





## About Us

Midwest Tool began manufacturing metal cutting snips and related edge hand tools in Sturgis, Michigan in 1945. Today, Midwest is a privately held Michigan corporation that operates manufacturing facilities in Sturgis, MI; Kalkaska, MI; and Caledonia, OH.

In the beginning, Midwest Tool operated as a highest quality private label manufacturer of edge hand tools for many leading professional quality brands. Today, the company's national brand has become a leading tradesman brand both domestically and in many regions globally. All models of the company's aviation and tinner snips are manufactured by Midwest Tool in its USA facilities.

As a leading innovator and manufacturer of metal cutting snips and specialty hand tools, Midwest Tool has developed and owns numerous product design and utility patents that enhance Midwest Tool product performance.



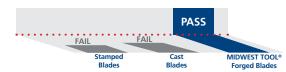
#### SETTING AND MEETING STANDARDS

A tradesman can make more cuts in a day than the home handyman makes in a lifetime – and Midwest Tool® are made for tradesmen. Our Aviation Snips have the center pivot bolt threaded into the bottom blade. This keeps the blades in adjustment longer – over 30,000 cuts can be made in 18 gauge cold-rolled steel (the ASME Performance Standard) before they may need readjustment. Most snips manufacturers don't bother with either standards or adjustment – but we do. Because, at Midwest Tool® we care about quality tools.

#### TIP END CUTTING TEST

Aviation snips must cut at the tips of their blades when used to fabricate or trim sheet metal to size (as illustrated in the picture below). Cutting completely through 18-gauge cold-rolled steel to a bend or fold line is an ASME Standard minimum requirement.

Aviation snip brands tested with cast or stamped blades will not cut through their points and will not cut to the specified material bend line. Cast and Stamped Blade aviation snip models tested FAIL this ASME Standard Performance Test Requirement.



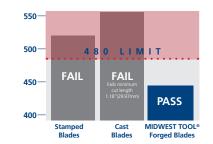
#### FORGED LIKE EXCALIBUR

Blacksmiths have known it since the Middle Ages – when you forge metal to "flow" its grain in a desired direction or shape, you get a stronger blade with a longer lasting cutting edge. A Midwest Tool® aviation snip uses the same principle. In a unique, hot drop-forging process, the flow of the metal grain is directed to the shape of each blade, which is forged from molybdenum alloy steel. The result is cutting blades that are virtually unbreakable. Other brands of snips may have"stamped" blades, made from sheet steel, or cast blades made in a mold from molten steel. In either instance, the metal does not have its grain flow matched to shape, and so it doesn't have the strength or long lasting cutting edge of a Midwest Tool® blade.

#### LOAD CUT TEST

Measures how many pounds of handle force is required to make a "pinch-thru-point" cut through 18 gauge cold-rolled sheet steel.

Cast or Stamped Blade offset model aviation snips require over 20% more hand force and FAIL the ASME Standard Performance Requirement.



#### INDEPENDENT LAB CERTIFIED TEST RESULTS



#### THIS SPRING'S ETERNAL

In tests of return springs, the springs of Midwest Tool® aviation snips on average exceed 120,000 compressions without failure. No wonder – they're a heavy-duty double-overwind spring that's unconditionally guaranteed forever.

#### SPRING COMPRESSIONS TEST

This test measures how many compressions (cuts) the return spring can make before failing (which ours never do).





SEAMERS ,

**KNIFTI S** 

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## The Right Tools Since 1945

Midwest Tool has been manufacturing tradesmen quality hand tools, Made in the USA, since 1945.

No matter what Midwest tool is in your belt, you can count on Midwest to provide the Fastest, Easiest, and Safest tools available.



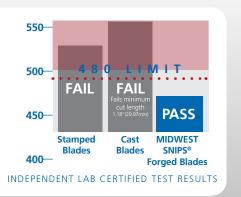
## THE WORLD'S BEST AVIATION SNIPS

If you care about the quality of the tools you use or sell, you'll appreciate a company that cares about the quality of the tools it makes. At Midwest Tool, we take pride in manufacturing in the USA the very best aviation snips you can buy anywhere in the world today. You'll find that our aviation snips perform better and last longer than any others.



LOAD CUT TEST Measures how many pounds of handle force is required to make a "pinch-thru-point" cut through 18 gauge cold-rolled sheet steel.

Cast or Stamped Blade offset model aviation snips require over 20% more hand force and FAIL the ASME Standard Performance Requirement.



## WHY MIDWEST?

### • Strongest Blades

Hot drop-forged process uses the grain structure of steel to produce maximum strength

### • Longest Lasting Cutting Edge

The hot drop-forged blades of molybdenum alloy steel are austemper heat-treated for a long lasting cutting edge

### Stays in Adjustment

Blade pivot bolt is threaded into the bottom blade keeping blades in adjustment for ease of operation

### • Optimum Serrations

Blades have 40 serrations per inch to grip material without scarring

## Highest Quality Components Grade 8 blade pivot bolt and heavy-duty double overwind spring are unconditionally guaranteed!

- Compound Leverage Multiplies handle force by 8:1
- Strongest Handles

High Tensile strength steel will not bend from hand pressure and provides efficient conversion of hand force to cutting power

• Comfortable Grips

Kush'N-Power grips confroms with the motion of the user's hands. The indented ribs prevent hand and finger slippage

### **SNIPS & TINNERS**



## OFFSET MODELS

## The Sheetmetal Tradesman's Choice



## GLIDE-TECH TOUGH

GLIDETECH® manufacturing process produces unequalled strength, longest lasting edge life, and the most precise cutting action.

Blades are hot drop-forged of molybdenum alloy steel for exceptional strength and durability

## KUSH'N-POWER

KUSH'N-POWER® compound leverage handle action with patented handle grip design multiplies handle force to cutting blades requiring the least amount of hand force while providing a soft, sturdy and comfortable grip.

## RUGGED

Using the highest quality components, Midwest Snips use a heavy duty doubleoverwind spring that is unconditionally guaranteed.

Grade 8 bolt that is threaded and affixed into the bottom blade keeping blades in precision adjustment.

# KUSH'N-POWER PATENT D718,6028 GRIPS

#### Full Sheets - Tight Curves - Trim Cuts

#### Left Offset Aviation Snip MWT-6510L

Use in Right Hand
Cuts straight and tight left curves
Length of Cut : 1.25"(31.8mm)
Nominal Length : 9.75" (247.7mm) UPC: 7 27226 13031 0



#### Right Offset Aviation Snip MWT-6510R

- Use in Left Hand
- Cuts straight and tight right curves
   Length of Cut : 1.25"(31.8mm)
   Nominal Length : 9.75"(247.7mm)



UPC: 7 27226 13032 7

#### Straight Offset Aviation Snip MWT-6510S

- Use in either Hand
- Cuts Straight &
- Wide left/right curves • Length of Cut : 1.5"(38.1mm)
- Nominal Length : 9.75" (247.7mm)
- UPC: 7 27226 13065 5





## FORGED BLADE OFFSET MODELS

Offset Models are versatile and easiest to use when cutting full sheets of material and tight curves. They cut a wide range of sheet materials including sheet metal, vinyl, plastic, rubber, screening, canvas, cloth, cardboard, etc.



Shelf Pk Qty. 6 Master Carton Qty. 36



The offset models keep your hands safely above sharp edges.



#### Full Sheets - Wide Curves - Trim Cuts



#### Shelf Pk Qty. 1 Master Carton Qty. 9

#### Left & Right Offset Aviation Snips MWT-6510C

Includes Left & Right offset models.
Cuts straight and tight left / right curves
Length of Cut : 1.25"(31.8mm)
Nominal Length : 9.75"(247.7mm)
UPC: 7 27226 13033 4





#### Shelf Pk Qty. 00 Master Carton Qty. 00

#### Left, Right & Straight Offset Aviation Snips MW-P6510RLS

Includes Left, Right, & Straight offset models.
Cuts left, right & straight and tight left/right

- curves • Length of Cut : 1.25"(31.8mm)
- Nominal Length : 9.75"(247.7mm)

UPC: 7 27226 56050 6





ASME, founded as the American Society of Mechanical Engineers in 1880, is a global non-profit organization.

- One of the primary functions of ASME is to set engineering standards for manufactured goods.
- ASME produces approximately 600 standards over a wide spectrum of industries.
- Midwest Tool<sup>®</sup> meets and exceeds every applicable ASME standard.
- Look for the **ASME** symbol next to our tools to know that the tool has met a standard and you are buying the very best.

If there is not a symbol next to the tool, there is not an ASME standard for that tool...but rest assured that Midwest manufactures all of our tools to our same high standards.





## STANDARD MODELS

## You'll feel the difference!

Midwest Snips® forged blade regular model aviation snips are the world's best! We offer four different blade pattern models and two blade hardness options in this product category. These models perform superior to ASME Standard B107.500.2010(B107.16) Performance Requirements.



## GLIDE-TECH TOUGH

GLIDETECH® manufacturing process produces unequalled strength, longest lasting edge life, and the most precise cutting action.

Blades are hot drop-forged of molybdenum alloy steel for exceptional strength and durability

## KUSH'N-POWER COMFORT

KUSH'N-POWER® compound leverage handle action with patented handle grip design multiplies handle force to cutting blades requiring the least amount of hand force while providing a soft, sturdy and comfortable grip.

## **RUGGED** RELIABILITY

Using the highest quality components, Midwest Snips use a heavy duty doubleoverwind spring that is unconditionally guaranteed.

Grade 8 bolt is threaded and affixed into the bottom blade keeping blades in precision adjustment.

#### **Trim Cuts - Curves**



#### Right Aviation Snip MWT-6716R

- Use in Left Hand
- Cuts straight and right curves
- Serrated blades
- Length of Cut : 1.25"(31.8mm) • Nominal Length : 10.0"(254.0mm) UPC: 7 27226 13067 9



#### Straight Aviation Snip MWT-6716S

- Use in Either Hand
- Cuts straight and wide curves to the Left and Right.
- Serrated blades

Length of Cut : 1.375"(34.9mm)
 Nominal Length : 10.0"(254.0mm)
 UPC: 7 27226 13068 6



### FORGED BLADE STANDARD MODELS

Standard Models are good for making short trim cuts and curve cuts on the outer edges of material. Standard Models are versatile and can be used to cut a wide range of sheet materials including metal, vinyl, plastic, rubber, screening, canvas, cloth, etc.





#### RUGGED RELIABILITY

Grade 8 bolt is threaded and affixed into the bottom blade keeping blades in precision adjustment.



Extremely Hard Materials - Stainless Steel, Inconel, Titanium

### SPECIAL HARDNESS FORGED BLADE MODELS

Special Hardness Models are recommended for cutting extremely hard sheet materials such as stainless steel, inconel, titanium, etc.

#### Shelf Pk Qty. 6 Master Carton Qty. 36

- **Special Hardness** Left Offset **Aviation Snip** MWT-SS6510L
- Use in Left Hand
- Use to cut hardened metals
- Cuts straight and right curves
- Length of Cut : 1.25"(31.8mm) • Nominal Length : 9.75"(247.7mm) UPC: 7 27226 13077 8



**Special Hardness Right Offset Aviation Snip** MWT-SS6510R

- Use in Right Hand
- Use to cut hardened metals
- Cuts straight and left curves
- Length of Cut : 1.25"(31.8mm) • Nominal Length : 9.75"(247.7mm) UPC: 7 27226 13078 5



#### Shelf Pk Otv. 6 Master Carton Otv. 36

#### **Special Hardness** Left Aviation Snip MWT-SS6716L

- Use in Right Hand
- Serrated Blades

22ga.

- Cuts Straight and Wide Left Curves.
- Cuts Hardened Metals • Length of Cut : 1.25"(31.8 mm)
- Nominal Length : 10.0"(254.0mm) UPC: 7 27226 13079 2



- Left Aviation Snip **MWT-SS6716R**
- Use in Left Hand
- Serrated Blades
- Cuts Straight and Wide Right Curves.
- Cuts Hardened Metals
- Length of Cut : 1.25"(31.8 mm)
- Nominal Length : 10.0"(254.0mm) UPC: 7 27226 13080 8



## **40% LESS FORCE**

**Thick Materials - Trim Cuts** 

The Bulldog Aviation Snip requires 40% less hand force to cut 18 gauge cold rolled steel when compared to other standard models.



Shelf Pk Otv. 6 Master Carton Otv. 36

#### **Bulldog Aviation Snip** MWT-6716B

- Use in Either Hand
- Cuts Straight.
- Serrated Blades.
- Thick Materials/ Lavered / Seams
- Length of Cut : .875"(22.0 mm) • Nominal Length : 9.0"(228.6mm)
- UPC: 7 27226 13036 5







## UPRIGHT **SNIPS**<sup>®</sup> **Ergonomic 90-degree** handle-to-blades design

Midwest Tool forged blade UPRIGHT® aviation snips are the world's best! We offer two models in this product category – a left and a right. These models were developed and design patented by Midwest Tool in response to NIOSH (National Institution of Occupational Safety and Health) research conducted by a major university ergonomics department and test data collected from representatives of the sheetmetal workers trade. UPRIGHT® aviation snips offer ergonomic advantages and are ideal for use in confined spaces, and overhead use.



## **GLIDE-TECH** TOUGH

GLIDETECH® manufacturing process produces unequalled strength, longest lasting edge life, and the most precise cutting action. Blades are hot drop-forged of molybdenum alloy steel for exceptional strength and durability

**UPRIGHT** COMFORT Requires Less Hand Force.

Ideal for use in confined spaces and overhead use.

## RUGGED RELIABILITY

Blade pivot bolt is affixed in bottom blade and secured with special locknut to hold blades in adjustment.



#### **Tight Spaces**

#### Shelf Pk Qty. 6 Master Carton Qty. 36

#### **UPRIGHT® Left Aviation Snip MWT-6900L**

- Use in Right Hand
- Cuts straight and tight left curves.
- Ideal for working in confined areas.
- Length of Cut : 1.25"(31.8mm)
- Nominal Length : 8.0"(203.2mm)
- UPC: 7 27226 13070 9





#### **UPRIGHT® Right Aviation Snip MWT-6900R**

- Use in Left Hand
- Cuts straight and tight right curves.
- Ideal for working in confined areas.
- Length of Cut : 1.25"(31.8mm)
- Nominal Length : 8.0"(203.2mm)
- UPC: 7 27226 13071 6









The Midwest Upright Design was so revolutionary, our competitors could not wait to copy them as fast as possible.

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## INDUSTRIAL SHEAR

## For precision fabrication

## NOPEUS MWT-NS1 Industrial Profile Shear

The Nopeus Industrial Profile Shear quickly & easily cuts profile, flat, spiral duct, wire mesh and other materials. It cuts up to 1,680 inches per hour. The scissor action blades can cut straight and tight left curves. The blades are manufactured out of high quality heat treated steel and precisely ground and aligned for maximum cutting speed. The variable speed action gives the user complete cutting control and accuracy.

#### INDUSTRIAL TOUGH Capacity to cut up to 18 gauge cold rolled stee

18 gauge cold rolled steel. Cuts sheet & profile material quickly.

HIGH POWERED COMFORT Veriable speed power unit

gives you control & comfort.

#### RUGGED RELIABILITY Constructed with high quality

steel.

Precisely ground & aligned blades



## NOPEUS MWT-NS1 Industrial Profile Shear



#### Nopeus Profile Shear MWT-NS1

The Nopeus Industrial Profile Shear quickly and easily cuts profile material, spiral duct, wire mesh, and other material cleanly without a second pass. The scissor action blades cut straight and tight left curves. Cutting capacity up to 18 gauge cold rolled steel. The blades are manufactured out of heat-treated steel and precisely ground and aligned for maximum cutting speed. The Nopeus Industrial Profile Shear has a variable speed power unit allowing it to cut up to 1,680 in. per hour UPC: 7 27226 13138 6



HIGH POWER Do you want to make A LOT of long cuts? This is the tool for you!



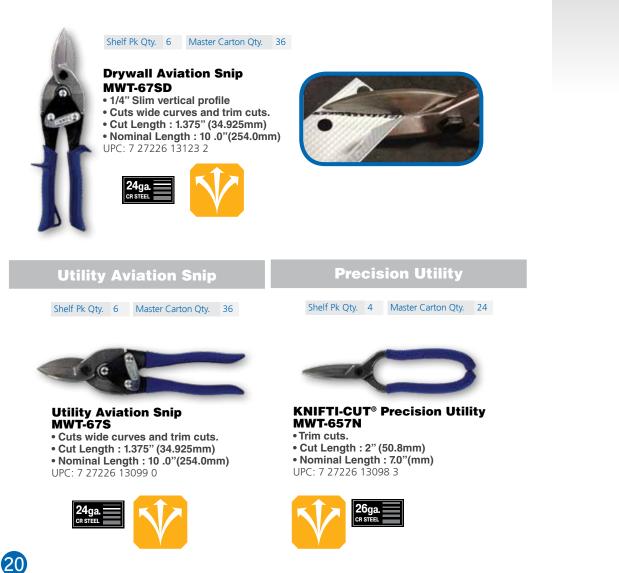
**SNIPS & TINNERS** 

MILLAR STITE



## **SPECIALTY SNIPS**

#### Drywall Corner Bead



## KUSH'N-KOTE° TINNER SNIPS



Midwest Tinner Others with wave fitted with special washer locknut



## **ALL PURPOSE** MODELS

## **Traditional Blade Patterns**

All-Purpose Models of Midwest Tool Kush'n-Kote® forged blade tinner snips are the world's best! We offer two different blade patterns and four different model sizes in this product category. All perform superior to respective model ASME performance requirements.



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## GLIDE-TECH®

GLIDETECH<sup>®</sup> manufacturing process produces unequalled strength, longest lasting edge life, and the most precise cutting action. Blades are hot drop-forged of molybdenum alloy steel for exceptional strength and durability and Austemper heat treated to best accept and hold their precision around cutting edge. Glide-Tech<sup>®</sup> Forged Blades cut complete from "pinch of the blades through their point".

### **KUSH'N-KOTE®** COMFORT

KUSH'N-KOTE<sup>®</sup> soft textured plastisol, which provide a comfortable secure grip.

## RUGGED RELIABILITY

Grade8 bolt that is threaded and affixed into the bottom blade keeping blades in precision adjustment.

Special design locknut allows blades to be re-adjusted if necessary after extensive use



### STRAIGHT BLADE **PATTERN MODELS**

• Cuts straight and tight curves. · Hot drop-forged of high carbon steel.

## **Straight & Wide Curves Straight & Tight Curves** Shelf Pk Qty. 6 Master Carton Qty. 36 8-Inch Straight Tinner Snip **MWT-87S** UPC: 7 27226 13059 4 **10-Inch Straight Tinner Snip MWT-107S** UPC: 7 27226 13061 7



### "DUCKBILL" (CIRCULAR) **BLADE PATTERN MODELS**

· Cuts straight and tight curves. • Hot drop-forged of high carbon steel.



 Nominal Length : 12.0" (0mm) UPC: 7 27226 13062 4



## HEAVY-DUTY MODELS

## **Molybdenum Alloy Blades**

Heavy-Duty Models of Midwest Tool's Kush'n-Kote® forged blade tinner snips are the world's best! We offer two blade patterns and three models in this product category. These models cut heavier gauges of sheet metal than any other tinner type snips. All are made in the USA and perform superior to respective model ASME performance requirements.



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## MIDWEST TOUGH

Precision cuts completely thru blade tip end, which reduces cutting strokes and enables complete and accurate cuts of heavy gauge materials.

## KUSH'N KOTE® COMFORT

KUSH'N-KOTE<sup>®</sup> soft textured plastisol, which provide a comfortable secure grip

## RUGGED RELIABILITY

Blade pivot bolt is affixed in bottom blade and secured with special locknut to hold blades in adjustment. Can be re-adjusted after extensive use if necessary.



# Hot drop-forged Combination blade pattern Cuts straight and wide curves Use in either hand

Shelf Pk Qty. 1 Master Carton Qty. 16



14-Inch Combination Blade Pattern Tinner Snip MWT-147C • Cut Length : 3.875" (98.425 mm)

• Cut Length : 3.875" (98.425 mm UPC: 7 27226 13100 3



### LATH SNIP MODEL

Hot drop-forged
Cuts straight and wide curves
Designed for cutting lath materials
Bent handles for increased leverage

Shelf Pk Qty. 1 Master Carton Qty. 16



#### 14-Inch Lath Tinner Snip MW-P147CBT

• Cut Length : 3.875" (98.425 mm) • Nominal Length : 14.0" (355.6 mm) UPC: 7 27226 21477 5



### BULLDOG BLADE PATTERN MODEL

• Hot drop-forged • Cuts straight and wide curves • Use in either hand



Shelf Pk Qty. 1 Master Carton Qty. 14

16-Inch Bulldog Blade Pattern Tinner Snip MWT-167B • Cut Length: 2.5" (63.5 mm) UPC: 7 27226 13064 8





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## **MAGSNIPS**<sup>®</sup> Versatility

Use in a wide range of sheet materials including vinyl or metal siding, metal flashing, asphalt shingles, landscape materials, canvas, etc. Replaceable blades are economical and easy to replace. Light weight magnesium handles reduce fatigue. Offset blade pattern models are tradesman preferred because they flow material away from the blades making long cuts easier.



## MAGSNIPS® TOUGH

Use in a wide range of sheet materials including vinyl or metal siding, metal flashing, asphalt shingles, landscape materials, canvas, etc.

## MAGNESIUM COMFORT

Light weight magnesium handles reduce fatigue.

## REPLACEABLE An economical and easy way to extend tool life.

**OPTIMIZED POWER RANGE** 

#### **Straight & Wide Curves**

## STRAIGHT MODELS

• Cuts straight and wide curves. • Use in either hand. • 3-1/2"(89mm) length of cut and replaceable blades.

#### Shelf Pk Otv. 3 Master Carton Otv. 18







### **Straight & Tight Curves**

### **OFFSET MODELS**

· Cuts straight and tight curves Both models ship with vinyl siding blades. • 2-3/4"(70mm) length of cut and replaceable blades.

#### Shelf Pk Qty. 3 Master Carton Qty. 18

#### **Offset Left Replaceable** Blade Snip -MWT-2210

- Cuts to the Left • Use in the right hand
- Vinyl siding blades
- Cut Length : 2.75" (70mm) UPC: 7 27226 13045 7



#### **Offset Right Replaceable** Blade Snip -MWT-2110

• Cuts to the Right • Use in the left hand Vinyl siding blades • Cut Length : 2.75" (70mm) UPC: 7 27226 13044 0



#### **Replaceable Blade Kits**

All purpose blades are optimized for cutting sheet metal. Vinyl siding blades are optimized for cutting vinyl siding.

