

# Norfield

ISSUE #34

## Door Shop Tools & Supplies Catalog



**800-824-6242**

Machinery • Tools • Supplies • Service



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# DOOR & JAMB - PREHANGING

Door & Jamb

## STARTING A DOOR SHOP?

Door Prehanging Kit helps you get started now!



*A cost-effective way to get started in the residential interior and exterior door business!*

Norfield has assembled a group of tools specifically designed to perform the basic functions required to produce a prehung door.

- Use the Norfield Door Holder to position the door on edge for hinge and lock preparation.
- Use the Norfield HingeMaster and the router to simultaneously mortise the door and jamb for 3-1/2", 4" or 4-1/2" hinges. Template guides and router bits are included for either 1/4" radius hinges or 5/8" radius hinges.
- Use the 3/8" drill, Vix bit, bit holder and bit tips to install full butt hinges while the door and jamb are still in the HingeMaster fixtures. This insures a perfect fit for the hinges.
- Use the Bosch Planer to bevel the lock edge of the door and the Slickplane to chamber the corner of the door edge after beveling.
- Use the Templaco Lock Boring Kit and the 1/2" drill to drill the lock and latch holes.
- Use the Templaco templates, TEMCB4 bit and the router to mortise for the latch plate on the door and the strike plate on the strike jamb.

**TNS4900**

**FREE SHIPPING**

**Tip:** Buy a second DEW21009 that would be dedicated to the Templaco kit. This would eliminate the changeover from the hinge mortising setup.



HingeMaster



Lock Installation Kit



DeWalt 1/2 Spade Handle drill DEW130V



DeWalt 3/8" HD Drill DEW21009



Bosch 3-1/4" Planer BOS2632



DEW616 Router



Norfield Door Holder MFG200

### MasterLine Door Prehanging Kit includes:

- Norfield Door Holder (MFG200)
- Norfield HingeMaster Kit (MFG56100)
  - 3 Template fixtures
  - 3 Router template guides for 1/4"R hinges
  - 3 Router template guides for 5/8"R hinges
  - 1/2" diameter router bit for 1/4"R hinges
  - 1-1/4" diameter router bit for 1/2"R hinges
  - Hex key set
- Lock Installation Kit (TEM115C3)
- DeWalt 3/8" HD Drill (DEW21009)
- DeWalt 1/2" VS Spade Handle drill (DEW130V)
- DeWalt 1-3/4 HP Router (DEW616)
- Bosch 3-1/4" Planer with versatile 2-blade system (BOS2632)

### Accessories:

- 1/2" router bit with guide bearing for the Templaco kit (TEMCB4)
- Magnetic bit tip holder (13-044)
- 10 #2 bit tips (VEG17)
- Vix bit to predrill hinge screws (13-039)
- Slickplane (WOO1100)

# DOOR & JAMB - JAMBS

## APPLIES STOPS TO JAMBS

# 450

**INCREASE PREHUNG DOOR OUTPUT WITH  
PRE-APPLIED STOP**

**ELIMINATE MANUAL STOP APPLICATION  
BOTTLENECK**

**CONSISTENT FASTENER COUNT, LOCATION,  
AND COUNTERSINK DEPTH**



### 450 STANDARD FEATURES

- Foot pedal actuation for hands-free operation
- Available with staplers or brad nailers
- Process square cut or mitred stop
- Process rabbeted or dadoed (“lugged”) jambs
- No adjustments for jamb length or width
- Safety guards to keep operators away from moving parts

### 450 OPTIONS

- Extended parts warranty

### 450 CAPABILITIES

Jamb width	3-1/2” to 8”
Jamb thickness	7/16” to 7/8”
Stop width	1” to 2”
Stop thickness	1/4” to 5/8”
Reveal	1-7/16” & 1-13/16” 1-1/2”
Staple spacing:	2” from top and 3” from bottom of stop with 10-1/4” between staples or finish nails in standard mode.

