------------------------|----------------------------|
| TLZ137 | 3/8" (9.53 mm) | 1/2" (13 mm) | 7" | 90-280 | 10.6 | 2.8 lbs. | 3/8" (9.5 mm) | 3.7 | 91.5 |
| TLZ138 | 1/2" (12.7 mm) | 5/8" (16 mm) | 7-3/4" | 400-1000 | 13.7 | 4.6 lbs. | 3/8" (9.5 mm) | 6.0 | 94 |

IMPACT & RATCHET WRENCHES

3/4" HEAVY-DUTY AIR IMPACT WRENCH

- Ergonomic composite handle and body helps reduce operator fatigue and insulate vibration
- Exhaust air outlet directs air away from operator
- Forward-reverse switch, and high-low speed regulator
- Overall length: 8"
- Weight: 5 lbs.



| Model No. | Square Drive | Bolt Capacity | Free Speed RPM | Torque Range ft.-lbs. | Average Air Consumption CFM | Air Inlet | Hose Dia. | Vibrations Less Than m/s ² | Sound Pressure Level (dBA) |
|-----------|--------------|---------------|----------------|-----------------------|-----------------------------|---------------|---------------|---------------------------------------|----------------------------|
| TLZ139 | 3/4" (19 mm) | 1" (26 mm) | 9000 | 450-1000 | 13.7 | 1/4" - 18 NPT | 3/8" (9.5 mm) | 9.2 | 95.9 |

1/4" STUBBY TYPE AIR RATCHET WRENCH

- Variable speed, reversible
- Paddle style trigger provides better speed control
- Powerful tool in a compact design
- Composite grip helps reduce operator fatigue and insulate vibration
- Overall length: 7-1/4"
- Weight: 1.4 lbs.



| Model No. | Square Drive | Free Speed RPM | Torque Range ft.-lbs. | Average Air Consumption CFM | Air Inlet | Hose Dia. | Vibrations Less Than m/s ² | Sound Pressure Level (dBA) |
|-----------|----------------|----------------|-----------------------|-----------------------------|---------------|--------------|---------------------------------------|----------------------------|
| TLZ140 | 1/4" (6.35 mm) | 230 | 5-30 | 3 | 1/4" - 18 NPT | 5/16" (8 mm) | 4.4 | 87 |

HEAVY-DUTY AIR RATCHET WRENCHES

- Variable speed, reversible
- Paddle style trigger provides better speed control
- Composite handle helps insulate vibration
- Ideal for automotive and industrial fastener removal and installation work



THZ671



THZ680

| Model No. | Square Drive Size | Free Speed RPM | Torque Range ft.-lbs. | Average Air Consumption CFM | Air Inlet | Hose Dia. | Horse Power HP | Vibration Less Than m/s ² | Sound Pressure Level (dBA) |
|-----------|-------------------|----------------|-----------------------|-----------------------------|---------------|---------------|----------------|--------------------------------------|----------------------------|
| THZ671 | 3/8" (9.5 mm) | 175 | 5-75 | 3 | 1/4" - 18 NPT | 3/8" (9.5 mm) | 0.45 | 1.0 | 78 |
| THZ680 | 1/2" (12.7 mm) | 175 | 5-75 | 3 | 1/4" - 18 NPT | 3/8" (9.5 mm) | 0.45 | 1.0 | 83 |

GRINDERS

5" PNEUMATIC ANGLE GRINDER

- 5/8" - 11 UNC spindle
- Powerful twin-chamber motor delivers much higher torque
- Ergonomic grip handle reduces operator fatigue
- Textured non-slip composite grip handle helps reduce vibration
- Side handle and wrenches included
- Weight: 3.1 lbs.



| Model No. | Grinding Wheel | Spindle Thread | Free Speed RPM | Average Air Consumption CFM | Air Inlet | Hose Size | Vibrations Less Than m/s ² | Sound Pressure Level (dBA) |
|-----------|----------------|----------------|----------------|-----------------------------|---------------|---------------|---------------------------------------|----------------------------|
| THZ674 | 5" (127 mm) | 5/8" (15.9 mm) | 10 000 | 5 | 1/4" - 18 NPT | 3/8" (9.5 mm) | 3.1 | 83 |

1/4" PNEUMATIC MINI DIE GRINDER

- Ergonomic composite grip handle helps reduce operator fatigue and vibration
- Power/speed regulator allows for easy RPM adjustment
- Twin-bearing design for smooth operation
- Wrenches included
- Weight: 0.9 lbs.



| Model No. | Collet Size | Free Speed RPM | Average Air Consumption CFM | Air Inlet | Hose Size | Horsepower HP | Vibrations Less Than m/s ² | Sound Pressure Level (dBA) |
|-----------|---------------|----------------|-----------------------------|---------------|---------------|---------------|---------------------------------------|----------------------------|
| THZ678 | 1/4" (6.4 mm) | 25 000 | 3 | 1/4" - 18 NPT | 3/8" (9.5 mm) | 0.35 | 0.1 | 83 |

1/4" PNEUMATIC ANGLE DIE GRINDER

- Ergonomic composite grip handle helps reduce operator fatigue and vibration
- Power/speed regulator allows for easy RPM adjustment
- Twin-bearing design for smooth operation
- Wrenches included
- Weight: 1.7 lbs.



| Model No. | Collet Size | Free Speed RPM | Average Air Consumption CFM | Air Inlet | Hose Size | Horsepower HP | Vibrations Less Than m/s ² | Sound Pressure Level (dBA) |
|-----------|---------------|----------------|-----------------------------|---------------|---------------|---------------|---------------------------------------|----------------------------|
| THZ679 | 1/4" (6.4 mm) | 18 000 | 3 | 1/4" - 18 NPT | 3/8" (9.5 mm) | 0.45 | 0.1 | 80 |

CUT-OFF TOOLS & DRILLS

3" AIR CUT-OFF TOOL

- Ergonomic composite grip handle helps reduce operator fatigue and insulate vibration
- Power/speed regulator allows for easy RPM adjustment
- Twin-bearing design for smooth operation and cut off
- Wrench and Hex Key included to lock/unlock the disc
- Weight: 1.8 lbs.



| Model No. | Cutting Wheel | Free Speed RPM | Average Air Consumption CFM | Air Inlet | Hose Size | Horsepower HP | Vibrations Less Than m/s ² | Sound Pressure Level (dBA) |
|-----------|---------------|----------------|-----------------------------|---------------|---------------|---------------|---------------------------------------|----------------------------|
| THZ677 | 3" (76.2 mm) | 21000 | 3 | 1/4" - 18 NPT | 3/8" (9.5 mm) | 0.45 | 0.2 | 81 |

3/8" AIR REVERSIBLE DRILL

Model No. THZ675

- Lightweight composite design minimizes operator fatigue
- Ergonomic grip reduces vibration
- Two-gear structure runs smoothly
- Weight: 2 lbs.



1/2" AIR REVERSIBLE DRILL

Model No. THZ676

- Lightweight composite design minimizes operator fatigue
- Ergonomic grip reduces vibration
- Two-gear structure runs smoothly
- Side handle included
- Weight: 3 lbs.



| Model No. | Chuck Size | Spindle Thread | Free Speed RPM | Average Air Consumption CFM | Air Inlet | Hose Size | Vibrations Less Than m/s ² | Sound Pressure Level (dBA) |
|-----------|----------------|-------------------|----------------|-----------------------------|---------------|---------------|---------------------------------------|----------------------------|
| THZ675 | 3/8" (9.5 mm) | 3/8" - 24 Threads | 1800 | 4 | 1/4" - 18 NPT | 3/8" (9.5 mm) | 0.10 | 88 |
| THZ676 | 1/2" (12.7 mm) | 3/8" - 24 Threads | 450 | 4 | 1/4" - 18 NPT | 3/8" (9.5 mm) | 0.15 | 88 |

UTILITY HAMMERS AND SCREWDRIVERS

1/4" UTILITY HAMMER

- Ideal for structural maintenance and repair
- Head Material: Steel



| Model No. | Air Consumption | Air Inlet | Sound Level (dBA) | BPM | Bore & Stroke | Cold Rivet Capacity | Overall Length | Chisel Shank | Bore Diameter |
|-----------|-----------------|-----------|-------------------|------|---------------------------------|---------------------|-----------------|----------------|--------------------|
| UAG272 | 25 CFM | 1/4" NPTF | 100 | 3000 | 3/4" x 2-5/8" (19.0mm x 66.0mm) | 1/4" (6.4 mm) | 7-1/2" (190 mm) | 0.401" (Round) | 3/4" ID (19.05 mm) |

5/16" UTILITY HAMMER

- Ideal for structural maintenance and repair
- Head Material: Steel



| Model No. | Air Consumption | Air Inlet | Sound Level (dBA) | BPM | Bore & Stroke | Cold Rivet Capacity | Overall Length | Chisel Shank | Bore Diameter |
|-----------|-----------------|-----------|-------------------|------|---------------------------------|---------------------|-------------------|----------------|--------------------|
| UAG273 | 25 CFM | 1/4" NPTF | 100 | 2200 | 3/4" x 3-5/8" (19.0mm x 92.0mm) | 5/16" (7.9 mm) | 9-13/16" (250 mm) | 0.401" (Round) | 3/4" ID (19.05 mm) |

DIRECT DRIVE REVERSIBLE SCREWDRIVER

- Chuck Type: Keyless
- Clutch Type: Direct Drive Reversible
- Handle Style: Pistol grip
- Operation: Trigger start



| Model No. | Air Consumption | Air Inlet | No Load RPM | Chuck Size | Sound Level (dBA) | Torque Range in-lbs. | Length | Weight | Air Hose Bore | Vibration Level |
|-----------|-----------------|-----------|-------------|------------|-------------------|----------------------|---------------|-------------------|---------------|-----------------------|
| UAG274 | 28 CFM | 1/4" NPTF | 13 000 | 1/4" | 88 | 216-312 | 5.6" (142 mm) | 1.98 lbs (0.9 kg) | 3/8" | <2.5 m/s ² |

PNEUMATIC SANDERS

BELT SANDER

- Ideal for detail work (shaping and finishing)
- Low maintenance motor
- Easy belt changes



| Model No. | Air Consumption | Air Inlet | Sound Level (dBA) | Belt Size | No Load RPM | Power | Wattage | Weight | Air Consumption At Free Speed | Hose I.D. |
|-----------|-----------------|-----------|-------------------|------------|-------------|--------|---------|---------------------|-------------------------------|-----------|
| UAG275 | 16 CFM | 1/4" NPTF | 85 | 13" - 3/8" | 16500 | 0.5 HP | 373 | 1.94 lbs. (0.88 kg) | L/s: 6.8 | 3/8" |

BELT SANDER

- Ideal for sanding, blending and smoothing operations in various industries
- Low maintenance motor
- Easy belt changes
- Right hand usage only



| Model No. | Air Consumption | Air Inlet | Sound Level (dBA) | Belt Size | No Load RPM | Power | Wattage | Weight | Air Consumption At Free Speed | Hose I.D. |
|-----------|-----------------|-----------|-------------------|------------|-------------|--------|---------|---------------------|-------------------------------|-----------|
| UAG276 | 16 CFM | 1/4" NPTF | 85 | 13" - 3/8" | 16500 | 0.5 HP | 373 | 1.94 lbs. (0.88 kg) | L/s: 6.8 | 3/8" |

VERTICAL SANDER

- Ideal for sanding, blending and smoothing operations in various industries

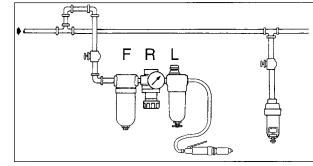


| Model No. | Air Consumption | Air Inlet | Sound Level (dBA) | No Load RPM | Disk Diameter | Paper Size | Spindle Thread | Vibration m/s ² | Net Weight |
|-----------|-----------------|-----------|-------------------|-------------|---------------|------------|----------------|----------------------------|--------------------|
| UAG277 | 24 CFM | 1/4" NPTF | 89 | 4500 | 7" | 180 mm | 5/8" x 11 UNC | <2.5 | 5.25 lbs (2.38 kg) |

FILTERS, REGULATORS & LUBRICATORS

SUGGESTIONS FOR INSTALLING FRL & DRAINS

The filter, regulator, and lubricator should be installed in the order shown in the illustration. Individual take-off lines to the FRL unit and air tool(s) should be from the top of the compressed air line. To trap and expel water, sludge, and other contaminants which may collect on the bottom of the air line, a mechanical drain should be used. Mechanical drains should be installed at low points in the piping system and at the far end of the distribution system.



MODULAR FILTER, REGULATOR & LUBRICATOR (GAUGE INCLUDED)

- Components are attached in series using spacers and piping adapters, which make the individual components easily removable and mountable without disturbing the pipe line
- Comes complete with wall mounting bracket
- Air filter, regulator and lubricator come with NPT threads and gauge
- Operating Pressure: 7-145 PSI

| Model No. | Connection Size | Max. Air Flow | Bowl Capacity fl. oz. | Filter Bowl Capacity oz. |
|---|-----------------|--------------------|-----------------------|--------------------------|
| POLYCARBONATE BOWL WITH STEEL BOWL GUARD | | | | |
| TTY181 | 1/4" NPT | 18 SCFM @ 105 PSI | 0.68 | 0.30 |
| TTY182 | 3/8" NPT | 71 SCFM @ 105 PSI | 1.92 | 1.08 |
| TTY183 | 1/2" NPT | 123 SCFM @ 105 PSI | 5.17 | 1.50 |
| METAL BOWL | | | | |
| TTY184 | 3/4" NPT | 123 SCFM @ 105 PSI | 6.8 | 5.60 |
| TTY185 | 1" NPT | 175 SCFM @ 105 PSI | 6.8 | 5.60 |



MODULAR FILTER/REGULATOR & LUBRICATOR (GAUGE INCLUDED)

- Space-saving, two-piece combination is a popular air preparation unit
- Attached in series using spacers and piping adapters, which make the two components easily removable and mountable without disturbing the pipe line
- Come complete with a wall mounting bracket
- Operating Pressure: 7-145 PSI
- Bowl Material: Polycarbonate bowl with steel bowl guard

| Model No. | Connection Size | Max. Air Flow | Bowl Capacity fl. oz. | Filter Bowl Capacity oz. |
|-----------|-----------------|-------------------|-----------------------|--------------------------|
| TTY178 | 1/4" NPT | 18 SCFM @ 105 PSI | 0.68 | 0.30 |
| TTY179 | 3/8" NPT | 44 SCFM @ 105 PSI | 1.93 | 1.08 |
| TTY180 | 1/2" NPT | 99 SCFM @ 105 PSI | 5.17 | 1.50 |



MODULAR AIR LUBRICATOR

- Used to feed lubricants to pneumatic equipment and maintain a constant oil-to-air density over a wide range of flow
- Fog/Micro Mist type, up to 50' pipe runs
- The head is fitted with oil drop indicator, oil drop controller and oil filling plug
- Designed for best performance with 32-grade oil
- Comes with NPT threads

| Model No. | Connection Size | Max. Air Flow | Bowl Capacity fl. oz. | Max. PSI |
|--|-----------------|-------------------|-----------------------|----------|
| MODULAR - POLYCARBONATE BOWL W/STEEL BOWL GUARD | | | | |
| TTY170 | 1/4" NPT | 48 SCFM @ 90 PSI | 0.68 | 145 |
| TTY171 | 3/8" NPT | 106 SCFM @ 90 PSI | 1.98 | 145 |
| TTY172 | 1/2" NPT | 200 SCFM @ 90 PSI | 5.13 | 145 |
| VERTICAL - METAL BOWL | | | | |
| TTY173 | 3/4" NPT | 255 SCFM @ 90 PSI | 6.8 | 290 |
| TTY174 | 1" NPT | 318 SCFM @ 90 PSI | 6.8 | 290 |



FILTERS, REGULATORS & LUBRICATORS

MODULAR AIR FILTER/REGULATOR (GAUGE INCLUDED)

- Filter-Regulator combination is the most popular air preparation units, assembled together to form a single unit
- Regulators are used to maintain a steady outlet pressure, unaffected by variations or fluctuations in the inlet pressure
- Filter used to separate dust, dirt, moisture and other contaminants from compressed air
- Press-type manual drain with nighttime drain feature, which automatically drains off the bowl once the compressed air supply to the filter is switched off
- Filter has sintered bronze, 40-micron filtering element
- Comes with NPT threads and gauge
- Max. PSI: 145 PSI
- Bowl Material: Polycarbonate bowl with steel bowl guard



| Model No. | Connection Size | Max. Air Flow | Bowl Capacity fl. oz. |
|-----------|-----------------|--------------------|-----------------------|
| TTY175 | 1/4" NPT | 20 SCFM @ 105 PSI | 0.3 |
| TTY176 | 3/8" NPT | 64 SCFM @ 105 PSI | 1.08 |
| TTY177 | 1/2" NPT | 106 SCFM @ 105 PSI | 1.5 |

MODULAR AIR FILTER

- Used to separate dust, dirt, moisture and other contaminants from compressed air
- Sintered bronze, 40-micron filtering element
- Designed with a separator and shield for efficient moisture separation
- Press-type manual drain with nighttime drain feature, which automatically drains off the bowl once the compressed air supply to the filter is switched off
- Comes with NPT threads
- Drain Type: Semi-Automatic
- Material Filtered: Combination
- Filtration Size (Microns): 40 Microns

| Model No. | Connection Size | Max. PSI | Bowl Material |
|-----------------|-----------------|----------|---------------|
| MODULAR | | | |
| TTY165 | 1/4" NPT | 145 | Polycarbonate |
| TTY166 | 3/8" NPT | 145 | Polycarbonate |
| TTY167 | 1/2" NPT | 145 | Polycarbonate |
| VERTICAL | | | |
| TTY168 | 3/4" NPT | 290 | Metal |
| TTY169 | 1" NPT | 290 | Metal |



MODULAR AIR REGULATOR (GAUGE INCLUDED)

- Regulators are used to maintain a steady outlet pressure, unaffected by variations or fluctuations in the inlet pressure
- Regulators step down the air line pressure and can be set at any desired pressure below the inlet air pressure
- Designed with a non-raising "Press to Lock" adjustment knob for locking at any set pressure
- These can be installed in any position and need not be vertically mounted
- Comes with NPT threads and gauge
- Max. PSI: 220 PSI

| Model No. | Connection Size | Max. Air Flow |
|-----------|-----------------|--------------------|
| TTY160 | 1/4" NPT | 21 SCFM @ 105 PSI |
| TTY161 | 3/8" NPT | 88 SCFM @ 105 PSI |
| TTY162 | 1/2" NPT | 140 SCFM @ 105 PSI |
| TTY163 | 3/4" NPT | 175 SCFM @ 105 PSI |
| TTY164 | 1" NPT | 210 SCFM @ 105 PSI |



AIR BLOW GUNS

AIR BLOW GUN WITH BRASS SAFETY NOZZLE

- Contoured design fits comfortably in the operator's hand
- Brass tip increases air flow
- Cushioned thumb lever
- Hook design allows for easy and convenient storage
- 1/4" (F) - 18 NPT Air inlet

Model No. TLV118



AIR BLOW GUN

- Contoured body fits comfortably in the operator's hand
- The body is made to protect the palm of the hand against the connection fittings
- Curved tip 5" long
- 1/4" (F) - 18 NPT Air inlet

Model No. TLZ146



BLOW GUN KIT - 5 PCS

- Contoured design fits comfortably in the operator's hand
- Chrome plated finish
- Large hanging hook
- 1/4" (F) - 18 NPT Air inlet
- Comes with four tips: safety tip, rubber tip, needle tip, and long needle tip

Model No. TLZ147



HEAVY-DUTY AIR BLOW GUN KIT - 7 PCS

- Impact and weather resistant nylon body
- Ergonomic soft rubber grip
- Variable speed trigger controls the amount of air dispensed
- Brass threaded air inlet ensures that threads do not shear
- Silent operation with noise level under 80 dB
- 1/4" (F) - 18 NPT air inlet
- Maximum working pressure: 235 PSI
- Operating temperature: -10° C to 70° C

KIT INCLUDES:

- Heavy-duty safety blow gun w/ 4-1/2" long S.S. nozzle
- 4" protective shield provides safety from projectiles
- Soft rubber star tip nozzle for use on delicate materials
- Venturi nozzle for turbo charging output
- 1/2" rubber tip for blowing out lines and cavities
- 1" rubber tip for blowing out lines and cavities
- 1-3/8" rubber tip for blowing out lines and cavities

Model No. TYB523



AIR BLOW GUNS

- Impact and weather resistant nylon body
- Ergonomic soft rubber grip
- Variable speed trigger controls the amount of air dispensed
- Brass threaded air inlet ensures that threads do not shear

► HEAVY-DUTY BLOW GUN

- Noise level at 100 PSI: 77 dB
- Standard tip

Model No. TYB519



- Silent operation with noise level under 80 dB
- 1/4" (F) – 18 NPT air inlet
- Maximum working pressure: 50-235 PSI
- Operating temperature: -10° C to 70° C

► HEAVY-DUTY SAFETY BLOW GUN

- Comes with snub nose rubber tip
- Noise level at 100 PSI: 77 dB
- Standard(s) Met: OSHA STD 1-13.1

Model No. TYB520



► HEAVY-DUTY SAFETY BLOW GUN W/STAINLESS STEEL NOZZLE

- Comes with 4-1/2" long stainless steel nozzle
- Noise level at 100 PSI: 80 dB
- Standard(s) Met: OSHA STD 1-13.1

Model No. TYB521



► HEAVY-DUTY SAFETY BLOW GUN W/STAINLESS STEEL NOZZLE & SILENCER

- Comes with 5-1/2" long stainless steel nozzle and a silencer
- Noise level at 100 PSI: 75 dB
- Standard(s) Met: OSHA STD 1-13.1

Model No. TYB522



HOSE REELS & ACCESSORIES

HOSE REELS

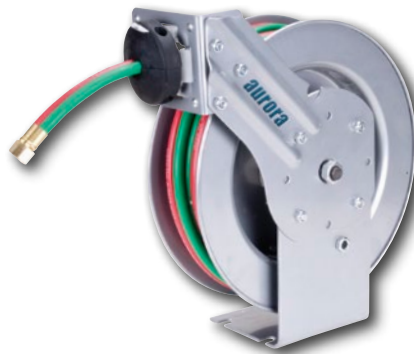
- Heavy-duty, reinforced steel stampings for increased strength
- Compact design allows reels to fit in tight locations
- Multi-position guide arm for multiple mounting options
- Kinkless, oil resistant high quality hose
- Spring rewind features long life spring with declutching arbour
- Durable, corrosion-resistant powder coat paint
- Good for air and water
- Hose Material: EPDM Rubber



| Model No. | Drive Type | Hose I.D." | Hose Length' | Max PSI | Hose Outlet" NPTM | Reel Inlet" NPT | Dimensions D" x W" x H" | Wt. lbs. |
|-----------|------------|------------|--------------|---------|-------------------|-----------------|-------------------------|----------|
| TLZ482 | Spring | 1/4 | 35 | 300 | 1/4 | 3/8 | 15-1/2 x 6 x 14 | 26.6 |
| TLZ483 | Spring | 3/8 | 25 | 300 | 1/4 | 3/8 | 15-1/8 x 6 x 13-7/8 | 26.2 |
| TLZ484 | Spring | 3/8 | 35 | 300 | 1/4 | 3/8 | 17-1/2 x 6-5/8 x 16-1/2 | 34.7 |
| TLZ485 | Spring | 3/8 | 50 | 300 | 1/4 | 3/8 | 20 x 6-1/2 x 18-3/8 | 40.3 |
| TLZ486 | Spring | 1/2 | 50 | 300 | 1/2 | 1/2 | 20-1/4 x 6-5/8 x 17-7/8 | 44.3 |

WELDING HOSE REELS

- Heavy-duty, reinforced steel stampings for increased strength
- Compact design allows reels to fit in tight locations
- 1/4" oxygen and acetylene twin hose
- Leak proof double O-ring seals
- Multi-position guide arms for multiple mounting options
- Kinkless, oil resistant high quality hoses
- Spring rewind features long life spring with declutching arbor
- Durable, corrosion-resistant powder coat paint
- Grade R hose



| Model No. | Drive Type | Hose I.D." | Hose Length' | Max PSI | Oxygen Inlet and Outlet | Acetylene Inlet and Outlet | Dimensions D" x W" x H" | Wt. lbs. |
|-----------|------------|------------|--------------|---------|-------------------------|----------------------------|-------------------------|----------|
| TLZ487 | Spring | 1/4 | 25 | 300 | 9/16" x 18 UNF (Female) | 9/16" x 18 UNF (Female) | 14-3/4 x 8 x 13-5/8 | 25.9 |
| TLZ488 | Spring | 1/4 | 50 | 300 | 9/16" x 18 UNF (Female) | 9/16" x 18 UNF (Female) | 20-1/2 x 8-5/8 x 20-1/2 | 42.2 |