#### Shelf Pk Qty. 2 Master Carton Qty. 12



All Purpose MWT-1200R UPC: 7 27226 13043 3 MWT-2210R UPC: 7 27226 13046 4 MWT-2110R UPC: 7 27226 13104 1

Vinyl Siding

MWT-1200RV UPC: 7 27226 13124 9 MWT-2210RV UPC: 7 27226 13126 3 MWT-2110RV UPC: 7 27226 13125 6



## **POWER CUTTERS®**

A better way to cut thin & irregular materials

Midwest Tool forged blade Power Cutter® long-cut aviation snips are the world's best!

We offer 3 different models in this product category. All feature an extended length of cut and a wide blade opening. The extended cut length allows the user to cut thin materials faster with fewer re-bites.

Our forged blade Power Cutter<sup>®</sup> models are of tradesman quality and perform far superior to other manufacturers' stamped blade models.



## FORGED TOUGH

Our forged blade Power Cutter<sup>®</sup> models are of tradesman quality and perform far superior to other manufacturers' stamped blade models.

## KUSH'N-POWER®

Extra Long Cut "Pinch-Thru-Point" Reduces cutting strokes and re-bites.

Ergonomic Handle Width Opening Reduces muscles stress.

### **RUGGED** RELIABILITY

Grade 8 bolt that is threaded and affixed into the bottom blade keeping blades in precision adjustment.



#### Thin, Soft & Irregular Materials

### FORGED BLADE POWER CUTTER® MODELS

#### Shelf Pk Qty. 6 Master Carton Qty. 36

#### Power Cutter® Long-Cut Aviation Snip MWT-6716A

Optimum 40 serrations per inch to both blades for secure grip of thin gauge metal and other sheet materials.

- Cuts Straight
  Use in either hand
- Cut Length : 3.0" (76.2mm)
- Nominal Length : 12.0" (304.8 mm)
- UPC: 7 27226 13035 8





#### Power Cutter® Deep Serration Long-Cut Aviation Snip MWT-6716AS

Wide blade opening with six deep serrations per inch to bottom blade for secure grip of soft materials such as rubber, plastic hose, etc. Not recommended for sheet metal.

- Cuts Straight
- Use in either hand
- Cut Length : 3.0" (76.2mm)
  Nominal Length : 12.0" (304.8 mm)
- UPC: 7 27226 13048 8

#### Shelf Pk Qty. 3 Master Carton Qty. 18

#### Power Cutter® Offset Long-Cut Aviation Snip MWT-6516

Wide blade opening and optimum 40 serrations per inch to bottom blade for secure grip of irregular surface materials such as ribbed metal roofing and siding, vinyl siding nail lip, etc. • Cuts Straight

- Use in either hand
- Cut Length : 2.375" (60.325 mm)
- Nominal Length : 11.0" (279.4 mm)

UPC: 7 27226 13034 1











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|  | Model<br>Number         | UPC<br>Code<br>7-27226 | Shelf<br>Pack<br>Qty. | Master<br>Carton<br>Qty. | Blade<br>Pattern         | Nominal<br>Length | Length of Cut    | CUTTING C<br>Cold-Roll | APACITY<br>Stainless |
|--|-------------------------|------------------------|-----------------------|--------------------------|--------------------------|-------------------|------------------|------------------------|----------------------|
|  | MWT-6510S               | 13065-5                | 6                     | 36                       | straight                 | 9.75" (247.7mm)   | 1.5" (38.1mm)    | 18 gauge               | 22 gauge             |
| Offset Model                                 | MWT-6510L               | 13031-0                | 6                     | 36                       | left                     | 9.75" (247.7mm)   | 1.25" (31.8mm)   | 18 gauge               | 22 gauge             |
| Aviation Snips                               | MWT-6510R               | 13031-7                | 6                     | 36                       | right                    | 9.75" (247.7mm)   | 1.25" (31.8mm)   | 18 gauge               | 22 gauge             |
|  | MWT-6510C               | 13033-4                | 3                     | 18                       | left                     | 9.75" (247.7mm)   | 1.25" (31.8mm)   |                        | 22 gauge             |
|  | MW-6510RLS              | 56050-6                | 1                     | 10                       | R,L,S                    | 9.75" (247.7mm)   | 1.25" (31.8mm)   |                        | 22 gauge             |
|  | MWT-SS6510L             | 13077-8                | 6                     | 36                       | right                    | 9.75" (247.7mm)   | 1.25" (31.8mm)   |                        | 22 gauge             |
|  | MWT-SS6510R             | 13087-5                | 6                     | 36                       | left                     | 9.75" (247.7mm)   | 1.25" (31.8mm)   |                        |                      |
|  |                         |                        |                       |                          |                          |                   |                  |                        |                      |
| •••••  | • • • • • • • • • • • • | •••••                  | • • • • •             | •••••                    | ••••                     | •••••             |                  | • • • • • • • • •      | •••••                |
|  | MWT-6716S               | 13068-6                | 6                     | 36                       | straight                 | 10.0" (254.0mm)   | 1.375" (34.9mm)  | 18 gauge               | 22 gauge             |
|  | MWT-6716L               | 13066-2                | 6                     | 36                       | left                     | 10.0" (254.0mm)   | 1.25" (31.8mm)   | 18 gauge               | 22 gauge             |
| Regular Model                                | MWT-6716R               | 13067-9                | 6                     | 36                       | right                    | 10.0" (254.0mm)   | 1.25" (31.8mm)   | 18 gauge               | 22 gauge             |
| Aviation Snips                               | MWT-6716B               | 13036-5                | 6                     | 36                       | bulldog                  | 9.0" (228.6mm)    | .875" (22mm)     | 16 gauge               | 18 gauge             |
|  | MWT-SS6716L             | 13079-2                | 6                     | 36                       | left                     | 10.0" (254.0mm)   | 1.25" (31.8mm)   |                        | 22 gauge             |
|  | MWT-SS6716R             | 13080-8                | 6                     | 36                       | right                    | 10.0" (254.0mm)   | 1.25" (31.8mm)   |                        | 22 gauge             |
| •••••  |                         | •••••                  | ••••                  | •••••                    | ••••                     | •••••             |                  | •••••                  | •••••                |
| Upright <sup>®</sup> Model<br>Aviation Snips | MWT-6900L               | 69001-2                | 6                     | 36                       | left                     | 8.0" (203.2mm)    | 1.25" (31.8mm)   | 24 gauge               | 28 gauge             |
| Aviation Ships                               | MWT-6900R               | 69002-9                | 6                     | 36                       | right                    | 8.0" (203.2mm)    | 1.25" (31.8mm)   | 24 gauge               | 28 gauge             |
|  | MWT-67S                 | 13099-0                | 6                     | 36                       | left                     | 10.0" (254.0mm)   | 1.375" (34.9mm)  | 24 gauge               | 28 gauge             |
| Specialty Snips                              | MWT-67SD                | 13123-2                | 6                     | 36                       | right                    | 9.75" (247.7mm)   | 1.25" (31.8mm)   | 18 gauge               | 22 gauge             |
| Specially Ships                              | MWT-657N                | 13098-3                | 3                     | 36                       | left                     | 9.75" (247.7mm)   | 1.25" (31.8mm)   |                        | 22 gauge             |
|  | MWT-127SV               | 13047-1                | 3                     | 36                       | Straight                 | 9.75" (247.7mm)   | 1.25" (31.8mm)   |                        | 22 gauge             |
| •••••  | • • • • • • • • • • •   | •••••                  | ••••                  | • • • • • •              |                          | •••••             |                  | • • • • • • • •        | • • • • • • • • • •  |
|  | MWT-6716A               | 13035-8                | 6                     | 36                       | long<br>deep             | 12.0" (304.8mm)   | 3.0" (76.2mm)    | 20 gauge               | 24 gauge             |
| Powercutters                                 | MWT-6716AS              | 13048-8                | 6                     | 36                       | deep<br>serrated<br>long | 11.0" (279.4mm)   | 3.0" (76.2mm)    | Soft Materials         | Soft Materials       |
|  | MWT-6516                | 13034-1                | 6                     | 36                       | offset long              | 10.5" (266.7mm)   | 2.375" (60.5mm)  | 20 gauge               | 24 gauge             |
| •••••  | MWT-87D                 | 13032-7                | 6                     | 36                       | straight                 | 8.0" (203.2mm)    | 1.75" (44.45mm)  | 20 gauge               | 28 gauge             |
| Straight                                     | MWT-107S                | 13061-7                | 6                     | 36                       | straight                 | 10.0" (254.0mm)   | 2.5" (63.5mm)    | 22 gauge               | 26 gauge             |
| Tinner Models                                | MWT-127S                | 13063-1                | 6                     | 36                       | straight                 | 12.0" (301.8mm)   | 3.0" (76.2mm)    | 20 gauge               | 24 gauge             |
| •••••  |                         |                        |                       |                          | ••••••                   | •••••             |                  | •••••••                | ••••••               |
|  | MWT-77D                 | 13078-5                | 6                     | 36                       | right                    | 7.0" (203.2mm)    | 1.75" (44.45mm)  | 26 gauge               | 28 gauge             |
| Straight<br>Tinner Models                    | MWT-107D                | 13060-0                | 6                     | 36                       | left                     | 10.0" (254.0mm)   | 2.5" (63.5mm)    | 24 gauge               | 26 gauge             |
| Timer models                                 | MWT-127D                | 13063-1                | 6                     | 36                       | straight                 | 12.0" (301.8mm)   | 3.0" (76.2mm)    | 22 gauge               | 24 gauge             |
| Combo Diodo Madal                            |                         | ••••                   | ••••                  |                          |                          | •••••             |                  | • • • • • • • •        | •••••                |
| Combo Blade Model                            | MWT-147C                | 13100-3                | 1                     | 16                       | straight                 | 14.0" (355.6mm)   | 3.875" (98.43mm) | 18 gauge               | 28 gauge             |
| Lath Snip                                    | MW-P147CBT              | 21477-5                | 1                     | 16                       | straight                 | 14.0" (355.6mm)   | 3.875" (98.43mm) | 18 gauge               | 22 gauge             |
| Nopeus<br>Shear                              | MW-NS1                  | 13138-6                | 1                     | n/a                      |                          |                   |                  |                        |                      |

|                | Model Number | UPC<br>Code<br>7-27226 | Shelf<br>Pack<br>Qty. | Master<br>Carton<br>Qty. | Blade<br>Pattern | Nominal<br>Length | Length of Cut  | CUTTING C<br>Cold-Roll | APACITY<br>Stainless |
|----------------|--------------|------------------------|-----------------------|--------------------------|------------------|-------------------|----------------|------------------------|----------------------|
| Bulldog Tinner | MWT-167B     | 1-0                    | 1                     | 16                       | straight         | 16.0" (406.4mm)   | 1.5" (38.1mm)  | 18 gauge               | 22 gauge             |
| •••••          | MWT-1200SV   | 13127-0                | 3                     | 18                       | left             | 13.0" (330.2mm)   | 1.25" (31.8mm) | 18 gauge               | 22 gauge             |
| MagSnip Models | MWT-1200     | 13042-6                | 3                     | 18                       | right            | 13.0" (330.2mm)   | 1.25" (31.8mm) | 18 gauge               | 22 gauge             |
| Magorip Models | MWT-2210     | 13045-7                | 3                     | 18                       | left             | 13.0" (330.2mm)   | 1.25" (31.8mm) |                        | 22 gauge             |
|                | MWT-2110     | 13044-0                | 3                     | 18                       | right            | 13.0" (330.2mm)   | 1.25" (31.8mm) |                        | 22 gauge             |
| •••••          | MWT-1200R    | 13043-3                | 2                     | 12                       | straight         | 10.0" (254.0mm)   | 3.5" (88.9mm)  | 18 gauge               | 22 gauge             |
|                | MWT-2210R    | 13046-4                | 2                     | 12                       | left             | 10.0" (254.0mm)   | 2.75" (69.9mm) | 18 gauge               | 22 gauge             |
| MagSnip        | MWT-2110R    | 13104-1                | 2                     | 12                       | right            | 10.0" (254.0mm)   | 2.75" (69.9mm) | 18 gauge               | 22 gauge             |
| Blade Kits     | MWT-1200RV   | 13124-9                | 2                     | 12                       | straight         | 9.0" (228.6mm)    | 3.5" (88.9mm)  | 16 gauge               | 18 gauge             |
|                | MWT-2210RV   | 13126-3                | 2                     | 12                       | left             | 10.0" (254.0mm)   | 2.75" (69.9mm) | 18 gauge               | 22 gauge             |
|                | MWT-2110RV   | 13125-6                | 2                     | 12                       | right            | 9.0" (228.6mm)    | 2.75" (69.9mm) | 16 gauge               | 18 gauge             |

#### **SEAMERS & FOLDING TOOLS**

Tools for Fabrication, Installation, Maintenance & Repair SEAMERS & FOLDING TOOLS

MIDMEST

#### **SEAMERS & FOLDING TOOLS**



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## INTERCHANGEABLE FORGED BLADE SEAMERS **Compound Leverage** Handle Action

Midwest Tool® interchangeable blade seamers are tradesman quality. These interchangeable blade kits offer both distributors and end-users an economical alternative to carrying multiple seamer models.



### INTERCHANGEABLE BLADES

• Quick Change - Over

#### CHOOSE FROM **TWO BLADE SIZES** • Forged Blades : 3" & 6"

#### **HEAVY-DUTY COMPONETS**

- Forged Bracket Supports Blades
- Compound Leverage Action Handles
- Kush'N-Power® Grips



#### **Bending & Folding Tools**

### INTERCHANGEABLE BLADE SEAMERS







**Offset Seamer** 

| UPC: 7 27226 13072 3  | Master Carton | Qty. | 12 |  |
|---|---------------|------|----|--|
| 3"(76.2mm) x 1-1/4"(31.8mm) blades with 1-7/16"(36.5mm) throat depth. | Shelf Pk Qty. | 2    |    |  |
| 3-Inch Straight Seamer - MW I-S1                                      |               |      |    |  |

#### 6-Inch Straight Seamer - MWT-S6 6"(152.4mm) x 1-1/4"(31.8mm) blades with 1-7/16"(36.5mm) throat depth. UPC: 7 27226 13075 4

3"(76.2mm) x 1-1/4"(31.8mm) blades with 1-7/16"(36.5mm) throat depth.

Shelf Pk Qty. 2 Master Carton Qty. 10

#### 3-Inch & 6-Inch Straight Seamer Set - MWT-S36 Includes 3-inch seamer and 6-inch interchangeable blades. UPC: 7 27226 13074 7

Shelf Pk Qty. 2

Master Carton Qty. 8

Shelf Pk Qty. 2 Master Carton Qty. 12

6-Inch Offset Seamer - MWT-SO6 Shelf Pk Qty. 2 6"(152.4mm) x 1-1/4"(31.8mm) blades with 1-7/16"(36.5mm) throat depth. UPC: 7 27226 13105 8 Master Carton Qty. 10

#### 3-Inch & 6-Inch Offset Seamer - MW-SO36 6"(152.4mm) x 1-1/4"(31.8mm) blades with 1-7/16"(36.5mm) throat depth. UPC: 7 27226 56057 5

Shelf Pk Qty. 2 Master Carton Qty. 10

## FORGED BLADE SEAMER KITS



3-Inch Offset Seamer - MWT-S2

UPC: 7 27226 13073 0

Shelf Pk Qty. 2 Master Carton Qty. 12

3-Inch Seamer Blade Kit - MW-S1BK UPC: 7 27226 13113 3

6-Inch Seamer Blade Kit - MW-S6BK UPC: 7 27226 13116 4





## **INTERCHANGEABLE ALUMINUM BLADE** SEAMERS

## Compound Leverage Handle Action

Midwest Tool® interchangeable blade seamers are tradesman quality. These interchangeable blade kits offer both distributors and end-users an economical alternative to carrying multiple seamer models



### **INTERCHANGEABLE** BLADES

Quick Change - Over

#### **CHOOSE FROM** THREE BLADE SIZES • Aluminum Blades : 5", 9" & 15"

**HEAVY-DUTY** COMPONETS

 Forged Bracket Supports Blades Compound Leverage Action Handles • Kush'N-Power® Grips





5-Inch Straight Seamer - MWT-S5 UPC: 7 27226 13107 2 5"(127.0mm) x 2"(50.8mm) blades with 2-1/4"(57.2mm) throat depth.

Shelf Pk Qty. 2 Master Carton Qty. 10

9-Inch Straight Seamer - MWT-S9 UPC: 7 27226 13055 6 9"(228.6mm) x 2"(50.8mm) blades with 2-1/4"(57.2mm) throat depth

Shelf Pk Qty. 2 Master Carton Qty. 6

5 & 9-Inch Seamer Set - MW-S59 UPC: 7 27226 13195 9

Shelf Pk Qty. 2 Master Carton Qty. 8

15-Inch Straight Seamer - MWT-S15 UPC: 7 27226 13111 9 15"(381mm) x 2"(50.8mm) blades with 2-1/4"(57.2mm) throat depth.

Shelf Pk Qty. 1 Master Carton Qty. 2

### **OFFSET ALUMINUM BLADE SEAMER MODELS**

STRAIGHT ALUMINUM BLADE SEAMER MODELS These models feature extruded aluminum blades and are most often used by siding and roofing installers

These models feature an offset design for additional leverage and extruded aluminum blades.



5-Inch Offset Seamer - MWT-SO5 UPC: 7 27226 13109 6 5"(127.0mm) x 2"(50.8mm) blades with 2-1/4"(57.2mm) throat depth. Shelf Pk Qty. 2 Master Carton Qty. 10

9-Inch Offset Seamer - MWT-SO9 UPC: 7 27226 13056 3 9"(228.6mm) x 2"(50.8mm) blades with 2-1/4"(57.2mm) throat depth. Shelf Pk Qty. 2 Master Carton Qty. 6

5-Inch & 9-Inch Offset Seamer - MW-SO59 Includes 5-Inch Seamer and 9-Inch Seamer UPC: 7 27226 56058 2

15-Inch Offset Seamer - MWT-SO15 UPC: 7 27226 13112 6 15"(381mm) x 2"(50.8mm) blades with 2-1/4"(57.2mm) throat depth. Shelf Pk Qty. 1 Master Carton Qty. 2

### **ALUMINUM SEAMER BLADE KITS**

Interchangeable blade kits include set of two blades, replacement fasteners, and hex key.



Shelf Pk Qty. 2 Master Carton Qty. 12

5-Inch Seamer Blade Kit - MW-S5BK UPC: 7 27226 13115 7 5"(127.0mm) x 2"(50.8mm) blades

9-Inch Seamer Blade Kit - MW-S9BK UPC: 7 27226 13119 5 9"(228.6mm) x 2"(50.8mm) blades

15-Inch Seamer Blade Kit - MW-S15BK UPC: 7 27226 56070 15"(381mm) x 2"(50.8mm) blades



## BRAKE & FOLDING TOOLS

## For precision fabrication

Heavy-duty stainless steel adjustable hand brake with brass adjustment screws and sight guide. Makes quick and accurate bends in aluminum, steel, copper, and galvanized steel. Convenient 6-inch pocket size is great for forming the "bird box" at the end of soffits and is also used to bend siding trim, fascia, etc.

Folding tools made of tempered 16 gauge steel are strong and double-sided. Makes 1" (25mm) and 3/8" (10mm) wide folds commonly used in Roofing/Siding to form drive cleat tabs, wide folds on plenums, trunk line caps, etc. Sight gauge holes ensure accurate depth alignment.



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### CHOOSE PRESET OR ADJUSTABLE

Use ajustable brake or preset folding tool depths.

**SIGHT GAUGES** Featured on all models for proper alignment.

#### HEAVY-DUTY CONSTRUCTION

Stainless steel brake and folding tools of 16 gauge.







#### Hand Brake

6-Inch Hand Brake MW-6HB Stainless steel with lined sight gauge and brass depth adjustment screws. UPC: 7 27226 50016 8

#### Folding Tools

#### Midwest Tool Folding Tools

Made of 16 gauge tempered steel. Double sided throat depth presets. Use one side for 1"(25.4mm) or the opposite side for 3/8"(9.53mm). Sight gauges on both sides. Availible in 12", 18" & 24" sizes.



Shelf Pk Qty. 6 Master Carton Qty. 36

**12-Inch Folding Tool - MWT-F1** UPC: 7 27226 13090 7



Shelf Pk Qty. 4 Master Carton Qty. 16

**18-Inch Folding Tool - MWT-F2** UPC: 7 27226 13091 4



Shelf Pk Qty. 4 Master Carton Qty. 16

**24-Inch Folding Tool - MWT-F3** UPC: 7 27226 13092 1

#### **SEAMERS & FOLDING TOOLS**



## FORGED SEAMER TONGS

## **Strongest of all Seamers**

Our hot drop-forged seamer tong models are of traditional design. They are the strongest and most durable of our bending and folding tool offerings. Throat depth graduations are forged into the jaws in 1/4"(6.4mm) increments for user accuracy. Kush'n-Kote® handle grips provide a secure grip and comfort the user's hand.

### SIGHT GAUGES

Featured on all models for proper alignment.