Average capacity: 12 cycles per minute (indicates consideration for operator and material handling efficiency per 8-hour day)



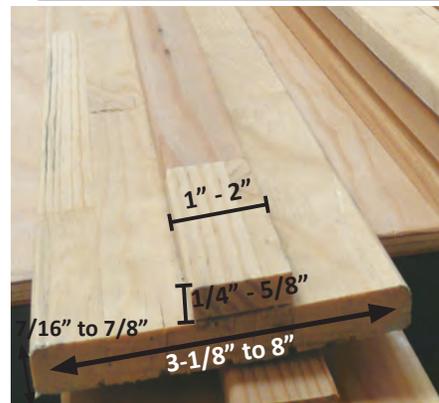
**Accurate reveal:** stop reveal is constant and precise despite jamb imperfections.



View the video  
online!  
[norfield.com](http://norfield.com)



**FAST:** operator alternately feeds rights and lefts; powerfeed wheels convey stitched jambs through machine.



Throughput Rate

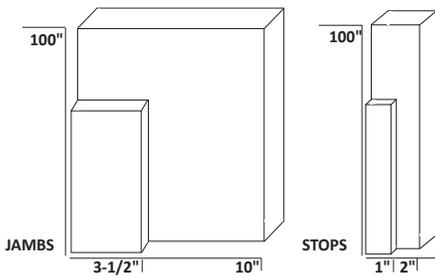
**10-12**  
jambs/minute

# DOOR & JAMB - JAMBS

Door & Jamb

## 440S

**EFFICIENT AND SIMPLE  
A COST-EFFECTIVE SOLUTION  
FOR STOP STITCHING**



**5**  
Units/min.

### 440S FEATURES

- Foot pedal activated clamps to hold material in place
- Adjustable gun mount for left or right-handed operator
- Easily adjustable reference stops

### 440S SPECS

Jamb width 3-1/2" to 10"  
 Jamb length up to 100"  
 Jamb thickness 3/8" to 1"  
 Stop width 1" to 2"  
 Stop length up to 100"  
 Stop thickness 1/4 to 3/8"  
 Reveal choices 1-7/16"  
 1-13/16"

Pneumatic 2.8 CFM @ 90PSI  
 Floor space req. (min)  
 2'-3"W x 9'6"L x 5'4"H  
 Shipping Wt. 350lbs



Non marring clamps and reference stops to ensure proper edge reveal while preserving material finish



Fully adjustable gun carriage and stop reference for easy material change-over



Adjustable left-hand and right-hand reference stops



View the video  
online!  
[norfield.com](http://norfield.com)

# DOOR & JAMB - HINGE ROUTING

## 350H

PROCESS DOOR AND HINGE JAMB IN ONE PASS  
30 SECOND CHANGEOVER FOR VARIOUS DOOR HEIGHTS  
PROCESSES DOORS & JAMBS UP TO 8'0"



350H door width scales and locating pins are quickly located and adjusted.



For quick, accurate and simple hinge routing, you'll appreciate the 350H. Its design is based on our Signature Series Magnum which has been an industry standard for over 40 years.



Hinge router positioning is at an ideal working height for operator comfort and accuracy.. Router rotates up and out of the way after each mortise is finished.



### 350H STANDARD FEATURES

- Pneumatic jamb clamps and jamb thickness adjustment
- Single point dust collection port
- Magnum-style hinge jamb routing
- Quick-change index bar with integrated stop system for different hinge patterns
- Quick-change for different hinge sizes
- Includes 1 index bar

### 350H OPTIONS

- Dust collection system
- Additional index bars
- 2nd router carriage for quick corner radius changes, OR for processing mull posts
- Hinge screw pilot hole predrill kit
- Screwdriver kit
- Scaled index bar

### 350H CAPABILITIES

#### Door

Width 1'0" to 3'6"  
Height up to 8'0"  
Thickness 1-3/8" to 1-3/4"

#### Hinge

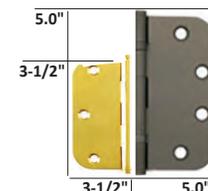
Hinge Size 3-1/2" to 5"  
Radius 1/4" or 5/8"

#### Jamb

Width 2-1/2" to 10-1/2"  
Length up to 8'0"  
Thickness 1/2" to 1-1/2"  
Types Flat with stop applied  
Flat without stop applied  
Split jamb/Rabbeted jambs  
Interior or Exterior