AIR HOSE NYLON COILS WITH FITTINGS

- Light and easy to handle
- High impact and abrasion resistance
- Excellent elastic memory, can be stretched repeatedly yet return to original shape for convenient storage
- Temperature range: -5°C to 70°C
- Colour: High visibility yellow



| Model No. | Hose I.D." | NPT" | Length' | Max. Working Pressure PSI |
|-----------|------------|------|---------|---------------------------|
| TLZ150 | 1/4 | 1/4 | 25 | 200 |
| TLZ151 | 1/4 | 1/4 | 50 | 200 |
| TLZ152 | 3/8 | 3/8 | 25 | 300 |
| TLZ153 | 3/8 | 3/8 | 50 | 300 |

5-PIECE 1/4" PLUG QUICK COUPLER KIT

SET INCLUDES:

- 1x 1/4" Quick coupler
- 1x 1/4" Female plug
- 3x 1/4" Male plugs

Model No. TLZ148



3/8" AIR HOSE REPAIR KIT

SET INCLUDES:

- 1x Hose Splicer
- 1x Hose End Fitting
- 3x Hose Clamps

Model No. TLZ149





TOOL STORAGE

| | |
|-------------------------|-------|
| Tool Carts | 40-42 |
| Tool Chests | 40-43 |
| Mechanics Creeper | 42 |
| Utility Carts | 42 |
| Tool Pouches | 43 |
| Tool Bags | 43 |
| Tool Boxes | 43-44 |
| Compratment Cases | 44 |
| Tool Kits | 45-51 |

STEEL TOOL BOXES

INDUSTRIAL TOOL CARTS/CHESTS

- Double wall steel construction for added strength
- Full extension ball bearings slides on all drawers
- Extruded aluminum drawer handle trim
- Non-slip drawer liners
- Powder coat scratch resistant black paint
- Tool Cars Feature 2 fixed HD casters & 2 swivel HD casters with toe locks



| Model No. | Number of Drawers | Overall Depth" | Overall Width" | Overall Height" | Drawer Capacity | Unit Capacity | Caster Dimensions |
|--------------------|-------------------|----------------|----------------|-----------------|-----------------|---------------|--------------------------|
| TOOL CARTS | | | | | | | |
| TER064 | 5 | 18-3/4" | 27" | 31-1/2" | 100 lbs. | 1400 lbs. | 5" x 2" (127 mm x 51 mm) |
| TER065 | 7 | 18-3/4" | 27" | 39" | 100 lbs. | 1400 lbs. | 5" x 2" (127 mm x 51 mm) |
| TER067 | 11 | 18-3/4" | 41" | 39-1/3" | 100 lbs. | 1400 lbs. | 5" x 2" (127 mm x 51 mm) |
| TOOL CHESTS | | | | | | | |
| TER066 | 4 | 12" | 26" | 14-1/2" | 100 lbs. | 1000 lbs. | - |
| TER068 | 10 | 17-3/4" | 41" | 19" | 100 lbs. | 1000 lbs. | - |

STEEL TOOL BOXES

HEAVY-DUTY TOOL CART

- Heavy-duty double wall steel construction for added strength
- Quadra level ball bearing slides on all drawers
- Drawers feature soft close technology
- Heavy-duty reinforced bottom support rails for heavier loads
- Full extension slides for easy reach inside
- Integrated latch security drawer system prevents drawers from accidentally opening
- Powder coat scratch resistant black paint
- Non-slip drawer liners and a thick rubber top mat that provides an excellent working surface
- Power and USB outlets on the side of the cabinet makes it quick and easy to charge your power tools and mobile devices
- Heavy-duty casters with double layer ball bearings



| Model No. | Number of Drawers | Overall Depth" | Overall Width" | Overall Height" | Drawer Capacity | Unit Capacity | Caster Dimensions |
|-----------|-------------------|----------------|----------------|-----------------|-----------------|---------------|--------------------------|
| TER069 | 7 | 22" | 28" | 42-3/8" | 120 lbs. | 1400 lbs. | 5" x 2" (127 mm x 51 mm) |

ATB300 TOOL CART

- Double-walled steel construction for added strength
- Full extension ball bearings slides on all drawers
- Extruded aluminum drawer handle trim
- Keyed locking system for added security
- Round side chromed handle
- Non-slip drawer liners
- Tick top mat provides an excellent work surface
- High-gloss powder coat scratch-resistant paint
- Includes: 2 fixed HD casters & 4 swivel HD casters with toe locks - 5" (127mm) x 2" (51mm)



| Model No. | Number of Drawers | Overall Depth" | Overall Width" | Overall Height" | Drawer Capacity | Unit Capacity | Caster Dimensions |
|-----------|-------------------|----------------|----------------|-----------------|-----------------|---------------|------------------------|
| TEQ765 | 12 | 24-1/2" | 56" | 38-1/8" | 100 lbs. | 1200 lbs. | 5" (127mm) x 2" (51mm) |

UTILITY CARTS & MECHANICS CREEPER

MECHANIC CREEPER

- Built-in, padded, adjustable headrest
- 360° swivel casters
- Built-in handle makes it easy to adjust the headrest to alleviate neck pain
- Headrest: Adjustable
- Weight Capacity: 265 lbs.
- Overall Length: 16-3/4"
- Overall Width: 40-1/4"
- Overall Height: 4-3/4"
- Material: Vinyl
- Colour: Black
- No. of Casters: 6
- Caster Material: Steel

Model No. FLT527



UTILITY CARTS

- Heavy-duty steel construction
- Full extension ball bearing slides on all drawers
- High quality 4" swivel casters
- Drawer capacity: 100 lbs.
- Unit capacity: 550 lbs.
- High gloss powder coat scratch resistant black paint
- Assembly required



TEP483



| Model No. | No. of Drawers | Dimensions W" x D" x H" | Wt. lbs. |
|-----------|----------------|-------------------------|----------|
| TEP483 | 4 | 37 x 18-3/8 x 40-1/2 | 95 |

TOOL BOXES, BAGS & HOLDERS

► TOOL POUCHES



TER024



TER026



TER023



TER025



TER027

| Model No. | Number of Pockets | Overall Dimensions W" x D" x H" |
|-----------|-------------------|------------------------------------|
| TER023 | 8 | 24" L x 12" W x 12" H |
| TER024 | 5 | 3-1/2" L x 1-1/2" W x 8-3/4" H |
| TER025 | 3 | 6" L x 3-1/2" W x 9-3/4" H |
| TER026 | 4 | 6-1/4" L x 2" W x 9-1/2" H |
| TER027 | 4 | 5-1/4" L x 2" W x 7-1/2" H |

► 16" PORTABLE TOOL BOX

Model No. TEP516



► 21" PORTABLE TOOL BOX

Model No. TEP336



| Model No. | Description | Overall Dimensions W" x D" x H" | Wt. lbs. |
|-----------|--|------------------------------------|-------------|
| TEP516 | 16" Portable Tool Box With Metal Tool Tray | 16 x 6 x 6-1/2 | 10 |
| TEP336 | 21" Portable Tool Box With Metal Tool Tray | 21 x 8-3/4 x 9 | 20 |

PLASTIC TOOL BOXES

HEAVY-DUTY TOOL BOXES

- ABS plastic latches are virtually indestructible
- Heavy-duty polypropylene construction
- Removable inner trays
- Deep storage compartments
- Padlock eye for safe storage

| Model No. | Dimensions W" x D" x H" | Features |
|-----------|----------------------------|---|
| TLV082 | 15 x 7 x 5-1/2 | 1 Removable Inner Tray |
| TLV083 | 17-1/2 x 9-1/2 x 8 | 1 Removable Inner Tray |
| TLV084 | 17-1/2 x 9-1/2 x 8 | 1 Removable Inner Tray, 2 Parts Boxes, 1 Organizer |
| TLV085 | 22 x 11 x 10-1/2 | 1 Removable Inner Tray, 3 Organizers |
| TLV086 | 22 x 11 x 14-1/2 | 1 Removable Inner Tray, 3 Organizers, 2 Drawers |



TLV082

TLZ117
Parts Box



TLV083



TLV084



TLV085



TLV086

COMPARTMENT CASE

- High strength, high quality polypropylene case
- Translucent lid allows for quick view of contents
- Snap latch ensures a secure closure
- Removable dividers allow for different configurations

| Model No. | Dimensions W" x D" x H" | No. of Compartments |
|-----------|----------------------------|------------------------|
| CF333 | 10-3/4 x 5-3/8 x 1-1/2 | Variable up to 17 |
| TLZ117 | 5-1/2 x 5-1/2 x 1-1/2 | Variable up to 9 |



CF333

17-PIECE BASIC TOOL SET

SET INCLUDES:

| | |
|--------|--|
| TLV083 | Tool Box |
| TJZ062 | 1/4" Slot Screwdriver, 5" Shank |
| TJZ068 | #2 Phillips Screwdriver, 4" Shank |
| TJZ073 | #2 Square Tip Screwdriver, 6" Shank |
| TJZ033 | Hammer, 16-oz. Claw |
| TJZ079 | Groove Joint Pliers, 8" L |
| TJZ083 | Diagonal Cutting Pliers, 5" L |
| TJZ086 | Long Nose Pliers, 6" L |
| TJZ092 | Locking Pliers, 7" L |
| TJZ095 | Long Nose Locking Pliers, 6" L |
| TJZ117 | Measuring Tape, 16' L |
| PE549 | Utility Knife |
| TJZ102 | Adjustable Combo Wrench, 10" L |
| TJZ060 | 1/4" Stubby Slot Screwdriver, 1-1/2" Shank |
| TJZ069 | #2 Stubby Phillips Screwdriver, 1-1/2" Shank |
| TJZ076 | #2 Stubby Square Tip Screwdriver, 1-1/2" Shank |
| TJZ075 | #1 Stubby Square Tip Screwdriver, 1-1/2" Shank |

Model No. TLV075



28-PIECE ESSENTIAL TOOL SET

SET INCLUDES:

| | |
|--------|---------------------------------------|
| TLV084 | Tool Box |
| TJZ072 | #1 Square Screwdriver, 4" Shank |
| TJZ073 | #2 Square Screwdriver, 6" Shank |
| TJZ067 | #1 Phillips Screwdriver, 3-1/4" Shank |
| TJZ068 | #2 Phillips Screwdriver, 4" Shank |
| TJZ062 | 1/4" Slot Screwdriver, 5" Shank |
| TJZ064 | 5/16" Slot Screwdriver, 6" Shank |
| TNB733 | Hex Key Set, S.A.E. |
| TJZ801 | Measuring Tape, 1" W x 25' L, in/ft |
| TJZ078 | Slip Joint Pliers, 6" L |
| TJZ083 | Diagonal Cutting Pliers, 5" L |
| TJZ086 | Long Nose Pliers, 6" L |
| TJZ091 | Locking Pliers, 5" L |
| TJZ095 | Long Nose Locking Pliers, 6" L |
| TJZ101 | Adjustable Wrench, 8" L |
| PE549 | Utility Knife |
| TJZ033 | Hammer, 16 oz. |
| TJZ036 | Dead Blow Hammer, 16 oz. |
| TJZ040 | Ball Pein Hammer, 16 oz. |
| TJZ043 | Rubber Mallet, 16 oz. |

Model No. TYP013



TOOL KITS

40-PIECE MAINTENANCE TOOL SET

SET INCLUDES:

| | |
|--------|---------------------------------------|
| TLV083 | Tool Box |
| PE549 | Utility Knife |
| TYW991 | Hacksaw |
| TJZ033 | Hammer, 16 oz. |
| TJZ043 | Rubber Mallet, 16 oz. |
| TNB733 | Hex Key Set |
| TJZ080 | Groove Joint Pliers, 10" L |
| TJZ083 | Diagonal Cutting Pliers, 5" L |
| TJZ086 | Long Nose Cutting Pliers, 6" L |
| TJZ092 | Curved Jaw Locking Pliers, 7" L |
| TJZ095 | Long Nose Locking Pliers, 6" L |
| TJZ102 | Adjustable Wrench, 10" L |
| TJZ117 | Measuring Tape, 16' L |
| TJZ057 | 1/8" Slot Screwdriver, 3" Shank |
| TJZ061 | 1/4" Slot Screwdriver, 3" Shank |
| TJZ064 | 5/16" Slot Screwdriver, 3" Shank |
| TJZ067 | #1 Phillips Screwdriver, 3-1/4" Shank |
| TJZ068 | #2 Phillips Screwdriver, 4" Shank |
| TJZ072 | #1 Square Tip Screwdriver, 4" Shank |
| TJZ073 | #2 Square Tip Screwdriver, 6" Shank |
| TLV053 | S.A.E. Combo Wrench Set |
| SAN638 | Work Gloves |

Model No. TLZ459



56-PIECE DELUXE TOOL SET

SET INCLUDES:

| | |
|--------|--|
| TLV085 | Tool Box |
| PE549 | Utility Knife |
| TYW991 | Hacksaw |
| TNB733 | Hex Key Set, S.A.E. |
| TJZ079 | Groove joint pliers, 8" L |
| TJZ078 | Slip Joint Pliers, 6" L |
| TJZ083 | Diagonal Cutting Pliers, 5" L |
| TJZ086 | Long Nose Pliers, 6" L |
| TJZ088 | Linesman Pliers, 7" L |
| TJZ092 | Locking Pliers, 7" L |
| TJZ095 | Long Nose Locking Pliers, 6" L |
| TJZ102 | Adjustable Wrench, 10" L |
| TJZ801 | Measuring Tape, 1" W x 25' L, in/ft |
| TJZ058 | 3/16" Slot Screwdriver, 4" Shank |
| TJZ060 | 1/4" Stubby Slot Screwdriver, 1-1/2" Shank |
| TJZ063 | 1/4" Slot Screwdriver, 6" Shank |
| TJZ067 | #1 Phillips Screwdriver, 3-1/4" Shank |
| TJZ070 | #3 Phillips Screwdriver, 6" Shank |
| TJZ072 | #1 Square Screwdriver, 4" Shank |
| TJZ074 | #3 Square Screwdriver, 6" Shank |
| TLV055 | S.A.E. Combo Wrench Set |
| TJZ033 | Hammer, 16 oz. |
| TJZ043 | Rubber Mallet, 16 oz. |
| TJZ036 | Dead Blow Hammer, 16 oz. |
| TJZ040 | Ball Pein Hammer, 16 oz. |
| PF205 | Replacement Blades |

Model No. TYP012



118-PIECE PROFESSIONAL TOOL SET

SET INCLUDES:

| | | | |
|--------|--------------------------------|--------|--|
| TLV086 | Tool Box | TN8732 | Metric Hex Key Set |
| PE812 | Utility Knife | TJZ057 | 1/8" Slot Screwdriver, 3" Shank |
| TYW991 | Hacksaw | TJZ058 | 3/16" Slot Screwdriver, 3" Shank |
| TJZ033 | Hammer, 16 oz. | TJZ060 | 1/4" Stubby Slot Screwdriver 1-1/2" Shank |
| TJZ041 | Ball Pein Hammer, 24 oz. | TJZ061 | 1/4" Slot Screwdriver, 4" Shank |
| TJZ047 | Action Bar, 13-1/2" L | TJZ064 | 5/16" Slot Screwdriver, 6" Shank |
| TJZ078 | Split Joint Pliers, 6-1/2" L | TJZ065 | 3/8" Slot Screwdriver, 8" Shank |
| TJZ080 | Groove Joint Pliers, 10" L | TJZ066 | #0 Phillips Screwdriver, 2-1/2" Shank |
| TJZ084 | Diagonal Cutting Pliers, 7" L | TJZ067 | #1 Phillips Screwdriver, 3-1/4" Shank |
| TJZ087 | Long Nose Pliers, 8" L | TJZ068 | #2 Phillips Screwdriver, 4" Shank |
| TJZ089 | Linesman Pliers, 8" L | TJZ069 | #2 Stubby Phillips Screwdriver, 1-1/2" Shank |
| TJZ093 | Locking Pliers, 10" L | TJZ070 | #3 Phillips Screwdriver, 6" Shank |
| TJZ095 | Long Nose Locking Pliers, 6" L | TJZ071 | #0 Square Tip Screwdriver, 4" Shank |
| TJZ102 | Adjustable Wrench, 10" L | TJZ072 | #1 Square Tip Screwdriver, 4" Shank |
| TJZ801 | Measuring Tape, 25' L | TJZ073 | #2 Square Tip Screwdriver, 6" Shank |
| TLV053 | S.A.E. Combo Wrench Set | TJZ074 | #3 Square Tip Screwdriver, 6" Shank |
| TLV054 | Metric Wrench Set | TJZ076 | #2 Stubby Square Tip Screwdriver, 1-1/2" Shank |
| TLV357 | 24-pc. S.A.E. Socket Set | SAJ023 | Work Gloves |
| TLV358 | 24-pc. Metric Socket Set | SAP877 | Glasses |
| TJZ861 | Caliper | | |
| TN8731 | S.A.E. Hex Key Set | | |

Model No. TLZ460



▶ 112-PIECE INTERMEDIATE TOOL SET WITH CART

| | |
|---------------|--|
| TJ2065 | ATB300 Tool Cart, 7 Drawer, 27" x 18" x 35-1/2" |
| TJ2057 | Screwdriver, Slot Cabinet, 1/8" Tip, 3" Shank |
| TJ2058 | Screwdriver, Slot Cabinet, 3/16" Tip, 4" Shank |
| TJ2060 | Screwdriver, Slot Mechanics, 1/4" Tip, 1-1/2" Stubby Shank |
| TJ2061 | Screwdriver, Slot Mechanics, 1/4" Tip, 4" Shank |
| TJ2064 | Screwdriver, Slot Mechanics, 5/16" Tip, 6" Shank |
| TJ2065 | Screwdriver, Slot Mechanics, 3/8" Tip, 8" Shank |
| TJ2066 | Screwdriver, Phillips, #0 Tip, 2-1/2" Shank |
| TJ2067 | Screwdriver, Phillips, #1 Tip, 3-1/4" Shank |
| TJ2068 | Screwdriver, Phillips, #2 Tip, 4" Shank |
| TJ2069 | Screwdriver, Phillips, #2 Tip, 1-1/2" Stubby Shank |
| TJ2070 | Screwdriver, Phillips, #3 Tip, 6" Shank |
| TJ2071 | Screwdriver, Square, #0 Tip, 4" Shank |
| TJ2072 | Screwdriver, Square, #1 Tip, 4" Shank |
| TJ2073 | Screwdriver, Square, #2 Tip, 6" Shank |
| TJ2074 | Screwdriver, Square, #3 Tip, 6" Shank |
| TJ2076 | Screwdriver, Square, #2 Tip, 1-1/2" Stubby Shank |
| TJ2078 | Pliers, Slip Joint, 6" L |
| TJ2079 | Pliers, Groove Joint, 8" L |
| TJ2082 | Pliers, Diagonal Cutting, 5" L |
| TJ2084 | Pliers, Diagonal Cutting, 7" L |
| TJ2085 | Pliers, Long Nose Cutting, 5" L |
| TJ2087 | Pliers, Long Nose Cutting, 8" L |
| TJ2089 | Pliers, Linesman Cutting, 8" L |
| TJ2091 | Locking Pliers, Curved Jaw w/ Wire Cutter, 5" L |
| TJ2093 | Locking Pliers, Curved Jaw w/ Wire Cutter, 10" L |
| TJ2095 | Locking Pliers, Long Nose w/ Wire Cutter, 6" L |
| TJ2097 | Locking Pliers, C-Clamps w/ Swivel Pads, 11" L |

- | | |
|--------|---|
| TJZ100 | Wrench, Adjustable, 6", w/ Composite Grip |
| TJZ103 | Wrench, Adjustable, 12", w/ Composite Grip |
| TLV053 | Wrench Set With Pouch, 11-pc. S.A.E. |
| TLV054 | Wrench Set With Pouch, 11-pc. Metric |
| TNB731 | Hex keys, S.A.E. Short Arm, 13 Keys, 0.05" - 3/8" |
| TLV360 | Socket Set, 41-pc., 1/4" & 3/8" Drive S.A.E./Metric |
| TLZ396 | Cold Chisel, 5/16" x 5" L |
| TLZ398 | Cold Chisel, 1/2" x 6" L |
| TLZ400 | Cold Chisel, 3/4" x 7" L |
| TLZ417 | Centre Punch, 5/32" x 5" L |
| TLZ415 | Centre Punch, 5/64" x 3-1/2" L |
| TLZ419 | Centre Punch, 3/8" x 6-1/4" L |
| TLZ402 | Pin Punch 3/32" x 4-1/2" L |
| TLZ405 | Pin Punch 3/16" x 5-1/4" L |
| TLZ403 | Pin Punch 1/8" x 4-3/4" L |
| TYW991 | Hacksaw Frame, Standard, Adjustable 10" - 12" |
| TJZ047 | Action Bar, 1-3/8" x 1/4" x 13-1/2" |
| PE812 | Utility Knife, H-D, w/ Auto Reload, Snap-off Blades |
| TJZ033 | Hammer, Claw, Hickory Handle, 16-oz. |
| TJZ036 | Hammer, Dead Blow, 16-oz. |
| TJZ038 | Hammer, Dead Blow, 32-oz. |
| TJZ040 | Hammer, Ball Pein, 16-oz. |
| TJZ042 | Hammer, Ball Pein, 32-oz. |
| TJZ801 | Measuring Tape, HD, 1" W x 25' L, in/ft, Composite Grip |

48

86-PIECE TRADESMAN TOOL SET

SET INCLUDES:

| | | | |
|--------|--|--------|--|
| TLV086 | Tool Box | TJZ076 | #2 Stubby Square Tip Screwdriver, 1-1/2" Shank |
| PE812 | Utility Knife | TLV053 | 11-pc. S.A.E. Wrench Set |
| TYW991 | Hacksaw | TLV357 | 20-pc. 3/8" S.A.E. Socket Set |
| TJZ033 | Claw Hammer, 16 oz. | SAJ023 | Gloves |
| TJZ036 | Dead Blow Hammer, 16 oz. | SAP877 | Glasses |
| TNB731 | Hex Keys, S.A.E., 0.05" - 3/8" | TJZ047 | Action Bar, 13-1/2" L |
| TNB732 | Hex Keys, Metric, 1.5 mm - 10 mm | | |
| TJZ078 | Split Joint Pliers, 6" L | | |
| TJZ080 | Groove Joint Pliers, 10" L | | |
| TJZ084 | Diagonal Cutting Pliers, 7" L | | |
| TJZ087 | Long Nose Pliers, 8" L | | |
| TJZ089 | Linesman Pliers, 8" L | | |
| TJZ093 | Locking Pliers, 10" L | | |
| TJZ095 | Long Nose Locking Pliers, 6" L | | |
| TJZ102 | Adjustable Combo Wrench, 10" L | | |
| TJZ801 | Measuring Tape, 25' L | | |
| TJZ057 | 1/8" Slot Screwdriver, 3" Shank | | |
| TJZ058 | 3/16" Slot Screwdriver, 4" Shank | | |
| TJZ060 | 1/4" Stubby Slot Screwdriver, 1-1/2" Shank | | |
| TJZ061 | 1/4" Slot Screwdriver, 4" Shank | | |
| TJZ064 | 5/16" Slot Screwdriver, 6" Shank | | |
| TJZ065 | 3/8" Slot Screwdriver, 8" Shank | | |
| TJZ066 | #0 Phillips Screwdriver, 2-1/2" Shank | | |
| TJZ067 | #1 Phillips Screwdriver, 3-1/4" Shank | | |
| TJZ068 | #2 Phillips Screwdriver, 4" Shank | | |
| TJZ069 | #2 Stubby Phillips Screwdriver, 1-1/2" Shank | | |
| TJZ070 | #3 Phillips Screwdriver, 6" Shank | | |
| TJZ071 | #0 Square Tip Screwdriver, 4" Shank | | |
| TJZ072 | #1 Square Tip Screwdriver, 4" Shank | | |
| TJZ073 | #2 Square Tip Screwdriver, 6" Shank | | |
| TJZ074 | #3 Square Tip Screwdriver, 6" Shank | | |