## KUSH'N-KOTE® COMFORT GRIPS

Comfort the User's hand.

| Bending | & F | olding |  |
|---------|-----|--------|--|
| 20.00   |     |        |  |

### **FORGED SEAMER TONGS**



#### Shelf Pk Qty. 2 Master Carton Qty. 12

#### 3-Inch Straight Seamer Tong MWT-ST1

Use straight handle seamer tong to bend or form sheet metal and other pliable sheet materials. 1-1/4"(31.8mm) throat depth with 1/4"(6.4mm) depth graduations. UPC: 7 27226 13081 5



Shelf Pk Qty. 2 Master Carton Qty. 12

#### 3-Inch Offset Seamer Tong MWT-ST2

Use offset handle seamer tong for additional leverage to bend or form sheet metal and other pliable sheet materials. 1-1/4" (31.8mm) throat depth with 1/4"(6.4mm) depth graduations. UPC: 7 27226 13082 2

|                                  |                   | UPC<br>Code |         | Master<br>Cartor |             |                     |                               |           | CAF        | PACIT       | Y                           |
|----------------------------------|-------------------|-------------|---------|------------------|-------------|---------------------|-------------------------------|-----------|------------|-------------|-----------------------------|
|                                  | Model No.         | 7-27226     |         |                  | Туре        | Blade Length        | Throat Depth                  | SS Steel  |            | Aluminum    |                             |
| Forged                           | MW-ST1            | 13181-2     | 2       | 12               | straight    | 3"(76.2mm)          | 1-1/4"(31.8mm)                | 24 ga.    | 22 ga.     | 20 ga.      | 22 ga.                      |
| Seamer Tongs                     | MW-ST2            | 13182-9     | 2       | 12               | offset      | 3"(76.2mm)          | 1-1/4"(31.8mm)                | 24 ga.    | 22 ga.     | 20 ga.      | 22 ga.                      |
| •••••                            | • • • • • • • • • | • • • • • • | ••••    | ••••             | • • • • • • | •••••               | •••••                         | • • • • • | • • • •    | ••••        | • • • • • • • • • • • • • • |
|                                  | MW-S1             | 13196-6     | 2       | 12               | straight    | 3"(76.2mm)          | 1-1/4"(31.8mm)                | 24 ga.    | 22 ga.     | 20 ga.      | 22 ga.                      |
|                                  | MW-S2             | 13194-2     | 2       | 12               | offset      | 3"(76.2mm)          | 1-1/4"(31.8mm)                | 24 ga.    | 22 ga.     | 20 ga.      | 22 ga.                      |
| Interchangeable<br>Blade Seamers | MWT-S5            | 13197-3     | 2       | 10               | straight    | 5"(127.0mm)         | 2"(50.8mm)                    |           | 22 ga.     | 22 ga.      | 22 ga.                      |
|                                  | MWT-SO5           | 56055-1     | 2       | 10               | offset      | 5"(127.0mm)         | 2"(50.8mm)                    |           | 22 ga.     | 22 ga.      | 22 ga.                      |
|                                  | MW-S6             | 13113-3     | 2       | 12               | straight    | 6"(152.4mm)         | 1-1/4"(31.8mm)                | 24 ga.    | 22 ga.     | 20 ga.      | 22 ga.                      |
|                                  | MW-SO6            | 13116-4     | 2       | 12               | offset      | 6"(152.4mm)         | 1-1/4"(31.8mm)                | 24 ga.    | 22 ga.     | 20 ga.      | 22 ga.                      |
|                                  | MWT-S9            | 13194-2     | 2       | 8                | straight    | 9"(228.6mm)         | 2"(50.8mm)                    |           | 28 ga.     | 22 ga.      | 22 ga.                      |
|                                  | MWT-SO9           | 56057-5     | 2       | 6                | offset      | 9"(228.6mm)         | 2"(50.8mm)                    |           | 28 ga.     | 22 ga.      | 22 ga.                      |
| •••••                            | • • • • • • • • • | • • • • • • | ••••    | ••••             | • • • • • • | •••••               | • • • • • • • • • • • • • • • | • • • • • | • • • • •  | ••••        | •••••                       |
| Hand Brake                       | MWT-6HB           | 13194-2     | 2       | 18               | adjustable  | 6"(152.4mm)         | 1"(25.4mm)                    | 28 ga.    | 22 ga.     | 20 ga.      | 20 ga.                      |
| •••••                            | • • • • • • • • • | • • • • • • | • • • • | ••••             | • • • • • • | •••••               | •••••                         | • • • • • | • • • •    | ••••        | •••••                       |
|                                  | MWT-F1            | 13151-5     | 6       | 36               | 2-sided     | 12"(304.8mm)        | 3/8"(9.55mm)/1"(25.4mm)       | 28 ga.    | 24 ga.     | 22 ga.      | 22 ga.                      |
| Folding Tools                    | MWT-F2            | 13152-2     | 4       | 24               | 2-sided     | 18"(457.2mm)        | 3/8"(9.55mm)/1"(25.4mm)       | 28 ga.    | 24 ga.     | 22 ga.      | 22 ga.                      |
|                                  | MWT-F3            | 13150-8     | 4       | 16               | 2-sided     | 24"(609.6mm)        | 3/8"(9.55mm)/1"(25.4mm)       | 28 ga.    | 24 ga.     | 22 ga.      | 22 ga.                      |
| •••••                            | •••••             | • • • • • • | • • • • | • • • • •        | • • • • • • | •••••               | • • • • • • • • • • • • • •   | ••••      | ••••       | • • • • •   | •••••                       |
|                                  | MWT-S1BK          | 13113-3     | 2       | 12               | forged      | 3"(76.2mm)          | Kits include: **              |           |            |             |                             |
| Seamer                           | MWT-S5BK          | 13115-7     | 2       | 12               | aluminum    | 5"(127.0mm)         | 2 blades     fasteners        |           |            |             |                             |
| Blade Kits                       | MWT-S6BK          | 13116-4     | 2       | 12               | forged      | 6"(152.4mm)         | hex key [blades fit all       |           |            |             |                             |
|                                  | MWT-S9BK          | 13119-5     | 2       | 12               | aluminum    | 9"(228.6mm)         | model seamers]                |           |            |             |                             |
| •••••                            | •••••             | • • • • • • | ••••    | ••••             | ••••        | •••••               | •••••                         | • • • • • | • • • • •  | ••••        | •••••                       |
|                                  | MWT-S36           | 13194-2     | 2       | 8                | forged      | Includes: MW-S6 (6" | Seamer) & MW-S1BK (3" in      | terchange | able blade | es w/ hex k | ey)                         |
|                                  |                   |             |         |                  |             |                     |                               |           |            |             |                             |

 Seamer Sets
 MW-S036
 56057-5
 2
 8
 aluminum
 Includes: MW-S06 (6" Offset Seamer) & MW-S1BK (3" interchangeable blades w/ hex key)

 MWT-S05
 13195-9
 2
 8
 forged
 Includes: MW-S09 (9" Seamer) & MW-S5BK (5" interchangeable blades w/ hex key)

 MW-S059
 56058-2
 2
 8
 aluminum
 Includes: MW-S09 (9" Offset Seamer) & MW-S5BK (3" interchangeable blades w/ hex key)

16 ga. = 0.060"(1.52mm) | 18 ga. = 0.048"(1.22mm) | 20 ga. = 0.036"(0.91mm) | 22 ga. = 0.030"(0.76mm) | 24 ga. = 0.24"(0.61mm) | 26 ga. = 0.018"(0.46mm) | 28 ga. = 0.015"(0.38mm)







## Specialty Tools for Fabrication, Installation, Maintenance & Repair HVAC SPECIALITY TOOLS

#### FEEL THE DIFFERENCE!

Midwest Tool<sup>®</sup> sheet metal duct specialty tool offerings include models designed by sheet metal tradesmen. We take pride in our relationship with the sheet metal worker and are proud to manufacture and offer to them the snips and specialty hand tools that meet their needs.



### COMPOUND LEVERAGE SHEET METAL DUCT TOOL MODELS

Shelf Pk Qty. 3 Master Carton Qty. 18





#### Snap Lock Punch MWT-L1

Punches 3/8"(9.5mm) snaplock tab to join two sheet metal sides together. (Lock rolled edge side into tabbed side.) Precision CNC milled cutting head with 1/4"(6.35mm) throat depth. Made in USA. UPC: 7 27226 13093 8





Creates 2 finished edges with 1 cut removing 3/16" (4.8mm) width of material from center of cut with maximum 1-1/4"(31.7mm) length of cut per stroke. Made in USA. UPC: 7 27226 13084 6





31-Degree Notcher MWT-N1

Cuts 31-degree V-notch to form connector tabs. Precision CNC milled cutting jaw with 1-3/16"(30.2mm) throat depth. Made in USA. UPC: 7 27226 13085 3





5-Blade Crimper MWT-C5

Crimps duct ends up to 1-5/8"(41.3mm) throat depth for tight fitting joints. Made in USA. UPC: 7 27226 13083 9











MWT-L1

MWT-N1

MWT-P1

MWT-C5



### SHEET METAL DUCT TOOL MODELS



#### Shelf Pk Qty. 4 Master Carton Qty. 24

**12-Inch Duct Slitter - MWT-X1** Use to pierce a starter hole, slit light gauge sheet metal or scribe a line. Forged blade with acrylic handle. Made in USA. UPC: 7 27226 13095 2

#### Shelf Pk Qty.3Master Carton Qty.18

**Cable Tie Tension Tool - MW-T1** Use to tighten cable tie securing flex duct to fittings. Cutter handle trims excess cable. Handles all types of nylon cable ties including thin designs. Imported.



#### Shelf Pk Qty. 3 Master Carton Qty. 18

#### **Duct Tightener - MW-D2**

Use to join and clamp duct runs together for cleating. Drive V-slot into duct flanges with hammer. Drive cleat over flanges and remove duct tightener after cleat is in place. Made in USA. UPC: 7 27226 13159 1



#### Shelf Pk Qty. 4 Master Carton Qty. 24

**16 oz. Tinner Hammer - MW-H1** Forged steel head with 8-sided striking face opposite rounded chisel end. Fiberglass shock-absorbing handle with rubber grip. Made in USA. UPC: 7 27226 13158 4



#### Shelf Pk Qty. 6 Master Carton Qty. 36

#### 16-Inch Duct Stretcher - MW-D1

Use as a lever to pull duct runs together for cleating. The handle is made of light weight aluminum. The rollers are made of hardened spring steel. Offset handle with Kush'n-Kote® textured grip. Made in USA. UPC: 7 27226 13153 9



#### Shelf Pk Qty. 10 Master Carton Qty. 60

#### 3-1/2"(88.9mm) Scratch Awl - MW-A1

Use to scribe mark sheet metal and align holes. Forged for long-lasting point. Made in USA.





#### Shelf Pk Qty. 3 Master Carton Qty. 36

#### Scribe-MWT-A2

10 common preset depths (1/8" - 1") Use to scribe mark sheet metal Made in USA. UPC: 7 27226 13137 9

|    |                           | Model Number |         | Pack<br>Qty. | Qty. | Nominal<br>Length | Tab or<br>Cut Width | Throat Depth              | Cold-Roll<br>Capacity |
|----|---------------------------|--------------|---------|--------------|------|-------------------|---------------------|---------------------------|-----------------------|
|    | Compound                  | MW-L1        | 13154-6 | 3            | 18   | 9"(228.6mm)       | 3/8"(9.5mm)         | 1/4"(9.5mm)               | 24 gauge              |
|    | Leverage<br>Models        | MW-P1        | 13157-7 | 3            | 18   | 9.25"(235mm)      | 3/16"(4.8mm)        | 1"(25.4mm)                | 24 gauge              |
|    |                           | MW-C5        | 13030-3 | 3            | 18   | 1/8"(215.9mm)     |                     | 1-5/8"(41.28mm)           | 22 gauge              |
|    |                           | MW-N1        | 13141-6 | 3            | 18   | 8.75"(222.3mm)    | 31-degree           | 1-3/16"(30.17mm)          | 24 gauge              |
|    |                           | MWT-X1       | 13095-2 | 4            | 24   | 12"(304.8mm)      |                     |                           |                       |
|    |                           | MW-D1        | 13153-9 | 6            | 36   | 16"(406.4mm)      |                     |                           |                       |
|    | Sheet Metal<br>Duct Tools | MW-D2        | 13159-1 | 3            | 18   | 5.5"(139.7mm)     |                     |                           |                       |
|    |                           | MW-H1        | 13158-4 | 4            | 24   | 13"(330.2mm)      |                     |                           |                       |
|    |                           | MW-A1        | 13185-0 | 10           | 60   | 3.5"(88.9mm)      |                     |                           |                       |
|    |                           | MW-A2        | 13137-9 |              | 36   | 4.0"              |                     |                           |                       |
|    |                           | MW-T1        | 13155-3 | 3            | 18   | 8"(203.2mm)       |                     |                           |                       |
| •• | Nopeus                    | MW-NS1       | 13138-6 | 1            | n/a  |                   | •••••               | • • • • • • • • • • • • • |                       |

Chalf Master

Shear

#### 16 ga. = 0.060"(1.52mm) | 18 ga. = 0.048"(1.22mm) | 20 ga. = 0.036"(0.91mm) | 22 ga. = 0.030"(0.76mm) | 24 ga. = 0.24"(0.61mm) | 26 ga. = 0.018"(0.46mm) | 28 ga. = 0.015"(0.38mm) | 28 ga. = 0.015"(0.38mm) | 28 ga. = 0.015"(0.38mm) | 28 ga. = 0.016"(0.46mm) | 28 ga. = 0.016"(0.46mm) | 28 ga. = 0.015"(0.38mm) | 28 ga. = 0.016"(0.46mm) | 28 ga. = 0.016"(0.4







PRECISION PULLT ROOFING, SIDING & GUTTER TOOLS

## The Right Tools Since 1945

Midwest Tool has been manufacturing tradesmen quality hand tools, Made in the USA, since 1945.

No matter what Midwest tool is in your belt, you can count on Midwest to provide the Fastest, Easiest, and Safest tools available.





#### Shelf Pk Qty. 3 Master Carton Qty. 18

- **Combo Punch MWT-CT**
- 3/8" Snap-Lock Tab
- 5/32" x 1/2" Nail Slot
  3/8" Throat Depth
- UPC: 7 27226 13041 9

**Compound Leverage Siding & Trim Tools** 





#### Shelf Pk Qty. 3 Master Carton Qty. 18

## Siding Lap & J-Channel Combo Notcher MWT-VN

1/8" Notch Width
3/8"-1" Depth Gauge
1 3/8" Throat Depth
UPC: 7 27226 13051 8





#### Shelf Pk Qty. 3 Master Carton Qty. 18

Permatab Crimper - MW-PTC
 Attaches perma tab to siding

Adjustable throat depth stop
 UPC: 7 27226 50006 9



#### **Siding and Trim Tools**

WA-THO ( MIDWEST Made In USA

#### Shelf Pk Qty. 6 Master Carton Qty. 36

Trim Nail Driver - MWT-TND Hex shape stays in place Ball bearing for smooth action UPC: 7 27226 13050 1

Shelf Pk Qty. 3 Master Carton Qty. 18



Snap Lock Punch - MWT-DVSSL 3/8" Snap-Lock Tab 3/8" Throat Depth UPC: 7 27226 13053 2





#### Shelf Pk Qty. 6 Master Carton Qty. 36

Siding Removal Tool - MWT-ST Brass riveted hardwood handle fits user's hand comfortably. Hardened spring steel blade for long lasting durability. Offset blade design protects hand and knuckles from siding surface. Handy hang-hole. UPC: 7 27226 13049 5

#### Shelf Pk Oty. 6 Master Carton Oty. 36



"Labor Saver" Lap Siding Gauges - MW-LSG The gauges keep siding securely in place preventing slippage during nailing. Strong one-piece stainless steel constructed gauges will not bend or rust. There are no moving parts or screws to lose. The "Labor Saver" gauges lap siding to standard 1-1/4 inch lap. Made In USA. US Patent 6,367,160 UPC: 7 27226 56067 4



#### Shelf Pk Qty. 3 Master Carton Qty. 18

#### Vertical Slot Punch - MW-VSP

from hand pressure. UPC: 7 27226 13040 2

Makes vertical slot hole 3/16"(4.77mm) X 1/2"(12.7mm) in bracket sometimes required for installation of cover or helmet. Also can be used for siding and trim installation depending upon position of material and desired direction of nail slot UPC: 7 27226 56056 8



#### Shelf Pk Qty. 3 Master Carton Qty. 18

3-Blade Crimper - MWT-3BC Hardened steel blades for long-lasting durability. Makes factory precision crimp to throat depth of 1-1/4"(31.75mm). Heavy-duty steel handles will not bend from hand pressure. UPC: 7 27226 13039 6

Shelf Pk Qty. 3 Master Carton Qty. 18







#### Shelf Pk Qty. 3 Master Carton Qty. 18

**Compound Leverage Gutter Tools** 

#### End-Cap Crimper - MW-ECC

Securely fastens end-cap to gutter with a double cut on the inside and louver cut on the outside. Adjustable throat depth. Heavy-duty handles will not bend from hand pressure. Tempered steel head for long-lasting accuracy. UPC: 7 27226 50013 7



#### 5-Blade Crimper - MWT-5BC Hardened steel blades for long-lasting durability. Makes factory precision crimp to throat depth of 1-1/4"(31.75mm). Heavy-duty steel handles will not bend



Nominal



## Compound Leverage Gutter Tools Shelf Pk Qty. 3 Master Carton Qty. 18

### End-Cap/PermaTab Crimper - MW-DECPC

Securely fastens end-cap to gutter with louver style cut on the inside. Also can be used to secure permatabs to siding. Handles are made of hardened and tempered spring steel with a Kush'n-Kote® textured grip to comfort user's hand. UPC: 7 27226 50008 3

#### Shelf Pk Qty. 6 Master Carton Qty. 36

Hardened steel punch for long-lasting durability. Copper coated steel ball-bearing for smooth action. 9.75"(247.65mm) length for extra reach. Hex shape for secure grip. **Gutter Nail Driver (pallet nail style) - MW-GND** UPC: 7 27226 50009 0 **Gutter Nail Driver (8-penny nail style) - MW-GNDS** UPC: 7 27226 50010 6

#### **Speciality Vinyl Tools**



W-DO DOWN WE NISA -



#### Vinyl Siding Replaceable Blade Snip - MWT-1200SV

- Cuts straight and wide curves.
- Use in either hand.
- 3-1/2"(89mm) length of cut
- Replaceable blades.
- Ships with Vinyl Siding blades
- Kush'n-Kote® handles.
- UPC: 7 27226 13127 0



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#### Shelf Pk Qty. 6 Master Carton Qty.

#### 12-Inch Vinyl Siding Snip MWT-127SV

- Cuts straight and wide curves.
- Cut Length : 3.0" (76.2 mm)
- Vinyl Siding, Vinyl Trim, Vinyl Siding Nail Lip.
- Soft Materials
- NOT FOR METAL OR WIRE CUTTING
- UPC: 7 27226 13047 1



|      | Compound<br>Leverage   | Model No.     | 7-27226     | Qty. | Qty. | Function                       | Length          | Throat Depth                            |
|------|------------------------|---------------|-------------|------|------|--------------------------------|-----------------|---|
|      | Siding & Trim          | MW-CT         | 50004-5     | 3    | 18   | snap-lock & nail hole punch    | 9.0"(228.6mm)   | 0.375"(9.53mm)                          |
|      | Tools                  | MW-VN         | 50005-2     | 3    | 18   | lap notcher & j-channel cutter | 9.0"(228.6mm)   | 1.375"(34.93mm)                         |
|      |                        | MW-PTC        | 50006-9     | 3    | 18   | permatab crimper               | 9.0"(228.6mm)   | adjust to 0.375"(9.53mm)                |
| •••• | • • • • • • • • • • •  | • • • • • • • | • • • • • • | •••• | •••• |                                | •••••           | • |
|      |                        |               | UPC<br>Code | Pack |      |                                |                 |   |
|      |                        | Model No.     |             | Qty. | Qty. | Function                       | Nominal Length  | Throat Depth                            |
|      |                        | MW-TND        | 50001-4     | 6    | 36   | trim nail driver               | 4.75"(120.65mm) | 1.25"(31.75mm)                          |
| 9    | Siding & Trim<br>Tools | MW-DVSSL      | 50007-6     | 3    | 18   | snap-lock punch                | 9.0"(228.6mm)   | 0.375"(9.53mm)                          |
|      |                        | MW-ST         | 50002-1     | 6    | 36   | siding removal tool            | 6.0"(152.4mm)   | 0.125"(3.175mm)                         |
|      |                        | MW-LSG        | 56067-4     | 6    | 36   | lap gauge (2 gauge set)        | 6.0"(152.4mm)   |   |
| •••• |                        | MW-ECC        | 50013-7     | •••• | 18   | end-cap crimper                | 9 0"(228 6mm)   | adjust to 0.375"(9.53mm)                |

Shelf Master

Pack Carton

LIPC

Code

|                          | MW-VSP | 56056-8 | 3 | 18 | gutter helmet & vertical slot punch | 9.0"(228.6mm)   | 0.75"(10.05mm)           |
|--------------------------|--------|---------|---|----|-------------------------------------|-----------------|--------------------------|
| Gutter 10018             | MW-5BC | 50012-0 | 3 | 18 | 5-blade crimper                     | 9.25"(234.95mm) | 1.25"(31.75mm)           |
| Leverage<br>Gutter Tools | MW-3BC | 50011-3 | 3 | 18 | 3-blade crimper                     | 9.25"(234.95mm) | 1.25"(31.75mm)           |
| Compound                 | MW-ECC | 50013-7 | 3 | 18 | end-cap crimper                     | 9.0"(228.6mm)   | adjust to 0.375"(9.53mm) |

|              | Model No. | UPC<br>Code<br>7-27226 |   | Master<br>Carton<br>Qty. | Function                           | Nominal Length  | Throat Depth   |
|--------------|-----------|------------------------|---|--------------------------|------------------------------------|-----------------|----------------|
|              | MW-DECPC  | 50008-3                | 3 | 18                       | end-cap & permatab crimper         | 9.0"(228.6mm)   | 0.375"(9.53mm) |
| Gutter Tools | MW-GND    | 50009-0                | 6 | 36                       | gutter nail driver - pallet nails  | 7.75"(196.85mm) | 1.5"(38.1mm)   |
|              | MW-GNDS   | 50010-6                | 6 | 36                       | gutter nail driver - 8 penny nails | 7.75"(196.85mm) | 2.25"(53.9mm)  |



## **PORTABLE** WORK SURFACE Fully Portable. Fully Powered. Limitless Projects.

The Midwest Portable Work Surface is a versatile tool that combines an industrial strength work platform and a professional grade workbench into a compact, portable and easily storable unit with a carrying weight of just 30 lbs.

It comes equipped with a built-in 3-outlet, 15-Amp surge protected power strip.

### INTERCHANGEABLE WORK SURFACES

Quickly Change between work surfaces with 4 quick release latches.

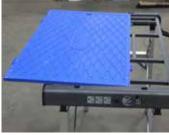
#### POWERED

15 Amp / Surge protected three port electrical outlet (UL & CE listed)

### TWO ADJUSTABLE HEIGHTS

Work Platform : 21.625" (54.93cm) Work Surface : 31.25" (79.38cm)

**HEAVY-DUTY** Holds up to 330 lbs. in Platform position Holds up to 330 lbs. in Surface position



Interchangeable Work Surface



Sturdy in the lower position



15 Amp/surge protected three port electrical outlet (UL and CE listed)



Work surface with printed measurements, drill hole, stainless steel hammering & cutting strip



Optional Workbench Pouch with multiple pockets for all your needs.