View the video  
online!  
[norfield.com](http://norfield.com)



1-2  
cycles/minute

# DOOR & JAMB - HINGE JAMBS

## 1700HJR Hinge Jamb Router

HIGH PRODUCTION  
HINGE JAMB ROUTER

Door & Jamb



Throughput Rate

4-5  
jamb/minute



### 1700 STANDARD FEATURES

- Quick change hinge locations
- Accommodates a variety of jamb widths and lengths
- Foot pedal operation for ease of use
- Dust collection ready for operator safety
- Mortise hinges from 3" to 4-1/2"

### 1700 OPTION

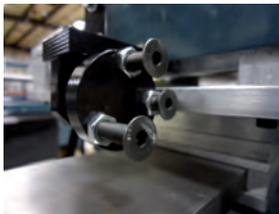
- 4 router module. Allows processing of 6'8" or 8'0" jambs. (3 router standard)
- 1200 CFM vacuum

### 1700 CAPABILITIES

Hinge Specs	3" - 4-1/2"
Jamb length	70" to 112"
Jamb width	2-1/2" to 10-1/2"
Jamb thickness	3/8" - 1-5/8"
Electrical	115V @ 50 Amps
Pneumatic	3 CFM @ 90 psi
Floor Space req. (min.)	12' x 3'
Approx. Shipping Wt	1100lbs
Vacuum connection	4" duct
	1/4" or 5/8" radius



Quickly change location of hinge mortise without tools.



Quick change turret stop system for various hinge back-sets and sizes



Dust collection ready for cleaner and safer work environment




1700 Hinge Jamb Router: Norfield's Inno...



View the video online!  
norfield.com

# DOOR & JAMB - HINGE & STRIKE

Door & Jamb

## Prepare jambs with confidence!

DoorTech Model 3300 Work Station

Hinge side of the machine may be purchased singly: specify DoorTech 3100.

### Add custom setup bars for a goof-proof operation.

Setup bars assure a perfect match between the door and jamb. Setup bars fit both the DOR3000 and DOR3100. Call your Norfield Sales Rep and we'll fax the Setup Bar form to you. Answer a few simple questions, fax it back and we'll custom make your setup bars. Order three sets and save! Pre-set hinge pattern setup bars can be made-to-order for all major hardware manufacturers.

#### Setup Bars

Save when you order three!

DoorTech 3300: both hinge and strike sides combined.

Foot valve activates air clamps, keeping both hands free for jamb positioning.

**Speed**- Quick setups are achieved through the use of dedicated tools, quick-change templates and clear, easy-to-use instructions.

**Versatility**- Fully adjustable unit and multiple templates allow for almost any jamb prep to be accomplished.

**Quality**- Detailed instructions, clearly labeled precision-made fixtures and dedicated setup bars give that "right the first time" accuracy.



Jambs are held securely with foot-operated air clamps under each template.

When you're doing commercial jamb preparation for hinges and strike mortises you'll want the speed this machine can offer. Its flexibility can be utilized for accurate and efficient architectural and residential applications. The DoorTech jamb hinge and strike system consists of two different systems brought together on one base. The Jamb Hinge System 3100 is for hinge mortising and the Jamb Strike System 3200 is for strike mortising.

This equipment offers a breakthrough depth control system which automatically adjusts the depth of cut when you change templates. No router adjustments are required. DoorTech's system prevents costly mistakes with quality manufactured products. Changing setup is rapid, simple and positive through the use of dedicated tools and clear instructions

Max. jamb thickness = 1-1/2"

Mullions up to 4" x 2-1/2"

Max. jamb length = 9'6"

### JAMB HINGE/STRIKE 3300 WORKSTATION

**DOR3300** Base Unit Only

**SHIPPING:** 500 lbs.

DoorTech machines will ship by truck.

Due to the length of this product, it must ship via truck, and does not qualify for free freight.