Model No. TLV076



70-PIECE STARTER TOOL SET WITH STEEL CHEST

SET INCLUDES:

| | |
|--------|--|
| TER66 | ATB300 Tool Chest, 4 Drawer, 26" x 12" x 14-1/2" |
| TJZ040 | Hammer, Ball Pein, 16-oz. |
| TJZ036 | Hammer, Dead Blow, 16-oz. |
| TJZ033 | Hammer, Hickory Handle, Claw, 16-oz. |
| TJZ078 | Pliers, Slip Joint, Black Nickel Finish, 6" L |
| TJZ079 | Pliers, Groove Joint, 8" L |
| TJZ084 | Pliers, Diagonal Cutting, 7" L |
| TJZ086 | Pliers, Long Nose, Cutting, 6" L |
| TJZ088 | Pliers, Linesman Cutting, 7" L |
| TJZ092 | Locking Pliers, Curved Jaw w/ Wire Cutter, 7" L |
| TLZ417 | Centre Punch, 5/32" x 5" L |
| TLZ418 | Centre Punch, 1/4" x 6" L |
| TLZ403 | Pin Punch 1/8" x 4-3/4" L |
| TLZ405 | Pin Punch 3/16" x 5-1/4" L |
| TLZ397 | Cold Chisel, 3/8" x 5-1/2" L |
| TLZ398 | Cold Chisel, 1/2" x 6" L |
| TLZ400 | Cold Chisel, 3/4" x 7" L |
| TLZ412 | Drift Punch 1/4" x 12" L |
| TJZ072 | Screwdriver, Square, #1 Tip, 4" Shank |
| TJZ073 | Screwdriver, Square, #2 Tip, 6" Shank |
| TJZ067 | Screwdriver, Phillips, #1 Tip, 3-1/4" Shank |
| TJZ068 | Screwdriver, Phillips, #2 Tip, 4" Shank |
| TJZ057 | Screwdriver, Slot Cabinet, 1/8" Tip, 3" Shank |
| TJZ061 | Screwdriver, Slot Mechanics, 1/4" Tip, 4" Shank |
| TJZ064 | Screwdriver, Slot Mechanics, 5/16" Tip, 6" Shank |
| TJZ101 | Wrench, Adjustable, 8", Composite Grip |
| TJZ103 | Wrench, Adjustable, 12", Composite Grip |
| TNB733 | Hex Keys, S.A.E., Composite Grip Fold-up, 9 Keys |
| TLV055 | Wrench Set With Pouch, 14-pc. S.A.E. |
| TLV357 | Socket Set, 20-pc., 3/8" Drive S.A.E. |

Model No. TLV421



TOOL KITS



238-PIECE MASTER TOOL SET WITH STEEL CHEST & CART

SET INCLUDES:

- TER066 ATB300 Tool Chest, 6 Drawer, 26" x 18" x 19"
- TER065 ATB300 Tool Cart, 7 Drawer, 27" x 18" x 35-1/2"
- TJZ057 Screwdriver, Slot Cabinet, 1/8" Tip, 3" Shank
- TJZ058 Screwdriver, Slot Cabinet, 3/16" Tip, 4" Shank
- TJZ059 Screwdriver, Slot Cabinet, 3/16" Tip, 6" Shank
- TJZ060 Screwdriver, Slot Mechanics, 1/4" Tip, 1-1/2" Stubby shank
- TJZ061 Screwdriver, Slot Mechanics, 1/4" Tip, 4" Shank
- TJZ062 Screwdriver, Slot Mechanics, 1/4" Tip, 5" Shank
- TJZ063 Screwdriver, Slot Mechanics, 1/4" Tip, 6" Shank
- TJZ064 Screwdriver, Slot Mechanics, 5/16" Tip, 6" Shank
- TJZ065 Screwdriver, Slot Mechanics, 3/8" Tip, 8" Shank
- TJZ066 Screwdriver, Phillips, #0 Tip, 2-1/2" Shank
- TJZ067 Screwdriver, Phillips, #1 Tip, 3-1/4" Shank
- TJZ068 Screwdriver, Phillips, #2 Tip, 4" Shank
- TJZ069 Screwdriver, Phillips, #2 Tip, 1-1/2" Stubby Shank
- TJZ070 Screwdriver, Phillips, #3 Tip, 6" Shank
- TJZ071 Screwdriver, Square, #0 Tip, 4" Shank
- TJZ072 Screwdriver, Square, #1 Tip, 4" Shank
- TJZ073 Screwdriver, Square, #2 Tip, 6" Shank
- TJZ074 Screwdriver, Square, #3 Tip, 6" Shank
- TJZ075 Screwdriver, Square, #1 Tip, 1-1/2" Stubby Shank
- TJZ076 Screwdriver, Square, #2 Tip, 1-1/2" Stubby Shank
- TJZ077 Screwdriver, Square, #3 Tip, 1-1/2" Stubby Shank
- TJZ078 Pliers, Slip Joint, 6" L
- TJZ079 Pliers, Groove Joint, 8" L
- TJZ080 Pliers, Groove Joint, 10" L
- TJZ082 Pliers, Diagonal Cutting, 5" L
- TJZ083 Pliers, Diagonal Cutting, 6" L
- TJZ084 Pliers, Diagonal Cutting, 7" L
- TJZ085 Pliers, Long Nose Cutting, 5" L
- TJZ086 Pliers, Long Nose Cutting, 6" L
- TJZ087 Pliers, Long Nose Cutting, 8" L
- TJZ088 Pliers, Linesman Cutting, 7" L
- TJZ089 Pliers, Linesman Cutting, 8" L
- TJZ090 Locking Pliers, Curved Jaw w/ Wire Cutter, 4" L
- TJZ091 Locking Pliers, Curved Jaw w/ Wire Cutter, 5" L
- TJZ092 Locking Pliers, Curved Jaw w/ Wire Cutter, 7" L
- TJZ093 Locking Pliers, Curved Jaw w/ Wire Cutter, 10" L
- TJZ094 Locking Pliers, Long Nose w/ Wire Cutter, 4" L
- TJZ095 Locking Pliers, Long Nose w/ Wire Cutter, 6" L
- TJZ096 Locking Pliers, C-Clamps w/ Swivel Pads, 6" L
- TJZ097 Locking Pliers, C-Clamps w/ Swivel Pads, 11" L
- TJZ100 Wrench, Adjustable, 6" L, w/ Composite Grip
- TJZ101 Wrench, Adjustable, 8" L, w/ Composite Grip
- TJZ102 Wrench, Adjustable, 10" L, w/ Composite Grip
- TJZ103 Wrench, Adjustable, 12" L, w/ Composite Grip
- TJZ104 Wrench, Adjustable, 15" L
- TJZ105 Wrench, Adjustable, 18" L
- TJZ108 Wrench, Straight Pipe, 12" L, 2" Pipe Capacity
- TLV055 Wrench Set With Pouch, 14-pc. S.A.E.
- TLV056 Wrench Set With Pouch, 14-pc. Metric
- TLV356 Socket Set, 22-pc., 1/4" Drive S.A.E.
- TLV357 Socket Set, 20-pc., 3/8" Drive S.A.E.
- TLV358 Socket Set, 24-pc., 3/8" Drive Metric
- TLV359 Socket Set, 29-pc., 1/2" Drive S.A.E./Metric
- TLZ420 Cold Chisel Set, 6-pc.
- TLZ421 Pin Punch Set, 7-pc.
- TLZ422 Draft Punch Set, 7-pc.
- TLZ423 Centre punch Set, 5-pc.
- TYW991 Hacksaw Frame, Standard, Adjustable 10" - 12"
- TJZ047 Action Bar, 13-1/2" L
- PE812 Utility Knife, H-D, w/ Auto Reload, Snap-off Blades
- TJZ033 Hammer, Hickory Handle, Claw, 16-oz.
- TJZ034 Hammer, Hickory Handle, Framing, 22-oz.
- TJZ035 Hammer, Dead Blow, 8-oz.
- TJZ036 Hammer, Dead Blow, 16-oz.
- TJZ037 Hammer, Dead Blow, 24-oz.
- TJZ038 Hammer, Dead Blow, 32-oz.
- TJZ039 Hammer, Ball Pein, 8-oz.
- TJZ040 Hammer, Ball Pein, 16-oz.
- TJZ041 Hammer, Ball Pein, 24-oz.
- TJZ042 Hammer, Ball Pein, 32-oz.
- TJZ043 Mallet, Black, 16-oz.
- TJZ044 Mallet, Black, 32-oz.
- TNB731 Hex Keys, S.A.E. Short Arm, 13 Keys, 0.050" - 3/8"
- TNB732 Hex keys, Metric Short Arm, 9 Keys, 1.5 mm - 10 mm
- TJZ801 Measuring Tape, HD, 1" W x 25' L, in/ft, Composite Grip
- TJZ802 Measuring Tape, HD, 1" W x 25' L, in/cm, Composite Grip
- TJZ861 Digital Caliper, Stainless Steel, 8" L
- AD084 Mini Grease Gun, Push Type, 80 CC

Model No. TLV423

360 PIECE ULTIMATE TOOL SET

Looking for a tool... Look no further.
This ultimate set includes most of the items you will find in this catalogue.



Model No. TY0941

SET INCLUDES:

| | | | | | |
|---------------|--|---------------|--|---------------|-----------------------------------|
| TER068 | ATB400 Tool Chest, 6 Drawers | TJZ062 | 1/4" Slot Screwdriver, 5" Shank | TJZ094 | Long Nose Pliers, 4" L |
| TER067 | ATB400 Tool Cart, 14 Drawers | TJZ063 | 1/4" Slot Screwdriver, 6" Shank | TJZ095 | Long Nose Pliers, 6" L |
| AC509 | Grease Fitting Set | TJZ064 | 5/16" Slot Screwdriver, 6" Shank | TJZ096 | Locking Pliers, C-clamp, 6" L |
| AD084 | Grease Gun | TJZ065 | 3/8" Slot Screwdriver, 8" Shank | TJZ097 | Locking Pliers, C-clamp, 11" L |
| PE406 | Replacement Blades | TJZ066 | #0 Phillips Screwdriver, 2-1/2" Shank | TJZ099 | Locking Pliers, Sheet Metal, 8" L |
| PE812 | Utility Knife | TJZ067 | #1 Phillips Screwdriver, 3-1/4" Shank | TJZ100 | Adjustable Wrench, 6" L |
| THZ769 | Caliper | TJZ068 | #2 Phillips Screwdriver, 4" Shank | TJZ101 | Adjustable Wrench, 8" L |
| IA388 | Micrometer | TJZ069 | #2 Phillips Stubby Screwdriver, 1-1/2" Shank | TJZ102 | Adjustable Wrench, 10" L |
| TJZ801 | Measuring Tape, 1" W x 25' L in/ft | TJZ070 | #3 Phillips Screwdriver, 6" Shank | TJZ103 | Adjustable Wrench, 12" L |
| TJZ802 | Measuring Tape, 1" W x 25' L in/cm | TJZ071 | #0 Square Screwdriver, 4" Shank | TJZ104 | Adjustable Wrench, 15" L |
| TYW991 | Hacksaw | TJZ072 | #1 Square Screwdriver, 4" Shank | TJZ105 | Adjustable Wrench, 18" L |
| TJZ033 | Claw Hammer, 16 oz. | TJZ073 | #2 Square Screwdriver, 6" Shank | TJZ108 | Pipe Wrench, 12" L |
| TJZ034 | Claw Hammer, 22 oz. | TJZ074 | #3 Square Screwdriver, 6" Shank | TJZ110 | Pipe Wrench, 18" L |
| TJZ035 | Dead Blow Hammer, 8 oz. | TJZ075 | #1 Square Stubby Screwdriver, 1-1/2" Shank | TLV055 | Combination Wrench Set, S.A.E. |
| TJZ036 | Dead Blow Hammer, 16 oz. | TJZ076 | #2 Square Stubby Screwdriver, 1-1/2" Shank | TLV056 | Combination Wrench Set, Metric |
| TJZ037 | Dead Blow Hammer, 24 oz. | TJZ077 | #3 Square Stubby Screwdriver, 1-1/2" Shank | TJZ112 | Bolt Cutters |
| TJZ038 | Dead Blow Hammer, 32 oz. | TJZ078 | Slip Joint Pliers, 6" L | TLV361 | Socket Set, S.A.E./Metric |
| TJZ039 | Ball Pein Hammer, 8 oz. | TJZ079 | Groove Joint Pliers, 8" L | TLZ420 | Chisel Set |
| TJZ040 | Ball Pein Hammer, 16 oz. | TJZ080 | Groove Joint Pliers, 10" L | TLZ421 | Pin Punch Set |
| TJZ041 | Ball Pein Hammer, 24 oz. | TJZ082 | Diagonal Cutting Pliers, 5" L | TLZ422 | Drift Punch Set |
| TJZ042 | Ball Pein Hammer, 32 oz. | TJZ083 | Diagonal Cutting Pliers, 6" L | TLZ423 | Centre Punch Set |
| TJZ043 | Rubber Mallet, Black, 16 oz. | TJZ084 | Diagonal Cutting Pliers, 7" L | TNB733 | Hex Key Set, S.A.E. |
| TJZ044 | Rubber Mallet, Black, 32 oz. | TJZ085 | Long Nose Cutting Pliers, 5" L | TNB734 | Hex Key Set, Metric |
| TJZ047 | Action Bar 13-1/2" L | TJZ086 | Long Nose Cutting Pliers, 6" L | TYB504 | C-clamp, 4" Jaw Width |
| TJZ048 | Wrecking Bar, 18" L | TJZ087 | Long Nose Cutting Pliers, 8" L | TYB506 | C-clamp, 8" Jaw Width |
| TJZ049 | wrecking Bar, 24" L | TJZ088 | Linesman Pliers, 7" L | TYB508 | C-clamp, 12" Jaw Width |
| TJZ057 | 1/8" Slot Screwdriver, 3" Shank | TJZ089 | Linesman Pliers, 8" L | XC488 | Extension Cord 25' L |
| TJZ058 | 3/16" Slot Screwdriver, 4" Shank | TJZ090 | Locking Pliers, 4" L | XE887 | LED Headlamp |
| TJZ059 | 3/16" Slot Screwdriver, 6" Shank | TJZ091 | Locking Pliers, 5" L | XE889 | LED Flashlight |
| TJZ060 | 1/4" Slot Stubby Screwdriver, 1-1/2" Shank | TJZ092 | Locking Pliers, 7" L | | |
| TJZ061 | 1/4" Slot Screwdriver, 4" Shank | TJZ093 | Locking Pliers, 10" L | | |



HAND TOOLS

| | | | |
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INSULATED TOOL SET

INSULATED TOOL SET

- Meets the VDE insulated quality standard
- Leather carry case conveniently stores and protects tools
- Voltage Rating: 1000 V
- No. of Pieces: 10

SET INCLUDES:

VDE Slotted Screwdriver, 7/32" x 5" L
VDE Slotted Screwdriver, 5/32" x 4" L
VDE Slotted Screwdriver, 3/32" x 3" L
VDE Phillips® Screwdriver, #1 x 3-1/8" L
VDE Phillips® Screwdriver, #2 x 4" L
VDE Pozidriv® Screwdriver, #1 x 3-1/8" L
VDE Pozidriv® Screwdriver, #2 x 4" L
VDE Lineman Pliers, 6" L
VDE Long Nose Pliers, 6" L
VDE Side Cutting Pliers, 6" L

Model No. TYP305



ELECTRICAL TAPE

- Width: 3/4" (19 mm)
- Length: 60' (18 m)
- Material: Vinyl Plastic
- Thickness: 7 mils
- Electrical tape for splicing and insulating wires
- For use between -7°C and 80°C
- CSA approved

| Model No. | Colour |
|-----------|--------|
| XE890 | Black |
| XH383 | Red |
| XH384 | Green |
| XH385 | Blue |
| XH386 | White |
| XH387 | Yellow |



SCREWDRIVERS



Screwdriver type indication
on the base of the grip



- Industrial quality and strength
- Chrome vanadium steel blade
- Treated blade tip for a lifetime of performance
- Extra large ergonomic handle for maximum torque and comfort
- Colour-coded handle for square tip type
- Meets ANSI standards



Slot Electrician



Slot Mechanics



Phillips Tip



Square Tip

| Model No. | Tip Width" | Shank Length" |
|----------------------------|------------|---------------|
| — SLOT ELECTRICIANS | | |
| TJZ057 | 1/8 | 3 |
| TJZ058 | 3/16 | 4 |
| TJZ059 | 3/16 | 6 |
| — SLOT MECHANICS | | |
| TJZ060 | 1/4 | 1-1/2 Stubby |
| TJZ061 | 1/4 | 4 |
| TJZ062 | 1/4 | 5 |
| TJZ063 | 1/4 | 6 |
| TJZ064 | 5/16 | 6 |
| TJZ065 | 3/8 | 8 |
| ✦ PHILLIPS TIP | | |
| TJZ066 | #0 | 2-1/2 |
| TJZ067 | #1 | 3-1/4 |
| TJZ068 | #2 | 4 |
| TJZ070 | #3 | 6 |
| TJZ069 | #2 | 1-1/2 Stubby |
| ◻ SQUARE TIP | | |
| TJZ071 | #0 | 4 |
| TJZ072 | #1 | 4 |
| TJZ073 | #2 | 6 |
| TJZ074 | #3 | 6 |
| TJZ075 | #1 | 1-1/2 Stubby |
| TJZ076 | #2 | 1-1/2 Stubby |
| TJZ077 | #3 | 1-1/2 Stubby |



SCREWDRIVER SETS

- Industrial quality and strength
- Treated blade tip for a lifetime of performance
- Meets ANSI standards



TJZ827

TJZ826

TJZ828

| Model No. | Description | Contents |
|-----------|--------------|---|
| TJZ826 | 3-Piece Set | Square Tip: #1, #2, #3 |
| TJZ827 | 7-Piece Set | Square Tip: #1, #2 Phillips: #1, #2 Flat: 1/8", 1/4", 5/16" |
| TJZ828 | 16-Piece Set | Square Tip: #0, #1, #2, #3, #2 Stubby Phillips: #0, #1, #2, #3, #2 Stubby Flat: 1/8", 3/16", 1/4", 5/16", 3/8", 1/4" Stubby |

PLIERS

SLIP JOINT PLIERS

- Sure gripping precision milled jaws
- Light and rugged drop-forged alloy steel
- Flush pivot design for use in tight spaces
- Meets ANSI standards

| Model No. | Length" |
|-----------|---------|
| TJZ078 | 6 |



GROOVE JOINT PLIERS

- Sure gripping precision milled jaws
- Grooves undercut and milled to prevent slipping when tightening
- Light and rugged drop-forged alloy steel
- Flush pivot design for use in tight spaces
- Meets ANSI standards

| Model No. | Length" |
|-----------|---------|
| TJZ079 | 8 |
| TJZ080 | 10 |



DIAGONAL CUTTING PLIERS

- Precision tested jaws provide uniform cut
- Slim profile reaches into cramped quarters
- Black nickel finish resists rust
- Induction heat-treated cutting edge
- Smooth non-sticking lever mechanism
- Meets ANSI standards

| Model No. | Length" |
|-----------|---------|
| TJZ082 | 5 |
| TJZ083 | 6 |
| TJZ084 | 7 |



LONG NOSE CUTTING PLIERS

- Strong sure gripping jaws manipulate wire and other awkward objects
- Slim tapered head extends reach and maintains visibility in small areas
- Black nickel finish resists rust
- Meets ANSI standards

| Model No. | Length" |
|-----------|---------|
| TJZ085 | 5 |
| TJZ086 | 6 |
| TJZ087 | 8 |



LINESMAN CUTTING PLIERS

- Precision milled jaw grip and hold wire without slipping
- Black nickel finish resists rust
- Meets ANSI standards

| Model No. | Length" |
|-----------|---------|
| TJZ088 | 7 |
| TJZ089 | 8 |



INDUSTRIAL MULTI-TOOL

- Stainless steel components
- Anodized aluminum body with ABS inlays provides premium comfort
- Heavy-duty nylon pouch
- Self locking components for safe use
- Gun metal finish
- Overall length: 6.25"
- Closed length: 4"
- Weight: 9.3 oz.

INCLUDES: Flat-nose pliers, wire cutter, fine edge knife, Phillips screwdriver, bottle opener, small and medium flat screwdriver, metal/wood file, double tooth saw, serrated knife, can opener

Model No. TLZ463



3-PIECE BASIC PLIER SET

- Precision milled jaws
- Black nickel finish resists rust
- Meets ANSI standards

SET INCLUDES:

- TJZ078** Slip Joint, 6" L
TJZ083 Diagonal Cutting, 6" L
TJZ086 Long Nose Cutting, 6" L

Model No. TLZ795



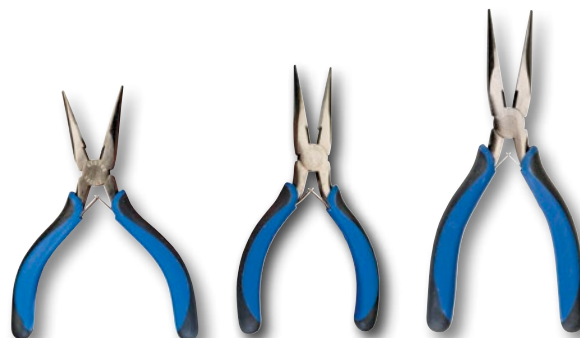
3-PIECE LONG NOSE CUTTING PLIER SET

- Strong sure gripping jaws manipulate wire and other awkward objects
- Slim tapered head extends reach and maintains visibility in small areas
- Black nickel finish resists rust
- Meets ANSI standards

SET INCLUDES:

- TJZ085** Long Nose Cutting, 5" L
TJZ086 Long Nose Cutting, 6" L
TJZ087 Long Nose Cutting, 8" L

Model No. TLZ790



3-PIECE DIAGONAL CUTTING PLIER SET

- Precision tested jaws provide uniform cut
- Slim profile reaches into cramped quarters
- Black nickel finish resists rust
- Induction heat-treated cutting edge
- Smooth non-sticking lever mechanism
- Meets ANSI standards

SET INCLUDES:

- TJZ082** Diagonal Cutting, 5" L
TJZ083 Diagonal Cutting, 6" L
TJZ084 Diagonal Cutting, 7" L

Model No. TLZ789



11-PIECE ALL-PURPOSE PLIER SET

- Precision milled jaws wire without slipping
- Black nickel finish resists rust
- Meets ANSI standards

SET INCLUDES:

- TJZ078** Slip Joint, 6" L
TJZ079 Groove Joint, 8" L
TJZ080 Groove Joint, 10" L
TJZ082 Diagonal Cutting, 5" L
TJZ083 Diagonal Cutting, 6" L
TJZ084 Diagonal Cutting, 7" L
TJZ085 Long Nose Cutting, 5" L
TJZ086 Long Nose Cutting, 6" L
TJZ087 Long Nose Cutting, 8" L
TJZ088 Linesman Cutting, 7" L
TJZ089 Linesman Cutting, 8" L

Model No. TLZ793



LOCKING PLIERS

CURVED JAW PLIERS WITH WIRE CUTTING

| Model No. | Grip | Length" |
|-----------|-----------|---------|
| TJZ090 | Steel | 4 |
| TJZ091 | Composite | 5 |
| TJZ092 | Composite | 7 |
| TJZ093 | Composite | 10 |



- Tempered chrome vanadium steel jaws
- Hardened tension bar with toggle mechanism provides secure locking action
- Smooth screw adjustment for easy and rapid setting
- Meets ANSI standards



LONG NOSE PLIERS WITH WIRE CUTTING

| Model No. | Grip | Length" |
|-----------|-----------|---------|
| TJZ094 | Steel | 4 |
| TJZ095 | Composite | 6 |



C-CLAMP PLIERS WITH SWIVEL PADS

| Model No. | Grip | Length" |
|-----------|-------|---------|
| TJZ096 | Steel | 6 |
| TJZ097 | Steel | 11 |



LOCKING WELDING CLAMP PLIERS

| Model No. | Grip | Length" |
|-----------|-------|---------|
| TJZ098 | Steel | 9 |



LOCKING SHEET METAL TOOL PLIERS

| Model No. | Grip | Length" |
|-----------|-------|---------|
| TJZ099 | Steel | 8 |



LOCKING PLIER SETS

4-PIECE CURVED JAW LOCKING PLIERS W/WIRE CUTTER SET

- Tempered chrome vanadium steel jaws
- Hardened tension bar with toggle mechanism provides secure locking action
- Smooth screw adjustment for easy and rapid setting
- Meets ANSI standards

SET INCLUDES:

- TJZ090** Curved Jaw w/ Wire Cutter, 4" L
TJZ091 Curved Jaw w/ Wire Cutter, 5" L
TJZ092 Curved Jaw w/ Wire Cutter, 7" L
TJZ093 Curved Jaw w/ Wire Cutter, 10" L

Model No. TLZ791



8-PIECE LOCKING PLIER SET

- Tempered chrome vanadium steel jaws
- Hardened tension bar with toggle mechanism provides secure locking action
- Smooth screw adjustment for easy and rapid setting
- Meets ANSI standards

SET INCLUDES:

- TJZ090** Curved Jaw w/ Wire Cutter, 4" L
TJZ091 Curved Jaw w/ Wire Cutter, 5" L
TJZ092 Curved Jaw w/ Wire Cutter, 7" L
TJZ093 Curved Jaw w/ Wire Cutter, 10" L
TJZ094 Long Nose w/ Wire Cutter, 4" L
TJZ095 Long Nose w/ Wire Cutter, 6" L
TJZ096 C-clamps w/ Swivel Pads, 6" L
TJZ097 C-clamps w/ Swivel Pads, 11" L

Model No. TLZ792



4-PIECE WELDING CLAMP SET

SET INCLUDES:

- TJZ096** C-Clamp with Swivel Pad, 6"
TJZ997 C-Clamp with Swivel Pad, 11"
TJZ998 Locking Welding Clamp, 9"
TJZ099 Locking Sheet Metal Tool, 8"

Model No. TLV133



PLIER SETS

19-PIECE ALL PURPOSE PLIER SET

PLIERS:

- Precision milled jaws
- Black nickel finish resists rust
- Meets ANSI standards

LOCKING PLIERS:

- Tempered chrome vanadium steel jaws
- Hardened tension bar with toggle mechanism provides secure locking action
- Smooth screw adjustment for easy and rapid setting
- Meets ANSI standards

SET INCLUDES:

PLIERS, BLACK NICKEL FINISH:

- TJZ078 Slip Joint, 6" L
 TJZ079 Groove Joint, 8" L
 TJZ080 Groove Joint, 10" L
 TJZ082 Diagonal Cutting, 5" L
 TJZ083 Diagonal Cutting, 6" L
 TJZ084 Diagonal Cutting, 7" L
 TJZ085 Long Nose Cutting, 5" L
 TJZ086 Long Nose Cutting, 6" L
 TJZ087 Long Nose Cutting, 8" L

LOCKING PLIERS:

- TJZ088 Linesman Cutting, 7" L
 TJZ089 Linesman Cutting, 8" L
 TJZ090 Curved Jaw w/ Wire Cutter, 4" L
 TJZ091 Curved Jaw w/ Wire Cutter, 5" L
 TJZ092 Curved Jaw w/ Wire Cutter, 7" L
 TJZ093 Curved Jaw w/ Wire Cutter, 10" L
 TJZ094 Long Nose w/ Wire Cutter, 4" L
 TJZ095 Long Nose w/ Wire Cutter, 6" L
 TJZ096 C-clamps w/ Swivel Pads, 6" L
 TJZ097 C-clamps w/ Swivel Pads, 11" L

Model No. TLZ794



COMBINATION WRENCHES

COMBINATION WRENCHES

- Chrome vanadium steel for strength and durability
- Heat treated for consistent hardness
- Precision broached jaws for sure gripping
- 12-point box end for snug fit
- Thin walled construction for access in cramped quarters
- Meets ANSI standards



| Model No. | Size" | Length" |
|---------------|--------|---------|
| S.A.E. | | |
| TYK599 | 1/4 | 3-7/8 |
| TYK600 | 5/16 | 4-3/4 |
| TYK601 | 11/32 | 5-1/8 |
| TYK602 | 3/8 | 6 |
| TYK603 | 7/16 | 6 |
| TYK604 | 1/2 | 6-3/4 |
| TYK605 | 9/16 | 7-1/8 |
| TYK606 | 5/8 | 8 |
| TYK607 | 11/16 | 8-11/16 |
| TYK608 | 3/4 | 9 |
| TYK609 | 13/16 | 9-5/8 |
| TYK610 | 7/8 | 10-1/4 |
| TYK611 | 15/16 | 10-1/2 |
| TYK612 | 1 | 11-5/8 |
| TYK613 | 1 1/16 | 13-3/8 |
| TYK614 | 1 1/8 | 15 |
| TYK615 | 1 1/4 | 17-1/8 |

| Model No. | Size mm | Length mm |
|---------------|---------|-----------|
| METRIC | | |
| TYK616 | 6 | 100 |
| TYK617 | 7 | 110 |
| TYK618 | 8 | 131 |
| TYK619 | 9 | 130 |
| TYK620 | 10 | 151 |
| TYK621 | 11 | 150 |
| TYK622 | 12 | 161 |
| TYK623 | 13 | 171 |
| TYK624 | 14 | 181 |
| TYK625 | 15 | 191 |
| TYK626 | 16 | 195 |
| TYK627 | 17 | 211 |
| TYK628 | 18 | 215 |
| TYK629 | 19 | 231 |
| TYK630 | 20 | 235 |
| TYK631 | 21 | 245 |
| TYK632 | 22 | 250 |
| TYK633 | 23 | 265 |
| TYK634 | 24 | 292 |
| TYK635 | 25 | 285 |
| TYK636 | 26 | 295 |
| TYK637 | 27 | 340 |
| TYK638 | 28 | 355 |
| TYK639 | 29 | 380 |
| TYK640 | 30 | 395 |
| TYK641 | 32 | 373 |

COMBINATION WRENCH SETS



| Model No. | Description |
|-----------|--|
| TLV053 | 11 S.A.E. Combination Wrenches: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8" |
| TLV054 | 11 Metric Combination Wrenches: 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 17 mm, 19 mm |
| TLV055 | 14 S.A.E. Combination Wrenches: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4" |
| TLV056 | 14 Metric Combination Wrenches: 10 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm, 22 mm, 24 mm, 27 mm, 30 mm, 32 mm |

RATCHET WRENCHES

RATCHETING COMBINATION WRENCHES

- Chrome vanadium steel for strength and durability
- Ratcheting head allows for faster removal and installation of fasteners
- 72-tooth ratchet gear
- 12-point box end for snug fit
- Needs as little as 5 Degrees to move a fastener
- Meets ANSI standards



| Model No. | Size" | Length" |
|---------------|-------|---------|
| S.A.E. | | |
| UAD652 | 1/4 | 5-1/4 |
| UAD653 | 5/16 | 5-1/4 |
| UAD654 | 3/8 | 6-1/4 |
| UAD655 | 7/16 | 6-1/2 |
| UAD656 | 1/2 | 7 |
| UAD657 | 9/16 | 7-7/16 |
| UAD658 | 5/8 | 8-1/16 |
| UAD659 | 11/16 | 8-13/16 |
| UAD660 | 3/4 | 9-11/16 |
| UAD661 | 13/16 | 11 |
| UAD662 | 7/8 | 11 |
| UAD663 | 15/16 | 12-3/16 |
| UAD664 | 1" | 12-3/16 |

| Model No. | Size mm | Length mm |
|---------------|---------|-----------|
| METRIC | | |
| UAD635 | 6 | 134 |
| UAD665 | 7 | 134 |
| UAD636 | 9 | 158.5 |
| UAD637 | 10 | 158.5 |
| UAD638 | 11 | 164.6 |
| UAD639 | 12 | 167.7 |
| UAD640 | 13 | 177.4 |
| UAD641 | 14 | 189.5 |
| UAD642 | 15 | 198 |
| UAD643 | 16 | 205.4 |
| UAD644 | 17 | 224 |
| UAD645 | 18 | 235.4 |
| UAD646 | 19 | 246.4 |

RATCHETING WRENCH SETS



| Model No. | Description |
|-----------|--|
| TEQ832 | 8 S.A.E. Combination Wrenches: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" |
| TEQ833 | 13 S.A.E. Combination Wrenches: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1" |
| TEQ834 | 8 Metric Combination Wrenches: 8 mm, 10 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 18 mm |
| TEQ835 | 13 Metric Combination Wrenches: 7 mm, 8 mm, 9 mm, 10 mm, 11 mm, 12 mm, 13 mm, 14 mm, 15 mm, 16 mm, 17 mm, 18 mm, 19 mm |

WRENCHES

ADJUSTABLE WRENCHES

- Superior grade chrome vanadium steel
- Precision machined jaws
- Slim profile head slips into cramped quarters
- Tight tolerances ensure close fitting, wobble-free action
- Smooth, non-sticking mechanism
- Black nickel finish resists rust
- Meets ANSI standards



| Model No. | Length" | Description |
|-----------|---------|--------------------------------|
| TJZ100 | 6 | Standard Jaw, Composite Body |
| TJZ101 | 8 | Reversible Jaw, Composite Body |
| TJZ102 | 10 | Reversible Jaw, Composite Body |
| TJZ103 | 12 | Reversible Jaw, Composite Body |
| TJZ104 | 15 | Standard Jaw, Steel Body |
| TJZ105 | 18 | Standard Jaw, Steel Body |

6-PIECE ADJUSTABLE WRENCH SET

SET INCLUDES: TJZ100, TJZ101, TJZ102, TJZ103, TJZ104 & TJZ105

Model No. TLZ796



PIPE WRENCHES

- Drop-forged alloy steel jaw
- Durable ductile steel body provides the ultimate in performance
- Precision milled sure gripping teeth
- Spring action ensures sure grip and quick release

| Model No. | Length" | Pipe Capacity" |
|-----------|---------|----------------|
| TJZ106 | 8 | 1 |
| TJZ107 | 10 | 1-1/2 |
| TJZ108 | 12 | 2 |
| TJZ109 | 14 | 2 |
| TJZ110 | 18 | 2-1/2 |



TJZ106

INDESTRUCTIBLE HANDLE HAMMERS

INDESTRUCTIBLE HANDLE HAMMERS

- Indestructible handle is made with spring steel bars, encased in rubber, running through the handle
- Spring steel bars are locked into the hammer head with steel locking plates, ensuring it never dislodges
- Ergonomic rubber grip handle absorbs impact and vibration reducing user fatigue
- Will not break, bend, or split even after repeated overstrikes
- Head is induction case hardened 52-56 HRC
- Meets ANSI BS 876 standard for material hardness and performance



| Model No. | Head Weight lbs. | No. of Spring Steel Bars | Handle Length" |
|-----------------------|------------------|--------------------------|----------------|
| SLEDGE HAMMERS | | | |
| TYB494 | 6 | 6 | 24 |
| TYB495 | 8 | 6 | 24 |
| TYB496 | 8 | 6 | 30 |
| TYB497 | 10 | 6 | 30 |
| TYB498 | 12 | 6 | 30 |
| TYB499 | 14 | 6 | 30 |
| CLUB HAMMERS | | | |
| TYB492 | 4 | 4 | 12 |
| TYB493 | 4 | 4 | 16 |



HAMMERS & MALLETs

TUBULAR HANDLE HAMMER

- 1.4 mm hardened tubular steel shaft
- Fully polished heat-treated face with octagonal neck
- Shock-absorbing cushion grip handle
- Steel overstrike ring
- Meets ANSI standards

| Model No. | Type | Head Weight oz. |
|-----------|------|-----------------|
| TJZ032 | Claw | 16 |



HICKORY HANDLE HAMMERS

- Large natural colour, American hickory handle
- Extra tough, heat-treated fully polished head
- Extra large striking face
- Natural shock absorbing qualities of natural wood
- Meets ANSI standards

| Model No. | Type | Head Weight oz. |
|-----------|---------|-----------------|
| TJZ033 | Claw | 16 |
| TJZ034 | Framing | 22 |



DEAD BLOW HAMMERS

- 1-piece urethane construction
- Completely enclosed steel shank
- Shot-filled head
- High visibility orange colour

| Model No. | Head Weight oz. |
|-----------|-----------------|
| TJZ035 | 8 |
| TJZ036 | 16 |
| TJZ037 | 24 |
| TJZ038 | 32 |



BALL PEIN HAMMERS

- Kiln-dried hickory handle
- High quality construction
- Natural shock-absorbing qualities of natural wood
- Meets ANSI standards

| Model No. | Head Weight oz. |
|-----------|-----------------|
| TJZ039 | 8 |
| TJZ040 | 16 |
| TJZ041 | 24 |
| TJZ042 | 32 |



RUBBER MALLETs

- Hardwood handle
- Non-marking white rubber head (TJZ045 and TJZ046)

| Model No. | Head Weight oz. | Colour |
|-----------|-----------------|--------|
| TJZ043 | 16 | Black |
| TJZ044 | 32 | Black |
| TJZ045 | 16 | White |
| TJZ046 | 32 | White |



HAMMER SETS

2-PIECE HICKORY HANDLE HAMMER SET

- Large natural colour, American hickory handle
- Extra tough, heat-treated fully polished head
- Extra large striking face
- Natural shock absorbing qualities of natural wood
- Meets ANSI standards

SET INCLUDES

TJZ033 Hickory Handle, Claw Hammer, 16 oz.

TJZ034 Hickory Handle, Claw Hammer, 22 oz.

Model No. TLV114



4-PIECE DEAD BLOW HAMMER SET

- One piece urethane construction
- Completely enclosed steel shank
- Shot-filled head
- High visibility orange colour

SET INCLUDES:

TJZ035 Dead Blow Hammer, 8 oz.

TJZ036 Dead Blow Hammer, 16 oz.

TJZ037 Dead Blow Hammer, 24 oz.

TJZ038 Dead Blow Hammer, 32 oz.

Model No. TLV113



4-PIECE BALL PEIN HAMMER SET

- Kiln-dried hickory handle
- High quality construction
- Natural shock-absorbing qualities of natural wood
- Meets ANSI standards

SET INCLUDES:

TJZ039 Ball Pein Hammer 8 oz.

TJZ040 Ball Pein Hammer, 16 oz.

TJZ041 Ball Pein Hammer, 24 oz.

TJZ042 Ball Pein Hammer, 32 oz.

Model No. TLV112



4-PIECE RUBBER MALLET SET

- Hardwood handle
- Non-marking white rubber head (**TJZ045** and **TJZ046**)

SET INCLUDES:

TJZ043 Mallet, Black, 16 oz.

TJZ044 Mallet, Black, 32 oz.

TJZ045 Mallet, White, 16 oz.

TJZ046 Mallet, White, 32 oz.

Model No. TLV115



HAMMER SETS & STAMP SETS

8-PIECE UNIVERSAL HAMMER SET

- The most popular striking tools for a wide variety of applications

SET INCLUDES:

| | |
|--------|--|
| TJZ032 | Claw Hammer, Tubular Handle, 16 oz. |
| TJZ034 | Framing Hammer, Hickory Handle, 22 oz. |
| TJZ036 | Dead Blow Hammer, 16 oz. |
| TJZ038 | Dead Blow Hammer, 32 oz. |
| TJZ040 | Ball Pein Hammer, 16 oz. |
| TJZ042 | Ball Pein Hammer, 32 oz. |
| TJZ044 | Mallet, Black, 32 oz. |
| TJZ045 | Mallet, White, 16 oz. |

Model No. TLV116



15-PIECE ULTIMATE HAMMER SET

- The most comprehensive hammer set on the market
- Includes a hammer for virtually every application

SET INCLUDES:

| | |
|--------|--|
| TJZ032 | Claw Hammer, Tubular Handle, 16 oz. |
| TJZ033 | Claw Hammer, Hickory Handle, 16 oz. |
| TJZ034 | Framing Hammer, Hickory Handle, 22 oz. |
| TJZ035 | Dead Blow Hammer, 8 oz. |
| TJZ036 | Dead Blow Hammer, 16 oz. |
| TJZ037 | Dead Blow Hammer, 24 oz. |
| TJZ038 | Dead Blow Hammer, 32 oz. |
| TJZ039 | Ball Pein Hammer, 8 oz. |
| TJZ040 | Ball Pein Hammer, 16 oz. |
| TJZ041 | Ball Pein Hammer, 24 oz. |
| TJZ042 | Ball Pein Hammer, 32 oz. |
| TJZ043 | Mallet, Black, 16 oz. |
| TJZ044 | Mallet, Black, 32 oz. |
| TJZ045 | Mallet, White, 16 oz. |
| TJZ046 | Mallet, White, 32 oz. |

Model No. TLV117



STAMP SETS

- For hand held, hammer struck applications
- Manufactured from high quality steel
- Induction hardened for added durability and extended life
- Beveled striking edge prevents breakage and accidents during use
- Stamping end is hardened at 58-62 HRC and the striking end is hardened to 38-43 HRC to prevent splintering
- Letter sets contain 27 pieces, "A" through "Z" and "&"- (ampersand)
- Number sets contain 9 pieces, "0" through "9", numbers "6" and "9" are interchangeable

| Model No. | Character Size" | Type |
|-----------|-----------------|--------|
| TLZ389 | 1/8 | Number |
| TLZ392 | 1/8 | Letter |
| TLZ390 | 3/16 | Number |
| TLZ393 | 3/16 | Letter |
| TLZ391 | 1/4 | Number |
| TLZ394 | 1/4 | Letter |



HEX KEY SETS & MEASURING TAPES

HEX KEY POUCH SETS

- Chrome vanadium steel for strength and durability
- Tips are chamfered for ease of entry and proper fit

| Model No. | No. of Keys | Key Sizes |
|---------------------------|-------------|--|
| S.A.E. - SHORT ARM | | |
| TNB731 | 13 | 1/20", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8" |
| METRIC - SHORT ARM | | |
| TNB732 | 9 | 1.5 mm, 2.0 mm, 2.5 mm, 3.0 mm, 4.0 mm, 5.0 mm, 6.0 mm, 8.0 mm, 10.0 mm |



TNB731



TNB732

FOLDING HEX KEY SETS

- Chrome vanadium steel for strength and durability
- Tips are chamfered for ease of entry and proper fit
- Set folds securely into convenient storage compartment

| Model No. | No. of Keys | Key Sizes |
|----------------------------------|-------------|--|
| S.A.E. FOLD UP | | |
| TNB733 | 9 | 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4" |
| METRIC FOLD UP | | |
| TNB734 | 8 | 1.5 mm, 2.0 mm, 2.5 mm, 3.0 mm, 4.0 mm, 5.0 mm, 6.0 mm, 8.0 mm |
| S.A.E. - BALL END FOLD UP | | |
| TNB735 | 9 | 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4" |



TNB733



TNB734



TNB735

MEASURING TAPES

- Heavy-duty tape line
- Sure locking break
- Easy-to-read blade
- Two rivets holding the tip for extra security
- Composite covering for extra comfort

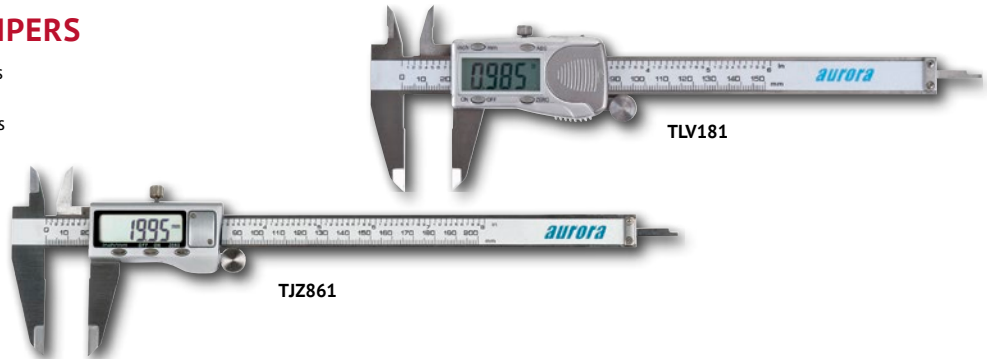
| Model No. | Blade Width" | Length' | Graduation |
|-----------|--------------|---------|------------|
| TJZ115 | 5/8 | 12 | in/ft |
| TJZ116 | 5/8 | 12 | in/cm |
| TJZ117 | 3/4 | 16 | in/ft |
| TJZ118 | 3/4 | 16 | in/cm |
| TJZ801 | 1 | 25 | in/ft |
| TJZ802 | 1 | 25 | in/cm |
| TJZ803 | 1 | 30 | in/ft |
| TJZ804 | 1-1/4 | 25 | in/ft |



MEASURING INSTRUMENTS

ELECTRONIC DIGITAL CALIPERS

- Large LCD display provides easy-to-read numbers
- Hardened stainless steel body
- Precision adjustments for accurate measurements
- Lock screw to hold slide in position
- Inch/millimeter conversion
- Zero at any position
- Linear accuracy: $\pm 0.001"$ (0.03 mm)
- Deluxe storage case with foam insert
- ON/OFF button



TLV181

TJZ861

| Model No. | Length" | Description | Measurement Range | Jaw Depth Outside - Inside | Batteries |
|-----------|---------|---------------------------------------|--------------------|-----------------------------|------------------------|
| TLV181 | 6 | Stainless Steel Body, Plastic Head | 0 - 6" (0-152 mm) | 1-9/16" - 13/16" (40-21 mm) | Two 3.0 V, type CR3032 |
| TGZ370 | 6 | Stainless Steel Body, Zinc Alloy Head | 0 - 6" (0-152 mm) | 1-9/16" - 13/16" (40-21 mm) | Two 1.5 V |
| TJZ861 | 8 | Stainless Steel Body, Zinc Alloy Head | 0 - 8" (0-200 mm) | 1-13/16" - 1" (46-26 mm) | Two 1.5 V |
| THZ769 | 12 | Stainless Steel Body, Zinc Alloy Head | 0 - 12" (0-300 mm) | 2-3/8" - 1" (60-26 mm) | Two 1.5 V |

ELECTRONIC DIGITAL MICROMETER

- Large LCD display provides easy-to-read numbers
- Carbide tipped measurement surfaces
- Resolution to 5 decimal places
- Linear accuracy: $\pm 0.0001"$ (0.03 mm)
- Inch/millimeter conversion
- Thimble ratchet
- Zero at any position
- Lock screw to hold mechanism in position
- Automatic OFF button
- Includes: Calibration wrench, two 1.5 V batteries, type LR44, wooden storage case with foam insert



| Model No. | Measurement Range | Resolution |
|-----------|-------------------|---------------------|
| IA388 | 0-1" (0-25 mm) | 0.00005" (0.001 mm) |

MEASURING WHEEL

- Resolution: 0.1 m
- Power: 3V (2x LR3 Batteries)
- Suitable Temperature: -10°C to +45°C
- Lightweight and easy to use, designed for professional and personal usage
- Large wheel model ensures accuracy and is ideal for uneven terrain
- Suitable for outdoor and indoor distance measuring applications
- Pistol grip handle for ergonomic comfort
- Backlight for low light conditions
- Metric and imperial measurement with 5 memory storage entries
- Accuracy of $\pm 0.5\%$
- Telescopic handle
- Push button reset
- Adds forward, subtracts in reverse
- Equipped with a sturdy flip-down kickstand and carrying bag for easy storage and portability
- Measuring Range: 99999.9 m
- Graduations: Feet/Metres
- Wheel Diameter: 12.5" (31.8 cm)

Model No. TYY302



BARS, HACKSAW & BOLT CUTTERS

HACKSAW

- Heavy 16-gauge round steel tubing
- Comfort and guarded grip handle
- Blade Length: 12"
- Depth of Bow: 4"
- Tensile Strength: 8000 PSI

Model No. TYW991



ACTION BAR

- High quality heat-treated carbon steel
- Edges are specially bevelled for pulling, lifting and scraping
- Baked paint finish
- 13-1/2" L x 1-3/8" W
- Colour: Black

Model No. TJZ047



WRECKING BAR

- High quality steel
- Width: 7/8"
- Overall Length: 14"
- Colour: Black

Model No. TYL028



BOLT CUTTERS

- Chrome molybdenum steel jaws
- Centre cutting blades
- Adjusting screws allow for easy and perfect alignment of jaws
- Strong tubular handle with slip-proof rubber grips

| Model No. | Length" | Max. Jaw Opening" |
|-----------|---------|-------------------|
| TJZ111 | 14 | 1/4 |
| TJZ112 | 18 | 5/16 |
| TJZ113 | 24 | 3/8 |
| TJZ114 | 36 | 9/16 |



GOOSENECK WRECKING BARS

- High quality steel
- Hexagon shank
- Bevelled edges for pulling and lifting

| Model No. | Diameter" | Length" | Weight lbs. |
|-----------|-----------|---------|-------------|
| TJZ048 | 5/8 | 18 | 2 |
| TJZ049 | 3/4 | 24 | 3.5 |
| TJZ050 | 3/4 | 30 | 4.4 |
| TJZ051 | 3/4 | 36 | 5 |



MAINTENANCE TOOLS

COMPOUND SNIPS

- Designed for all-purpose cutting applications, for home or professional jobsite
- Cuts straight, left or right in light stock
- Latch secures blades for storage
- Rubberized hand grip for quality comfort
- Cutting Capacity: 18-Gauge Steel
- Overall Length: 10-1/4"



| Model No. | Colour | Cut Length" | Cutting Direction |
|-----------|--------|-------------|-------------------|
| UAE006 | Red | 1-3/8 | Left Cut |
| UAE007 | Green | 1-1/8 | Right Cut |
| UAE008 | Yellow | 1-1/2 | Straight Cut |

CAULKING GUNS

- Compact size to fit in a tool box
- Comfortable operation
- Smooth application



| Model No. | Description | Cartridge Capacity |
|-----------|---------------|--------------------|
| TTY156 | Standard | 300 ml |
| UAE002 | Ratchet Style | 300 ml |