Convenient Carrying Handle and weighing only 30lbs, makes for easy portability







The MIDWEST® Portable Work Surface is a versatile tool that combines an industrial strength work platform and a professional grade workbench that offers limitless project possibilities.

Its compact design, convenient carrying handle and a weight of 30lbs (13.6kg) makes for easy portability.

The work surface has two easily interchangable sides, a non-slip textured platform side and a smooth MDF wood surface with printed measuring tools and a generous 18.375 in. x 33.5 in workspace.

There is a 15 Amp/Surge protected three port electrical outlet conveniently located on the side of the platform with three ports for your power needs.

UPC: 7 27226 14178 1



#### **KNIFTI FASTENERS & NUTSETTERS**





## INTRODUCING **KNIFTI-GRIP** SELF-PIERCING SCREWS

High Quality, Fast Grabbing, Non-Slip Slotted Heads. New improved packaging with BPA jars with secure lids.



Hex shank drive to female hex with rare earth magnetic insert. Precision forged for exceptional strength and durability.

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## **KNIFTI-GRIP SELF-PIERCING SCREWS**



- Conveniently packaged in bags and jars
- · Fast-Grabbing needle point and twin lead threads
- Rust-Proof zinc-plated steel
- Non-Slip Slotted Heads with 1/4" indented hex washer

### **PAINTED FASTENERS (SELF-PIERCING SCREWS)**

All sizes stocked in white and unpainted. Other colors available by special order.

Larger pail quantities available upon request.



| SIZE X LENGTH. | QUANTITIES |             |
|----------------|------------|-------------|
| NO.6 X 3/8-in. | 100        | 1000        |
|                | MW-6X38PW1 | MW-6X38PW   |
| NO.7 X 1/2-in. | 100        | 1000        |
|                | MW-7X12PW1 | MW-7X12PW10 |
| NO.8 X 1/2-in. | 100        | 1000        |
|                | MW-8X12PW1 | MW-8X12PW10 |
| NO.8 X 3/4-in. | 500        |             |
|                | MW-8X34PW5 |             |
| NO.8 x 1-in.   | 500        |             |
|                | MW-8X1PW5  |             |
| NO.8 x 2-in.   | 250        |             |

MW-8X2PW25

QUANTITIES

## **UNPAINTED FASTENERS** (SELF-PIERCING SCREWS)

SIZE Y LENGTH



54

| SIZE A LENGTH.   | GUANTITL  | 3          |           |            |
|------------------|-----------|------------|-----------|------------|
| NO.6 X 3/8-in.   | 100       | 1000       |           |            |
|                  | MW-6X381  | MW-3810    |           |            |
| NO.7 X 1/2-in.   | 100       | 1000       | 7500      |            |
|                  | MW-7X121  | MW-7X1210  | MW-7X1275 |            |
| NO.8 X 1/2-in.   | 100       | 1000       | 7000      | 12000      |
|                  | MW-8X121  | MW-8X1210  | MW-8X1270 | MW-8X12120 |
| NO.8 X 5/8-in.   | 100       |            |           |            |
|                  | MW-8X581  |            |           |            |
| NO.8 X 3/4-in.   | 500       | 1000       | 5000      | 10000      |
|                  | MW-8X345  | MW-8x3410  | MW-8x3450 | MW-8x34100 |
| NO.8 x 1-in.     | 100       | 500        | 3500      | 7000       |
|                  | MW-8X11   | MW-8x15    | MW-8X135  | MW-8X170   |
| NO.8 x 1-1/2-in. | 50        | 250        | 2250      |            |
|                  | MW-8X1125 | MW-8x11225 | MW-8x1122 | 25         |
| NO.8 x 2-in.     | 50        | 250        | 2300      |            |
|                  | MW-8X25   | MW-8X225   | MW-8X223  |            |
| NO.10 x 1/2-in.  | 1000      |            |           |            |
|                  | MW-10X121 | 0          |           |            |
| NO.10 x 3/4-in.  | 1000      |            |           |            |
|                  | MW-10X341 | D          |           |            |
|                  |           |            |           |            |

## **NUT SETTERS & POWER BITS** Hex Drivers and Phillips Power Bits

 Shelf Pk Qty.
 10
 Master Carton Qty.
 50

 MAGGNEETIC NUCL SECTERS - HEX DRIVERS

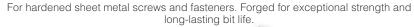
 Hex shank drive to female hex with magnetic insert. Precision forged for exceptional strength and durability.

 MWT-MSH

 MWT-MSH

| HEX SIZE     | LENGTH  | QTY. | PART NUMBER  | QTY. | PART NUMBER   |
|--------------|---------|------|--------------|------|---------------|
|              | 1-5/8"  | 20   | MWT-MSH14    | 50   | MWT-MSH14BK   |
| 1/4"         | 2-9/16" | 5    | MWT-MSHL14   | 25   | MWT-MSHL14BK  |
| 1/4          | 4"      | 5    | MWT-MSHML14  |      |               |
|              | 6"      | 1    | MWT-MSHXL14  |      |               |
|              | 1-5/8"  | 20   | MWT-MSH516   | 50   | MWT-MSH516BK  |
| E/16"        | 2-9/16" | 4    | MWT-MSHL516  | 25   | MWT-MSHL516BK |
| 5/16"        | 4"      | 5    | MWT-MSHML516 |      |               |
|              | 6"      | 1    | MWT-MSHXL516 |      |               |
| <b>၁/</b> 0" | 1-3/4"  | 10   | MWT-MSH38    | 45   | MWT-MSH38BK   |
| 3/8"         | 2-9/16" | 2    | MWT-MSHL38   | 20   | MWT-MSHL38BK  |

### **PHILLIPS POWER BITS**



## MW-E1103XM MW-E1102XM 1/4" x 1-5/16" #3 Phillips Power Bit - MW-E1103XM UPC: 7 27226 56012 4 1/4" x 2-3/4" #2 Phillips Power Bit - MW-E1102XM UPC: 7 27226 56013 1



## Item Specifications Knifti Fasteners

|                          | Model No.               | UPC<br>Code<br>7-27226 | Туре                           |             |                       | Model No.             | UPC<br>Code<br>7-27226 |
|--------------------------|-------------------------|------------------------|--------------------------------|-------------|-----------------------|-----------------------|------------------------|
|                          | MWT-MSH14               | 14162-0                | 1/4"(6.35mm) H                 | lex •       |                       | MW-E1103XM            | 56012-4                |
| KNIFTI-SET               | MWT-MSH14BK             | 14163-7                | 1/4"(6.35mm) H                 |             | PHILLIPS              | MW-E1102XM            | 56013-1                |
| MAGNETIC NUTSETTERS      | MWT-MSH516              | 14164-4                | 5/16"(7.94mm) I                | •           | POWER BITS            |                       |                        |
|                          | MWT-MSH516BK            | 14165-1                | 5/16"(7.94mm) I                |             |                       |                       |                        |
|                          | MWT-MSH38               | 14166-8                | 3/8"(9.52mm) H                 | lex         | • • • • • • • • • • • | • • • • • • • • • • • | • • • • • • • • •      |
|                          | MWT-MSH38BK             | 14167-5                | 3/8"(9.52mm) H                 | lex         |                       |                       |                        |
|                          | MWT-MSHL14              | 14168-2                | 1/4"(6.35mm) H                 | lex         |                       |                       |                        |
|                          | MWT-MSHL14BK            | 14169-9                | 1/4"(6.35mm) H                 | lex         |                       |                       |                        |
|                          | MWT-MSHL516             | 14170-5                | 5/16"(7.94mm) I                | Hex 🚦       |                       |                       |                        |
|                          | MWT-MSHL516BK           | 14171-2                | 5/16"(7.94mm) I                | lex         |                       |                       |                        |
|                          | MWT-MSHL38              | 14172-9                | 3/8"(9.52mm) H                 | lex         |                       |                       |                        |
|                          | MWT-MSHL38BK            | 14173-6                | 3/8"(9.52mm) H                 |             |                       |                       |                        |
|                          | MWT-MSHML14             | 14174-3                | 1/4"(6.35mm) H                 |             |                       |                       |                        |
|                          | MWT-MSHML516            | 14175-0                | 5/16"(7.94mm) I                |             |                       |                       |                        |
|                          | MWT-MSHXL14             | 14176-7                | 1/4"(6.35mm) H                 |             |                       |                       |                        |
|                          | MWT-MSHXL516            | 14177-4                | 5/16"(7.94mm) I                | lex         |                       |                       |                        |
| •••••                    | MW-6x38PW1              | 56019-3                | No.6 x 3/8"                    | Quan<br>100 | tity                  | •••••                 |                        |
| KNIFTI-GRIP              | MW-6X38PW10             | 56020-9                | No.6 x 3/8"                    | 1000        |                       |                       |                        |
| PAINTED FASTENERS        | MW-7X12PW1              | 56021-6                | No.7 x 1/2"                    | 100         |                       |                       |                        |
|                          | MW-7X12PW10             | 56022-3                | No.7 x 1/2"                    | 1000        |                       |                       |                        |
|                          | MW-8X12PW1              | 56023-0                | No.8 x 1/2"                    | 100         |                       |                       |                        |
|                          | MW-8X12PW10             | 56024-7                | No.8 x 1/2"                    | 1000        |                       |                       |                        |
|                          | MW-8X34PW5              | 56025-4                | No.8 x 3/4"                    | 500         |                       |                       |                        |
|                          | MW-8X1PW5               | 56026-1                | No.8 x 1"                      | 500         |                       |                       |                        |
|                          | MW-8X2PW25              | 56027-8                | No.8 x 2"                      | 250         |                       |                       |                        |
|                          | MW-6X381                | 56028-5                | No.6 x 3/8"                    | 100         |                       |                       |                        |
| KNIFTI-GRIP<br>FASTENERS | MW-6X3810               | 56029-2                | No.6 x 3/8"                    | 1000        |                       |                       |                        |
| FASTENERS                | MW-7X121                | 56030-8                | No.7 x 1/2"                    | 100         |                       |                       |                        |
|                          | MW-7X1210               | 56031-5                | No.7 x 1/2"                    | 1000        |                       |                       |                        |
|                          | MW-7X1275               | 14116-3                | No.7 x 1/2"                    | 7500        |                       |                       |                        |
|                          | MW-8X121                | 56032-2                | No.8 x 1/2"                    | 100         |                       |                       |                        |
|                          | MW-8X1210               | 56033-9                | No.8 x 1/2"                    | 1000        |                       |                       |                        |
|                          | MW-8X1270               | 14117-0                | No.8 x 1/2"                    | 7000        |                       |                       |                        |
|                          | MW-8X12120              | 14118-7                | No.8 x 1/2"                    | 12000       |                       |                       |                        |
|                          | MW-8X581                | 13128-7                | No.8 x 5/8"                    | 100         |                       |                       |                        |
|                          | MW-8X345                | 56034-6                | No.8 x 3/4"                    | 500         |                       |                       |                        |
|                          | MW-8X3410               | 14119-4                | No.8 x 3/4"                    | 1000        |                       |                       |                        |
|                          | MW-8X3450               | 14120-0                | No.8 x 3/4"                    | 5000        |                       |                       |                        |
|                          | MW-8X34100              | 14121-7                | No.8 x 3/4"                    | 10000       |                       |                       |                        |
|                          | MW-8X11                 | 14122-4                | No.8 x 1"                      | 100         |                       |                       |                        |
|                          | MW-8X15                 | 56035-3                | No.8 x 1"                      | 500         |                       |                       |                        |
|                          | MW-8X135                | 14123-1                | No.8 x 1"                      | 3500        |                       |                       |                        |
|                          | MW-8X170<br>MW-8X1125   | 14124-8                | No.8 x 1"                      | 7000        |                       |                       |                        |
|                          | MW-8X1125<br>MW-8X11225 | 14125-5<br>56036-0     | No.8 x 1-1/2"                  | 50          |                       |                       |                        |
|                          | MW-8X11225              | 14126-2                | No.8 x 1-1/2"<br>No.8 x 1-1/2" | 250<br>2250 |                       |                       |                        |
|                          | MW-8X25                 | 14120-2                |                                |             |                       |                       |                        |
|                          | MW-8X225                | 56037-7                | No.8 x 2"<br>No.8 x 2"         | 50<br>250   |                       |                       |                        |
|                          | MW-8X223                | 14128-6                | No.8 x 2"                      | 2300        |                       |                       |                        |
|                          | MW-10X1210              | 14129-3                | No.10 x 1/2"                   | 1000        |                       |                       |                        |
|                          | MW-10X1210              | 14130-9                | No.10 x 3/4"                   | 1000        |                       |                       |                        |
|                          |                         |                        |                                |             |                       |                       |                        |



## **TOOL KITS** Tools of the Trade.

Our HVAC Tool Kits are great for new graduates to seasoned vets of the field.



### **HVAC TOOL BAG KITS**



#### HVAC Preferred Kit - MWT-HVACKIT01

MIDWEST® HVAC Preferred Kit contains five "go to" tools for HVAC sheetmetal work (Left and Right Offset Snips, Bulldog Snip, 3" Straight Seamer Tong, & Scribe) all contained in a durable tool bag. Everything is made in the USA! UPC: 7 27226 14155 2

### **HVAC TOOL BAG KITS**



#### HVAC Platnium Kit - MWT-HVACKIT03

MIDWEST® HVAC Platnium Kit contains nine "go to" tools for HVAC sheetmetal work (Left and Right Offset Snips, Bulldog Snip, Left and Right Upright Snips, 3"/6" Interchangable Straight Seamer Set, Crimping Tool, 12" Folding Tool & Scribe) all contained in a durable tool bag. Everything is made in the USA! UPC: 7 27226 14157 6



#### HVAC Premium Kit - MWT-HVACKIT02

MIDWEST® HVAC Premium Kit contains six "go to" tools for HVAC sheetmetal work (Left and Right Offset Snips, Bulldog Snip, 3"/6" Interchangable Straight Seamer Set, 12" Folding Tool & Scribe) all contained in a durable tool bag. Everything is made in the USA! UPC: 7 27226 14156 9







### **BUILDING TOOL BAG KITS**



#### Building Preferred Kit - MWT-BULDKIT01

MIDWEST® Building Preferred Kit contains five "go to" tools for Building sheetmetal work (Left and Right Offset Snips, Bulldog Snip, Powercutter Long Offset Snip, & Scratch Awl) all contained in a durable tool bag. Everything is made in the USA! UPC: 7 27226 14158 3



#### **Building Premium Kit - MWT-BULDKIT02**

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MIDWEST® Building Preferred Kit contains eight "go to" tools for Building sheetmetal work (Left and Right Offset Snips, Bulldog Snip, Powercutter Long Offset Snip, 3" Straight Seamer Tong, Siding Removal Tool, Trim Nail Driver, & Scratch Awl) all contained in a durable tool bag. Everything is made in the USA! UPC: 7 27226 14159 0

### **BUILDING TOOL BAG KITS**



#### **Building Platinum Kit - MWT-BULDKIT3**

TOOL POUCH MWT-TP01

MIDWEST® Building Platinum Kit contains ten "go to" tools for Building sheetmetal work (Left and Right Offset Snips, Straight Snip,Bulldog Snip, Powercutter Long Offset Snip, 3"/6" Interchangable Straight Seamer Set, Magsnips Straight Replaceable Blade Snip, Replaceable Blade kit, Trim nail driver, Siding removal tool, & Scratch Awl) all contained in a durable tool bag. Everything is made in the USA! UPC: 7 27226 14160 6



14161-3

| MWT-HVACKIT03 | 14157-6 | MWT-TP01, MWT-6510 L, MWT-6510R, MWT-6516B, MWT-S1, MWT-A2, MWT-F1, MWT-S36, MWT-C5, MWT-6900L, MWT-6900R |
|---------------|---------|---|
| MWT-BULDKIT01 | 14158-3 | MWT-TP01, MWT-6510C, MWT-6716S, MWT-6716B, MWT-6516, MW-A1  |
| MWT-BULDKIT02 | 14159-0 | MWT-TP01, MWT-6510C, MWT-6716S, MWT-6716B, MWT-6516, MW-A1,<br>MWT-TND, MWT-ST, MWT-ST2                   |
| MWT-BULDKIT03 | 14160-6 | MWT-TP01, MWT-6510C, MWT-6716S, MWT-6716B, MWT-6516, MW-A1, MWT-TND, MWT-ST, MWT-S36, MWT-1200, MWT-1200B |



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Be ready and build strong this season with these durable, high-quality products designed to make your work easier from shop-floor preparation to the field.

# **Vinyl & Aluminum FENCE TOOLS**

#### EXTRUDER – FABRICATOR – PROFESSIONAL INSTALLER – DO-IT-YOURSELFER

Midwest Tool® manufactures an extensive line of high quality hand tools used to fabricate and install vinyl and aluminum fence.

These tools have been designed to meet the needs of fence material extruders, fence fabricators, professional fence installers and the do-it-yourselfer.

The line includes our patented pneumatic notchers and rivet gun as well as manual notcher, nibbler, rail end clippers and rivet gun hand tools.



Shop www.myfencetools.com today.



## Vinyl Fence Manual Notchers

# Notch rails and pickets in the field

Choose from five models of compound leverage hand operated notchers for making the snap-lock in vinyl fence rail and pickets up to and including thicknesses of 0.135"(3.429mm).



FASTER!

**Precision Milled Jaws** Speeds field installation.

## EASIER!

Compound Leverage Requires less hand force.

## SAFER!

Heavy-Duty Components Won't bend or break from hand force.

Secures Rails & Pickets Creates a snap-lock tab that secures the fence rail into a post and/or picket into a rail.

#### Factory Tab Quality Duplicates 1/4"(6.35mm), 1/2"(12.7mm), and 3/4"(19.05mm) factory fabricated snap-lock tabs.

**Choose From Five Different Models** Handles vinyl fence material up to and including 0.135" (3.429mm) thicknesses.



#### Shelf Pk Qty. 3 Master Carton Qty. 18

#### 1/4-Inch Rail/Picket Notcher - MW-1/4VFN

Forged Punch has longer lasting cutting edge. Compound leverage handle action and 3/8"(9.53mm) throat depth. Makes 1/4"(6.35mm) snap-lock tab in vinyl material up to 0.075"(1.905mm) thickness. UPC: 7 27226 55007 1

#### 1/4-Inch Rail/Picket Notcher - Long - MW-1/4VFN-L

VINYL FENCE NOTCHER MODELS

Forged Punch has longer lasting cutting edge. Compound leverage handle action and 7/8"(22.23mm) throat depth. Makes 1/4"(6.35mm) snap-lock tab in vinyl material up to 0.075"(1.905mm) thickness. UPC: 7 27226 55008 8

#### 1/2-Inch Rail/Picket Notcher - MW-1/2VFN

Forged Punch has longer lasting cutting edge. Compound leverage handle action and 7/8"(22.23mm) throat depth. Makes 1/2"(12.7mm) snap-lock tab in vinyl material up to 0.090"(3.429mm) thickness. UPC: 7 27226 55009 5

#### Shelf Pk Qty. n/a Master Carton Qty. 1

#### 3/4-Inch Rail/Picket Notcher - MW-BRVFN

Cast steel handles and 1-1/4"(31.75mm) throat depth. Makes 3/4"(19.05mm) snap-lock tab in vinyl material up to 0.135"(3.429mm) thickness. (Non-replaceable cutting jaw.) UPC: 7 27226 55010 1



#### 3/4-Inch Rail/Picket Notcher - MW-3/4VFN

Long aluminum handles with variable leverage action and adjustable throat depth to 1-1/4"(31.75mm). Cutting jaw is milled from high quality tool steel for long-lasting durability and is designed for cost effective replacement if necessary after extensive use. Overall length is 16"(406.4mm) and weighs 3 lbs.(1.4kg).Notches vinyl material up to 0.135"(3.429mm). UPC: 7 27226 55011 8

#### Shelf Pk Qty. n/a Master Carton Qty. 1

Replacement Jaw (for MW-3/4VFN) - MW-3/4VFN-RJ UPC: 7 27226 55006 4



## **Vinyl Fence Manual Nibblers** "Must Have" tools for vinyl fence installation

These models are used in the field for vinyl fence installation. They are invaluable time-savers when it is necessary to elongate post rail holes or rail picket holes to rack fence for a slope or grade. All feature variable leverage handle action, long aluminum handles, and replaceable cutter blades.



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## FASTER!

#### **Eliminates Filing**

Fence nibblers enlarge post opening 1/4"(6.35mm) depth per stroke and picket nibbler removes 1/8"(3.175mm) depth per stroke.

## EASIER!

**Self-Alignment** All models self-align with existing hole for ease of operation.

## SAFER!

**Protects Hands** Keeps hands away from working surface.

#### **Extended Aluminum Handles** Long aluminum handles with variable leverage action minimize required hand force.

**Replaceable Blade** Punch and die cutter is easily replaced if necessary after extensive use.

#### **Precision Milled** Punch and die cutter is precision CNC milled of high quality tool steel.

**Comfort Handle Grips** 

Textured molded handle grips prevent slippage and comfort user's hands.

### **VINYL FENCE POST** NIBBLER MODELS

Use to elongate rail hole in post when required Use to elongate picket hole in rail when to rack fence rails or section over a slope or grade. Variable leverage handle action. Long aluminum handles. Replaceable cutter jaws. Clean cutting action. Self-aligning to existing post rail hole opening. (Note: Move tool side- • to existing picket rail hole opening. (Note: to-side for post rail hole openings wider than nibbler.) Nibbles away 1/4"(6.35mm) depth of • material per stroke.

#### Shelf Pk Qty. n/a Master Carton Qty. 1



1-1/2-Inch Nibbler **MW-1-1/2VFRN** 1-1/2"(38.1mm) cutting width per stroke UPC: 7 27226 55012 5

1-1/2-Inch Nibbler Replacement Jaw (for MW-1-1/2VFRN) MW-1-1/2VFRN-RJ UPC: 7 27226 56061 2



2-Inch Nibbler MW-2VFRN 2"(50.8mm) cutting width per stroke UPC: 7 27226 55013 2

2-Inch Nibbler Replacement Jaw (for MW-2VFRN) MW-2VFRN-RJ UPC: 7 27226 56062 9

## **VINYL FENCE PICKET RAIL NIBBLER MODEL**

required to rack picket fence over a slope • or grade. Variable leverage handle action. Long aluminum handles. Replaceable cutter jaws. Clean cutting action. Self-aligning Move tool side-to-side for picket rail hole opening wider than nibbler.) Nibbles away 1/8"(3.175mm) of material per stroke.