### JAMB HINGE/STRIKE 3300 WORKSTATION KIT INCLUDES

Catalog #	Qty	Description
<b>DOR3300</b>	1	DoorTech 3300
NOR62949	2	13/16" Guide Bushing
13-029	3	Guide Bushing Nut
265-001	1	Router bit cutter 1/2"
15-174	2	1-3/4 HP Router
13-891	1	1/2" arbor w/ 1/4" - 28 thread
FST2072	1	1/2" x 4-1/2" Plunge Router Bit
9901-013	1	Template Guide
SAF51	1	Shank 1/2" 3-1/4" OAL
15-364	1	Plunge router 2HP
DOR750	1	Router bit 3/4"

**TNS3300**

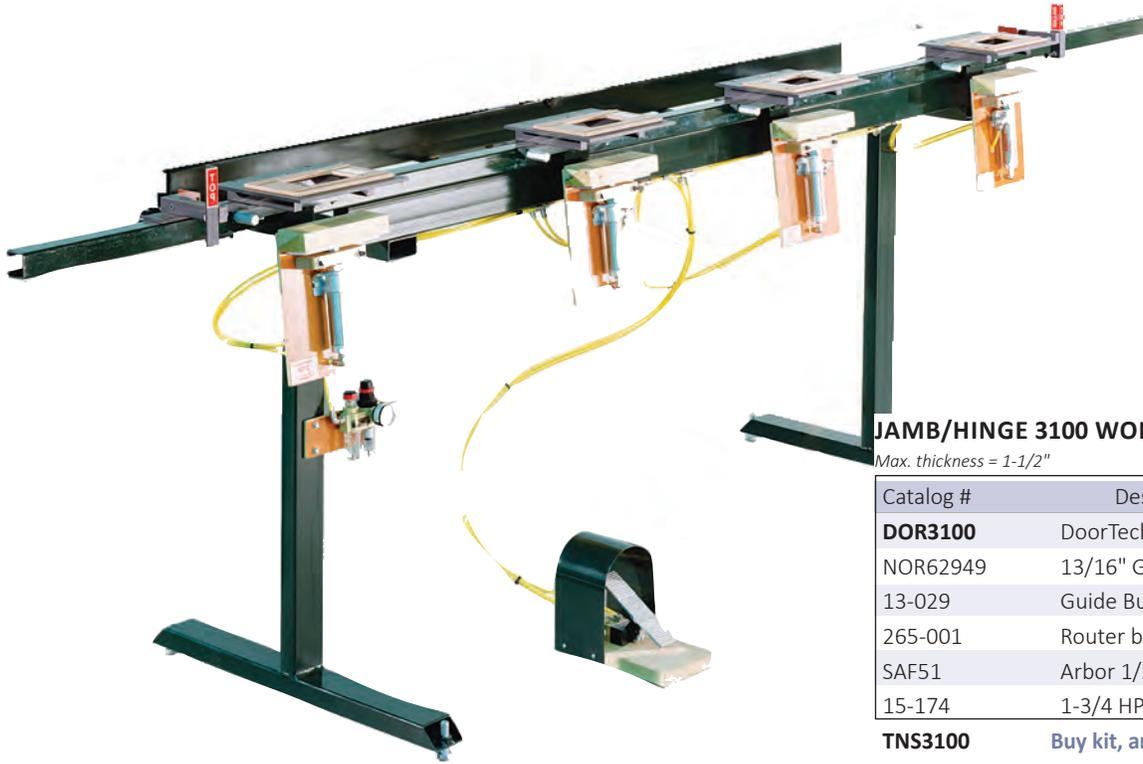
**SAVE AS A KIT!**

**SHIPPING FOR KIT: 500LBS**

# DOOR & JAMB - JAMB

Door & Jamb

## DOORTECH 3100 (TNS3100) JAMB PREP FOR HINGE MORTISING



### JAMB/HINGE 3100 WORKSTATION

Max. thickness = 1-1/2"

Catalog #	Description
<b>DOR3100</b>	DoorTech 3100
NOR62949	13/16" Guide Bushing
13-029	Guide Bushing Nut
265-001	Router bit cutter 1/2"
SAF51	Arbor 1/2", 3-1/4" OAL
15-174	1-3/4 HP Router