JOBBER LENGTH DRILL BIT SET

- Industrial duty 29 piece drill bit set
- For use on steels, cast iron and most non-ferrous metals
- Round shank
- Two tone black oxide finish provides ideal chip flow and resistance to abraision
- Steel case included

Model No. TCT047



PUNCHES & CHISELS

COLD CHISELS

- Individually forged from high quality alloy steel
- Manufactured to the highest safety standards
- Precisely ground cutting edge is induction hardened to 52-58 HRC
- Striking head is hardened to 42 HRC to prevent splintering during use



| Model No. | Cut Width" | Stock Size" | Overall Length" |
|-----------|------------|-------------|-----------------|
| TLZ395 | 1/4 | 1/4 | 5 |
| TLZ396 | 5/16 | 1/4 | 5 |
| TLZ397 | 3/8 | 5/16 | 5-1/2 |
| TLZ398 | 1/2 | 7/16 | 6 |
| TLZ399 | 5/8 | 1/2 | 6-1/2 |
| TLZ400 | 3/4 | 5/8 | 7 |
| TLZ556 | 7/8 | 3/4 | 7-1/2 |

Cold Chisels

6-PC. COLD CHISEL SETS

Model No. TLZ420

SET INCLUDES SIZES:

1/4", 5/16", 3/8", 1/2", 5/8", & 3/4"



PIN PUNCHES

- Ideal for driving out and removing already loosened pins and keys after initial movement by a starting punch
- Manufactured from high quality carbon steel
- Single piece construction with hexagonal shank increases durability
- Accurately hardened for increased service life



| Model No. | Point Diameter" | Stock Size" | Overall Length" |
|-----------|-----------------|-------------|-----------------|
| TLZ401 | 1/16 | 1/4 | 4 |
| TLZ402 | 3/32 | 5/16 | 4-1/2 |
| TLZ403 | 1/8 | 5/16 | 4-3/4 |
| TLZ404 | 5/32 | 5/16 | 5 |
| TLZ405 | 3/16 | 5/16 | 5-1/4 |
| TLZ555 | 7/32 | 3/8 | 5-1/2 |
| TLZ406 | 1/4 | 3/8 | 5-3/4 |
| TLZ407 | 5/16 | 7/16 | 6 |

Pin Punches

7-PC. PIN PUNCH SETS

Model No. TLZ421

SET INCLUDES SIZES:

1/16", 3/32", 1/8", 5/32", 3/16", 7/32", & 1/4"



PUNCHES & CHISELS

DRIFT PUNCHES

- Ideal for lining up holes in two or more pieces of metal and for drawing pins through various assemblies
- Manufactured from high quality carbon steel
- Single piece construction with hexagonal shank increases durability
- Accurately hardened for increased service life



| Model No. | Point Diameter" | Stock Size" | Overall Length" |
|-----------|-----------------|-------------|-----------------|
| TLZ408 | 1/8 | 5/16 | 8 |
| TLZ409 | 5/32 | 3/8 | 9 |
| TLZ410 | 3/16 | 1/2 | 10 |
| TLZ411 | 7/32 | 1/2 | 10 |
| TLZ412 | 1/4 | 5/8 | 12 |
| TLZ413 | 5/16 | 3/4 | 12 |
| TLZ414 | 3/8 | 3/4 | 15 |



7-PC. DRIFT PUNCH SETS

Model No. TLZ422

SET INCLUDES SIZES:

1/8", 5/32", 3/16", 7/32", 1/4", 5/16", & 3/8"



Drift
Punches

CENTER PUNCH

- Single piece construction with hexagonal shank increases durability
- Manufactured from high quality carbon steel
- Accurately hardened for increased service life
- Beveled striking end to prevent breakage
- Working tips centered and ground to 90° for increased marking efficiency



| Model No. | Point Diameter" | Stock Size" | Overall Length" |
|-----------|-----------------|-------------|-----------------|
| TLZ415 | 5/64 | 1/4 | 3-1/2 |
| TLZ416 | 1/8 | 5/16 | 4-1/4 |
| TLZ417 | 5/32 | 3/8 | 5 |
| TLZ418 | 1/4 | 1/2 | 6 |
| TLZ419 | 3/8 | 5/8 | 6-1/4 |

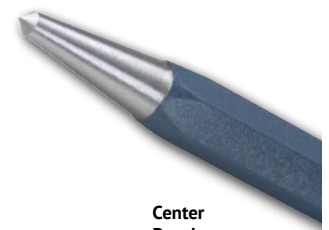


5-PC. CENTER PUNCH SETS

Model No. TLZ423

SET INCLUDES SIZES:

5/64", 1/8", 5/32", 1/4", & 3/8"



Center
Punches

PUNCHES & CHISELS

COLD CHISELS WITH GRIP GUARD

- Individually forged from high quality alloy steel
- Manufactured to the highest safety standards
- Precisely ground cutting edge is induction hardened to 52-58 HRC
- Striking head is hardened to 42 HRC to prevent splintering during use



Cold Chisels
With Grip Guard

| Model No. | Cut Width" | Stock Size" | Overall Length" |
|-----------|------------|-------------|-----------------|
| TYB509 | 3/4 | 5/8 | 10 |
| TYB510 | 3/4 | 5/8 | 12 |
| TYB511 | 1 | 7/8 | 10 |
| TYB512 | 1 | 7/8 | 12 |

PUNCH & CHISEL SETS

- Punch and chisel sets are an excellent way to keep your tools organized
- These sets are packed in heavy-duty vinyl rolls for easy access, organization and storage.



8-PC. PUNCH AND CHISEL SET:

Model No. TLZ433

SET INCLUDES:

| Model No. | Style | Size" |
|-----------|--------------|-------|
| TLZ398 | Cold Chisel | 1/2 |
| TLZ399 | Cold Chisel | 5/8 |
| TLZ400 | Cold Chisel | 3/4 |
| TLZ417 | Center Punch | 5/32 |
| TLZ403 | Pin Punch | 1/8 |
| TLZ405 | Pin Punch | 3/16 |
| TLZ406 | Pin Punch | 1/4 |
| TLZ410 | Drift Punch | 3/16 |

14-PC. PUNCH AND CHISEL SET:

Model No. TLZ434

SET INCLUDES:

| Model No. | Style | Size" |
|-----------|--------------|-------|
| TLZ397 | Cold Chisel | 3/8 |
| TLZ398 | Cold Chisel | 1/2 |
| TLZ399 | Cold Chisel | 5/8 |
| TLZ400 | Cold Chisel | 3/4 |
| TLZ556 | Cold Chisel | 7/8 |
| TLZ416 | Center Punch | 1/8 |
| TLZ417 | Center Punch | 5/32 |
| TLZ418 | Center Punch | 1/4 |
| TLZ401 | Pin Punch | 1/16 |
| TLZ403 | Pin Punch | 1/8 |
| TLZ405 | Pin Punch | 3/16 |
| TLZ408 | Drift Punch | 1/8 |
| TLZ409 | Drift Punch | 5/32 |
| TLZ413 | Drift Punch | 5/16 |



SOCKETS

| | |
|-------------------------|------------|
| Sockets Sets..... | 76-79 |
| Ratchets | 80, 82, 84 |
| Individual Sockets..... | 81, 83, 85 |
| Extensions | 80, 82, 84 |
| Drive Adaptors..... | 80, 82, 84 |
| Speed Handles | 84 |
| Spark Plug Sockets..... | 84 |

SOCKET SETS

210-PIECE 1/4", 3/8" & 1/2" DRIVE S.A.E./METRIC SOCKET & WRENCH SET

- Chrome vanadium steel for extra strength and durability
- Ratchet with contoured handle for comfort and added torque
- Chrome-plated sockets to resist rust
- 6-point sockets for a snug fit
- Laser-marked socket size on each socket for easy identification
- Meets ANSI standards

SET INCLUDES:

24 Standard Sockets (1/4"):

5/32", 3/16", 7/32", 1/4", 9/32", 5/16",
11/32", 3/8", 7/16", 1/2", 9/16"

4, 4.5, 5, 6, 6.5, 7, 8, 9, 10, 11, 12, 13, 14 mm

25 Standard Sockets (3/8"):

1/4", 9/32", 5/16", 11/32", 3/8",
7/16", 1/2", 9/16", 5/8", 11/16", 3/4"

6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm

27 Standard Sockets (1/2"):

5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8", 1"

8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 mm

15 Saeep Sockets (1/4"):

1/4", 5/16", 3/8", 7/16", 1/2", 9/16"

6, 7, 8, 9, 10, 11, 12, 13, 14 mm

20 Saeep Sockets (3/8"):

5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"

8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm

21 Deep Sockets (1/2"):

5/16", 3/8", 7/16", 1/2", 5/8", 9/16", 11/16", 3/4", 13/16", 7/8"

10, 11, 12, 13, 14, 16, 17, 19, 20, 21, 22 mm

30 Shank Bits (1/4"):

Phillips: #0, #1, #2, #3

Slotted 3, 4, 5, 6, 7, 8 mm

Pozidriv: #0, #1, #2, #3

Hex: 2, 3, 4, 5, 6, 8 mm

Torx: T8, T10, T15, T20, T25, T27, T30

Square: 1, 2, 3

12 Shank Bits (8 mm):

Phillips: #3, #4

Pozidriv: #3, #4

Hex: 8, 10, 12, 14 mm

Torx: T40, T45, T50, T55

36 Accessories:

Quick Release Ratchet 1/4", 3/8", 1/2"

Spark Plug Socket 1/2" Drive: 16, 21 mm

Universal Joint 1/4", 3/8", 1/2"

Extension 1/4" Drive: 2" & 4"

Extensions 3/8" Drive: 3" & 6"

Extensions 1/2" Drive: 5" & 10"

Plastic Handle Driver 1/4" Drive

Sliding T-bar: 1/4" & 3/8"

3-way Adapter (3/8" F x 1/2" M)

Bit Adapter 1/4" Drive

Bit Adapter 1/2" Drive

Combination Wrench:

5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"

8, 10, 11, 13, 14, 16, 18, 19 mm

Model No. TLV362



SOCKET SETS

▶ 120-PIECE 1/4", 3/8" & 1/2" DRIVE S.A.E./METRIC SOCKET SET

- Chrome vanadium steel for extra strength and durability
- Ratchet with contoured handle for comfort and added torque
- Chrome-plated sockets to resist rust
- 6-point sockets for a snug fit
- Laser-marked socket size on each socket for easy identification
- Meets ANSI standards



SET INCLUDES:

20 Standard Sockets (1/4"):

5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
4, 5, 6, 7, 8, 9, 10, 11, 12, 13 mm

18 Standard Sockets (3/8"):

3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm

13 Standard Sockets (1/2"):

13/16", 7/8", 15/16", 1", 1-1/16", 1-1/4"
20, 21, 22, 24, 27, 30, 32 mm

4 Deep Sockets (1/4"):

8, 9, 10, 11 mm

4 Deep Sockets (3/8"):

13, 14, 15, 17 mm

8 Torx Sockets (3/8"):

E8, E10, E11, E12, E14, E16, E18, E20

4 Impact Sockets (1/2"):

17, 19, 21, 24 mm

7 Torx Bits (1/4"):

T10, T15, T20, T25, T27, T30, T40

17 Bit Sockets (3/8"):

Torx: T20, T30 T40, T45, T50, T55, T60

Hex: 3, 4, 5, 6 mm

Phillips: #1, #2

Slotted: 5.5, 6.5 mm

Pozidriv: #1, #2

23 Accessories:

Quick Release Ratchet: 1/4", 3/8", & 1/2"

Spark Plug Socket 3/8" Drive: 16, 21 mm

Universal Joint: 1/4", 3/8" & 1/2"

Extension 1/4" Drive: 2"

Extension 3/8" Drive: 3" & 6"

Extension 1/2" Drive: 5" & 10"

Plastic Handle Driver 1/4" Drive

Bit Adapter 1/4" Drive

Combination Wrench: 8, 9, 10, 11, 12, 13, 14, 17, 18, 19 mm

Model No. TLV361



▶ 41-PIECE 1/4" & 3/8" DRIVE S.A.E./METRIC SOCKET SET

- Chrome vanadium steel for extra strength and durability
- Ratchet with contoured handle for comfort and added torque
- Chrome-plated sockets to resist rust
- 6-point sockets for a snug fit
- Laser-marked socket size on each socket for easy identification
- Meets ANSI standards

SET INCLUDES:

19 Standard Sockets (1/4"):

3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12 mm

16 Standard Sockets (3/8"):

3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"
10, 11, 12, 13, 14, 15, 17, 19 mm

6 Accessories:

Quick Release Ratchet 3/8" Drive

3" - 3/8" Drive Extension

6" - 3/8" Drive Extension

Universal Joint 3/8" Drive

3/8" Drive Adapter (3/8" F x 1/4" M)

Plastic Handle Driver 1/4"

Model No. TLV360



SOCKETS SETS

29-PIECE 1/2" DRIVE S.A.E./METRIC SOCKET SET

- Chrome vanadium steel for extra strength and durability
- Ratchets feature a quick-release button for easy changing of attachments
- Ratchet with contoured handle for comfort and added torque
- Chrome-plated sockets to resist rust
- 6-points sockets for snug fit
- Laser-marked socket size on each socket for easy identification
- Meets ANSI standards

SET INCLUDES:

24 Standard Sockets:

3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 mm

5 Accessories:

Quick Release Ratchet

Extensions: 5" & 10"

Universal Joint

3/8" Drive Adapter (3/8" F x 1/2" M)

Model No. TLV359



24-PIECE 3/8" DRIVE METRIC SOCKET SET

- Chrome vanadium steel for extra strength and durability
- Ratchets feature a quick-release button for easy changing of attachments
- Ratchet with contoured handle for comfort and added torque
- Chrome-plated sockets to resist rust
- 6-points sockets for snug fit
- Laser-marked socket size on each socket for easy identification
- Meets ANSI standards

SET INCLUDES:

13 Standard Sockets:

7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm

8 Deep Sockets:

10, 11, 12, 13, 14, 15, 17, 19 mm

3 Accessories:

Spark Plug Socket 16 mm

Ratchet

3" Extension

Model No. TLV358



SOCKET SETS

22-PIECE 1/4" DRIVE S.A.E. SOCKET SET

- Chrome vanadium steel for extra strength and durability
- Ratchets feature a quick-release button for easy changing of attachments
- Ratchet with contoured handle for comfort and added torque
- Chrome-plated sockets to resist rust
- 6-points sockets for snug fit
- Laser-marked socket size on each socket for easy identification
- Meets ANSI standards

SET INCLUDES:

9 Standard Sockets:

3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"

7 Deep Sockets:

1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"

6 Accessories:

- 1 Quick-release Ratchet 1/4" Drive
- 1 Plastic Handle Driver 1/4" Drive
- 1 Drive Palm Ratchet
- 1 Universal Joint
- 2 Extensions: 2" & 6"

Model No. TLV356



20-PIECE 3/8" DRIVE S.A.E. SOCKET SET

- Chrome vanadium steel for extra strength and durability
- Ratchets feature a quick-release button for easy changing of attachments
- Ratchet with contoured handle for comfort and added torque
- Chrome-plated sockets to resist rust
- 6-points sockets for snug fit
- Laser-marked socket size on each socket for easy identification
- Meets ANSI standards

SET INCLUDES:

9 Standard Sockets:

3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"

8 Deep Sockets:

3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"

3 Accessories:

- Quick Release Ratchet
- 2 Extensions: 2" & 3"

Model No. TLV357



1/4" DRIVE SOCKET ACCESSORIES

▶ RATCHETS:

1/4" DRIVE, 5-1/2" L

Model No. TYL032



1/4" DRIVE QUICK-RELEASE, 5-3/4" L

Model No. TLV363



1/4" DRIVE QUICK-RELEASE
WITH RUBBER GRIP, 6" L

Model No. TLV380



▶ DRIVE HINGE HANDLE

1/4" DRIVE, 5-3/4" L

Model No. TYL033



▶ PLASTIC HANDLE DRIVER

1/4" DRIVE, 6" L

Model No. TLV445



▶ EXTENSIONS

1/4" DRIVE, 2" L

Model No. TYK843



1/4" DRIVE, 4" L

Model No. TLV446



1/4" DRIVE, 6" L

Model No. TYL034



▶ DRIVE ADAPTOR

1/4" DRIVE, 3/8" M

Model No. TYL035



▶ UNIVERSAL JOINT

1/4" DRIVE, 1-1/2" L

Model No. TY0577



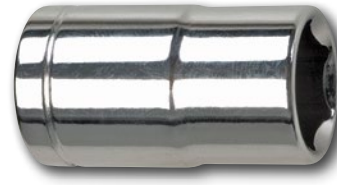
1/4" DRIVE SOCKETS

▶ 1/4" DRIVE S.A.E STANDARD LENGTH SOCKETS 6-POINT



| Model No. | Hex Size" | Length" |
|-----------|-----------|---------|
| TYK732 | 5/32 | 1 |
| TYK733 | 3/16 | 1 |
| TYK734 | 7/32 | 1 |
| TYK735 | 1/4 | 1 |
| TYK736 | 9/32 | 1 |
| TYK737 | 5/16 | 1 |
| TYK738 | 11/32 | 1 |
| TYK739 | 3/8 | 1 |
| TYK740 | 7/16 | 1 |
| TYK741 | 1/2 | 1 |
| TYK742 | 9/16 | 1 |

▶ 1/4" DRIVE S.A.E DEEP LENGTH SOCKETS 6-POINT



| Model No. | Hex Size" | Length" |
|-----------|-----------|---------|
| TYK791 | 5/32 | 2 |
| TYK792 | 3/16 | 2 |
| TYK793 | 7/32 | 2 |
| TLV496 | 1/4 | 2 |
| TYK794 | 9/32 | 2 |
| TYK795 | 5/16 | 2 |
| TYK796 | 11/32 | 2 |
| TYK797 | 3/8 | 2 |
| TYK798 | 7/16 | 2 |
| TYK799 | 1/2 | 2 |
| TYK800 | 9/16 | 2 |

▶ 1/4" DRIVE METRIC STANDARD LENGTH SOCKETS 6-POINT



| Model No. | Hex Size mm | Length mm |
|-----------|-------------|-----------|
| TYK743 | 4 | 25 |
| TYK744 | 4.5 | 25 |
| TYK745 | 5 | 25 |
| TYK746 | 5.5 | 25 |
| TYK747 | 6 | 25 |
| TYK748 | 7 | 25 |
| TYK591 | 8 | 25 |
| TYK750 | 9 | 25 |
| TYK592 | 10 | 25 |
| TYK752 | 11 | 25 |
| TYK753 | 12 | 25 |
| TYK754 | 13 | 25 |
| TYK755 | 14 | 25 |

▶ 1/4" DRIVE METRIC DEEP LENGTH SOCKETS 6-POINT



| Model No. | Hex Size mm | Length mm |
|-----------|-------------|-----------|
| TYK801 | 4 | 50 |
| TYK802 | 4.5 | 50 |
| TYK803 | 5 | 50 |
| TYK804 | 5.5 | 50 |
| TYK805 | 6 | 50 |
| TLV497 | 7 | 50 |
| TLV553 | 8 | 50 |
| TYK806 | 9 | 50 |
| TLV498 | 10 | 50 |
| TYK807 | 11 | 50 |
| TYK808 | 12 | 50 |
| TYK809 | 13 | 50 |
| TYK810 | 14 | 50 |

3/8" DRIVE SOCKET ACCESSORIES

▶ RATCHETS

3/8" DRIVE, 7-7/8" L

Model No. TNB484



3/8" DRIVE QUICK-RELEASE, 8" L

Model No. TLV364



▶ 3/8" DRIVE QUICK-RELEASE WITH RUBBER GRIP, 8" L

Model No. TLV381



▶ HINGE HANDLES

3/8" DRIVE, 9-1/2" L

Model No. TYL037

3/8" DRIVE, 8-1/2" L

Model No. TYL038



▶ EXTENSIONS

3/8" DRIVE, 3" L

Model No. TLV365

3/8" DRIVE, 8" L

Model No. TJZ226



3/8" DRIVE, 6" L

Model No. TLV366

3/8" DRIVE, 12" L

Model No. TYL040



▶ ADAPTORS

3/8" DRIVE, 1/4" M

Model No. TYL041

3/8" DRIVE, 1/2" M

Model No. TYK847



▶ SPARK PLUG SOCKETS

3/8" DRIVE, 5/8"

Model No. TYL042

3/8" DRIVE, 13/16"

Model No. TYL043



▶ UNIVERSAL JOINT

3/8" DRIVE, 2-1/4" L

Model No. TYK844



3/8" DRIVE SOCKETS

▶ 3/8" DRIVE S.A.E STANDARD LENGTH SOCKETS 6-POINT



| Model No. | Hex Size" | Length" |
|-----------|-----------|---------|
| TLV367 | 1/4 | 1-1/8 |
| TLV368 | 5/16 | 1-1/8 |
| TYK756 | 3/8 | 1-1/8 |
| TLV488 | 7/16 | 1-1/8 |
| TMB048 | 1/2 | 1-1/8 |
| TLV369 | 9/16 | 1-1/8 |
| TYK757 | 5/8 | 1-1/8 |
| TLV473 | 11/16 | 1-1/8 |
| TLV474 | 3/4 | 1-1/8 |
| TMB044 | 13/16 | 1-1/8 |
| TMB045 | 7/8 | 1-1/8 |

▶ 3/8" DRIVE S.A.E DEEP LENGTH SOCKETS 6-POINT



| Model No. | Hex Size" | Length" |
|-----------|-----------|---------|
| TYL048 | 1/4 | 2-1/2 |
| TYK811 | 5/16 | 2-1/2 |
| TYK812 | 3/8 | 2-1/2 |
| TLV370 | 7/16 | 2-1/2 |
| TLV371 | 1/2 | 2-1/2 |
| TLV372 | 9/16 | 2-1/2 |
| TMB047 | 5/8 | 2-1/2 |
| TLV475 | 11/16 | 2-1/2 |
| TLV373 | 3/4 | 2-1/2 |
| TLV374 | 13/16 | 2-1/2 |
| TLV476 | 7/8 | 2-1/2 |

▶ 3/8" DRIVE METRIC STANDARD LENGTH SOCKETS 6-POINT



| Model No. | Hex Size mm | Length mm |
|-----------|-------------|-----------|
| TYK758 | 6 | 28 |
| TYK759 | 7 | 28 |
| TYK760 | 8 | 28 |
| TYK761 | 9 | 28 |
| TMB046 | 10 | 28 |
| TYK762 | 11 | 28 |
| TMB049 | 12 | 28 |
| TMB052 | 13 | 28 |
| TYK763 | 14 | 28 |
| TYK764 | 15 | 28 |
| TYK765 | 16 | 28 |
| TYK766 | 17 | 28 |
| TYK767 | 18 | 30 |
| TMB054 | 19 | 30 |
| TYL044 | 20 | 30 |
| TYL045 | 21 | 30 |
| TYL046 | 22 | 30 |
| UAD527 | 23 | 30 |

▶ 3/8" DRIVE METRIC DEEP LENGTH SOCKETS 6-POINT



| Model No. | Hex Size mm | Length mm |
|-----------|-------------|-----------|
| TYL050 | 6 | 63 |
| TYK593 | 7 | 63 |
| TYK813 | 8 | 63 |
| TYK814 | 9 | 63 |
| TYK815 | 10 | 63 |
| TYK816 | 11 | 63 |
| TMB053 | 12 | 63 |
| TYK817 | 13 | 63 |
| TYK818 | 14 | 63 |
| TYK819 | 15 | 63 |
| TYK820 | 16 | 63 |
| TYK821 | 17 | 63 |
| TYK822 | 18 | 63 |
| TYK823 | 19 | 63 |
| TYL052 | 20 | 63 |
| TYL053 | 21 | 63 |
| TYL054 | 22 | 63 |
| TYL055 | 23 | 63 |

1/2" DRIVE SOCKET ACCESSORIES

► RATCHETS

1/2" DRIVE, 10" L

Model No. TLV375



1/2" DRIVE QUICK-RELEASE, 10" L

Model No. TLV376



1/2" DRIVE QUICK-RELEASE
WITH RUBBER GRIP, 10" L

Model No. TLV382



► HINGE HANDLE

1/2" DRIVE, 14-1/4" L

Model No. TTB977



► EXTENSIONS

1/2" DRIVE, 3" L

Model No. TYL058

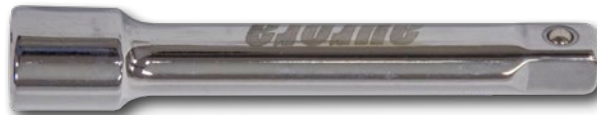


1/2" DRIVE, 5" L

Model No. TLV377

1/2" DRIVE, 10" L

Model No. TYK848



► ADAPTORS

1/2" DRIVE, 3/8" M

Model No. TYL056

1/2" DRIVE, 3/4" M

Model No. TYL057



► UNIVERSAL JOINT

1/2" DRIVE, 3" L

Model No. TLV378



► SPEED HANDLE

1/2" DRIVE

Model No. TNB489



► SPARK PLUG SOCKETS

1/2" DRIVE, 5/8"