Shelf Pk Qty. n/a Master Carton Qty. 1



7/8-Inch Nibbler MW-7/8VFPN 7/8"(22.23mm) cutting width per stroke UPC: 7 27226 55014 9

7/8-Inch Nibbler Replacement Jaw (for MW-7/8VFPN) MW-7/8VFPN-RJ UPC: 7 27226 56063 6





## Vinyl Fence Pneumatic Notchers

## Powerful. Portable. Compact. Convenient.

Used by extruders, fabricators and installers to notch vinyl fence rails and pickets. Patented three piston pneumatic cylinder is fast and powerful. Portability increases productivity by reducing material handling. Professionally notch material in its place without placing material on stationary tabletop. One-hand operation. Palm touch modular trigger assembly. Interchangeable notcher heads in three sizes. Cutter blades are milled from tool steel for long-lasting precision. US Patent 6,314,862



## FASTER!

**Patented 3-Piston Power Unit** Quickly notches rails up to 0.15" thick.

EASIER!

#### Portable

Notches material in-place (without table).



**One-Hand Operation** Second hand free to steady and feed material.

Interchangeable Heads MW-1/4VFNPIH, MW-1/4VFNPIHL, and MW-1/2VFNPIH heads are interchangeable.

**Compact** Less than 14"(355.6mm) in overall length.

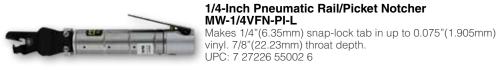
**Convenient** Reduces material handling required for tabletop models.



Powerful 3-piston pneumatic cylinder with palm touch actuator and precision milled notcher heads. Notches snap-lock tabs in vinyl fence rail and pickets. Notcher heads are interchangeable on all 1/4-Inch and 1/2-Inch models. Replaceable jaws are available for all models. (Air hose fittings not included.) US Patent 6,314.862.

Master Carton Qty. 1











Pneumatic Notcher Set MW-1/4+1/2VFN-PI Set includes MW-1/4VFN-PI complete unit and additional interchangeable notcher head MW-1/2VFNPIH.







### INTERCHANGEABLE PNEUMATIC NOTCHER HEAD MODELS

Notcher heads are interchangeable on all 1/4-Inch and 1/2-Inch pneumatic notcher models.

Master Carton Qty. 1





1/4-Inch Notcher Head Only MW-1/4VFN-PI-H 3/8"(9.53mm) throat depth UPC: 7 27226 55070 5

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1/4-Inch Notcher Head Only MW-1/4VFN-PI-HL 7/8"(22.23mm) throat depth UPC: 7 27226 55071 2

PNEUMATIC/AIR TOOL HOLDER MODELS

Made of lightweight aluminum. Hooks on tool belt loop for holstering almost any air tool by its NPT fitting.



1/2-Inch Notcher Head Only MW-1/2VFN-PI-H 7/8"(22.23mm) throat depth UPC: 7 27226 55072 9

FASTER!

Slide in, Slide Out



**No Rail Damage** 



**Includes Safety Strap** 

**Snap-Lock Tab Removers** Use to remove a fence rail for repair or replacement.

## **Vinyl Fence Rail Removers**



MW-TRR24





#### MW-TRR46

### **VINYL FENCE RAIL REMOVER MODELS**

For removal of vinyl fence rails. Insert the blades on both sides of the rail to unlock the snap-lock tabs. Makes repairs or replacement of rails faster, easier, and safer!

Shelf Pk Qty. 4 Master Carton Qty. 24

2"x4" Rail Remover - MW-TRR24 UPC: 7 27226 55018 7 4"x6" Rail Remover - MW-TRR46 UPC: 7 27226 55019 4



#### Shelf Pk Qty. 3 Master Carton Qty. 18

1/4-Inch NPT Air Tool Holder MW-ATH14 UPC: 7 27226 50014 4

3/8-Inch NPT Air Tool Holder **MW-ATH38** UPC: 7 27226 50015 1



## Vinyl Fence Rivet Guns & Rivets

## Pneumatic and Manual Operated Models

Use to prefab vinyl fence gates and sections or in the field for installations and repairs. Our patented pneumatic model MW-R62X6P is most often used for high-speed production. It features our 2-piston pneumatic power unit. The 6-inch long barrel is specifically designed to use our 3/16-inch aluminum rivets, requiring a pull strength of less than 500 pounds. We also offer two manual rivet gun models, one with a 3-inch barrel and rear ejection for use with our 3/16-inch aluminum rivets and one standard multi-purpose manual model with four interchangeable nosepieces for aluminum, copper, steel, and stainless steel rivets up to 3/16-inch. US Patent 6,314,862



## FASTER!

**Pneumatic or Manual Models** For high-speed production or quick installation and repairs.

## EASIER!

**Extended Barrels** Nosepiece extensions fit through 5/8-inch diameter holes.

## SAFER!

Self Release Of Stem Gravity release of rivet stem from end of barrel.

#### **Built To Last**

Both pneumatic and manual models are manufactured of heavy-duty components and designed for tradesman use.

#### **Patented Power Unit**

Features of the 2-piston powered pneumatic model are protected by US Patent 6314862.

#### **User Friendly**

Pneumatic model is trigger activated while manual models feature molded grips to comfort user's hand.

#### Aluminum Rivets Rust free aluminum rivets stocked in plain and white.

## **EXTENDED BARREL PNEUMATIC RIVET GUN MODEL**



#### Master Carton Qty. 1



Powerful 2-piston cylinder. Extended 6"(152.4mm) barrel fits through 5/8"(15.8mm) diameter hole. Uses only 3/16"(4.7mm) aluminum trifold rivets requiring a pull strength of 500 pounds or less at a recommended PSI of 80-90 pounds. Releases stem from barrel end. Pistol grip trigger actuated. (Note: Does not hold rivet when barrel is pointed down.) Made in USA. US Patent 6,314,862 UPC: 7 27226 55040 8

## STANDARD MANUAL RIVET GUN MODEL





#### Master Carton Qty. 1

#### 4 Tip Manual Rivet Gun - MW-HP2

Four interchangeable nosepieces for 3/32"(2.37mm), 1/8"(3.175mm), 5/32"(3.95mm), and 3/16"(4.77mm) diameter aluminum, copper, steel, or stainless steel rivets. Heavy-duty model. Molded grips comfort user's hand. UPC: 7 27226 50038 0

## **ALUMINUM TRIFOLD RIVETS**

Master Carton Qty. 1 500 Count



Low shear aluminum trifold type rivets require less than 500 pounds pull strength. Stocked in plain and white. Other colors available upon request. **3/16"x7/8" Aluminum Rivets - Plain - MW-R-78-P** UPC: 7 27226 55041 5 **3/16"x7/8" Aluminum Rivets - White - MW-R-78-W** UPC: 7 27226 55042 2 **3/16"x1" Aluminum Rivets - Plain - MW-R-10-P** UPC: 7 27226 55043 9 **3/16"x1" Aluminum Rivets - White** UPC: 7 27226 55044 6 **MW-R-10-W** 





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Be ready and build strong this season with these durable, high-quality products designed to make your work easier from shop-floor preparation to the field.



US Patent 7637017

## **Precision CNC Machined ALUMINUM FENCE TOOLS**

RELIED UPON BY ALUMINUM FENCE MANUFACTURERS AND INSTALLERS

This hand tool offering is designed to ease and speed the professional installation of aluminum fence.

Included are rail notchers, a post and rail hole nibbler, and the patented line of Midwest Snips® rail end clippers.

All models feature precision CNC machined tool heads from high quality tool steel and aircraft grade aluminum handles for maximum light-in-weight strength and durability.

The interchangeable tool heads for the patented rail end clipper line are designed and manufactured specific to over 30 different models of residential, commercial, and industrial aluminum fence brands.



## Aluminum Fence Nibblers & Notchers

## "Must Have" tools for aluminum fence installation

The nibbler model elongates rail and post holes allowing sections to be racked to accommodate land surface inclines or grade changes. The notcher models create snap-lock tabs in rail and picket ends of aluminum fencing. All models will handle aluminum fence thicknesses of 0.080" (2.032mm).



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## FASTER!

**Speeds Installation** Sections can be racked quickly in field to accommodate grade changes.

## EASIER!

#### Precision Cuts

CNC machined cutting jaws produce accurate cuts for a professional installation.



#### Long Handles

Increases leverage minimizing user hand force and protecting user's hand from sharp edges.

#### **Nibbler Enlarges Hole For Racking**

The MW-ALFN Nibbler removes 0.650" X 0.125" (16.51mm X 3.175mm) per cutting stroke leaving square corners. Use additional strokes to remove more material.

#### **Notchers Produce Snap-Lock Tabs**

The MW-1/4AFN and the MW-1/4X7/8AFN produce 1/4"(6.35mm) snap-lock tabs in aluminum fence rail ends for securing rail ends in aluminum fence posts.

#### **Field Ready**

These models allow installers to rack or reduce aluminum fence sections as required in the field saving valuable installation time.

#### Strong And Durable

Long aircraft grade aluminum handles increase leverage. Tempered steel cutting heads for long-lasting precision. Molded grips comfort user's hands.



## **ALUMINUM FENCE NIBBLER**

#### Master Carton Qty. 1

#### Nibbler - MW-ALFN

Use to elongate hole in aluminum fence posts and rails for racking fence section when required by grade. Cuts square corners through 0.080"(2.032mm) aluminum wall thickness. Use multiple strokes for wider or deeper cuts. Cutting Width Per Stroke: 0.650"(16.51mm) Cutting Depth Per Stroke: 0.125"(3.175mm) UPC: 7 27226 55020 0

### **ALUMINUM FENCE NOTCHERS**



Master Carton Qty. 1

#### Notcher - MW-1/4AFN

Use to make snap-lock tab in aluminum fence rail ends to secure rail in aluminum fence post. Produces 1/4"(6.35mm) wide tab through 0.080"(2.032mm) aluminum wall thickness. Throat Depth: 0.570"(14.478mm) UPC: 7 27226 55074 3



#### Notcher - MW-1/4X7/8AFN

Use to make snap-lock tab in aluminum fence rail ends to secure rail in aluminum fence post. Produces 1/4"(6.35mm) wide tab through 0.080"(2.032mm) aluminum wall thickness. Throat Depth: 7/8"(22.23mm) UPC: 7 27226 55075 0



## **Aluminum Fence Rail End Clippers** Patented Interchangeable

Head Design

The MW-ALREC aluminum fence rail end clipper produces the fence manufacturer designed rail end fabrication necessary to properly install the rail end into the aluminum fence post. This tool is invaluable when installation requires cutting sections to desired length.

The interchangeable tool heads for the patented rail end clipper are each designed specific to more than 30 different residential, commercial, and industrial models of aluminum fence.

More are added as aluminum fence manufacturers change and add fence models. Simply change the rail end clipper head to that designed for the fence model being installed. US Patent 7637017



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#### **Produces Manufacturer Designed Rail End**

Speeds installation by eliminating need for numerous individual saw cuts to rail end.

## EASIER!

#### **Interchangeable Tool Heads**

Each tool head is designed specific to a manufacturer's fence model. Simply change the tool head for different fence models. Ejects tabs cleanly with no build-up.



#### **Compound Leverage Handle Action**

Minimizes force required for use. Long handles further increase leverage and keep user's hand safely away from sharp material edges.











**MW-ALREC-IJ** MW-ALREC-IK MW-ALREC-IL MW-ALREC-IM MW-ALREC-IN **MW-ALREC-IO MW-ALREC-IR** MW-ALREC-IS **MW-ALREC-IT** MW-ALREC-IU MW-ALREC-IV **MW-ALREC-IW MW-ALREC-IX MW-ALREC-DHP** Digger (Hole Punch)

### **ALUMINUM FENCE NIBBLER**

#### Master Carton Qty. 1

Rail End Clipper (Handle Unit Only) - MW-ALREC-I Handles Only for Interchangeable Tool Heads. UPC: 7 27226 55021 7

#### **INTERCHANGEABLE TOOL HEADS** (TOOL HEADS ONLY)

Serrated cutting edges securely grab



**MW-ALREC-IA** 

**MW-ALREC-IB** 

MW-ALREC-IC

MW-ALREC-IE

**MW-ALREC-IF** 

**MW-ALREC-IG** 

**MW-ALREC-IH** 

material for easier cutting.

Delgard Residential, Jerith Residential Delgard Commercial, Elite Residential, OnGuard Residential, OnGuard Commercial, SpecRail Residential Ideal Residential MW-ALREC-ID2 Ideal Commercial, Jerith Commercial Elite Industrial, Jerith Industrial, SpecRail Industrial, Ultra Commercial, Ultra Industrial American Fence Factory Residential, Delgard Aero Ideal Industrial AlumiGuard Industrial Royal Residential, Royal Commercial, SpecRail Commercial, AlumiGuard Municipal Delgard Residential & Aero Elite Commercial Merchants Metals VSP American Fence Factory Commercial Ameristar Echelon Res'l. Radiance Residential. Sentinel Residential National Fence Systems - Residential National Fence Systems - Commercial Ultra Residential National Fence Systems - Industrial AlumiGuard Imperial AlumiGuard Residential/Commercial

Call or visit MidwestSnips.com for additional specifications.



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| Vinyl Fence  | Model No.  | UPC<br>Code<br>7-27226  | Shelf<br>Pack<br>Qty.                     | Master<br>Carton<br>Qty.                        | Blade Width   | Blade Depth  | Material Capacity   |
|--|--|---|---|---|---|--|---|
| Rail & Picket  | MW-TRR46   | 55018-7   | 4   | 24  | 6"(152.4mm)   | 4"(101.6mm)  | 0.150"(3.81mm)  |
| Tab Removers   | MW-TRR24   | 55019-4   | 4   | 24  | 4"(101.6mm)   | 2"(50.8mm)   | 0.150"(3.81mm)  |
| •••••  | •••••  | •••••   | ••••                                      | •••••   |   | ••••   | Material  |
|  |  |   |   |   | Tab Width   | Throat Depth   | Capacity  |
| Vinyl Fence  | MW-1/4VFN  | 55007-1   | 3   | 18  | 1/4"(6.35mm)  | 3/8"(9.53mm)   | 0.075"(1.905mm)   |
| Manual   | MW-1/4VFN-L  | 55008-8   | 3   | 18  | 1/4"(6.35mm)  | 7/8"(22.23mm)  | 0.075"(1.905mm)   |
| Notchers   | MW-1/2VFN  | 55009-5   | 3   | 18  | 1/2"(12.7mm)  | 7/8"(22.23mm)  | 0.090"(2.286mm)   |
|  | MW-BRVFN   | 55010-1   | NA  | 1   | 3/4"(19.05mm)   | 1-1/4"(31.75mm)  | 0.135"(3.429mm)   |
|  | MW-3/4VFN  | 55011-8   | NA  | 1   | 3/4"(19.05mm)   | 1-1/4"(31.75mm)  | 0.135"(3.429mm)   |
|  | MW-3/4VFN-RJ   | 55006-4   | NA  | 1   | replacement cutting jaw on  | ly for MW-3/4VFN   |   |
| •••••  | •••••  | ••••  | • • • • •                                 | •••••   | Cutting Width   | Cutting Depth  | Material Capacity   |
| Vinyl Fence  | MW-1-1/2VFRN   | 55012-5   | NA  | 1   | 1-1/2"(38.1mm)  | 1/4"(6.35mm)   | 0.150"(3.81mm)  |
| Manual   | MW-2VFRN   | 55013-2   | NA  | 1   | 2"(50.8mm)  | 1/4"(6.35mm)   | 0.150"(3.81mm)  |
| Nibblers   | MW-7/8VFPN   | 55014-9   | NA  | 1   | 7/8"(22.23mm)   | 1/8"(3.175mm)  | 0.090"(2.286mm)   |
|  | MW-1-1/2VFRNRJ   | 56061-2   | NA  | 1   | replacement cutting jaw or  | nly for MW-1-1/2VFRN   |   |
|  | MW-2VFRNRJ   | 56062-9   | NA  | 1   | replacement cutting jaw or  | nly for MW-2VFRN   |   |
|  | MW-7/8VFPNRJ   | 56063-6   | NA  | 1   | replacement cutting jaw or  | nly for MW-7/8VFPN   |   |
|  |  |   |   |   | Tab Width   | Threat Doubh   | Material  |
| Vinvl Fence  | MW-1/4VFN-PI   | 55001-9   | NA  | 1   | 1/4"(6.35mm)  | Throat Depth<br>3/8"(9.53mm)   | Capacity<br>0.075"(1.905mm)   |
| Vinyl Fence<br>Pneumatic   | MW-1/4VFN-PI<br>MW-1/4VFN-PI-L   | 55001-9<br>55002-6  | NA<br>NA                                  | 1<br>1  |   |  | 0.075"(1.905mm)   |
|  |  |   |   |   | 1/4"(6.35mm)  | 3/8"(9.53mm)   | 0.075"(1.905mm)<br>0.075"(1.905mm)  |
| Pneumatic<br>Notchers and<br>nterchangeable  | MW-1/4VFN-PI-L   | 55002-6   | NA  | 1   | 1/4"(6.35mm)<br>1/4"(6.35mm)  | 3/8"(9.53mm)<br>7/8"(22.23mm)  | 0.075"(1.905mm)<br>0.075"(1.905mm)<br>0.090"(2.286mm)   |
| Pneumatic<br>Notchers and  | MW-1/4VFN-PI-L<br>MW-1/2VFN-PI   | 55002-6<br>55003-3  | NA<br>NA                                  | 1<br>1  | 1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/2"(12.7mm)  | 3/8"(9.53mm)<br>7/8"(22.23mm)<br>7/8"(22.23mm)   | 0.075"(1.905mm)<br>0.075"(1.905mm)  |
| Pneumatic<br>Notchers and<br>nterchangeable  | MW-1/4VFN-PI-L<br>MW-1/2VFN-PI<br>MW-3/4VFN-P  | 55002-6<br>55003-3<br>55005-7   | NA<br>NA<br>NA                            | 1<br>1<br>1                                     | 1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/2"(12.7mm)<br>3/4"(19.05mm)<br>1/4"(6.35mm)   | 3/8"(9.53mm)<br>7/8"(22.23mm)<br>7/8"(22.23mm)<br>1-3/16"(30.17mm)<br>3/8"(9.53mm)   | 0.075°(1.905mm)<br>0.075°(1.905mm)<br>0.090°(2.286mm)<br>0.150°(3.81mm)<br>0.075°(1.905mm)  |
| Pneumatic<br>Notchers and<br>nterchangeable  | MW-1/4VFN-PI-L<br>MW-1/2VFN-PI<br>MW-3/4VFN-P<br>MW-1/4+1/2VFN-PI  | 55002-6<br>55003-3<br>55005-7<br>55004-0  | NA<br>NA<br>NA                            | 1<br>1<br>1                                     | 1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/2"(12.7mm)<br>3/4"(19.05mm)<br>1/4"(6.35mm)<br>1/2"(12.7mm)   | 3/8"(9.53mm)<br>7/8"(22.23mm)<br>7/8"(22.23mm)<br>1-3/16"(30.17mm)<br>3/8"(9.53mm)<br>7/8"(22.23mm)  | 0.075"(1.905mm)<br>0.075"(1.905mm)<br>0.150"(2.286mm)<br>0.150"(3.81mm)<br>0.075"(1.905mm)<br>0.090"(2.286mm)<br>0.075"(1.905mm)  |
| Pneumatic<br>Notchers and<br>nterchangeable  | MW-1/4VFN-PI-L<br>MW-1/2VFN-PI<br>MW-3/4VFN-P<br>MW-1/4+1/2VFN-PI<br>MW-1/4VFNPIH  | 55002-6<br>55003-3<br>55005-7<br>55004-0<br>55070-5   | NA<br>NA<br>NA<br>NA                      | 1<br>1<br>1<br>1                                | 1/4"(6.35mm)<br>1/2"(12.7mm)<br>3/4"(19.05mm)<br>1/2"(12.7mm)<br>1/4"(6.35mm)<br>1/4"(6.35mm)   | 3/8'(9.53mm)<br>7/8'(22.23mm)<br>7/8'(22.23mm)<br>1-3/16'(30.17mm)<br>3/8''(9.53mm)<br>7/8''(22.23mm)<br>3/8''(9.53mm)                                 | 0.075°(1.905mm)<br>0.075°(1.905mm)<br>0.090°(2.286mm)<br>0.150°(3.81mm)<br>0.075°(1.905mm)<br>0.090°(2.286mm)   |
| Preumatic<br>Notchers and<br>nterchangeable<br>Heads   | MW-1/4VFN-PI-L<br>MW-1/2VFN-PI<br>MW-3/4VFN-P<br>MW-1/4+1/2VFN-PI<br>MW-1/4+1/2VFN-PI<br>MW-1/4VFNPIHL   | 55002-6<br>55003-3<br>55005-7<br>55004-0<br>55070-5<br>55071-2<br>55072-9                       | NA<br>NA<br>NA<br>NA                      | 1<br>1<br>1<br>1                                | 1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/2"(12.7mm)<br>3/4"(19.05mm)<br>1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/4"(6.35mm)   | 3/8°(9.53mm)<br>7/8°(22.23mm)<br>7/8°(22.23mm)<br>1-3/16°(30.17mm)<br>3/8°(9.53mm)<br>7/8°(22.23mm)<br>3/8°(9.53mm)<br>7/8°(22.23mm)                   | 0.075"(1.905mm)<br>0.075"(1.905mm)<br>0.150"(2.286mm)<br>0.150"(3.81mm)<br>0.075"(1.805mm)<br>0.090"(2.286mm)<br>0.075"(1.905mm)<br>0.075"(1.905mm)                     |
| Preumatic<br>Notchers and<br>nterchangeable<br>Heads<br>Vinyl Fence  | MW-1/4VFN-PI-L<br>MW-1/2VFN-PI<br>MW-3/4VFN-P<br>MW-1/4+1/2VFN-PI<br>MW-1/4+1/2VFN-PI<br>MW-1/4VFNPIHL   | 55002-6<br>55003-3<br>55005-7<br>55004-0<br>55070-5<br>55071-2                                  | NA<br>NA<br>NA<br>NA                      | 1<br>1<br>1<br>1                                | 1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/2"(12.7mm)<br>3/4"(19.05mm)<br>1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/4"(6.35mm)   | 3/8°(9.53mm)<br>7/8°(22.23mm)<br>7/8°(22.23mm)<br>1-3/16°(30.17mm)<br>3/8°(9.53mm)<br>7/8°(22.23mm)<br>3/8°(9.53mm)<br>7/8°(22.23mm)                   | 0.075"(1.905mm)<br>0.075"(1.905mm)<br>0.150"(2.286mm)<br>0.150"(3.81mm)<br>0.075"(1.805mm)<br>0.090"(2.286mm)<br>0.075"(1.905mm)<br>0.075"(1.905mm)                     |
| Preumatic<br>Notchers and<br>nterchangeable<br>Heads   | MW-1/4VFN-PI-L<br>MW-1/2VFN-PI<br>MW-3/4VFN-P<br>MW-1/4+1/2VFN-PI<br>MW-1/4VFNPIH<br>MW-1/4VFNPIHL<br>MW-1/2VFNPIH                             | 55002-6<br>55003-3<br>55005-7<br>55004-0<br>55070-5<br>55071-2<br>55072-9                       | NA<br>NA<br>NA<br>NA<br>NA                | 1<br>1<br>1<br>1<br>1<br>1<br>1                 | 1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/2"(12.7mm)<br>3/4"(19.05mm)<br>1/4"(19.05mm)<br>1/2"(12.7mm)<br>1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/4"(6.35mm)                                  | 3/8°(9.53mm)<br>7/8°(22.23mm)<br>7/8°(22.23mm)<br>1-3/16°(30.17mm)<br>3/8°(9.53mm)<br>7/8°(22.23mm)<br>3/8°(9.53mm)<br>7/8°(22.23mm)                   | 0.075"(1.905mm)<br>0.075"(1.905mm)<br>0.150"(2.286mm)<br>0.150"(3.81mm)<br>0.075"(1.905mm)<br>0.075"(1.905mm)<br>0.075"(1.905mm)  |
| Preumatic<br>Notchers and<br>Interchangeable<br>Heads<br>Vinyl Fence<br>Pneumatic/Air                              | MW-1/4VFN-PI-L<br>MW-1/2VFN-PI<br>MW-3/4VFN-P<br>MW-1/4+1/2VFN-PI<br>MW-1/4+1/2VFN-PI<br>MW-1/4VFNPIHL<br>MW-1/2VFNPIHL<br>MW-7/2VFNPIH        | 55002-6<br>55003-3<br>55005-7<br>55004-0<br>55070-5<br>55071-2<br>55072-9<br>50014-4            | NA<br>NA<br>NA<br>NA<br>NA<br>NA          | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1       | 1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/2"(12.7mm)<br>3/4"(19.05mm)<br>1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/2"(12.7mm)<br>fits 1/4" NPT<br>fits 3/8" NPT | 3/8°(9.53mm)<br>7/8°(22.23mm)<br>1-3/16°(30.17mm)<br>3/8°(9.53mm)<br>7/8°(22.23mm)<br>3/8°(9.53mm)<br>7/8°(22.23mm)<br>7/8°(22.23mm)<br>7/8°(22.23mm)  | 0.075"(1.905mm)<br>0.075"(1.905mm)<br>0.150"(2.286mm)<br>0.150"(3.81mm)<br>0.075"(1.905mm)<br>0.090"(2.286mm)<br>0.075"(1.905mm)<br>0.075"(1.905mm)<br>0.075"(1.905mm)  |
| Preumatic<br>Notchers and<br>Interchangeable<br>Heads<br>Vinyl Fence<br>Pneumatic/Air                              | MW-1/4VFN-PI-L<br>MW-1/2VFN-PI<br>MW-3/4VFN-P<br>MW-1/4+1/2VFN-PI<br>MW-1/4+1/2VFN-PI<br>MW-1/4VFNPIHL<br>MW-1/2VFNPIHL<br>MW-7/2VFNPIH        | 55002-6<br>55003-3<br>55005-7<br>55004-0<br>55070-5<br>55071-2<br>55072-9<br>50014-4            | NA<br>NA<br>NA<br>NA<br>NA<br>NA          | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1       | 1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/2"(12.7mm)<br>3/4"(19.05mm)<br>1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/2"(12.7mm)<br>fits 1/4" NPT  | 3/8°(9.53mm)<br>7/8°(22.23mm)<br>7/8°(22.23mm)<br>1-3/16°(30.17mm)<br>3/8°(9.53mm)<br>7/8°(22.23mm)<br>3/8°(9.53mm)<br>7/8°(22.23mm)                   | 0.075"(1.905mm)<br>0.075"(1.905mm)<br>0.150"(2.286mm)<br>0.150"(3.81mm)<br>0.075"(1.905mm)<br>0.075"(1.905mm)<br>0.075"(1.905mm)  |
| Preumatic<br>Notchers and<br>Interchangeable<br>Heads<br>Vinyl Fence<br>Pneumatic/Air<br>Tool Holders<br>Pneumatic | MW-1/4VFN-PI-L<br>MW-1/2VFN-PI<br>MW-3/4VFN-P<br>MW-1/4+1/2VFN-PI<br>MW-1/4+1/2VFNPIH<br>MW-1/4VFNPIHL<br>MW-1/2VFNPIH<br>MW-ATH14<br>MW-ATH38 | 55002-6<br>55003-3<br>55005-7<br>55004-0<br>55070-5<br>55070-5<br>55072-9<br>50014-4<br>50015-1 | NA<br>NA<br>NA<br>NA<br>NA<br>S<br>3<br>3 | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>8<br>18 | 1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/2"(12.7mm)<br>3/4"(19.05mm)<br>1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/4"(6.35mm)<br>1/2"(12.7mm)<br>fits 1/4" NPT<br>fits 3/8" NPT | 3/8°(9.53mm)<br>7/8°(22.23mm)<br>7/8°(22.23mm)<br>1-3/16°(30.17mm)<br>3/8°(9.53mm)<br>7/8°(22.23mm)<br>7/8°(22.23mm)<br>7/8°(22.23mm)<br>7/8°(22.23mm) | 0.075°(1.905mm)<br>0.075°(1.905mm)<br>0.150°(2.286mm)<br>0.075°(1.905mm)<br>0.075°(1.905mm)<br>0.075°(1.905mm)<br>0.075°(1.905mm)<br>0.075°(1.905mm)<br>0.090°(2.286mm) |