**TNS3100** Buy kit, and save! CALL FOR PRICING

### FEATURES

- Hinge templates screw off and on in seconds
- Templates never shift or vary
- Patterned hinge templates create 1/4" or 5/8" corner radius without changing router bit
- Depth control templates eliminate router adjustments
- Three measuring systems are interchangeable with the Hinge System 3000
- Clearly labeled, swing-away end-stops provide for easy changes in left or right handing
- Screw-in backset shims are heavy-duty and easy to change
- Hinges are held securely with air clamps under each template, activated by foot valve
- Durable phenolic templates are precision machined for each mortise size and are clearly labeled
- Includes filter, regulator and lubricator for connection to existing air system eliminating the need for additional air systems
- Structural parts are made of heavy-duty steel or aluminum
- Templates are interchangeable with the Hinge System 3000

### INCLUDES

- 3100 Base Unit
- (1) 13/16" Guide Bushing
- (1) Guide Bushing Nut
- (1) SAF51 Shank & SAF500 Bit
- (1) 1-3/4 HP Router



### OPTIONS

- Set up bars for hinge mortising reduce set up time (quantity discounts are available)
- Dedicated accessories package eliminates tool set-up time with each job

### Need a custom template?

We make templates for most major manufacturers. Spec drawings required to place order for templates.

### HINGE TEMPLATES

Catalog #	Hinge Size	Hinge Depth	Corner Radius
DOR31501	5"	.190"	1/4"
9903-711	4-1/2"	.134"	1/4"
9903-712	4-1/2"	.180"	1/4"
9903-709	4"	.130"	1/4", 5/8"
DOR31401	4"	.170"	1/4", 5/8"
9903-708	3-1/2"	.123"	1/4", 5/8"

### SAVE ON HINGE TEMPLATE SETS!

Catalog #	Templates in Set	Hinge Size	Hinge Depth	Corner RadiusP
DOR33501	4	5"	.190"	1/4"
DOR33450	4	4-1/2"	.134"	1/4"
DOR33451	4	4-1/2"	.180"	1/4"
DOR33400	4	4"	.130"	1/4", 5/8"
DOR33401	4	4"	.170"	1/4", 5/8"
DOR33350	3	3-1/2"	.123"	1/4", 5/8"

# DOOR & JAMB - HINGE

## DoorTech 3000 Door Hinge Router Quickly mortise the perfect-fitting hinge right in your shop... any type!



The Hinge System 3000 mortises for door hinges quickly and with dependable accuracy. The strong yet lightweight unit attaches easily to doors without marring; Maximum door thickness is 2-1/4".

**Quick change from right to left-hand doors.**

No measuring is required for backsets, hinge size, or even cutting depth. Backsets are determined by clearly labeled shims that drop into the top of the template holders. Templates screw on and off quickly. DoorTech's breakthrough depth control system automatically adjusts the depth of cut when you change templates; no router adjustment is required. Hinge spacing may be measured by hand or set precisely with custom setup bars.

Maximum door length with the standard bar is 9 feet. Shoulders for 3° beveled edge and square edged doors are provided. Template holders easily slide on uni-strut which makes adjustments simple.

### DoorTech 3000 Fixture includes:

- (3) 9'6" aluminium bar with square & beveled shoulders
- (4) Template holders (2) Handles
- (1) Backset "T" sets 5/32", 3/16", 7/32", 1/4", 5/16", 3/8", 9/32", 11/32"
- (2) End stops
- (1) Transfer square
- (1) Instruction booklet

### DOR3000

Shipping: 50 lbs. Due to the length of this product, it must ship via truck, and does not qualify for free freight.

### TNS3000 Kit Includes

- Everything mentioned to the left plus
- (1)NOR62949 13/16" guide bushing
- (1)13-029 guide bushing nut
- (1)1-3/4 HP router
- (1)WHI1067 1/2"x 2-3/4" router bit 1/2" shank

### TNS3000

Shipping: 50 lbs. Due to the length of this product, it must ship via truck, and does not qualify for free freight.