Model No. TYK845

1/2" DRIVE, 13/16"

Model No. TYK846



1/2" DRIVE SOCKETS

1/2" DRIVE S.A.E STANDARD LENGTH SOCKETS 6-POINT



| Model No. | Hex Size" | Length" |
|-----------|-----------|---------|
| TYK768 | 3/8 | 1-1/2 |
| TYK769 | 7/16 | 1-1/2 |
| TTB978 | 1/2 | 1-1/2 |
| TMB050 | 9/16 | 1-1/2 |
| TYK771 | 5/8 | 1-1/2 |
| TYJ946 | 11/16 | 1-1/2 |
| TMB051 | 3/4 | 1-1/2 |
| TYK648 | 13/16 | 1-1/2 |
| TNB728 | 7/8 | 1-1/2 |
| TYL059 | 15/16 | 1-9/16 |
| TYK775 | 1 | 1-11/16 |
| TYL060 | 1-1/16 | 1-13/16 |
| TYL061 | 1-1/8 | 1-13/16 |
| TYL062 | 1-3/16 | 1-13/16 |
| TYL063 | 1-1/4 | 1-13/16 |

1/2" DRIVE S.A.E DEEP LENGTH SOCKETS 6-POINT



| Model No. | Hex Size" | Length" |
|-----------|-----------|---------|
| TYK824 | 7/16 | 3-1/16 |
| TYK825 | 1/2 | 3-1/16 |
| TYK826 | 9/16 | 3-1/16 |
| TYK827 | 5/8 | 3-1/16 |
| TYK828 | 11/16 | 3-1/16 |
| TYK829 | 3/4 | 3-1/16 |
| TYK830 | 13/16 | 3-1/16 |
| TYK831 | 7/8 | 3-1/16 |
| TLV379 | 15/16 | 3-1/16 |
| TYL067 | 1 | 3-1/16 |
| TYL068 | 1-1/16 | 3-1/16 |
| TYK649 | 1-1/8 | 3-1/16 |
| TYL069 | 1-1/4 | 3-1/16 |

1/2" DRIVE METRIC STANDARD LENGTH SOCKETS 6-POINT

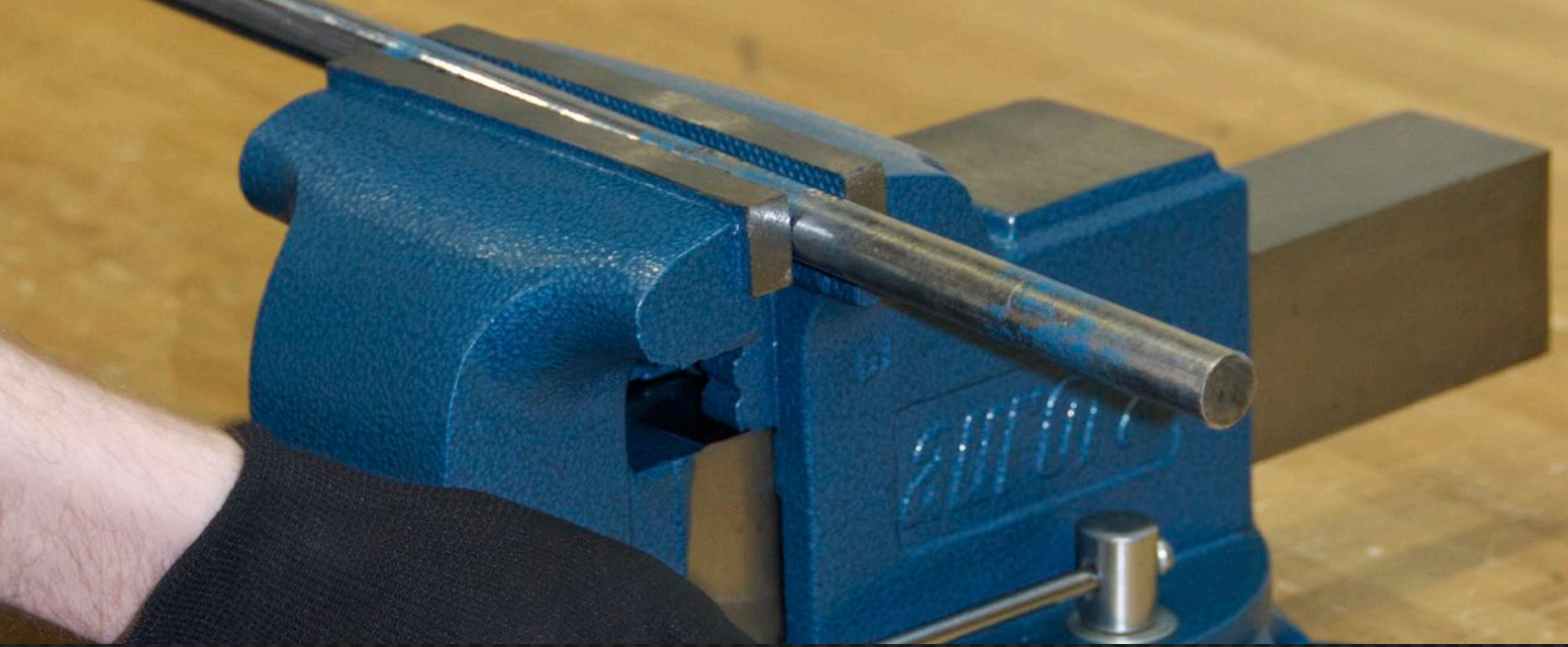


| Model No. | Hex Size mm | Length mm |
|-----------|-------------|-----------|
| TYK776 | 10 | 38 |
| TYK777 | 11 | 38 |
| TYK778 | 12 | 38 |
| TYK779 | 13 | 38 |
| TYK780 | 14 | 38 |
| TYK781 | 15 | 38 |
| TYK782 | 16 | 38 |
| TYK783 | 17 | 38 |
| TYK784 | 18 | 38 |
| TYK785 | 19 | 38 |
| TYK786 | 20 | 38 |
| TYK787 | 21 | 38 |
| TYK788 | 22 | 38 |
| TYK789 | 23 | 40 |
| TYK790 | 24 | 40 |
| TYL064 | 27 | 44 |
| TYL065 | 30 | 44 |
| TYL066 | 32 | 44 |

1/2" DRIVE METRIC DEEP LENGTH SOCKETS 6-POINT



| Model No. | Hex Size mm | Length mm |
|-----------|-------------|-----------|
| TYK832 | 10 | 77 |
| TYK833 | 11 | 77 |
| TYK834 | 12 | 77 |
| TYK835 | 13 | 77 |
| TYK836 | 14 | 77 |
| TYL070 | 15 | 77 |
| TYK837 | 16 | 77 |
| TYK838 | 17 | 77 |
| TYL071 | 18 | 77 |
| TYK839 | 19 | 77 |
| TYK840 | 20 | 77 |
| TYK841 | 21 | 77 |
| TYK842 | 22 | 77 |
| TYL072 | 23 | 77 |
| TYL073 | 24 | 77 |
| TYL074 | 27 | 77 |
| TYL075 | 30 | 77 |
| TYL076 | 32 | 77 |



CLAMPS & VISES

| | |
|---------------------------|-------|
| Parallel Jaw Clamps | 87 |
| C-Clamps | 87 |
| Hold Down Clamps..... | 88 |
| Vises | 89-90 |

CLAMPS & CAULKING GUNS

PARALLEL JAW CLAMPS

- Aluminum die-cast handles have a quick adjustment mechanism for easy sizing
- Serrations in the steel rails engage with a hardened steel insert in the jaw to eliminate slipping
- Clamp jaws are encased in non-marring, glue resistant polypropylene casing
- Clamps up to 2.5 KN of pressure
- Throat depth: 3-1/3"
- Throat width: 1-1/2"
- Clamping Force: 562 lbs

| Model No. | Clamping Capacity" |
|-----------|--------------------|
| TYB500 | 24 |
| TYB501 | 40 |



C-CLAMPS

- Manufactured from SG iron with over 60 000 PSI of tensile strength
- Swiveling pad adapts to the correct angle to apply even pressure on the work piece
- Textured powder coat finish on frame and black oxide finish on spindle increases corrosion resistance

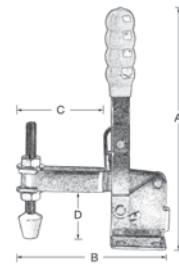
| Model No. | Clamping Capacity" | Throat Depth" | Clamping Force (lbs) |
|-----------|--------------------|---------------|----------------------|
| TYB502 | 2 | 1-5/8 | 800 |
| TYB503 | 3 | 1-11/16 | 1000 |
| TYB504 | 4 | 2-11/32 | 1200 |
| TYB505 | 6 | 3 | 1400 |
| TYB506 | 8 | 3-1/8 | 1700 |
| TYB507 | 10 | 3-1/2 | 2200 |
| TYB508 | 12 | 4 | 2500 |



CLAMPS

VERTICAL HOLD DOWN CLAMPS

- Includes bonded neoprene-tipped spindle and flanged washers
- Open arm provides adjustable spindle location
- Commonly used clamps in manufacturing
- Perfect for holding work pieces in place
- Durable steel construction



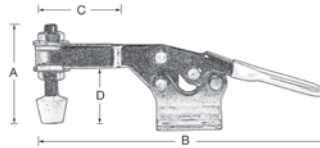
TLV626



| Model No. | Clamping Force lbs. | A" | Dimensions B" | C" | D" | L" | Base x W" | Wt. lbs. |
|-----------|---------------------|-------|---------------|-------|-------|---------|-----------|----------|
| TLV625 | 200 | 4 | 2-1/2 | 1 | 1 | 1 | x 1-3/4 | 0.34 |
| TLV626 | 375 | 6 | 4-5/8 | 2-3/4 | 1-1/4 | 1-13/16 | x 1-7/16 | 0.65 |
| TLV627 | 600 | 8-1/8 | 4-13/16 | 3 | 1-3/4 | 1-7/8 | x 2-1/2 | 1.25 |

HORIZONTAL HOLD DOWN CLAMPS

- Includes bonded neoprene-tipped spindle and flanged washers
- Low height design is ideal when space is a concern
- Open arm provides adjustable spindle location
- Commonly used clamps in manufacturing
- Perfect for holding work pieces in place
- Durable steel construction

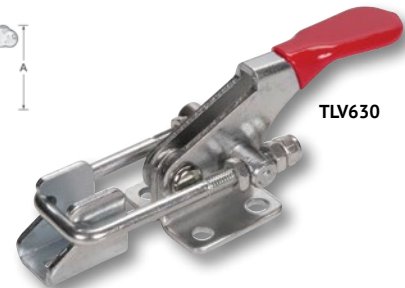
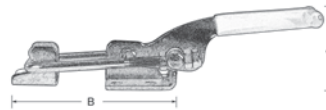


TLV628

| Model No. | Clamping Force lbs. | A" | Dimensions B" | C" | D" | L" | Base x W" | Wt. lbs. |
|-----------|---------------------|---------|---------------|---------|-------|--------|-----------|----------|
| TLV628 | 200 | 1-1/16 | 5-5/8 | 2-1/4 | 1 | 1-7/16 | x 1-7/16 | 0.28 |
| TLV629 | 500 | 1-13/16 | 6-3/4 | 2-11/16 | 15/16 | 1-3/8 | x 1-1/2 | 0.52 |

LATCH CLAMPS

- Commonly used to hold molds, dies, and jigs together
- Includes latch plate
- Commonly used clamps in manufacturing
- Perfect for holding work pieces in place
- Durable steel construction

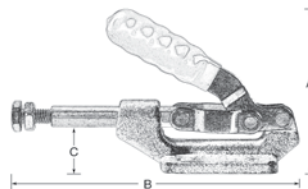


TLV630

| Model No. | Clamping Force lbs. | Dimensions A" | B" | L" | Base x W" | Wt. lbs. |
|-----------|---------------------|---------------|-------|--------|-----------|----------|
| TLV630 | 360 | 1-1/4 | 4 | 1-1/16 | x 1 | 0.16 |
| TLV631 | 700 | 1-5/8 | 6-7/8 | 1-1/2 | x 1-11/16 | 0.55 |

STRAIGHT LINE CLAMPS

- Commonly used in assembly operations or with welding jigs
- Commonly used clamps in manufacturing
- Perfect for holding work pieces in place
- Durable steel construction



TLV632



TLV633

| Model No. | Clamping Force lbs. | Dimensions A" | B" | C" | L" | Base x W" | Wt. lbs. |
|-----------|---------------------|---------------|-------|-------|-------|-----------|----------|
| TLV632 | 600 | 3-1/8 | 5-1/4 | 1-1/2 | 1-7/8 | x 1-1/4 | 0.80 |
| TLV633 | 300 | 4-5/16 | 4-1/2 | - | - | - | 0.42 |

HEAVY-DUTY BENCH VISES W/FIXED BASE

- 80 000 PSI industrial grade ductile iron
- Built in pipe jaws hold round objects
- Hardened anvil striking surface used for forming & shaping
- Safety locking plate in base prevents the vise from slippage

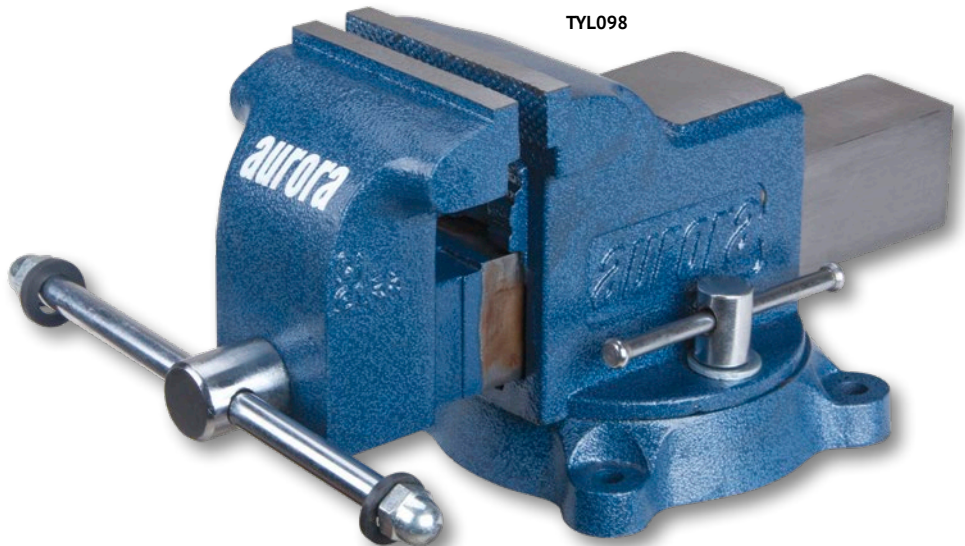


TYL093

| Model No. | Jaw Width" | Jaw Opening" | Throat Depth" | Mount Type |
|-----------|------------|--------------|---------------|------------|
| TYL093 | 4 | 4-1/2 | 2-7/10 | Fixed |
| TYL094 | 5 | 5-1/2 | 3-3/10 | Fixed |
| TYL095 | 6 | 6-1/2 | 3-1/2 | Fixed |
| TYL096 | 8 | 8-1/2 | 4 | Fixed |

HEAVY-DUTY BENCH VISES W/SWIVEL BASE

- 80 000 PSI industrial grade ductile iron
- Built in pipe jaws hold round objects
- Hardened anvil striking surface used for forming & shaping
- Safety locking plate in base prevents the vise from slippage



TYL098

| Model No. | Jaw Width" | Jaw Opening" | Throat Depth" | Mount Type |
|-----------|------------|--------------|---------------|------------|
| TYL098 | 4 | 4-1/2 | 2-1/2 | Swivel |
| TYL099 | 5 | 5-1/2 | 3 | Swivel |
| TYL100 | 6 | 6-1/2 | 3-2/5 | Swivel |
| TYL101 | 8 | 8-3/10 | 3-4/5 | Swivel |

VICES

MULTI-PURPOSE BENCH VISE

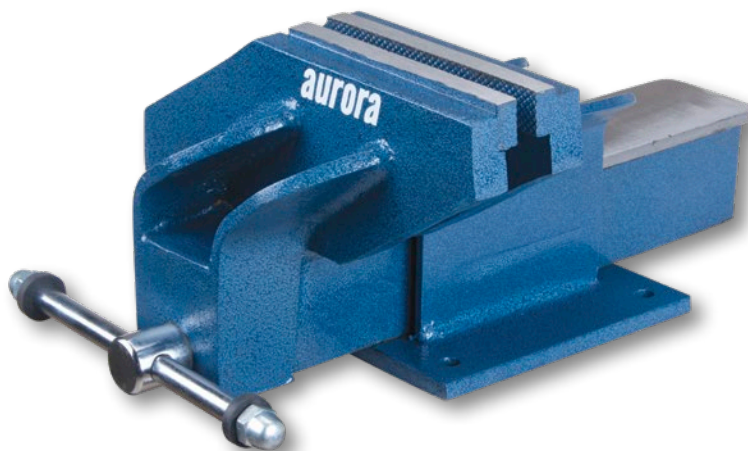
- Heavy duty casting for demanding applications
- Rotating head for gripping at any angle
- Permanent pipe jaws hold round objects
- Hardened anvil striking surface used for forming & shaping
- Safety locking plate in base prevents the vise from slippage



| Model No. | Jaw Width" | Jaw Opening" | Throat Depth" | Mount Type |
|-----------|------------|--------------|---------------|------------|
| TYL102 | 5 | 5-1/2 | 3-1/10 | Swivel |

OFF-SET BENCH VISE

- Heavy duty industrial grade vise
- V notched hardened jaws for vertical gripping
- Ideal for tall work pieces
- Hardened anvil striking surface used for forming & shaping
- Safety locking plate in base prevents the vise from slippage



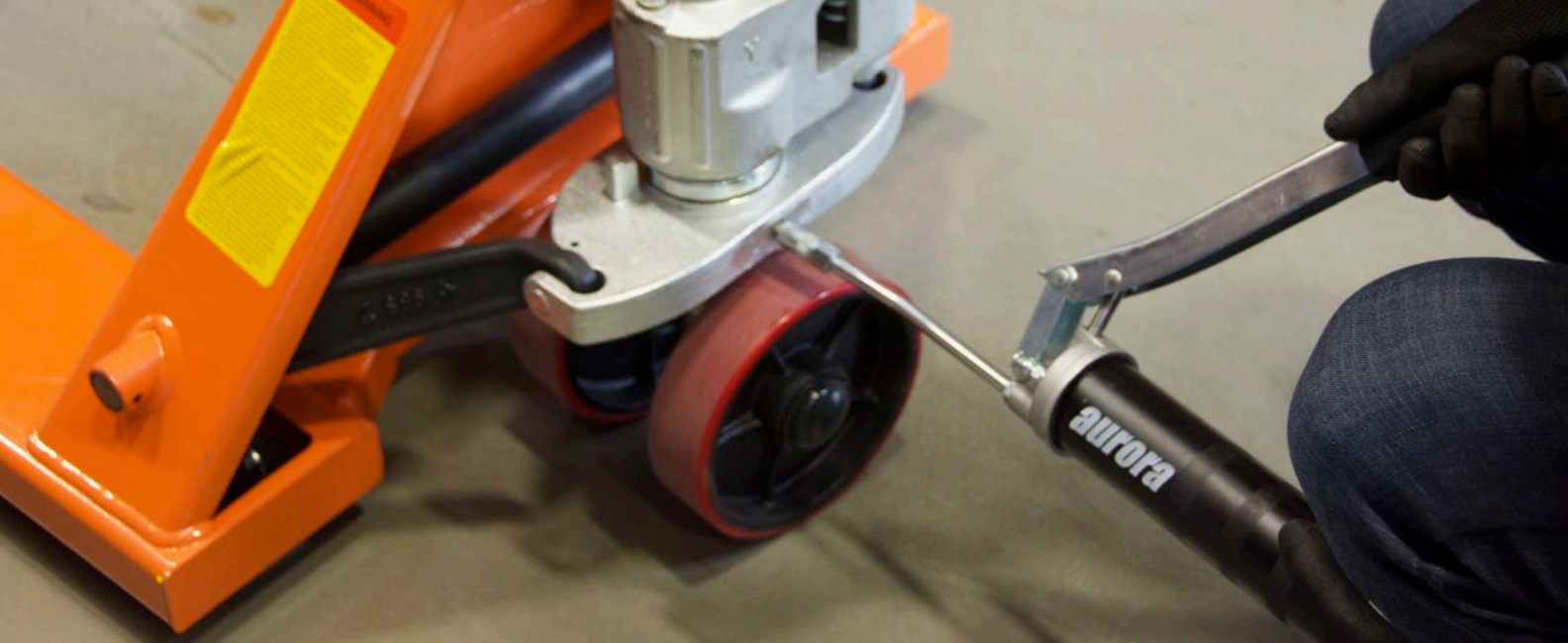
| Model No. | Jaw Width" | Jaw Opening" | Throat Depth" | Mount Type |
|-----------|------------|--------------|---------------|------------|
| TYL103 | 6 | 6-1/2 | 4 | Fixed |

UTILITY WORKSHOP VISE

- 80 000 PSI industrial grade ductile iron
- Built in pipe jaws hold round objects
- Hardened anvil striking surface used for forming & shaping
- Safety locking plate in base prevents the vise from slippage



| Model No. | Jaw Width" | Jaw Opening" | Throat Depth" | Mount Type |
|-----------|------------|--------------|---------------|------------|
| TYL097 | 6 | 6-1/2 | 3-2/5 | Swivel |



LUBRICATION TOOLS

| | |
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GREASE GUNS

STANDARD-DUTY LEVER GREASE GUN

- Designed for use in general lubrication and daily maintenance work
- Capacity: 14 oz. (400 g) grease cartridge or suction fill
- Comes with 6" steel extension and 4-jaw coupler with ball check
- Develops 6000 PSI

Model No. AC472



HEAVY-DUTY LEVER GREASE GUN

- Designed for punishing day-in and day-out heavy industrial applications
- Capacity: 14 oz. (400 g) grease cartridge, filler pump or suction fill
- Built-in variable stroke feature for greasing fittings with limited access
- Die cast grease gun head fitted with bulk loader and air bleeder
- Extra heavy-duty zinc plated lever handle with ergonomic rubber grip
- Comes with 6" steel extension and 4-jaw coupler with ball check
- Develops 10 000 PSI

Model No. AC473



HEAVY-DUTY PISTOL GREASE GUNS

- Designed for use in general confined spaces or where access to grease nipples is restricted
- Capacity: 14 oz. (400 g) grease cartridge or suction fill
- Heavy-duty die cast grease gun head
- Develops 5000 PSI
- **AC475** comes with 5" steel extension and 4-jaw coupler with ball check
- **AC476** comes with 18" flexible hose and 4-jaw coupler with ball check

Model No. AC475

Model No. AC476

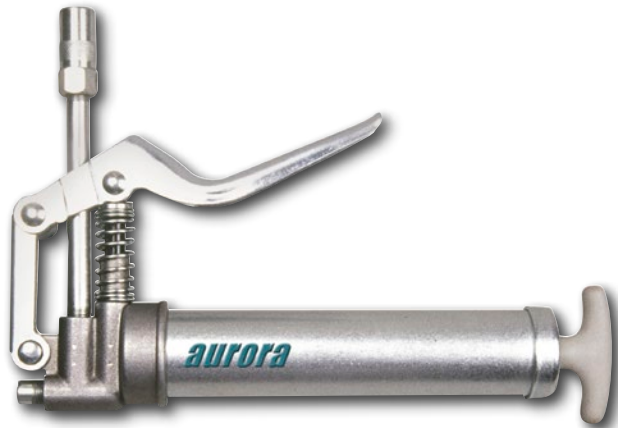


GREASE GUNS

▶ DELUXE MINI PISTOL GREASE GUN

- Die cast grease gun head with dual discharge ports for use with steel extension as well as a flex hose
- Single-hand operated pistol grip
- Develops 3500 PSI
- Capacity: 3 oz. grease cartridge or bulk fill
- Textured zinc plated finish for non-slip grip
- Comes with 4" steel extension and professional 4-jaw coupler with ball check

Model No. AC477



▶ AIR-OPERATED GREASE GUN

- Ideal for use in factory maintenance
- Single shot of grease discharge with every press of the trigger
- Air operating range: 40 - 120 PSI
- Comes with 6" steel extension and professional 4-jaw coupler with ball check
- Cartridge Capacity: 414 ml
- Max. PSI 4800 PSI

Model No. AC478



▶ SUCTION GUN

- A rugged transfer gun designed for use with gear oils to get them both into and out of gear boxes, transfer cases and differentials
- Comes with 12" flexible vinyl hose
- Capacity: 16 oz.