|               | MW-R-78-P | 55041-5 | NA | 1 | Rivet Size<br>3/16" x 7/8" | Color<br>plain | Rivet Size<br>aluminum trifold |
|---------------|-----------|---------|----|---|----------------------------|----------------|--------------------------------|
| <b>Rivets</b> | MW-R-78-W | 55042-2 | NA | 1 | 3/16" x 7/8"               | white          | aluminum trifold               |
|               | MW-R-10-P | 55043-9 | NA | 1 | 3/16" x 1"                 | plain          | aluminum trifold               |
|               | MW-R-10-W | 55044-6 | NA | 1 | 3/16" x 1"                 | white          | aluminum trifold               |

| Aluminum Fence<br>Nibbler                          | <b>Model No.</b><br>MW-ALFN | UPC<br>Code<br>7-27226<br>55020-0 | Cutting Width<br>Per Stroke<br>L&&"(1&51mm)                | Cutting Depth<br>Per Stroke<br>0.125"(3.175mm)  | Wall Thickness Capacity<br>0.080°(2.032mm) aluminum  |
|--|-----------------------------|-----------------------------------|--|---|--|
| Aluminum Fence<br>Notchers                         | MW-1/4AFN<br>MW-1/4X7/8AFN  | 55074-3<br>55075-0                | <b>Snap Lock Tab Width</b><br>1/4"(6.35mm)<br>1/4"(6.35mm) | Throat Depth<br>9/16"(14.31mm)<br>7/8"(22.23mm) | 0.080"(2.032mm) aluminum<br>0.080"(2.032mm) aluminum |
| Aluminum Fence<br>Rail End Clipper<br>Handles Only | MW-ALREC-I                  | 55021-7                           | Requires interchangeable                                   | e head from list below spec                     | tific to fence brand and type/model.                 |

|                         | Model No.    | UPC Code<br>7-27226 | Fence Brand       | Fence Type             | Notch Cut Dimension (HxL)     |
|-------------------------|--------------|---------------------|-------------------|------------------------|-------------------------------|
|                         | MW-ALREC-IA  | 55024-8             | Delgard           | Residential            | 3/16"(4.77mm) x 3/4"(19.05mm) |
|                         | MW-ALREC-IA  | 55024-8             | Jerith            | Residential            | 3/16"(4.77mm) x 3/4"(19.05mm) |
|                         | MW-ALREC-IB  | 55025-5             | Delgard           | Commercial             | 1/4"(6.35mm) x 3/4"(19.05mm)  |
|                         | MW-ALREC-IB  | 55025-5             | Elite             | Residential            | 1/4"(6.35mm) x 3/4"(19.05mm)  |
|                         | MW-ALREC-IB  | 55025-5             | OnGuard           | Residential            | 1/4"(6.35mm) x 3/4"(19.05mm)  |
|                         | MW-ALREC-IB  | 55025-5             | OnGuard           | Commercial             | 1/4"(6.35mm) x 3/4"(19.05mm)  |
|                         | MW-ALREC-IB  | 55025-5             | SpecRail          | Residential            | 1/4"(6.35mm) x 3/4"(19.05mm)  |
|                         | MW-ALREC-IC  | 55026-2             | Ideal             | Residential            | 3/16"(4.7mm) x 3/4"(19.05mm)  |
|                         | MW-ALREC-ID2 | 55027-9             | Ideal             | Commercial             | 3/4"(4.77mm) x 3/4"(4.77mm)   |
|                         | MW-ALREC-ID2 | 55027-9             | Jerith            | Commercial             | 3/4"(4.77mm) x 3/4"(4.77mm)   |
|                         | MW-ALREC-IE  | 55029-3             | Elite             | Industrial             | 1/4"(6.35mm) x 3/4"(19.05mm)  |
|                         | MW-ALREC-IE  | 55029-3             | Jerith            | Industrial             | 1/4"(6.35mm) x 3/4"(19.05mm)  |
|                         | MW-ALREC-IE  | 55029-3             | SpecRail          | Industrial             | 1/4"(6.35mm) x 3/4"(19.05mm)  |
| Aluminum Fence          | MW-ALREC-IE  | 55029-3             | Ultra             | Commercial             | 1/4"(6.35mm) x 3/4"(19.05mm)  |
| Rail End Clipper        | MW-ALREC-IE  | 55029-3             | Ultra             | Industrial             | 1/4"(6.35mm) x 3/4"(19.05mm)  |
| Heads Only              | MW-ALREC-IF  | 55030-9             | American          | Residential            | 1/4"(6.35mm) x 3/4"(19.05mm)  |
| US Patent 7637017       | MW-ALREC-IF  | 55030-9             | Delgard           | Aero                   | 1/4"(6.35mm) x 3/4"(19.05mm)  |
| NOTE: All clipper heads | MW-ALREC-IG  | 55031-6             | Ideal             | Industrial             | 3/8"(9.53mm) x 3/4"(19.05mm)  |
| require                 | MW-ALREC-IH  | 55032-3             | AlumiGuard        | Industrial             | 3/8"(9.53mm) x 3/4"(19.05mm)  |
| handles MW-ALREC-I.     | MW-ALREC-IJ  | 55033-0             | AlumiGuard        | Municipal              | 1/4"(6.35mm) x 3/4"(19.05mm)  |
| All heads are           | MW-ALREC-IJ  | 55033-0             | Royal             | Residential            | 1/4"(6.35mm) x 3/4"(19.05mm)  |
| interchangeable in      | MW-ALREC-IJ  | 55033-0             | Royal             | Commercial             | 1/4"(6.35mm) x 3/4"(19.05mm)  |
| handles MW-ALREC-I.     | MW-ALREC-IJ  | 55033-0             | SpecRail          | Commercial             | 1/4"(6.35mm) x 3/4"(19.05mm)  |
|                         | MW-ALREC-IJ  | 55033-0             | SpecRail          | Commercial             | 1/4"(6.35mm) x 3/4"(19.05mm)  |
|                         | MW-ALREC-IK  | 55034-7             | Delgard           | Resi/Aero              | 3/16"(4.77mm) x 3/4"(19.05mm) |
|                         | MW-ALREC-IL  | 55035-4             | Elite             | Commercial             | 1"(25.4mm) x 3/8"(9.53mm)     |
|                         | MW-ALREC-IM  | 55036-1             | Merchants Metal   | VSP                    | (cuts step and punches hole)  |
|                         | MW-ALREC-IN  | 55037-8             | American          | Commercial             | 1/4"(6.35mm) x 3/4"(19.05mm)  |
|                         | MW-ALREC-IO  | 55045-3             | Ameristar Echelon | Residential            | 3/16"(4.77mm) x 3/4"(19.05mm) |
|                         | MW-ALREC-IR  | 55046-0             | Radiance          | Residential            | 1/8"(3.175mm) x 3/4"(19.05mm) |
|                         | MW-ALREC-IR  | 55046-0             | Sentinel          | Residential            | 1/8"(3.175mm) x 3/4"(19.05mm) |
|                         | MW-ALREC-IS  | 56064-3             | Nat'l Fence Syst. | Residential            | 5/16"(7.95mm) x 3/4"(19.05mm) |
|                         | MW-ALREC-IT  | 56065-0             | Nat'l Fence Syst. | Commercial             | 5/16"(7.95mm) x 3/4"(19.05mm) |
|                         | MW-ALREC-IU  | 55038-5             | Ultra             | Residential            | 1/4"(6.35mm) x 3/4"(19.05mm)  |
|                         | MW-ALREC-IV  | 56066-7             | Nat'l Fence Syst. | Industrial             | 5/16"(7.95mm) x 3/4"(19.05mm) |
|                         | MW-ALREC-IW  | 13037-2             | AlumiGuard        | Imperial               | 3/8"(9.53mm) x 3/4"(19.05mm)  |
|                         | MW-ALREC-IX  | 13038-9             | AlumiGuard        | Residential/Commercial | 1/4"(6.35mm) x 3/4"(19.05mm)  |
|                         | MW-ALREC-DHP | 55028-6             | Digger            | (hole punch)           | (hole punch head)             |
|                         |              |                     |                   |                        |                               |

NOTE: Fence brand and model profiles are specific to the rail clipper head even though notch dimension may be the same. (Example: An MW-ALREC-IB and an MW-ALREC-IF clip the same dimension notch cut, however each is designed for a different fence profile.)



#### FENCE LAYOUT ACCESSORIES



#### Shelf Pk Qty. 4 Master Carton Qty. 16

MW-CBCLMP Cable Clamp

Cast malleable iron with 1000 lb. pull capacity up to 5/16" (8.0mm) diameter cable. Cam action ensures tight lock. Spring-loaded with large eyehole for guick connect to com-a-long. Zinc plating resists rust. Made in Taiwan. UPC: 7 27226 55017 0



#### Master Carton Qty. 1

1/8" (3.2mm) diameter steel cable on shatter and temperature resistant thermoplastic reel. Hand slide mechanism and swivel handle re-winds marking cable quickly and easily. Cables marked for 5"(127.0mm) post width on 8'(2.4m) centers. Assembled in USA.

250'(76.25m) Steel Marking Cable - MW-SMC250 UPC: 7 27226 55015 6 500'(152.5m) Steel Marking Cable - MW-SMC500 UPC: 7 27226 55016 3

**RIVETS** 



### **STANDARD MANUAL RIVET GUN MODEL**



## Master Carton Qty. 1

#### 4 Tip Manual Rivet Gun - MW-HP2

Four interchangeable nosepieces for 3/32" (2.37mm), 1/8" (3.175mm), 5/32" (3.95mm), and 3/16" (4.77mm) diameter aluminum, copper, steel, or stainless steel rivets. Heavy-duty model. Molded grips comfort user's hand. UPC: 7 27226 50038 0

### **ALUMINUM TRIFOLD RIVETS**



Master Carton Qty. 1 500 Count

Low shear aluminum trifold type rivets require less than 500 pounds pull strength. Stocked in plain and white. Other colors available upon request.

3/16"x1" Aluminum Rivets - Plain - MW-R-10-P UPC: 7 27226 55043 9 3/16"x1" Aluminum Rivets - White - MW-R-10-W UPC · 7 27226 55044 6

#### MANUAL





#### MW-41001 10.0 fl.oz. / 7:1 Wexford® Steel Caulk Gun Use for low to medium viscosity materials. Wear compensating device. Retractable seal puncturing device. Metal with epoxy finish. Hex drive rod. Built-in ladder hook. Steel

catch plate. Made in UK. UPC: 7 27226 50062 5



#### Use for low to medium viscosity materials. Retractable seal puncturing device. Corrosion resistant. Hex drive rod. Built-in ladder hook. Steel catch plate. Automatic dripless feature. Made in UK. UPC: 7 27226 50063 2

MW-21001 10.0 fl.oz. / 7:1 Wexford II® Nylon Fiberglass Caulk Gun



MW-41004 10.0 fl.oz. / 12:1 Chilton® Steel Caulk Gun Use for medium to high viscosity. Rotating barrel for corners. Wear compensating device. Patented sintered steel catch plate. Built-in ladder hook. High volume usage. Thumb activated instant pressure release. Made in USA\_UPC • 7 27226 50065 6

| 7          | Cies: |
|------------|-------|
| MW-41004XT |       |

#### MW-41004XT 10.0 fl.oz. / 18:1 Chilton® Steel Caulk Gun

Extra thrust. Use for high viscosity materials. Wear compensating device. Built-in ladder hook. Patented sintered steel catch plate. Barrel turns for corners. Medium- high viscosity materials. Thumb activated instant pressure release. Made in USA. UPC: 7 27226 50066 3

#### **KNIFE & KNIFE BLADES**

UPC: 7 27226 50044 1

UPC: 7 27226 50045 8 Heavy-duty. 0.025" (0.63mm) thick steel.

Made in USA

**CAULK GUNS** 

#### **RETRACTABLE KNIFE**



#### MW-RO1 Retractable Knife

Heavy-duty die cast handle with comfortable grip. Design prevents blade from pushing up through handle under extreme pressure. Spring-loaded thumb switch adjusts blades to four cutting positions and retracts for safe locking. Includes three blades. Made in USA UPC · 7 27226 50043 4

#### **REGULAR BLADES**

HADE IN

NADE IN





MW-2SQH5 5 Pack Hook (Square Hole) Blades UPC: 7 27226 50046 5 MW-2SQH100 100 Pack Hook (Square Hole) Blades UPC: 7 27226 50047 2 Heavy-duty .025" (0.635mm) thick steel. Made in USA

MW-2SB5 5 Pack Standard Utility Blades

MW-2SB50 50 Pack Standard Utility Blades

MW-2SOH5

MW-2585





HOOK BLADES



#### Saw Blades



MW-RB65058

MW-RB618

#### MW-RB65058 6" / 6TPI Demolition Blade UPC: 7 27226 56014 8

MW-RB618 6" / 18TPI Heavy Gauge Sheet Metal Blade UPC: 7 27226 56015 5

MW-RB624 6" / 24TPI Light Gauge Sheet Metal Blade UPC: 7 27226 56016 2

Extra tough. Fits all reciprocating saws. 8% cobalt edge offers more wear resistance. Made in USA.