## DoorTech 3000 Door Hinge Router Features



**1.** Place the lightweight unit on the door. It is easy to position and can be used on vertical or horizontal doors.



**2.** Hinge Spacing can be measured by hand with tape measure or set precisely with an optional setup bar.



**3.** Interchangeable templates screw on and off for quick changeover.

### HINGE TEMPLATES

Catalog #	Hinge Size	Hinge Depth	Corner Radius
DOR31501	5"	.190"	1/4"
9903-711	4-1/2"	.134"	1/4"
9903-712	4-1/2"	.180"	1/4"
9903-709	4"	.130"	1/4", 5/8"
DOR31401	4"	.170"	1/4", 5/8"
9903-708	3-1/2"	.123"	1/4",

### SAVE ON HINGE TEMPLATE SETS!

Templates Catalog #	Hinge in Set	Hinge Size	Hinge Depth	Corner Radius
DOR33501	4	5"	.190"	1/4"
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DOR33451	4	4-1/2"	.180"	1/4"
DOR33400	4	4"	.130"	1/4", 5/8"
DOR33401	4	4"	.170"	1/4", 5/8"
DOR33350	3	3-1/2"	.123"	1/4", 5/8"

### Need a custom template?

We make templates for most major manufacturers. Spec drawings required to place order for templates.



### What makes our templates so durable?

Phenolic templates are a hard, dense material produced by applying heat and pressure to layers of linen or canvas impregnated with a synthetic resin. As the heat and pressure are applied, polymerization creates a strong, durable and mechanically stable composite that won't shrink or warp, and offers excellent impact strength.

Templates can also be made to order by calling Norfield today: 1-800-824-6242.

# DOOR & JAMB - HINGE

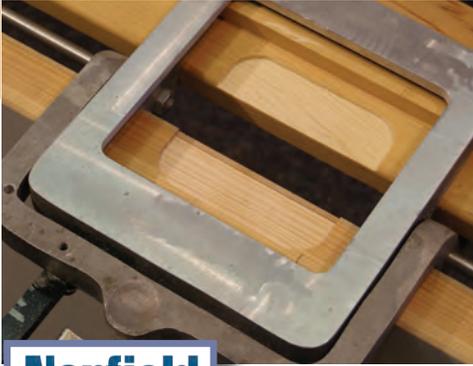
Door & Jamb

## MFG56100 HingeMaster

*Built to last a lifetime!*

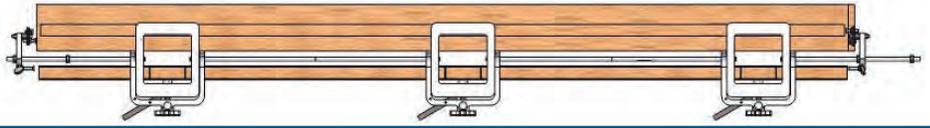
Get perfectly matched door and jamb hinge mortises, time after time!  
*We have sold thousands of these over the last 40 years!*

The Hinge Master mortising jigs have been designed to rout most of the various hinge sizes of today's door industry. The radius of the mortise is determined by the actual diameter of the router bit (i.e. a 1/2" bit produces a 1/4" radius; 1-1/4" bit produces a 5/8" radius). The actual size of the mortise is determined by the template follower you are using and the associated bit diameter. *Not for double beveled doors.*



**Norfield**  
 norfield.com • 800-824-6242  
**EXCLUSIVE!**

For fast setups, dedicate your router to your HingeMaster kit.



### FEATURES

- Mortise the door and jamb simultaneously
- Install full butts (3-1/2", 4" and 4-1/2") while the material is still in the fixture
- Both: 5/8" or 1/4" radius accessory kits (carbide tip router bit, shank and template guides) are included

### BENEFITS

- Get perfect door and jamb mortises, time after time
- Ideal for most job sites or shop applications

### MFG56100

**FREE SHIPPING**

Shipping: 15 lbs.

### MFG56100 KIT INCLUDES

- (3) Hinge mortise template fixtures
- (2) Door & jamb reference stop assemblies
- (6) Template guides (3-1/2", 4", 4-1/2")
- (1) Template guide nut
- (1) 5/8" and 1/4" radius accessory kit
- (1) Hex key set
- (1) Instruction booklet

### SPECS

- Maximum door thickness: 1-3/4"
- Maximum jamb thickness: 1"
- Maximum stop height: up to 9/16"

Use on:  
 interior & exterior doors  
 wood doors

### FOUR OR MORE HINGES?

Order additional center fixtures to reduce setup for jobs with four or more hinges.