Model No. AC494



▶ MINI GREASE GUN

- Designed for use in general confined spaces, or where access to grease nipples is restricted
- Single-hand-operated push type grip
- Develops 1400 psi
- Capacity: 3 oz. (85 g)

Model No. AD084



GREASE PUMPS

GREASE FILLER PUMP

- An ideal grease filling solution to easily load bulk or combination grease guns from bulk grease pails
- No mess or waste
- Full economy in buying bulk grease
- Fits gallon size: 5 gallons
- Rubber lining follower plate for use with most bucket types

Model No. AD383



BUCKET GREASER

- High-volume, high-pressure grease pump
- Uses low cost bulk grease
- Delivers 3 g/stroke or 1 oz. in less than 10 strokes at pressures up to 2000 PSI
- Comes with 22-lb. built-in steel grease bucket

Model No. AC495



AIR-OPERATED GREASE PUMPS

- Ideal for applications having continuous need for high-pressure grease
- Pump ratio 50:1
- Recommended air pressure between 60 and 125 PSI
- Air inlet: 1/4" NPT (female)
- Grease outlet: 1/4" NPT (female)
- Fits 5-gallon and 16-gallon pails
- Rubber-lined follower plate, 7' of high pressure grease hose, Z swivel and grease control valve
- Develops: 6250 PSI

Model No. AC496

- 25-50 lbs. Pails
- 12" diameter drum cover

Model No. AC497

- For 120 lbs. Pails
- 15" diameter drum cover



PREMIUM GREASE CONTROL VALVE

- For use with power-operated equipment
- Provides continuous grease flow with trigger fully depressed
- Inlet thread specification: 1/4" NPT (female)
- Outlet thread specification: 1/8" NPT (female)
- 7500 PSI
- Comes with 6" steel extension and heavy-duty coupler

Model No. AC498



OIL CANS & FUNNELS

OIL CANS

- Seamless oil can body is drawn from heavy-gauge tin-coated sheet
- Premium powder-coated finish
- Steel pump



AC588



AC597



AC590

| Model No. | Cap. Oz. | Spout Length" | Spout Type |
|--------------------|----------|---------------|------------|
| PISTOL TYPE | | | |
| AC588 | 4 | 5 | Flexible |
| AC513 | 6 | 5 | Flexible |
| AC597 | 6 | 6 | Flexible |
| AC596 | 6 | 6 | Rigid |
| AC599 | 16 | 6 | Flexible |
| AC598 | 16 | 6 | Rigid |
| AC600 | 33 | 6 | Rigid |

| Model No. | Cap. Oz. | Spout Length" | Spout Type |
|-------------------|----------|---------------|------------|
| LEVER TYPE | | | |
| AC514 | 6 | 6 | Flexible |
| AC515 | 10 | 6 | Flexible |
| AC589 | 13 | 7 | Flexible |
| AC516 | 16 | 7 | Flexible |
| AC592 | 16 | 9 | Flexible |
| AC593 | 16 | 9 | Rigid |
| AC590 | 23 | 8 | Flexible |
| AC594 | 33 | 9 | Flexible |
| AC595 | 33 | 9 | Rigid |

LIQUID MEASURES

- Translucent high density polyethylene construction
- Comes complete with a polyethylene flexible spout for difficult to reach areas
- Cap on flexible spout and polypropylene lid renders measure spill proof
- Spout length: 7-1/2"
- Spout diameter: 3/4"



| Model No. | Cap. Quart |
|-----------|------------|
| TYB513 | 1 |
| TYB514 | 2 |
| TYB515 | 3 |
| TYB516 | 5 |

FUNNELS

- Translucent high density polyethylene construction
- Wire mesh screen keeps contaminants out
- Comes complete with a polyethylene flexible spout for difficult to reach areas
- Curved funnel ends make the funnel splash and spill proof



| Model No. | Diameter" | Capacity Litres |
|-----------|-----------|-----------------|
| TYB517 | 8 | 1.7 |
| TYB518 | 9-1/2 | 3 |

GREASE GUN ACCESSORIES

PROFESSIONAL COUPLER

- Hardened spring steel jaws and hardened body withstand high pressures without deformation
- Hexagonal nut allows easy tightening
- Threads: 1/8" NPT
- 4-jaw construction, 6000 PSI
- For hand-operated grease guns only

Model No. AC482



HEAVY-DUTY COUPLER

- Hardened spring steel jaws and hardened body with double-wall thickness withstand very high pressures without deformation
- Hexagonal nut allows easy tightening
- Threads: 1/8" NPT
- 4-jaw construction, 10 000 PSI
- For hand and air operated equipment

Model No. AC483



360° SWIVEL HYDRAULIC COUPLER

- Excellent coupler for effective lubrication of difficult and hard-to-reach grease fittings
- Swivels in full 360° circle and locks conveniently at any 45° position
- 45° angle gives easy access to most grease fittings
- Spring-loaded ball-check valve helps retain pressure
- Threads: 1/8" NPT
- 3-jaw construction, 7000 PSI

Model No. AC484



RIGHT-ANGLED HYDRAULIC COUPLER

- Fits all standard grease guns
- Designed for right-angled discharge of grease, very useful for greasing fittings with limited access or in low heights
- Threads: 1/8" NPT
- 10 000 PSI

Model No. AC485



FLEXIBLE GREASE HOSES

- Standard grease hose is the most popular version of flexible grease hoses
- **AC481** hose fitted with heavy-duty spring guard adds safety and convenience in fitting, as well as preventing the hose from bending
- Threads: 1/8" NPT
- Working pressure: 3500 PSI
- For hand-operated grease guns only

Model No. AC479 - 12"

Model No. AC480 - 18"

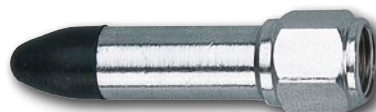
Model No. AC481 - 18"



SEAL-OFF DISPENSER

- Used with grease gun extension or hose for lubricating grease plugs
- Threads: 1/8" NPT

Model No. AC491



GREASE GUN ACCESSORIES

STEEL BEARING PACKER

- For use with grease guns
- The design incorporates a grease nipple at one end which easily adapts to the diameter grease gun coupler
- Greases bearings in cars, boats, trailers, RV's etc. with a minimum inner diameter of 1/2" to a maximum outer diameter of 5" and height from 1/4" to 2"

Model No. AC493



GREASE GUN HOLDER

- Simple snap action clamp for safe storage of grease guns and suction guns
- Fits all standard grease guns

Model No. AC486



GREASE INJECTOR NEEDLE

- Lubricates in very tight spaces such as universal joints and sealed bearings
- Equipped with standard grease fitting without ball check and protective plastic holder
- 18-gauge needle thickness
- 1-1/2" long

Model No. AC487



NEEDLE NOSE ADAPTOR

- Used for dispensing a fine line of grease through the needle nose
- Quick-connect action
- Tip diameter: 0.046" (1.168 mm)
- Needle length: 4"

Model No. AC488



NEEDLE NOSE DISPENSERS

- Used for dispensing a fine line of grease
- Can be attached directly to steel extensions or flexible hoses
- Threads: 1/8" NPT

Model No. AC489

Model No. AC490



AC489: 15 mm Needle Length, 0.219" (5.56 mm) needle diameter

AC490: 38 mm Needle Length, 0.156" (3.96 mm) needle diameter

EZEE-LUBE KIT

- The Ezee-Lube kit contains a range of quick-connect fittings designed to meet any and every greasing application

Model No. AC492



EASY-OUT TOOLS

- Handy, dual-purpose tool for removing worn and broken grease fittings, as well as re-tapping holes for installing new grease fittings

Model No. AC511

Model No. AC512



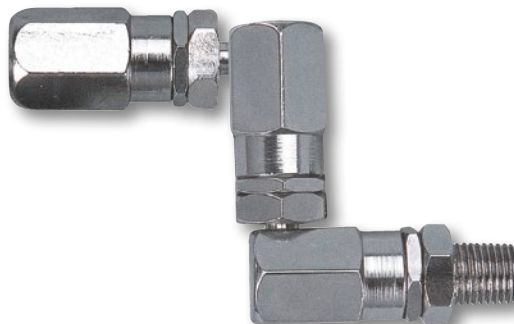
AC511: 1/4" - 28 tap re-threads

AC512: 1/8" - 27 tap re-threads

GREASE FITTINGS

SWIVELS

- Installed between the delivery hose and grease control valve, swivels permit easy handling of control valves and prevent damage to hose caused by twisting
- 6000 PSI



THREAD SPECIFICATIONS:

Model No. AC499

1/4" NPT (F) - 1/4" NPT (M)

Model No. AC500

1/4" NPT (F) - 1/8" NPT (M)

GREASE FITTINGS

- Manufactured to the most stringent quality standards
- QS9000 Approved



AC501



AC504



AC507

S.A.E.

| Model No. | Description |
|---|------------------|
| 1/4" - 28 S.A.E.-LT PIPE THREADS - SET OF 10 | |
| AC501 | Short - Straight |
| AC502 | Short - 45° |
| 1/8" - 27 NPT PIPE THREADS - SET OF 10 | |
| AC504 | Short - Straight |
| AC505 | Short - 45° |
| AC506 | Short - 90° |
| DRIVE FITTING - SET OF 10 | |
| AC507 | For 3/16" Drill |

METRIC

| Model No. | Description |
|---|-------------|
| M6 X 1 PIPE THREADS - SET OF 10 | |
| AD202 | Straight |
| AD203 | 90° |
| M8 X 1 PIPE THREADS - SET OF 10 | |
| AD204 | Straight |
| AD205 | 90° |
| M10 X 1 PIPE THREADS - SET OF 10 | |
| AD206 | Straight |
| AD207 | 90° |

GREASE FITTING SETS



SETS

| Model No. | Contents |
|-----------|---|
| AC509 | 80 PCS. OF S.A.E. GREASE FITTINGS: 15x 1/4" 28 S.A.E. LT Straight 10x 1/4" 28 S.A.E. LT 45° Angle 10x 1/4" 28 S.A.E. LT 90° Angle 25x 1/8" 27 NPT Straight 10x 1/8" 27 NPT 45° Angle 10x 1/8" 27 NPT 90° Angle |
| AC510 | 80 PCS. OF METRIC GREASE FITTINGS: 20x M6 x 1 Straight 10x M6 x 1 90° Angle 15x M8 x 1 Straight 10x M8 x 1 90° Angle 15x M10 x 1 Straight 10x M10 x 1 90° Angle |



PACKAGING & SHIPPING

| | |
|-----------------------------------|---------|
| Staples Guns | 100 |
| Hammer Tackers | 100 |
| Glue Guns..... | 101 |
| Tape Dispensers | 101 |
| Box Tape..... | 101 |
| Utility Knives..... | 102-103 |
| Utility Blades..... | 103 |
| Stretch Wrap Dispensers | 103 |
| Bag Sealers | 103 |
| Cable Ties..... | 104 |
| Rubber Tie Downs | 104 |
| Packing List Envelopes | 105 |
| Reclosable Poly Bags | 105 |
| Duct Tape | 106 |
| Manual Gummed Tape Dispenser..... | 106 |
| Kraft Tape..... | 106 |
| Impulse Sealers..... | 106 |

STAPLE & GLUE GUNS

HEAVY-DUTY STAPLE GUN

- All-steel construction, with rubberized handle for superior grip
- Easy squeeze, double leverage handle reduces operators fatigue
- Hand-contoured handle features molded plastic handle stop
- Bottom loading, with jam proof mechanism
- Adjustable driving force facilitates use
- Accepts staples in 3 lengths: 5/16", 3/8" and 1/2", with a crown width of 3/8"

Model No. PE337

HEAVY-DUTY HAMMER TACKER

- All-steel construction, with rubberized handle for superior grip
- Precision locked rear loading, with jam proof mechanism
- Retractable striking edge
- Chrome plated finish
- Accepts staples in 3 lengths: 5/16", 3/8" and 1/2", with a crown width of 3/8"

Model No. PE338

STAPLES

- Finish: Plain

| Model No. | Length | Crown" | Gauge | Qty /Box |
|-----------|--------------|--------|--------|----------|
| ON919 | 5/16" (8 mm) | 3/8 | 0.3125 | 500 |
| ON920 | 3/8" (10 mm) | 3/8 | 9 | 500 |
| ON921 | 1/2" (13 mm) | 3/8 | 16 | 500 |



GLUE GUNS

- Accepts 7/16" diameter regular glue sticks
- Trigger design for better grip control
- Features precise, even adhesive distribution
- Comes with metal wire stand
- Operating Temperature: 245°F - 380°F (120°C - 193°C)
- PE340: Illuminated on/off switch

| Model No. | Description | Heater |
|-----------|-------------|---------------------|
| PE339 | Light-Duty | 120 Volt (80 Watt) |
| PE340 | Heavy-Duty | 120 Volt (100 Watt) |



GLUE STICKS

| Model No. | Appearance | Viscosity | Melting Point | | Typical Applications | Dim." | Qty /Case |
|-----------|------------|---------------|---------------|---------|--|-----------|-----------|
| | | | °C | °F | | | |
| PE341 | Clear | 11 000-13 000 | 77-82 | 170-180 | High Strength, High Temp, For Non Porous Materials | 7/16 x 4 | 2000 |
| PE342 | Clear | 11 000-13 000 | 77-82 | 170-180 | High Strength, High Temp, For Non Porous Materials | 7/16 x 10 | 803 |
| PE343 | Amber | 5000 | 95 | 203 | All Temp, For Porous Materials | 7/16 x 15 | 536 |
| PE541 | Clear | 9400 | 80 | 176 | All temp, For Porous & Non Porous Materials | 7/16 x 10 | 803 |

*Sold/Priced Per Stick

TAPE & TAPE DISPENSERS

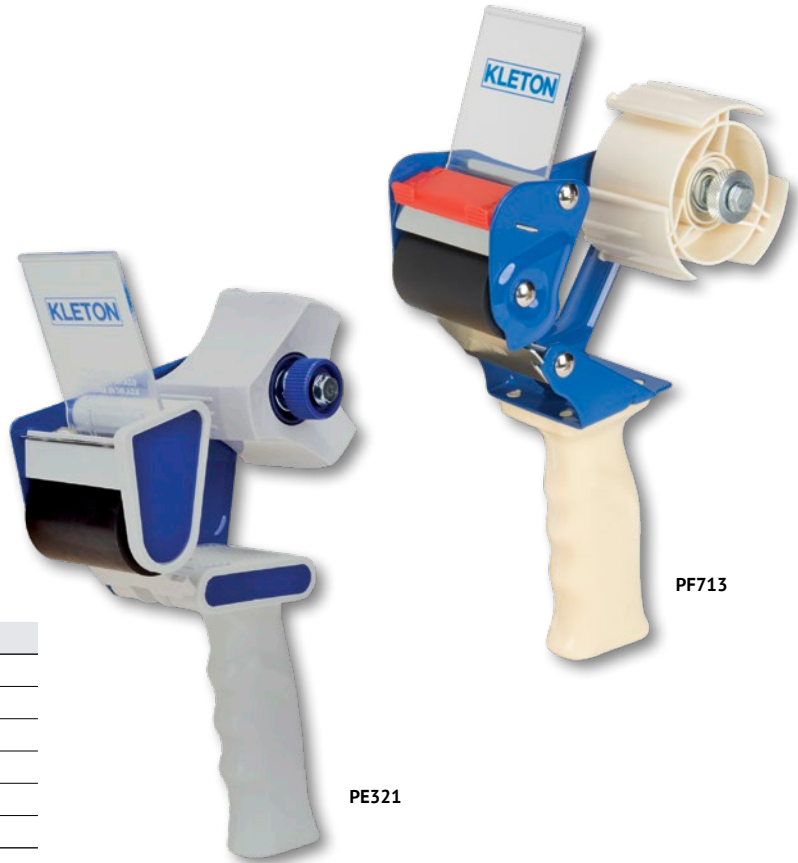
TAPE DISPENSERS

- Industrial quality tape guns constructed of steel and high impact plastic frame
- Adjustable brake lets you choose the desired release tension



KLETON

| Model No. | Description | Blade |
|-----------|--------------------------|-----------------|
| PE321 | 2" Standard-Duty Plastic | Retractable |
| PE322 | 2" Heavy-Duty Steel | Retractable |
| PE323 | 3" Heavy-Duty Steel | Retractable |
| PF712 | 2" Standard-Duty Plastic | Non-retractable |
| PF713 | 2" Heavy-Duty Steel | Non-retractable |
| PF714 | 3" Heavy-Duty Steel | Non-retractable |



PE321

PF713

ACRYLIC BOX TAPE

- Quality acrylic adhesive tape provides consistent performance
- Ideal for long term storage and lightweight carton sealing
- Works well in extreme temperatures
- Will not yellow with age



KLETON

| Model No. | Dimensions | Thickness | |
|-----------|---------------------------|-----------|------|
| | | Microns | Mils |
| PF231 | 2" x 216' (48 mm x 66 m) | 40 | 1.6 |
| PF232 | 2" x 328' (48 mm x 100 m) | 40 | 1.6 |
| PF233 | 2" x 328' (48 mm x 100 m) | 50 | 2.0 |
| PF234 | 3" x 216' (72 mm x 66 m) | 40 | 1.6 |
| PF235 | 2" x 432' (48 mm x 132 m) | 40 | 1.6 |

HOT MELT BOX TAPE

- Possesses superior holding power and tensile strength
- Ideal for use with boxes containing high amounts of recycled content
- Suitable for shipping and short-term storage



KLETON

| Model No. | Dimensions | Thickness | |
|-----------|---------------------------|-----------|------|
| | | Microns | Mils |
| PG127 | 2" x 216' (48 mm x 66 m) | 40 | 1.6 |
| PG128 | 2" x 328' (48 mm x 100 m) | 40 | 1.6 |
| PG129 | 2" x 328' (48 mm x 100 m) | 50 | 2.0 |
| PG130 | 3" x 216' (72 mm x 66 m) | 40 | 1.6 |
| PG131 | 2" x 432' (48 mm x 132 m) | 40 | 1.6 |

UTILITY KNIVES

HEAVY-DUTY UTILITY KNIFE ATK100

- Auto-reload blade change
- Auto-lock blade
- Rubber handle insert for superior grip
- Snap-off blades
- Attached blade snapper
- Includes 4 heavy-duty carbon steel blades
- Uses 18 mm blade

Model No. PE812



PROFESSIONAL UTILITY KNIFE ATK300

- Auto-lock blade
- Snap-off blades
- Attached blade snapper
- Uses 18 mm blade

Model No. PE814



PROFESSIONAL UTILITY KNIFE ATK400

- Blade screw lock
- Snap-off blades
- Comes with blade snapper
- Uses 18 mm blade

Model No. PE813



STAINLESS STEEL UTILITY KNIFE ATK500

- Auto-lock blade
- Snap-off blades
- Attached blade snapper
- Built-in belt clip
- Uses 9 mm blade

Model No. PE815



STANDARD-DUTY UTILITY KNIFE ATK600

- Snap-off blades
- Attached blade snapper
- Uses 9 mm blade

Model No. PE345



STANDARD-DUTY UTILITY KNIFE ATK700

- Auto-lock blade
- Durable ABS plastic body
- Snap-off blades
- Attached blade snapper
- Lightweight design
- Uses 18 mm blade

Model No. PE549



UTILITY KNIVES & ACCESSORIES

► HEAVY-DUTY UTILITY KNIFE ATK800

- Blade screw lock
- Snap-off blades
- Ergonomic handle for superior grip
- Uses 25 mm blade

Model No. PF710



► HEAVY-DUTY UTILITY KNIFE ATK900

- Ergonomic handle for superior grip
- Snap-off blades
- Blade Size: 18 mm
- Blade Material: Carbon Steel
- Blade Length: 139 mm
- Blade Thickness: 0.5 mm
- Locking Mechanism: Screw

Model No. PF711



► SELF-RETRACTING UTILITY KNIFE ATK1000

- Self-retracting blade for heightened safety
- Durable ABS plastic body
- Lightweight design
- Durability: Utility
- Blade Size: 18 mm
- Blade Material: Carbon Steel
- Blade Thickness: 0.5 mm

Model No. PF708

REPLACEMENT BLADES:
Model No. PF709



► REPLACEMENT UTILITY KNIFE BLADES

| Model No. | Blade Size | Thickness | Qty/Pack |
|-----------|------------|-----------|----------|
| PE407 | 9 mm | 0.4 mm | 10 |
| PF205 | 18 mm | 0.5 mm | 10 |
| PE410 | 25 mm | 0.7 mm | 10 |



► STRETCH WRAP DISPENSER

- For a smooth, tight application of stretch wrap
- Needle bearings at the top and bottom of the unit increase tension control
- Tension control knob on top ensures a tight, smooth wrap
- Tension knob also provides a second hand grip for added stability
- Adjusts to hold rolls from 11" to 18" wide

Model No. PE354

KLETON



► BAG SEALER

- Heavy-duty bag sealer with tape cutter
- Easy to use: just twist bag shut and move through slot

Model No. PE356

REPLACEMENT BLADES:
Model No. PE383

KLETON



CABLE TIES & RUBBER TIE DOWNS

CABLE TIES

- Manufactured from Dupont™ Zytel® 101F and Ascend™ Vydyne® 21SPF
- Ideal use in temperatures ranging from -20° C to 80°C
- **PF396** has the added benefit of weather resistance

| Model No. | Style | Length" | Bundle Dia. Min." - Max." | Tensile Strength lbs. | Qty /Bag |
|-----------|---------|---------|---------------------------|-----------------------|----------|
| PF385 | Natural | 4 | 1/16 - 7/8 | 18 | 1000 |
| PF386 | Black | 4 | 1/16 - 7/8 | 18 | 1000 |
| PF387 | Natural | 6 | 1/16 - 1-1/4 | 40 | 1000 |
| PF388 | Black | 6 | 1/16 - 1-1/4 | 40 | 1000 |
| PF389 | Natural | 8 | 1/16 - 1-3/4 | 50 | 1000 |
| PF390 | Black | 8 | 1/16 - 1-3/4 | 50 | 1000 |
| PF391 | Natural | 11 | 1/16 - 3 | 50 | 1000 |
| PF392 | Black | 11 | 1/16 - 3 | 50 | 1000 |
| PF393 | Natural | 15-1/2 | 1/16 - 4 | 120 | 100 |
| PF394 | Black | 15-1/2 | 1/16 - 4 | 120 | 100 |
| PF395 | Natural | 24 | 3/16 - 7 | 175 | 100 |
| PF396 | Black | 24 | 3/16 - 7 | 175 | 100 |



CABLE TIE SETS

Same great features as the Aurora cable ties, but with the added convenience of a set with mixed sizes.