## **MW-100397** Titanium Carbide Tipped Saw Blade 7 1/4"(184mm) Titanium Carbide Tipped Saw Blade for cutting

Thin Steel. Made in USA. UPC: 7 27226 56017 9



#### MW-26370 Steel Plywood Saw Blade 7 1/4"(184mm) Titanium Carbide Tipped Saw Blade for cutting Thin Steel. Made in USA. UPC: 7 27226 56018 6



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#### **Drill Bits & Jobbers**

1/8" x 2" Double Ender Drill Bit - MW-DE18 Black oxide coated. Utilize both ends. 118 point starts drilling immediately. UPC: 7 27226 56001 8

1/8" x 2-3/4" Jobber Drill Bit - MW-FJ 18 Black oxide coated. Heavy-duty M1 through-hardened tool steel UPC: 7 27226 56004 9

#### #30 x 2" Double Ender Drill Bit - MW-DE30 Statement Street Street drilling immediately.

Black oxide coated. Utilize both ends. 118 point starts UPC: 7 27226 56002 5

#### Tools

Handle

Handle







#### Nail Puller - MW-NP12G 12" Nail Puller UPC: 7 27226 50034 2



#### 6 in 1 Screwdriver - MW-R6N1 6 in 1 Screwdriver UPC: 7 27226 50039 7

#### **Measuring Tools**



#### 30' Retracting Measuring Tape - MW-RC130

High quality tape measure with impact resistant chrome case, yellow blade with graduated red and black 1/16" increments and stud marks 16" apart. Durable steel blade has self-adjusting notched end, nail hole slot, locking mechanism and belt clip. UPC: 7 27226 50030 4



#### 100' Neon Measuring Tape - MW-R100P

3/8" (9.5mm)tape width in 1/8" measuring units. Closed reel handwind in tough ABS plastic case. Thick steel blade with epoxy polycoat. Meets or exceeds GSA specifications. Made in USA. UPC: 7 27226 50027 4



Superbar 15" - MW-B215

16 oz. Hammer - MW-FS99

16 oz. Claw Hammer w/ Fiberglass

20 oz. Hammer - MW-FS999 20 oz. Claw Hammer w/ Fiberglass

15" (381.0mm) Pry Bar UPC: 7 27226 50032 8

UPC: 7 27226 50035 9

UPC: 7 27226 50036 6



#### **Strap and Band Cutting**

| Shelf Pk | Qty.                                 | 6   | Master Carton   | Qty.                | 36  |  | Shelf Pk Q | ty.                     | 1                                | Master Carton (                      | )ty. | 4   |
|----------|--------------------------------------|---|---|---------------------|-----|--|------------|-------------------------|----------------------------------|--------------------------------------|------|-----|
|          | • Us<br>• Cu<br>• Bo<br>• St<br>• No | VT-e<br>se in<br>uts S<br>otton<br>ceel S<br>omin | <b>cutter</b><br>5510U<br>Left Hand<br>iteel, Nylon,<br>n blade wed<br>Strapping up<br>al Length :<br>27226 13121 | ge<br>to 3<br>10.0" | /4" |  |            | Br<br>BB<br>S S<br>Stra | eak<br>1<br>trap<br>trap<br>trap | s<br>ng up to 2"<br>gth : 19 .0"(482 | 2.6m | ım) |

#### **Cable Cutter**

Shelf Pk Qty. 3 Master Carton Qty. 18



#### **Cable Cutter MWT-6300**

• Use in either hand

- Compound leverage handle action.
- Use to cut wire rope cable, spring hardened wire, mild steel rod

• Cuts hardened round diameter materials up to 5/32" (4mm) • Nominal Length : 9.0"(228.6mm)

UPC: 7 27226 63100 8





STAINLESS WIRE ROPE SPRING/HARD WIRE MILD STEEL ROD

Up to 1/8" (3.175mm) Up to 3/32" (2.4mm) Up to 1/8" (3.175mm)

|                     | Model No.  | UPC<br>Code<br>7-27226 | Shelf<br>Pack<br>Qty. | Master<br>Carton<br>Qty. |                 |         |   |
|---------------------|------------|------------------------|-----------------------|--------------------------|-----------------|---------|---|
| Fence               | MW-CBCLMP  | 55017-0                | 4                     | 16                       |                 |         |   |
| Layout Tools        | MW-SMC250  | 55015-6                | N/A                   | 1                        |                 |         |   |
|                     | MW-SMC500  | 55016-3                | N/A                   | 1                        |                 |         |   |
| Manual<br>Rivet Gun | MW-HP2     | 55038-0                | 3                     | 18                       | •••••           | ••••    |   |
| •••••               | •••••      | •••••                  | ••••                  | •••••                    | Rivet Size      | Color   | Rivet Size                              |
| Rivets              | MW-R-10-P  | 55043-9                |                       | 1                        | 3/16" x 1"      | Plain   | aluminum trifold                        |
|                     | MW-R-10-W  | 55044-6                |                       | 1                        | 3/16" x 1"      | White   | aluminum trifold                        |
|                     |            | • • • • • • •          | • • • • •             |                          | • • • • • • • • | • • • • |   |
| Manual              | MW-41001   | 50062-5                | 3                     | 12                       |                 |         |   |
| Caulk Guns          | MW-21001   | 50063-2                | 3                     | 12                       |                 |         |   |
|                     | MW-41004   | 50065-6                | 2                     | 6                        |                 |         |   |
|                     | MW-41004XT | 50066-3                | 2                     | 6                        |                 |         |   |
|                     |            | • • • • • • •          | • • • • •             |                          |                 | • • • • |   |
| Knife &             | MW-R01     | 50043-4                | 10                    | 1                        |                 |         |   |
| Knife Blades        | MW-2SB5    | 50044-1                | 10                    | 1                        |                 |         |   |
|                     | MW-2SB50   | 50045-8                | 6                     | 1                        |                 |         |   |
|                     | MW-2SQH5   | 50046-5                | 10                    | 1                        |                 |         |   |
|                     | MW-2SQH100 | 50047-2                | 6                     | 1                        |                 |         |   |
| •••••               |            | •••••                  | ••••                  | •••••                    | •••••           | ••••    | ••••••••••••••••••••••••••••••••••••••• |
| Saw Blades          | MW-RB65058 | 56014-8                | 3                     | 18                       |                 |         |   |
|                     | MW-RB618   | 56015-5                | 3                     | 18                       |                 |         |   |
|                     | MW-RB624   | 56016-2                | 3                     | 18                       |                 |         |   |
|                     | MW-100397  | 56017-9                |                       |                          |                 |         |   |
|                     | MW-26370   | 56018-6                |                       |                          |                 |         |   |

|                |           |         |         |    | Туре         | Diameter            | Length                                  |
|----------------|-----------|---------|---------|----|--------------|---------------------|---|
| Drill Bits     | MW-DE18   | 56001-8 | 3       | 18 | Double-Ender | 1/8" (3.18mm)       | 2" (50.8mm)                             |
| & Jobbers      | MW-FJ18   | 56004-9 | 3       | 18 | Jobber       | 1/8" (3.18mm)       | 2-3/4" (69.85mm)                        |
|                | MW-DE30   | 56002-5 | 3       | 18 | Double-Ender | #30-0.1285"(3.26mm) | 2" (50.8mm)                             |
| •••••          | MW-B215   | 50032-8 | 3       | 18 | •••••        | •••••               |   |
| Tools          | MW-FS99   | 50035-9 | 3       | 18 |              |                     |   |
|                | MW-FS999  | 50036-6 | 3       | 18 |              |                     |   |
|                | MW-NP12G  | 50034-2 |         |    |              |                     |   |
|                | MW-R6N1   | 50039-7 |         |    |              |                     |   |
|                | MW-RC130  | 50030-4 |         |    |              |                     |   |
| easuring Tools | MW-R100P  | 50027-4 |         |    |              |                     |   |
| •••••          |           |         | • • • • |    |              |                     | • |
| Strap & Band   | MWT-6510U | 13121-8 | 3       | 18 |              |                     |   |
| Cutting        | MWT-BB1   | 13120-1 | 3       | 18 |              |                     |   |
| Cable Cutter   | MWT-6300  | 63100-8 | 3       |    | •••••        | •••••               | ••••••••••••••••••••••••••••••••••••••• |