### 5601-705

Shipping: 4 lbs

### REPLACEMENT TEMPLATE SQUARE

Universal for center & end template fixtures.

### 1820-001

### 1/4" RADIUS TEMPLATE GUIDES Shipping: 1 lb.

Part #	Hinge size
8263-100	3-1/2"
8156-001	4"
8157-001	4-1/2"

1/4" Bit used for this radius is 165-050



### 5/8" RADIUS TEMPLATE GUIDES Shipping: 1 lb.

Part #	Hinge size
8262-100	3-1/2"
8154-100	4"
8155-100	4-1/2"

5/8" Bit used for this radius is 167-000



[View video online!](#)

## MFG56100 HingeMaster Procedure



**1.** Measure for spacing, then clamp the fixtures to the door. Each fixture is spaced relative to one another with spacer bars.



**2.** Clamp the jamb into place. Use the stops to align the jamb to the door. The alignment stops are on both the end fixtures for both left or right hand use.



**3.** Secure the jamb in place with the jamb clamps.



**4.** Rout out the hinge mortises.



**5.** With the fixture in place, install hinges. When done, remove the HingeMaster. Your jamb is now attached and perfectly aligned to the door.



HingeMaster can install 3-1/2", 4" & 4-1/2" hinge butts

# DOOR & JAMB - HINGE

Door & Jamb



## NAIL-ON SINGLE HINGE TEMPLATE

Used to rout both door and frame hinges for a complete door hanging solution.

Accommodates doors of various thickness: 1-3/8", 1-3/4", 2", 2-1/4", and 2-1/2" and 8 hinge sizes from 2-1/2" to 6" with 1/4" and 5/8" radius

Extended template platform provides excellent router stability. Double-headed nails ensure easy removal from door and frame. Positive placement lock-in pins enable quick and secure placement of the template to the door and jamb

To square corners, use our corner chisel sold on pages 46 & 47

**POR59370**

Shipping: 1 lb.



**FREE** on most orders over \$500\*



## HINGE MORTISING TEMPLATES

Single pocket router templates will produce exact hinge mortises on both door and jamb. Each template has two adjustable stops on the back of the template to work with different door thickness. Match an existing layout or create your own hinge spacing by simply moving the template. Use a 5/8" outside diameter router template guide on your router and a 1/2" hinge mortising bit with this template.

Cat. #	Plate Size
TEM351KF	3-1/2" Hinge, 5/8" Radius
TEM401KF	4" Hinge, 5/8" Radius



## UNIVERSAL HINGE TEMPLATE

This template will give you five different hinge sizes from 3-1/2" to 5-1/2" with 1/4" or 5/8" corner radius by adjusting or rotating the guides to match the specific hinge style.

The template can be adjusted to door thicknesses of 1-3/8", 1-3/4" and 2-1/4" by adjusting the end stops to the specific door thickness. It works on interior or exterior door jambs.

### DEN1

Requires 5/8" outside diameter template guide (POR42045) and a 1/2" diameter bit (165-050).



## TEMPLATE-FREE ROUTER FOR 1/4" OR 5/8" RADIUS HINGES

This special "no-template" router/base combo lets you mortise for rectangular hinges on both frames and doors. By using the router base as the template, the base clamps hold the unit onto the jamb or the door for working. The jaws open

up to 8 inches in width to allow you to work on jambs with the casing already applied.

It allows you to precisely mortise one, two, three or four hinges, on right or left-handed doors, and without leaving marks.

Here's how easy it is to use: adjust the clamp according to the length and width of the hinge. Apply the reference bar so you don't need to remeasure when working on the next door or on the jamb. The clamping system takes into account the step in the door jamb.

Use it for both 1/4" and 5/8" radius hinges. To square them out, use the corner chisel, (On pg 46).

1/2" diameter bit included, order 2945499 for a 1-1/4" diameter bit.