Model No. PF397

SET INCLUDES:

400 x PF387
400 x PF389
200 x PF391

Model No. PF398

SET INCLUDES:

50 x PF393
50 x PF395

RUBBER TIE DOWNS

- Material: EPDM gives the ability to resist degradation resulting from weathering agents like UV rays and ozone making it perfect weather resistant rubber
- Retains its rebound qualities
- Rubber Tie Downs Straps resist cracking and rotting
- Durable Zinc plated steel "S" hooks

| Model No. | Length" | Max. Safe Stretch" |
|-----------|---------|--------------------|
| PE366 | 5 | 7.5 |
| PE367 | 9 | 13.5 |
| PE368 | 15 | 22.5 |
| PE369 | 21 | 31.5 |
| PE370 | 31 | 46.5 |
| PE371 | 41 | 61.5 |

RUBBER TIE DOWN SETS

Same great features as KLETON rubber tie downs however in the convenience of sets

10-PC. TIE DOWN SET

SET INCLUDES:

4 - 21" Tie Downs (**PE369**)
2 - 31" Tie Downs (**PE370**)
4 - 41" Tie Downs (**PE371**)

Model No. PF090

KLETON

16-PC. TIE DOWN SET

SET INCLUDES:

2 - 9" Tie Downs (**PE367**)
2 - 15" Tie Downs (**PE368**)
4 - 21" Tie Downs (**PE369**)
4 - 31" Tie Downs (**PE370**)
4 - 41" Tie Downs (**PE371**)

Model No. PF091

20-PC. TIE DOWN SET

SET INCLUDES:

10 - 21" Tie Downs (**PE369**)
10 - 41" Tie Downs (**PE371**)

Model No. PF092



PACKING ENVELOPES & POLY BAGS

PACKING LIST ENVELOPES

- Ideal for packing slips, invoices, warranties, instructions, etc.
- Self-adhesive envelopes are fast and convenient to use
- 1000/case
- Back loading

PF787



| Model No. | Description | Inside Dimensions" | Outside Dimensions" |
|-----------|---------------------------------|--------------------|---------------------|
| PF878 | Packing List Enclosed/Bilingual | 4 x 5 | 4-1/2 x 5-1/2 |
| PF879 | Blank | 4 x 5 | 4-1/2 x 5-1/2 |
| PF880 | Packing List Enclosed | 4 x 5 | 4-1/2 x 5-1/2 |
| PF881 | Blank | 6-1/2 x 5 | 7 x 5-1/2 |
| PF882 | Packing List Enclosed/Bilingual | 6-1/2 x 5 | 7 x 5-1/2 |
| PF883 | Blank | 9-1/2 x 5 | 10 x 5-1/2 |

RECLOSABLE POLY BAGS

- Hang-holes allow users to hang on hooks or pegs
- Zippered opening allows for easy opening and resealing
- 2-mil thickness
- 100/pack



| Model No. | Inside Dimensions" |
|-----------|--------------------|
| PF915 | 3 x 4 |
| PF919 | 3 x 5 |
| PF922 | 4 x 4 |
| PF925 | 4 x 6 |
| PF928 | 4 x 8 |
| PF929 | 5 x 7 |
| PF932 | 5 x 8 |
| PF935 | 6 x 6 |
| PF937 | 6 x 8 |
| PF942 | 6 x 9 |
| PF946 | 8 x 10 |
| PF949 | 9 x 6 |
| PF950 | 9 x 12 |
| PF954 | 10 x 12 |
| PF957 | 10 x 13 |
| PF958 | 12 x 12 |
| PF961 | 12 x 15 |
| PF965 | 15 x 20 |

WHITE BLOCK RECLOSABLE POLY BAGS

- Hang-holes allow users to hang on hooks or pegs
- Identify contents by writing on the white block area
- Zippered opening allows for easy opening and resealing
- 2-mil thickness
- 100/pack



| Model No. | Inside Dimensions" |
|-----------|--------------------|
| PF916 | 3 x 4 |
| PF918 | 3 x 5 |
| PF926 | 4 x 6 |
| PF933 | 5 x 8 |
| PF941 | 6 x 9 |
| PF948 | 8 x 10 |
| PF951 | 9 x 12 |
| PF963 | 12 x 15 |

TAPE & HEAT SEALERS

UTILITY GRADE DUCT TAPE

- Ideal for a wide variety of projects and applications
- Water resistant
- Easy to tear



| Model No. | Width | Length | Thickness |
|-----------|------------|-------------|-----------|
| PF688 | 50 mm (2") | 55 m (180') | 9 mils |
| PF689 | 50 mm (2") | 45 m (148') | 6 mils |

MANUAL GUMMED TAPE DISPENSER

- A single pull of the handle moistens and dispenses the required length of gummed tape.
- Manual lever dispenses and cuts tape up to 44" long
- Fits Tape Width Up To: 100 mm (4")
- Weight: 20.46 lbs.

Model No. PG200



REINFORCED KRAFT TAPE

- Water activated adhesive bonds to the carton even in dusty or dirty conditions
- Reinforced with fiberglass, adding strength to the tape
- Works well with recycled cardboard
- Recommended for use on lightweight cartons of up to 20 lbs
- Width: 3"
- Length: 150 m (492')
- Colour: Kraft

Model No. PG132

HEAT IMPULSE SEALERS

- Used for sealing polyethylene, polypropylene, and PVC bags
- Compact design
- Lightweight
- Easy to operate
- 110 V

| Model No. | Size" | Power |
|-----------|-------|-------|
| PF464 | 8 | 260 W |
| PF465 | 12 | 380 W |

| Replacement Silicon strip | Replacement PTFE Strip |
|---------------------------|------------------------|
| PF467 | PF468 |
| PF470 | PF471 |





WELDING

| | |
|-----------------------------------|---------|
| Welding Wire | 108 |
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WELDING WIRE



ER70S6 CARBON STEEL WELDING WIRE

- Highest combination of manganese and silicone deoxidizers
- Permits high current welding with CO₂ gas shielding
- Can also be applied with ArCO₂
- Excellent wetting
- Good for out-of-position welding using short circuiting transfer
- Layer/level wound wire
- Certified by CWB to CSA class W48 for ER49S-6
- Certified by AWS to class A5.18 for ER70S6

Sold per spool

| Model No. | Diameter | Spool Weight | Spools Per Master Box |
|-----------|------------------|-----------------|-----------------------|
| NT549 | 0.023" (0.6 mm) | 2 lbs. (0.9 kg) | 18 |
| NT550 | 0.030" (0.8 mm) | 2 lbs. (0.9 kg) | 18 |
| NT551 | 0.035" (0.9 mm) | 2 lbs. (0.9 kg) | 18 |
| NT552 | 0.045" (1.14 mm) | 2 lbs. (0.9 kg) | 18 |
| NT553 | 0.023" (0.6 mm) | 11 lbs. (5 kg) | 4 |
| NT554 | 0.030" (0.8 mm) | 11 lbs. (5 kg) | 4 |
| NT555 | 0.035" (0.9 mm) | 11 lbs. (5 kg) | 4 |
| NT556 | 0.023" (0.6 mm) | 33 lbs. (15 kg) | 1 |
| NT557 | 0.030" (0.8 mm) | 33 lbs. (15 kg) | 1 |
| NT560 | 0.035" (0.9 mm) | 44 lbs. (20 kg) | 1 |
| NT561 | 0.045" (1.14 mm) | 44 lbs. (20 kg) | 1 |



CAM ACTION CABLE CONNECTORS

- One model fits cable sizes 4 through 4/0
- Manufactured from heavy wall precision machined brass alloy
- Cable is held securely by large dome screw
- Brass body assembly slides easily into unique heavy-duty neoprene insulator with no external screws to avoid shock hazards
- Cam locking connectors are compatible with most common brands

| Model No. | Description |
|-----------|----------------------------|
| NT664 | Male/Female Connector Set |
| NT649 | Male Half With Insulator |
| NT650 | Female Half With Insulator |



▶ SOAPSTONES

- White soapstone
- Sold in box quantity of 144

| Model No. | Description |
|-----------|-----------------|
| NT225 | Flat Soapstone |
| NT226 | Round Soapstone |



▶ SOAPSTONE HOLDERS

- Soapstone features highly visible white marking stick cut from natural stone which adheres to metal, stone, concrete and fabrics
- Soapstone holders feature a pocket clip
- Sold with one soapstone installed
- Replacement soapstones available

ROUND HOLDER:

- Aluminum adjustable holder for 1/4" x 5" soapstone or chalk

FLAT HOLDER:

- Steel adjustable holder for 1/4" x 5" flat soapstone or chalk

| Model No. | Description |
|-----------|--------------|
| NT638 | Round Holder |
| NT639 | Flat Holder |



▶ WELDING STARTER'S KIT

- 2" x 4-1/4" or 4-1/4" x 5-1/4" lightweight welding helmet, with shade 10 lens and ratchet headgear
- Cotton welder's beanie, one size fits all
- Welding gloves, split leather with full thermal lining
- Chipping hammer, cone and chisel head with spring steel handle
- MIG pliers, 8-way with nickel plated finish
- Safety glasses with adjustable temples

| Model No. | Description |
|-----------|---------------------------------|
| TTU300 | Kit With 2" x 4-1/4" Helmet |
| TTU301 | Kit With 4-1/2" x 5-1/4" Helmet |



SHORTSTUB™ ELECTRODE HOLDERS

- Grip the electrode closer to the end
- Allows you to use 20% more of the electrode than with standard tong holders
- Manufactured from copper alloy for maximum conductivity and strength
- Fibreglass insulators are designed to withstand intense heat and impact
- Will not burn, break or carbon char
- Electrode Capacity: 3/32" (2 mm) - 3/16" (5 mm)

| Model No. | Amps | Description |
|-----------|------|--|
| NT629 | 400 | Electrode Holder w/ Neck Ring |
| NT631 | 600 | Electrode Holder w/ Neck Ring |
| NT630 | 400 | Slimline – Bernard® Style Holder |
| NT818 | - | Replacement Head For NT629 & NT630 |
| TTV098 | - | Replacement Head For NT631 |



NT629



NT631



NT630

STANDARD GROUND CLAMPS

- Manufactured from nickel-plated steel with forged brass conductors
- Heavy-duty springs provide positive strength at jaws
- **NT661** is ideal for farm welder and light shop work; current flows directly from lower jaw to welding cable
- **NT662** is ideal for portable gas drive welders; braided zinc coated copper strap carries current to both upper and lower jaws, fully insulated hinge and spring prevents arcing

| Model No. | Amps |
|-----------|------|
| NT661 | 300 |
| NT662 | 500 |

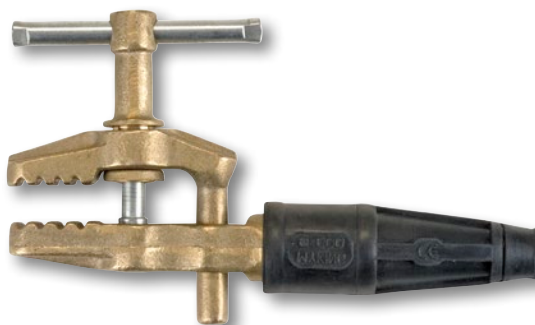


NT661

HEAVY-DUTY "C-STYLE" GROUND CLAMP

- C-type jaws are adjusted by screw lever
- Rubber insulated cable connector

| Model No. | Amps |
|-----------|------|
| NT665 | 600 |



HEAVY-DUTY GROUND CLAMPS

- Manufactured from heavy-duty nickel-plated steel with forged brass conductors and braided copper strap to carry current to upper jaw
- Heavy-duty spring provides positive contact at jaws
- Cable is easy to install with built-in cable connector and oval point screw
- Allen-type wrench included

| Model No. | Amps |
|-----------|------|
| NT668 | 300 |
| NT669 | 500 |



BRASS GAUGES

- Brass casing
- Lexan™ cover lens
- 1/4" NPT inlet
- Dial type: Analogue
- Connection: Bottom Mount



| Model No. | Description |
|-----------|------------------------|
| NT616 | 2" x 100 PSI |
| NT618 | 2" x 30 PSI – Red Line |
| NT619 | 2" x 400 PSI |
| NT620 | 2" x 4000 PSI |

| Model No. | Description |
|-----------|----------------------------|
| NT622 | 2-1/2" x 200 PSI |
| NT623 | 2-1/2" x 30 PSI – Red Line |
| NT624 | 2-1/2" x 400 PSI |
| NT625 | 2-1/2" x 4000 PSI |

TIP-NIP TIP REFACER

- For easy, fast precision tip resurfacing
- Insert tip and give a few turns
- Pitted tip is resurfaced for new performance
- Extends tip life

Model No. NT820



TIP DRILL KIT

- Cleans welding tips and a variety of other fuel orifices and injectors
- Includes 12 drills in sizes 52-74
- Promotes more effective fuel use and increases performance in welding, cutting and heating tips
- Drills store neatly in pipe vise handle

Model No. NT660



SPIRAL TIP CLEANER

- Cleaning data on back of case
- Hardening steel file included in each case
- Standard or extra long King set
- Quality aluminum case



| Model No. | Description |
|-----------|----------------------------|
| NT641 | Standard Set - 12 Cleaners |
| TTV223 | King Set - 13 Cleaners |

FLINT LIGHTERS

- Choice of single or three flint lighters
- Additional flints sold separately

| Model No. | Description |
|-----------|---|
| NT642 | Single Flint Lighter |
| NT663 | Flints, 5 per Holder |
| TTU071 | Three Flint Lighter |
| TTU072 | Flints |
| TTU432 | Single Flint Lighter, With 5 Flint Holder |



NT642



TTU071



NT663



TTU072

CABLE PROTECTOR

- Durable leather with Kevlar® sewn seams
- Lightweight to enhance flexibility and strength
- Metal snaps every 3"
- For TIG, MIG, plasma and flux-cored torch cable/hose assembly
- 4" W x 22' L

Model No. NP520



PYTHONRAP™ CABLE COVER

- Nylon cover
- Full length zipper
- 4" W x 22' L

Model No. NT887



ROD HOLDER

- Double leather bottom and metal swivel clip
- 5-ply Kevlar® stitched with rivet reinforcement
- Holds electrodes up to 15"

Model No. NP519

Rods not Included



MAGNETIC HOLDERS

- Multi-purpose holders for assembly and positioning
- Adheres to any metal object
- Ideal for welding, soldering, assembly, pipe installation

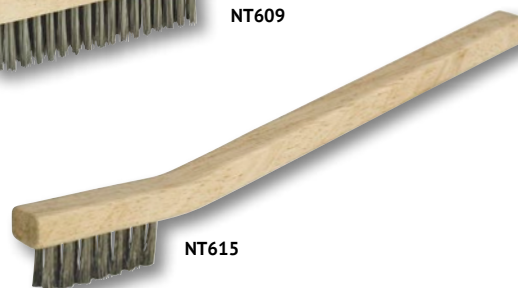


| Model No. | Size | Dimensions L" x W" x H" |
|-----------|---------|----------------------------|
| NT626 | Medium | 5 x 3-1/4 x 1/2 |
| NT627 | Large | 6-1/4 x 4 x 3/4 |
| NT628 | X-Large | 8 x 5 x 1 |

INDUSTRIAL DUTY SCRATCH BRUSHES

- Wood handle
- Choice of carbon or stainless steel bristles

| Model No. | Bristles | Brush Length" | Overall Length" | Trim Length" | Wire Rows |
|------------------------------------|-----------------|---------------|-----------------|--------------|-----------|
| LONG HANDLE BRUSHES | | | | | |
| NT607 | Carbon Steel | 5-3/4 | 13-3/4 | 1 | 3 x 19 |
| NT608 | Carbon Steel | 5-3/4 | 13-3/4 | 1 | 4 x 19 |
| NT611 | Stainless Steel | 5-3/4 | 13-3/4 | 1 | 3 x 19 |
| NT612 | Stainless Steel | 6 | 10-1/4 | 1 | 4 x 19 |
| SHOE HANDLE BRUSHES | | | | | |
| NT609 | Carbon Steel | 5-1/4 | 10-1/2 | 1 | 3 x 16 |
| NT610 | Carbon Steel | 5-1/4 | 10-1/2 | 1 | 4 x 16 |
| NT613 | Stainless Steel | 5 | 10-1/2 | 1 | 3 x 16 |
| NT614 | Stainless Steel | 5 | 10-1/4 | 1 | 4 x 16 |
| "TOOTHBRUSH" CLEANING BRUSH | | | | | |
| NT615 | Stainless Steel | 1-1/2 | 7-3/4 | 1/2 | 3 x 7 |



AIR CARBON ARC GOUGING TORCH

- For gouging, cutting, beveling, piercing and flushing metal
- Economical air carbon arc cutting process
- Can be used on most metals
- Chemical changes are virtually nil, as the process is primarily physical

| Model No. | Amps |
|-----------|------|
| NT667 | 800 |

AIR REQUIREMENTS

Ordinary compressed air as supplied by a shop airline or compressor is suitable. Most applications require 80-100 PSI.

Air

| | |
|----------------------|-------|
| PSI: | 80 |
| kg/cm ² : | 5.6 |
| CFM: | 35 |
| CMM: | 0.076 |

Compressor

| | |
|---------------|------------------|
| Intermittent: | 5 HP (3.73 kW) |
| Continuous: | 7.5 HP (5.60 kW) |



AIR CARBON GOUGING ELECTRODES

- Consistent copper coating DCCC
- Used for gouging out defective welds and cutting non-ferrous metals
- Electrodes are 12" in length
- Sold per package

| Model No. | Dia." | Qty/Pkg |
|-----------|-------|---------|
| NT632 | 5/32 | 100 |
| NT633 | 3/16 | 50 |
| NT634 | 1/4 | 50 |
| NT635 | 5/16 | 50 |
| NT636 | 3/8 | 50 |
| NT637 | 1/2 | 50 |



CHIPPING HAMMER

- Cone and chisel head
- Spring steel handle
- Head length: 6-1/4"
- Overall length: 10-1/2"

Model No. NP532



MIG NOZZLE REAMERS

- Cleans hot MIG nozzle on the torch
- Self adjusting to fit all size nozzles
- Expanding spring steel cleaner

Model No. TTU660



MULTI-PURPOSE MIG PLIERS

- Eight-way pliers
- Nickel plated finish
- Ideally suited for removal of hot spatter from nozzle ends, as well as many other uses



| Model No. | Description |
|-----------|--------------------|
| NP537 | Pliers |
| TYX128 | Premium Pliers |
| NT666 | Holster for Pliers |

CUTTING TIPS

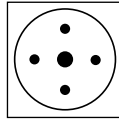


CUTTING TIP CHART

| Material Thickness | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 1-1/2 | 2 | 4 | 5 | 6 | 8 | 10 | 12 |
|---|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| Recommended Tip Number / And Drill Size | 00 / 68 | 0 / 60 | 1 / 56 | 1 / 56 | 2 / 54 | 2 / 54 | 3 / 52 | 3 / 49 | 4 / 44 | 6 / 38 | 6 / 31 | 7 / 28 | 8 |
| Oxygen Pressure Setting lb/in ² g | 20-25 | 25-30 | 30-35 | 30-35 | 35-40 | 40-45 | 40-45 | 40-50 | 45-55 | 45-55 | 45-55 | 45-55 | 45-55 |
| Acetylene Pressure Setting lb/in ² g | 3-5 | 3-5 | 3-5 | 3-5 | 3-7 | 3-7 | 5-10 | 5-10 | 6-12 | 7-13 | 8-14 | 10-15 | 10-15 |
| Cutting in/min | 27-30 | 26-29 | 20-24 | 17-21 | 14-18 | 13-17 | 12-15 | 8-11 | 7-9 | 6-8 | 5-6 | 4-5 | 3-4 |

AIRCO® 144/ALC 802 STYLE CUTTING TIPS

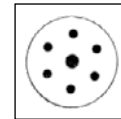
- For general, hand or machine cutting
- Acetylene-oxygen
- Medium preheat
- Fits Airco® 3790, 4690, 4700, 4800, 5700, 5800, 1100, 3000, 9000 and 9500 style torches



| Model No. | Size |
|-----------|------|
| TTU465 | 00 |
| TTU466 | 0 |
| TTU467 | 1 |
| TTU468 | 2 |
| TTU469 | 3 |
| TTU470 | 4 |

AIRCO® 164/ALC 803 STYLE CUTTING TIPS

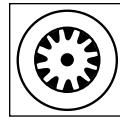
- For general, and cast iron or stainless steel cutting
- Acetylene-oxygen
- Very high preheat
- Fits Airco® 3790, 4690, 4700, 4800, 5700, 5800, 1100, 3000, 9000 and 9500 style torches



| Model No. | Size |
|-----------|------|
| TTU471 | 00 |
| TTU358 | 0 |
| TTU359 | 1 |
| TTU360 | 2 |
| TTU361 | 3 |
| TTU362 | 4 |
| TTU472 | 5 |
| TTU473 | 6 |
| TTU474 | 7 |

AIRCO® 261/ALC 829 STYLE CUTTING TIPS

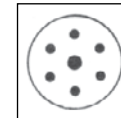
- For general cutting, two-piece tip for hand cutting
- Propane or oxygen-natural gas
- High preheat
- Fits Airco® 2900, 3790, 4690, 4700, 4800, 5700, 5800, 1100, 3000, 9000 and 9500 style torches



| Model No. | Size |
|-----------|------|
| TTU475 | 0 |
| TTU476 | 1 |
| TTU477 | 2 |
| TTU478 | 3 |
| TTU479 | 4 |
| TTU480 | 5 |

PUROX® 4202/ESAB STYLE CUTTING TIPS

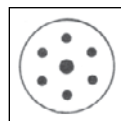
- For general cutting
- Acetylene-oxygen
- Medium preheat
- Fits CW-200, CW-202, CW-300, Type E torches, and C-205 machine torch



| Model No. | Size |
|-----------|------|
| TTU481 | 3 |
| TTU482 | 4 |
| TTU483 | 5 |
| TTU484 | 7 |
| TTU485 | 9 |

SMITH® MC12 STYLE CUTTING TIPS

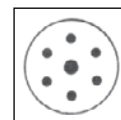
- Hand cutting with oxy-acetylene
- Medium preheat
- Fits Smith® cutting assemblies MC505, MC509, AC305, and AC309



| Model No. | Size |
|-----------|------|
| TTU530 | 1 |

SMITH® SC12 STYLE CUTTING TIPS

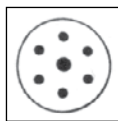
- Hand or machine cutting with oxy-acetylene
- Medium preheat
- Fits Smith® cutting attachments SilverStar & MC40
- Fits Smith® cutting torches Tuf Tony & Silver Star
- Fits Smith® machine torches SC770, SC771, SC780A, SC781A, & SC782A



| Model No. | Size |
|-----------|------|
| TTU531 | 1 |

HARRIS® 6290 STYLE CUTTING TIPS

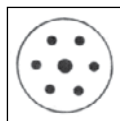
- For general hand cutting
- Acetylene-oxygen
- Medium preheat
- Fits Harris® 42-3, 62-3, 72, 72A, 73, 73A and 85 style torches



| Model No. | Size |
|-----------|------|
| TTU458 | 000 |
| TTU459 | 00 |
| TTU349 | 0 |
| TTU350 | 1 |
| TTU351 | 2 |
| TTU352 | 3 |
| TTU460 | 4 |
| TTU461 | 5 |
| TTU462 | 6 |

VICTOR® 1-101 STYLE CUTTING TIPS

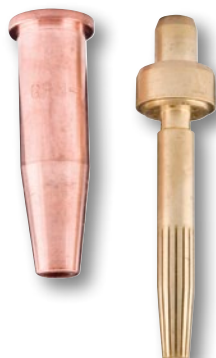
- For general cutting
- Acetylene-oxygen
- Machine preheat for hand and machine cutting
- Fits 2460, CA 1060, ST, SST & 1400C machine torches



| Model No. | Size |
|-----------|------|
| TTU441 | 000 |
| TTU333 | 00 |
| TTU334 | 0 |
| TTU335 | 1 |
| TTU336 | 2 |
| TTU337 | 3 |
| TTU338 | 4 |
| TTU339 | 5 |
| TTU442 | 6 |
| TTU443 | 7 |
| TTU444 | 8 |

VICTOR® GPN STYLE CUTTING TIPS

- For general cutting
- Propane or oxygen-natural gas
- Medium preheat for hand and machine cutting
- Fits 2450, CA 1060, CAN 1060, ST, SST, STN, 1400C machine torches



| Model No. | Size |
|-----------|------|
| TTU452 | 00 |
| TTU344 | 0 |
| TTU345 | 1 |
| TTU346 | 2 |
| TTU347 | 3 |
| TTU348 | 4 |
| TTU453 | 5 |

HARRIS® 6290-NX STYLE CUTTING TIPS

- For general hand cutting
- Propane or oxygen-natural gas
- Medium preheat
- Fits Harris® 42-3, 49AF, 49F, 62-3, 72, 73, 85, and 142 style torches

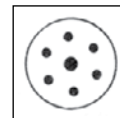


| Model No. | Size |
|-----------|------|
| TTU463 | 000 |
| TTU353 | 0 |
| TTU354 | 1 |
| TTU355 | 2 |
| TTU356 | 3 |
| TTU357 | 4 |
| TTU464 | 5 |

VICTOR® 3-101 STYLE CUTTING TIPS

- For general cutting
- Acetylene-oxygen
- Medium preheat hand cutting
- Fits CA 1260, CA 1350, C 1450, CA 2060, CST 800 & C 1400 torches

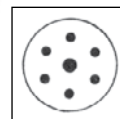
| Model No. | Size |
|-----------|------|
| TTU448 | 000 |
| TTU449 | 00 |
| TTU340 | 0 |
| TTU341 | 1 |
| TTU342 | 2 |
| TTU343 | 3 |
| TTU450 | 4 |
| TTU451 | 5 |



VICTOR® 1-118 STYLE CUTTING TIPS

- For gouging
- Acetylene-oxygen
- Gouging, scarfing and dseaming
- Fits 2460, CA 1060, ST, SST & 1400C torches

| Model No. | Size |
|-----------|------|
| TTU445 | 2 |
| TTU446 | 4 |
| TTU447 | 6 |



VICTOR® 3-GPN STYLE CUTTING TIPS

- For general cutting
- Propane or oxygen-natural gas
- Medium preheat series 3 tip
- Fits CA 1260, CA1350, C 1450, CA 2060, CST 800 & C 1400 torches

| Model No. | Size |
|-----------|------|
| TTU454 | 0 |
| TTU455 | 1 |
| TTU456 | 2 |
| TTU457 | 3 |



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