| MAM-1021         MAM-1021         S4         MAM-1021         M   | MIDWEST                    |    |              |     |            |   |              |       | PART NUMBER       | QUICK RE |
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| INVELAX/JBA/H7MW-4X/JBA/H54MW-4/27,18MVT-5716A2.9MVT-5063MW-10X121051MW-4X08151MW-4X0285MVT-5716A15MVT-5103MW-10X121051MW-4X08152MW-4X0285MVT-5716B15MVT-51163MW-1172VFBN67MW-4L0C7MW-4L085MVT-6716B13MVT-51183MW-1172VFBN61MW-4L8C-0HP7MW-4L107MVT-6716B13MVT-51183MW-1172VFBN61MW-4L8C-0HP79MW-4L107MVT-6705B14MVT-515B3MW-1172WFBN64MW-4L8C-0HP79MW-4L107MVT-6705B17MVT-515B3MW-1172WFBN64MW-4L8C-0HP79MW-4L107MVT-6705B17MVT-515B3MW-1172WFBN64MW-4L8C-0HP79MW-4L8C-0HP7MVT-5005B17MVT-5505B3MW-1202W64MW-4L8C-0HP79MW-4L8C-0HP7MVT-5005B17MVT-5505B3MW-202WFB65MW-4L8C-0HP79MW-4L8C-0HP7MVT-5005B16MVT-5505B3MW-202WFB64MW-4L8C-0HP79MW-4L8C-0HP7MVT-5505B34MW-202WFB65MW-4L8C-0HP79MW-4L8C-0HP7MWT-5505B34MW-202WFB65MW-4L8C-0HP79MW-4L8C-0HP </td <td></td> <td></td> <td>MW-8X345</td> <td></td> <td>MW-H1</td> <td></td> <td></td> <td></td> <td></td> <td></td>   |                            |    | MW-8X345     |     | MW-H1      |   |              |       |                   |          |
| INV-10397MM-3024PWSMM-3056AfMM-4056AfMM-40747.68NoNoMM-3050BMM-101210S4MM-A142MM-P126BSMM-F471.6815MM-751.9BMM-1112787NG7MM-41M42MM-P126BSMM-F471.6813MM-751.98BMM-1112787NG7MM-41BC-0H79MM-R10PBSMM-F471.6813MM-751.98BMM-1210S4MM-41BC-0H79MM-R10PB2MM-F67520MM-751.98BMM-1210S4MM-44BC-0H79MM-R10PB2MM-7675.020MM-75.98BMM-12010S4MM-44BC-0H79MM-81.0PB2MM-7600.0017MM-75.90BMM-12010S4MM-44BC-0H79MM-81.0PB2MM-7600.0017MM-75.90BMM-20270S4MM-44BC-0H79MM-82.0P73MM-777023MM-75.80BMM-2350100S4MM-44BC-0H79MM-82.0P73MM-74.2424MM-75.80BMM-2350100S4MM-44BC-0H79MM-82.0P73MM-74.2424MM-75.80BMM-2350100S4MM-44BC-0H79MM-82.0P73MM-74.2474MM-75.80BMM-2350100S4MM-44BC-0H79MM-82.0P73MM-74.2474MM-75.80BMM-2350100S4MM-44BC-0H79   |                            |    | MW-8X3450    |     | MW-HP2     |   | MWT-6716A    |       | MWT-S059 35       |          |
| MAN-LOX 210SAMAV-ARC 3MAV-ARC 4SFMAV-F126SFMAV-F126SFMAV-F126SFMAV-F126SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F128SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127SFMAV-F127MAV  |                            |    | MW-8X34PW5   |     | MW-LSG     | the second se |              |       |                   |          |
| MM-MCMSAH0<br>MM-ALMEC-MPG2MM-MPI2GB3MM-TGTREB1MM-TS1B3MM-1-12/VFBM-R1<br>MM-ALREC-MP70MM-MO10B3MM-FGTRE13MM-TS1B3MM-1-12/VFBM-R1<br>MM-ALREC-MP70MM-ALOP73MM-FGTRE20MM-TS1B3MM-12/D884MM-ALREC-MP79MM-ALOP73MM-FGTSD20MM-TS1B3MM-12/D884MM-ALREC-MP79MM-FLOP73MM-FGDR17MM-TS3B3MM-202084MM-ALREC-MP79MM-FLOP73MM-FGDR73MM-FGDR73MM-FGDR73MM-FGDR73MM-FGDR73MM-FGDR73MM-FGDR73MM-FGDR73MM-FGDR73MM-FGDR73MM-FGDR73MM-FGDR73MM-FGDR73MM-FGDR73MM-FGDR73MM-FGDR74MM-FGDR73MM-FGDR74MM-FGDR73MM-FGDR74MM-FGDR <t< td=""><td></td><td></td><td>MW-8X581</td><td></td><td>MW-MIC</td><td></td><td>MWT-6716B</td><td></td><td>MWT-S09 35</td><td></td></t<>  |                            |    | MW-8X581     |     | MW-MIC     |   | MWT-6716B    |       | MWT-S09 35        |          |
| MW4-1-TYVFRNR         O/V         MW4-AIP         P/V         MW4-R0P         B3         MW1-6716         B3         MW1-5158         B3           MW1-120         S4         MW4-ABEC-AU         P/V         MW4-R0P         B3         MW1-6750         2         MW1-5158         B3           MW1-120         S4         MW4-ABEC-AU         P/V         MW4-R0P         B2         MW1-6750         2         MW1-5158         B3           MW1-120         S4         MW4-ABEC-AU         P/V         MW4-R0P         B2         MW1-6750         20         MW1-556         B3           MW22001         S3         MW4-ABEC-AU         P/V         MW4-R0P         P3         MW4-R0P         P3         MW1-6900K         17         MW1-556         B3           MW2205         S3         MW4-ABEC-AU         P9         MW4-R0P         P3         MW1-6900K         P3         MW1-556         B3         MW1-556         B3         MW1-556         B3         MW1-800K         P3         MW1-556         B3         <  |                            |    | MW-A1        |     | MW-NP12G   |   | MWT-6716L    |       |                   |          |
| MW-112VFRN-R1<br>MV-14PC-DPRFMV-A1RPC-APPFMV-A1RPC-APPFMV-A1RPC-APPFMV-A1RPC-APPFMV-A1RPC-APPFMV-A1RPC-APPFMV-A1RPC-APPFMV-A1RPC-APPFMV-A1RPC-APPFMV-A1RPC-APPFMV-A1RPC-APPFFMV-A1RPC-APPFFF  |                            |    | MW-ALFN      |     | MW-R01     |   | MWT-6716R    |       |                   |          |
| NM-1210NM-ALRECIA79NM-R-10P73NM-Te7S20NM-TSS33NM-120064NM-ALRECIA79NM-R-10P62NMT-59071NMT-52033NM-2100183NM-ALRECIC79NM-R-10P62NMT-690017NMT-53635NM-2100183NM-ALRECIC79NM-R-10P73NMT-690017NMT-55935NM-250784M-ALRECIC79NM-R0XP73NMT-690017NMT-55935NM-250883NM-ALRECIA79NM-R0XP73NMT-620073NMT-55935NM-250H0083NM-ALRECIA79NM-R0XP73NMT-62074NMT-55935NM-250H0083NM-ALRECIA79NM-R0XP73NMT-62074NMT-5591035NM-250H0083NM-ALRECIA79NM-R0XP84NMT-62074NMT-5591014NM-250H0083NM-ALRECIA79NM-R0XP84NMT-8010160NMT-5591014NM-250H0164NM-ALRECIA79NM-R0XP82NMT-8010161NMT-5591114NM-250H1064NM-ALRECIA79NMT-801082NMT-80101414NM-250H1064NM-ALRECIA79NMT-801082NMT-8010141414NM-250H1064NM-ALRECIA79NMT-107023NMT-801014 <t< td=""><td></td><td></td><td>MW-ALREC-DHP</td><td></td><td>MW-R100P</td><td>85</td><td>MWT-6716S</td><td>13</td><td>MWT-S15BK 35</td><td></td></t<>  |                            |    | MW-ALREC-DHP |     | MW-R100P   | 85  | MWT-6716S    | 13    | MWT-S15BK 35      |          |
| NM-1275NM-ALREC-R79NM-R1-0-P82NM-T-675070NM-T-52633NM-2010183NM-ALREC-R79NM-R1-0-W82NMT-690017NMT-55035NM-2637084NM-ALREC-R79NM-R62KP73NMT-690017NMT-55K35NM-2637084NM-ALREC-R79NM-R62KP73NMT-690017NMT-55K35NM-255083NM-ALREC-R79NM-R62KP73NMT-75K23NMT-55K36NM-255016083NM-ALREC-R79NM-R62KP73NMT-75K23NMT-55K36NM-250H5083NM-ALREC-R79NM-R62KP73NMT-75KP36NMT-55KF36NM-250H583NM-ALREC-R79NM-R62KP82NMT-81LDKT0760NMT-55KF36NM-250H583NM-ALREC-R79NM-R62KP82NMT-81LDKT0761NMT-55KF36NM-247KN-R69NM-ALREC-R79NMT-50K82NMT-81LDKT0761NMT-55KF36NM-347KN-R69NM-ALREC-R79NMT-50K82NMT-75K41NMT-55KF36NM-447KN-R69NM-ALREC-R79NMT-10K70NMT-67K37NMT-55KF36NM-447KN-R69NMT-ALREC-R79NMT-10K70NMT-55KF36NMT-55KF36NM-447KN-R69NMT-10K79NMT-10K </td <td></td> <td></td> <td>MW-ALREC-IA</td> <td></td> <td>MW-R-10-P</td> <td>73</td> <td>MWT-67S</td> <td>20</td> <td>MWT-S1BK 33</td> <td></td>   |                            |    | MW-ALREC-IA  |     | MW-R-10-P  | 73  | MWT-67S      | 20    | MWT-S1BK 33       |          |
| MW-12DUBMW-ALREC-CC79MW-R-10-W73MW-T-50071MW-T-55033MW-210784MW-ALREC-D279MW-R-20X073MWT-69D077MWT-55035MW-255583MW-ALREC-L779MW-R-8185MWT-7223MWT-550K33MW-250784MW-ALREC-L779MW-R-8187MWT-7223MWT-55K33MW-250783MW-ALREC-L779MW-R-8187MWT-8223MWT-55K35MW-250784MW-ALREC-L779MW-R-8184MWT-8186MWT-55K35MW-250784MW-ALREC-L779MW-R-8584MWT-81DLKT060MWT-55K1K14MW-2VTRN-R065MW-ALREC-L779MW-R-8582MWT-1061MWT-55K1K14MW-30VFN-R165MW-ALREC-L779MW-10223MWT-1061MWT-55K1K14MW-30VFN-R165MW-ALREC-L779MWT-10223MWT-1070MWT-55K1K14MW-400484MW-ALREC-L779MWT-10223MWT-10270MWT-10270MWT-10270MWT-10270MWT-10270MWT-10270MWT-10270MWT-10270MWT-10270MWT-10270MWT-10270MWT-10270MWT-10270MWT-10270MWT-10270MWT-10270MWT-10270<  |                            |    | MW-ALREC-IB  | 79  | MW-R-10-P  | 82  | MWT-67SD     | 20    | MWT-S2 33         |          |
| NW21001NW-ALRC-DQ79NW-4P-10-W82NWT-6900R71NWT-S535NW-2637084NW-ALRC-DQ79NWAR62X6P73NMT-75023NMT-S5K135NW-255083NW-ALRC-L79NW-R7-PP73NMT-77023NMT-S6K133NW-25010084NW-ALRC-L79NW-R61184NWT-22NMT-56K133NW-25015083NW-ALRC-L79NW-R62484NWT-8266NWT-59K135NW-2VFRN67NW-ALRC-L79NW-R62484NWT-8ULNT0060NWT-59K135NW-2VFRN67NW-ALRC-L79NW-R6250884NWT-8ULNT0061NWT-59K114NW-2VFRN67NW-ALRC-L79NW-R6250882NWT-8ULNT0061NWT-59K114NW-2VFRN67NW-ALRC-L79NW-R6250882NWT-8ULNT0061NWT-59K114NW-2VFN69NW-ALRC-L79NWT-1082NWT-1061NWT-55K114NW-3VFNF169NW-ALRC-L79NWT-1023NWT-1083NWT-55K114NW-100483NW-ALRC-L79NWT-1023NWT-1283NWT-15K13514NW-100484NW-ALRC-L79NWT-1024NWT-1284NWT-15K13514NW-202884NW-ALRC-L79NWT-1027NWT-10   |                            |    | MW-ALREC-IC  | 79  | MW-R-10-W  | 73  | MWT-6900L    | 17    | MWT-S36 33        |          |
| NW-2637084NW-ALRC-IPC79NW-R6X1673NVM-F6H77NVM-F6H77NVM-F6H77NVM-F5H73NW-2385083NW-ALRC-IRC79NW-R6N185NUM-T7C23NVM-T5G33NW-25910083NW-ALRC-IRC79NW-R6N174NVM-T6H7212NVM-T5G33NW-25015083MW-ALRC-IRC79NW-R62484NVT-R4U74NVM-T5G34NW-20FRN67MW-ALRC-IRC79NW-R62484NVT-R4U74NVT-S951014NW-20FRN67MW-ALRC-IRC79NW-R62484NVT-BULDKIT0160NVT-S951014NW-20FRN67MW-ALRC-IRC79NW-R62484NVT-BULDKIT0160NVT-S951014NW-20FRN67MW-ALRC-IRC79NW-R62484NVT-BULDKIT0160NVT-S951014NW-20FRN67MW-ALRC-IRC79NW-R62484NVT-BULDKIT016114 <t< td=""><td></td><td></td><td>MW-ALREC-ID</td><td></td><td>MW-R-10-W</td><td></td><td>MWT-6900R</td><td>17</td><td>MWT-S5 35</td><td></td></t<>  |                            |    | MW-ALREC-ID  |     | MW-R-10-W  |   | MWT-6900R    | 17    | MWT-S5 35         |          |
| NW-25B583NW-AREC-IE79NW-RN185NW-77D032NWT-55BX33MW-25QH0083NW-AREC-IE79NM-R-78-W73NWT-87S23NWT-55BX33MW-25QH5083MW-AREC-IE79MW-R61884NWT-18160NWT-5935MW-25QH567MW-AREC-IE79MW-R61884NWT-18160NWT-5935MW-25QH567MW-AREC-IE79MW-R650884NWT-181LDK10360NWT-556510E14MW-304VFN-PI67MW-AREC-IE79MW-R050082NWT-181LDK10361NWT-556510E14MW-304VFN-PI69MW-AREC-IE79MW-R050082NWT-181LDK10361NWT-556510E14MW-304VFN-PI69MW-AREC-IE79MWT-10023NWT-12081MWT-556510E14MW-4100483MW-AREC-IE79MWT-10023MWT-1281MWT-151E31MW-4100483MW-AREC-IE79MWT-10074MWT-1274MWT-1231MWT-1231MWT-1231   |                            |    | MW-ALREC-ID2 | 79  | MW-R62X6P  | 73  | MWT-6HB      | 37    | MWT-S59 35        |          |
| NW-2585083NM-ALREC-IF79NM-A-78-W73NMT-8723NMT-5633MW-25QH10083NM-ALREC-IF79NM-A-78-W73NMT-8186NMT-5633MW-25QH15083NM-ALREC-IF79NM-R61384NMT-8UL66NMT-596K35MW-2VFRN67MM-ALREC-IF79NM-R62484NMT-8ULDKIT0160NMT-596K035MW-34VFN65MM-ALREC-IF79NM-R625082NMT-8ULDKIT0261NMT-556716114MW-34VFN-RI66MM-ALREC-IF79NM-SC5082NMT-8ULDKIT0261NMT-556716114MW-34VFN-RI69MM-ALREC-IF79NM-ST6032NMT-10737NMT-5514MW-34VFN-RI69MM-ALREC-IF79NMT-10723NMT-10737NMT-5138MW-4100483MM-ALREC-IF79NMT-10727NMT-10737NMT-10734MW-4100483MM-ALREC-IF79NMT-1200K27.48NMT-HVACKIT050MT-104MW-6X38PV1054MM-ALREC-IF79NMT-1205K23.48NMT-HVACKIT050MT-104MW-6X38PV1054MM-ALREC-IF79MT-1205K27.48MT-HVACKIT050MT-104MW-702B64MM-ALREC-IF79MT-1205K27.48MT-HVACKIT050MT-104MW-712F75   |                            |    | MW-ALREC-IE  |     | MW-R6N1    |   | MWT-77D      |       | MWT-S5BK 35       |          |
| NW-2SQH10083MW-AREC-IG79MW-R-78.W73MW-T-20.WMW-T-20.W73MWT-58.C35MW-2VFRN67MW-AREC-IU79MW-R865084MWT-Bull MWT-Bull MCT60MWT-S98.L37MW-2VFRNA67MW-AREC-IK79MW-R865084MWT-Bull MLT60MWT-SS6510.14MW-34VFN65MW-AREC-IK79MW-R850082MWT-Bull MLT61MWT-SS6510.14MW-34VFN69MW-AREC-IK79MW-S0C50082MWT-Bull MLT81MWT-SS6716.14MW-34VFN-PI69MW-AREC-IK79MVT-10223MWT-DVS.L64MWT-SS6716.14MW-4100483MW-AREC-IK79MVT-10223MWT-DVS.L643838MW-41004XT84MW-AREC-IK79MVT-10227MWT-DVS.L74MVT-TND38MW-41004XT84MW-AREC-IK79MVT-12074MVT-HVACKITO58MVT-TND46MW-41004XT54MW-AREC-IK79MVT-12074MVT-HVACKITO58MVT-TND45MW-638PW1054MW-AREC-IK79MVT-12074MVT-HVACKITO58MVT-TND45MW-638PW1054MW-AREC-IK79MVT-12074MVT-HVACKITO50MVT-TND45MW-638PW1054MW-AREC-IK79MVT-12074MVT-HVACKITO50MVT-TND45   |                            |    | MW-ALREC-IF  |     | MW-R-78-P  |   | MWT-87S      |       | MWT-S6 33         |          |
| NW-2SQH583MW-AREC-IH79MW-Re52484MWT-B186MWT-59675MW-2VFRN-R67MW-AREC-IK79MW-Re506884MWT-BULKTO160MWT-59510.014MW-3VFN-R163MW-AREC-IK79MW-SM250082MWT-BULKTO361MWT-5956108.114MW-34VFN-R169MW-AREC-IK79MW-SM250082MWT-15ULKTO361MWT-5956168.114MW-34VFN-R163MW-AREC-IM79MW-SM250082MWT-12ULKTO364MWT-5956168.114MW-34VFN-R163MW-AREC-IM79MWT-1023MWT-12ULKTO364MWT-5957168.114MW-4100483MW-AREC-IM79MWT-12023MWT-12ULKTO364MWT-5238MW-41004X183MW-AREC-IM79MWT-120RW27MWT-12ULKTO384MWT-12ULKTO384MWT-12ULKTO384MW-638PW1054MW-AREC-IM79MWT-120RW27MWT-14ULKTO384MWT-17ULKTO384MWT-17ULKTO384MWT-17ULKTO384MWT-17ULKTO384MWT-17ULKTO384MWT-17ULKTO384MWT-17ULKTO384MWT-17ULKTO384MWT-17ULKTO384MWT-17ULKTO384MWT-17ULKTO384MWT-17ULKTO384MWT-17ULKTO384MWT-17ULKTO384MWT-17ULKTO384MWT-17ULKTO384MWT-17ULKTO384MWT-17ULKTO384MWT-17ULKTO384  |                            |    | MW-ALREC-IG  | 79  | MW-R-78-W  | 73  | MWT-A2       | 42    | MWT-S6BK 33       |          |
| NW-2VFRN<br>MW-2VFRN-RJ67MW-AREC-1U79MW-RB62484MWT-BULDKT0160MWT-S95K35MW-3VEVR-NF167MW-AREC-1K79MW-SNC25082MWT-BULDKT0361MWT-SS6510R14MW-3/4VFN-P169MW-AREC-1M79MW-SNC25082MWT-CT41MWT-SS6716R14MW-3/4VFN-P165MW-AREC-1M79MW-510223MWT-CT45MWT-SS6716R14MW-4100483MW-AREC-1R79MWT-107D23MWT-1737MWT-ST3138MW-4100483MW-AREC-1R79MWT-102OR27MWT-1237MWT-ST3138MW-4100483MW-AREC-1W79MWT-1200R27MWT-140CHT058MWT-TP0161MW-6X38PW1054MW-AREC-1W79MWT-1200R27MWT-140CHT058MWT-TP0251MW-6X38PW1054MW-AREC-1W79MWT-1200R27MWT-140CHT058MWT-TP0251MW-78VFPN-R167MW-AREC-1W79MWT-1200R27MWT-140CHT058MWT-TP0251MW-78VFPN-R167MW-AREC-1W79MWT-1200R27MWT-140CHT051MWT-TP0251MW-78VFPN-R167MW-AREC-1W79MWT-120S23MWT-140CHT051MWT-TP0251MW-78VFPN-R167MW-AREC-1W79MWT-120S23MWT-140CHT051MWT-TP02  |                            |    | MW-ALREC-IH  | 79  | MW-RB618   | 84  | MWT-BB1      | 86    | MWT-S9 35         |          |
| NMV-2VFRN-R167MVW-ALREC-IK79MVW-RBSOBSE84MVM-FULDKITO260MVM-TSS6510L14MVM-34VFN-PI65MVW-ALREC-IM79MVW-SMC25082MVM-TBULDKITO261MVM-SS65116L14MVM-34VFN-PI65MVW-ALREC-IM79MVM-SMC25082MVM-TCT41MVT-SS6716L14MVM-34VFN-PI65MVM-ALREC-IM79MVM-T0723MVM-TCT45MVM-ST46MVM-100483MVM-ALREC-IS79MVT-107S23MVM-T277MVT-ST37MVT-ST38MVM-41004XT84MVM-ALREC-IS79MVT-100R27MVT-120MVT-12077MVT-12074MVT-12074MVT-12074MVT-1115MVT-11046MVM-78VFPN67MVM-ALREC-IV79MVT-1200RV27MVT-14VCKITO58MVT-11046MVM-78VFPN67MVM-ALREC-IV79MVT-1200RV27MVT-14VCKITO58MVT-11046MVM-78VFPN67MVM-ALREC-IV79MVT-1200RV27MVT-14VCKITO58MVT-11047MVM-78VFPN67MVM-ALREC-IV79MVT-1200RV23MVT-14VCKITO58MVT-11047MVM-78VFPN67MVM-ALREC-IV79MVT-120FV23MVT-14VCKITO58MVT-11047MVM-78VFPN67MVM-ALREC-IV79MVT-120FV23MVT-110MVT-110MVT-  | MW-2VFRN                   |    | MW-ALREC-IJ  | 79  | MW-RB624   | 84  | MWT-BULDKITC | 1 60  | MWT-S9BK 35       |          |
| MW-3AVTN-P         60         MW-ALREC-IN         79         MW-S000         82         MWT-CS         61         MWT-S56716         14           MW-3/4VFN-RJ         65         MW-ALREC-IN         79         MWT102         82         MWT-CS         45         MWT-S56716         14           MW-3/4VFN-RJ         65         MW-ALREC-IN         79         MWT107         23         MWT-CT         45         MWT-ST         46           MW-41004         83         MW-ALREC-IS         79         MWT107         23         MWT-F12         37         MWT-ST         38           MW-41004XT         83         MW-ALREC-IT         79         MWT1200R         27         MWT-F2         37         MWT-ST         46           MW-6X38PW10         54         MW-ALREC-IV         79         MWT1200R         27         MWT-HVACKIT02         58         MWT-TND         46           MW-78VFPN         67         MW-ALREC-IW         79         MWT1200SV         27,48         MWT-HVACKIT02         58         MWT-NV         45           MW-7DVSPN-RJ         67         MW-ALREC-IX         79         MWT-127SV         23         MWT-HVACKIT02         58         MWT-NV         47  | MW-2VFRN-RJ                |    | MW-ALREC-IK  | 79  | MW-RB65068 | 84  | MWT-BULDKITC | 2 60  | MWT-SS6510L 14    |          |
| MW-3/4YFN-R1       65       MW-ALREC-IN       79       MW-T10       42       MWT-CT       45       MWT-SS6716R       14         MW-41001       83       MW-ALREC-IO       79       MWT-107D       23       MWT-DVSSL       46       MWT-ST       46         MW-41004       83       MW-ALREC-IR       79       MWT-107D       23       MWT-17       37       MWT-ST       38         MW-41004X       83       MW-ALREC-IR       79       MWT-1020       27       MWT-F1       37       MWT-ST       38         MW-6X38PW10       54       MW-ALREC-IT       79       MWT-1200RV       27       MWT-HVACKIT01       58       MWT-TND       46         MW-6X38PW10       54       MW-ALREC-IW       79       MWT-1200RV       27       MWT-HVACKIT01       58       MWT-TND       46         MW-78VFPN       67       MW-ALREC-IW       79       MWT-127D       23       MWT-HVACKIT01       58       MWT-TND       45         MW-78VFPN       67       MW-ALREC-IW       79       MWT-127D       23       MWT-HVACKIT01       58       MWT-10       47         MW-710VB       84       MW-ALREC-IW       79       MWT-127D       23       MWT-HVAC   | MW-3/4VFN                  | 65 | MW-ALREC-IL  | 79  | MW-SMC250  | 82  | MWT-BULDKITC | 3 61  | MWT-SS6510R 14    |          |
| MW-41001         83         MW-ALREC-IO         79         MWT-107D         23         MWT-DVSSL         46         MWT-ST         46           MW-41004         83         MW-ALREC-IR         79         MWT-107S         23         MWT-11         37         MWT-ST         38           MW-41004XT         83         MW-ALREC-IS         79         MWT-1200         27         MWT-12         37         MWT-ST         38           MW-6X38PW10         54         MW-ALREC-IU         79         MWT-1200R         27         MWT-HVACKIT01         58         MWT-TP01         61           MW-6X38PW10         54         MW-ALREC-IV         79         MWT-1200RV         27         MWT-HVACKIT01         58         MWT-TP01         61           MW-6X38PW10         54         MW-ALREC-IV         79         MWT-1200RV         27,48         MWT-HVACKIT02         58         MWT-N         45           MW-7DUB         84         MW-ALREC-IV         79         MWT-1275         23         MWT-147CRT         59         MWT-N         45           MW-7DUB         84         MW-ALREC-IW         79         MWT-1275         23         MWT-151         50         MWT-10         10         MW-20   | MW-3/4VFN-PI               | 69 | MW-ALREC-IM  | 79  | MW-SMC500  | 82  | MWT-C5       | 41    | MWT-SS6716L 14    |          |
| MW-41004       83       MW-ALREC-IR       79       MWT-107S       23       MWT-11       37       MWT-ST1       38         MW-41004XT       83       MW-ALREC-IS       79       MWT-1200       27       MWT-F2       37       MWT-ST2       38         MW-6X38PW1       54       MW-ALREC-IT       79       MWT-1200R       27       MWT-F2       37       MWT-ST2       38         MW-6X38PW10       54       MW-ALREC-IU       79       MWT-1200R       27       MWT-F4       57       MWT-TND       46         MW-6X38PW10       54       MW-ALREC-IU       79       MWT-1200RV       27       MWT-HVACKIT01       58       MWT-TP01       61         MW-778VFPN       67       MW-ALREC-IW       79       MWT-1200SV       27,48       MWT-HVACKIT02       58       MWT-TVN       45         MW-708VFPN-RJ       67       MW-ALREC-IW       79       MWT-127SV       23       MWT-HVACKIT03       59       MWT-VN       45         MW-7121       54       MW-ALREC-IW       79       MWT-127SV       48       MWT-14       70       MWT-147C       55       MW-ALREC-IW       74         MW-7X12PW10       54       MW-ALREC-IW       79 <th< td=""><td>MW-3/4VFN-RJ</td><td>65</td><td>MW-ALREC-IN</td><td>79</td><td>MW-T1</td><td>42</td><td>MWT-CT</td><td>45</td><td>MWT-SS6716R 14</td><td></td></th<>   | MW-3/4VFN-RJ               | 65 | MW-ALREC-IN  | 79  | MW-T1      | 42  | MWT-CT       | 45    | MWT-SS6716R 14    |          |
| MW-410047       83       MW-ALREC-IS       79       MWT-120       27       MWT-F2       37       MWT-ST2       38         MW-6338PW1       54       MW-ALREC-IT       79       MWT-1200R       27       MWT-F3       37       MWT-ST2       38         MW-6538PW10       54       MW-ALREC-IU       79       MWT-1200RV       27       MWT-HVACKIT01       58       MWT-TP01       61         MW-7/8VFPN       67       MW-ALREC-IV       79       MWT-1200RV       27,48       MWT-HVACKIT02       58       MWT-TV02       50         MW-7/8VFPN-RJ       67       MW-ALREC-IV       79       MWT-127       23       MWT-HVACKIT03       59       MWT-VN       45         MW-70UB       84       MW-ALREC-IV       79       MWT-127       23       MWT-HVACKIT03       59       MWT-VN       47         MW-7121       54       MW-ALREC-IV       79       MWT-127       23       MWT-MT-MACKIT03       50       MWT-N       42         MW-7121       54       MW-ALREC-IV       79       MWT-127       23       MWT-MSH516       55       F       F       F       F       F       F       F       F       F       F       F       F <td>MW-41001</td> <td>83</td> <td>MW-ALREC-IO</td> <td>79</td> <td>MWT-107D</td> <td>23</td> <td>MWT-DVSSL</td> <td>46</td> <td>MWT-ST 46</td> <td></td>   | MW-41001                   | 83 | MW-ALREC-IO  | 79  | MWT-107D   | 23  | MWT-DVSSL    | 46    | MWT-ST 46         |          |
| MW-6X38PW10         54         MW-ALREC-IT         79         MWT-1200R         27         MWT-F3         37         MWT-TND         46           MW-6X38PW10         54         MW-ALREC-IU         79         MWT-1200RV         27         MWT-HXCKIT01         58         MWT-TD01         61           MW-78VFPN         67         MW-ALREC-IV         79         MWT-1200RV         27,48         MWT-HVACKIT02         58         MWT-VD2         50           MW-78VFPN-RJ         67         MW-ALREC-IW         79         MWT-127D         23         MWT-HVACKIT03         59         MWT-VN         45           MW-7121         54         MW-ATH14         70         MWT-127SV         48         MWT-MSH14         55         MW-X1         42           MW-7X12PW10         54         MW-ATH38         70         MWT-127SV         48         MWT-MSH14         55         MW-X1         42           MW-7X12PW10         54         MW-ATH38         70         MWT-147CBT         25         MWT-MSH516         55         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T   | MW-41004                   | 83 | MW-ALREC-IR  | 79  | MWT-107S   | 23  | MWT-F1       | 37    | MWT-ST1 38        |          |
| MW-6X38PW10       54       MW-ALREC-IU       79       MWT-1200RV       27       MWT-HVACKIT01       58       MWT-HP01       61         MW-78VFPN       67       MW-ALREC-IV       79       MWT-1200SV       27,48       MWT-HVACKIT02       58       MWT-HP02       50         MW-78VFPN-RJ       67       MW-ALREC-IW       79       MWT-127D       23       MWT-HVACKIT03       59       MWT-W       45         MW-7DUB       84       MW-ALREC-IX       79       MWT-127S       23       MWT-HVACKIT03       59       MWT-W       45         MW-7DUB       84       MW-ALREC-IX       79       MWT-127S       23       MWT-HVACKIT03       59       MWT-W       42         MW-7X121       54       MW-ALREC-IX       79       MWT-127S       23       MWT-HVACKIT03       55       MWT-W       42         MW-7X121       54       MW-ALREC-IX       79       MWT-127S       48       MWT-HVACKIT03       55       MW-X1       42         MW-7X12PW1       54       MW-8215       85       MWT-147CBT       25       MWT-MSH516       55       F       F       F       F       F       F       F       F       F       F       F <t< td=""><td>MW-41004XT</td><td>83</td><td>MW-ALREC-IS</td><td>79</td><td>MWT-1200</td><td>27</td><td>MWT-F2</td><td>37</td><td>MWT-ST2 38</td><td></td></t<>   | MW-41004XT                 | 83 | MW-ALREC-IS  | 79  | MWT-1200   | 27  | MWT-F2       | 37    | MWT-ST2 38        |          |
| MW-7/8VFPN       67       MW-ALREC-IV       79       MWT-120SV       27,48       MWT-HVACKITO3       59       MWT-TPO2       50         MW-7/8VFPN-RJ       67       MW-ALREC-IW       79       MWT-127D       23       MWT-HVACKITO3       59       MWT-TV0       45         MW-7/8VFPN-RJ       64       MW-ALREC-IX       79       MWT-127S       23       MWT-11       41       MW-VSP       47         MW-7X121       54       MW-ATH14       70       MWT-127SV       48       MWT-MSH14       55       MW-X1       42         MW-7X12PW10       54       MW-ATH38       70       MWT-147CBT       25       MWT-MSH14       55       MW-X1       42         MW-8X11225       54       MW-8EVFN       65       MWT-147CBT       25       MWT-MSH14       55       54       MW-8EVFN       65       MUT-167B       25       MWT-MSH14       55       54       MW-8EVFN       65       MUT-167B       27       MWT-MSH14       55       54       MW-8EVFN       65       MUT-167B       27       MWT-MSH14       55       54       MW-8EVFN       65       MUT-167B       27       MUT-167B       27       MWT-MSH14       55       MUT-15       16       56<  | MW-6X38PW1                 | 54 | MW-ALREC-IT  | 79  | MWT-1200R  | 27  | MWT-F3       | 37    | MWT-TND 46        |          |
| MW -7/8VFPN-RJ67MW-ALREC-IW79MWT-127D23MWT-HVACKIT0359MWT-VN45MW-7DUB84MW-ALREC-IX79MWT-127S23MWT-L141MW-VSP47MW-7X12154MW-ATH1470MWT-127SV48MWT-MSH1455MW-X142MW-7X12PW1054MW-ATH3870MWT-147C25MWT-MSH3855FFMW-8X1122554MW-BRVFN65MWT-167B25MWT-MSH51655FFFMW-8X1122554MW-CBCLMP82MWT-210027MWT-MSH14455FFFMW-8X112554MW-D142MWT-220027MWT-MSHL1455FFFFMW-8X12154MW-D242MWT-2210R27MWT-MSHL1455FFFFMW-8X12154MW-D242MWT-2210R27MWT-MSHL151655FFFFMW-8X12154MW-D242MWT-2210R27MWT-MSHL151655FFFFMW-8X12154MW-D242MWT-2210R27MWT-MSHL151655FFFFMW-8X12154MW-D242MWT-2210R27MWT-MSHL151655FFFFMW-8X12154MW-D242MWT-2210R7MWT-MSHL151655FFFF   | MW-6X38PW10                | 54 | MW-ALREC-IU  | 79  | MWT-1200RV | 27  | MWT-HVACKIT  | 01 58 | MWT-TP01 61       |          |
| MW-7DUB84MW-ALEC-IX79MWT-127S23MWT-L141MW-VSP47MW-7X12154MW-ATH1470MWT-127SV48MWT-MSH1455MW-X142MW-7X12PW1054MW-ATH3870MWT-147C25MWT-MSH3855  | MW-7/8VFPN                 | 67 | MW-ALREC-IV  | 79  | MWT-1200SV | 27,48   | MWT-HVACKIT  | 02 58 | 11111102          |          |
| NWV-7X12154MW-ATH1470MWT-127SV48MWT-MSH1455MW-X142MW-7X12PW1054MW-ATH3870MWT-147C25MWT-MSH385555565556 <td>MW-7/8VFPN-RJ</td> <td>67</td> <td>MW-ALREC-IW</td> <td>79</td> <td>MWT-127D</td> <td>23</td> <td>MWT-HVACKIT</td> <td></td> <td></td> <td></td>   | MW-7/8VFPN-RJ              | 67 | MW-ALREC-IW  | 79  | MWT-127D   | 23  | MWT-HVACKIT  |       |                   |          |
| MW-7X12PW154MW-ATH3870MWT-147C25MWT-MSH3855MW-7X12PW1054MW-B21585MWT-147CBT25MWT-MSH51655MW-8X11222554MW-BRVFN65MWT-167B25MWT-MSHL1455MW-8X1122554MW-CBCLMP82MWT-211027MWT-MSHL3855MW-8X112554MW-D142MWT-220027MWT-MSHL1455MW-8X12154MW-D242MWT-2210R27MWT-MSHL1455MW-8X12154MW-D242MWT-2210R27MWT-MSHL151655   | MW-7DUB                    | 84 | MW-ALREC-IX  | 79  | MWT-127S   | 23  | MWT-L1       |       |                   |          |
| MW-7X12PW10       54       MW-B215       85       MWT-147CBT       25       MWT-MSH516       55         MW-8X112225       54       MW-BRVFN       65       MWT-167B       25       MWT-MSHL14       55         MW-8X11225       54       MW-CBCLMP       82       MWT-2110       27       MWT-MSHL38       55         MW-8X1125       54       MW-D1       42       MWT-2200       27       MWT-MSHL14       55         MW-8X121       54       MW-D2       42       MWT-2210R       27       MWT-MSHL14       55         MW-8X121       54       MW-D2       42       MWT-2210R       27       MWT-MSHL14       55         MW-8X121       54       MW-D2       42       MWT-2210R       27       MWT-MSHL1516       55   | MW-7X121                   | 54 | MW-ATH14     | 70  | MWT-127SV  | 48  | MWT-MSH14    |       | MW-X1 42          |          |
| MW -8X112225     54     MW-BRVFN     65     MWT-167B     25     MWT-MSHL14     55       MW-8X11225     54     MW-CBCLMP     82     MWT-2110     27     MWT-MSHL38     55       MW-8X1125     54     MW-D1     42     MWT-2200     27     MWT-MSHL14     55       MW-8X121     54     MW-D2     42     MWT-2210R     27     MWT-MSHL14     55       MW-8X121     54     MW-D2     42     MWT-2210R     27     MWT-MSHL1516     55  | MW-7X12PW1                 | 54 |              | 70  | MWT-147C   | 25  | MWT-MSH38    |       |                   |          |
| MW-8X11225     54     MW-CBCLMP     82     MWT-2110     27     MWT-MSHL38     55       MW-8X1125     54     MW-D1     42     MWT-2200     27     MWT-MSHL14     55       MW-8X121     54     MW-D2     42     MWT-2210R     27     MWT-MSHL14     55       MW-8X121     54     MW-D2     42     MWT-2210R     27     MWT-MSHML1516     55   | MW-7X12PW10                | 54 |              | 85  |            | 25  | MWT-MSH516   |       |                   |          |
| MW-8X1125         54         MW-D1         42         MWT-2200         27         MWT-MSHML14         55           MW-8X121         54         MW-D2         42         MWT-2210R         27         MWT-MSHML14         55   | MW-8X112225                | 54 |              | 65  |            | 25  |              |       |                   |          |
| MW-8X121         54         MW-D2         42         MWT-2210R         27         MWT-MSHML516         55   | MW-8X11225                 | 54 |              | 82  |            | 27  | MWT-MSHL38   |       |                   |          |
|   | MW-8X1125                  | 54 |              | 42  | MWT-2200   | 27  | MWT-MSHML1   |       |                   |          |
| MW-8X1210 54 MW-DE18 84 MWT-2210RV 27 MWT-MSHXL14 55  | MW-8X121                   | 54 |              | 42  |            | 27  |              |       |                   |          |
|   | MW-8X1210                  | 54 | MW-DE18      | 84  | MWT-2210RV | 27  | MWT-MSHXL14  | 55    |                   |          |

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