**2900815** Router included

Specifications
110 V, 60Hz, 750 W, 30,000 RPM
Chuck Diameter: 1/4"
Weight: 9.5 lbs
Performance Dimensions
• Opening between clamp vises 1-5/16" minimum 8" maximum
• Cutter bit maximum diameter: 1-1/4" or 32mm
• Maximum milling depths: 7/16" or 11mm



# DOOR & JAMB - HINGE

Door & Jamb



## 3" TO 6" HINGE BUTT TEMPLATE KIT

### Mortise hinges using standard tools!

Mortise a door or jamb of any length and hinge size using standard accessories. Features spring-loaded nails that stay up prior to driving and can be removed with a claw hammer, thickness pins to mount doors to jambs without jamb stops, end gauge for each end of the template and a full-length locator with each template section. Dual rail system.

For 3 hinges 6' to 7' door and frames or 4 hinges 7' to 8' door & frame. Accommodates door thickness' 1-3/8" to 2-1/2". Kit comes equipped for 1/4"R hinges.\*

Kit Includes: 4 metal hinge templates, 3 short steel rails, 2 long steel rails, Carbide-tipped router bit, Template Guide, Lock Nut, Corner Chisel, 2 Pairs of end gauge, 8 Small thumb screws, 6 large thumb screws, Hex key, Instruction sheet, Carrying case.

#### POR59381

Shipping: 25 lbs.



#### \*For 5/8" R hinges, purchase the following accessories:

**POR42048** 1-35/64 Template Guide

**13-029** Lock nut

**POR43745** 1-1/4" router bit

**POR43736** 1/4" shank

**POR43737** 1/2" shank



POR42048



POR43736

**POR43437** 1/4"R replacement bit

**POR42042** 1/4"R template guide

**POR800629** Replacement nails

Shipping: 1 lb. on all above

**POR859715** Replacement template frame

Shipping: 3 lbs.

### FOUR HINGES? 7'-8' DOORS?

Includes (1) set of 3-guide rails, (1) template section.

**POR59859**

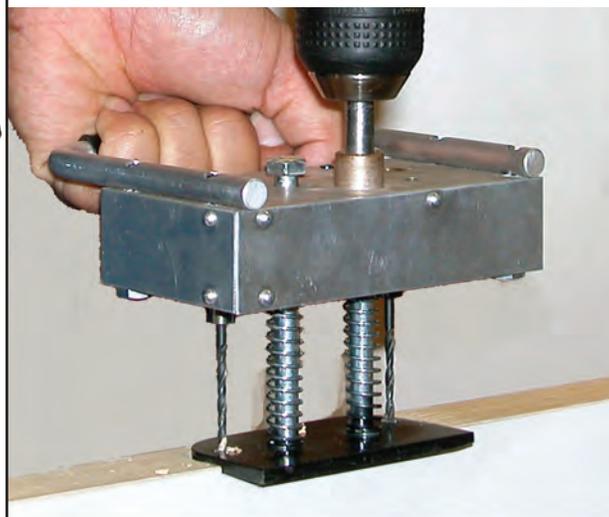


## DRILL ONCE AND YOU'RE DONE!

Pre-drill for multiple screws without errors!

### CLICK'S KWIK DRILL

- Spring-loaded base aligns in hinge mortise for proper hole placement.
- Holes are drilled square to surface so screws go in flush.
- Use in the shop or on the job site.
- Mounts in a 3/8" drill motor.
- Bits easily change with 8-32 1/8" set screw.



#### ARC/3 SCREW/RADIUS CORNER

Cat. #	Hinge Size	Corner Type
CST35	3-1/2"	5/8" R

#### ARC/4 SCREW/SQUARE CORNER

Cat. #	Hinge Size	Corner Type
CST4	4"	SQ.
CST45	4-1/2"	SQ.

#### 1/8" Replacement Bits for CST35 CST351



#### Base Plate/square corners for CST45 CST450



#### 11/64" Replacement Bits CST451

Shipping: 3 lbs. each

Square base standard; radius base may be special ordered. Call for pricing.

# DOOR & JAMB - STRIKE JAMB

# 260MX

Door & Jamb



**3-4**  
Pieces/min.

**VERSATILE JAMB ROUTER WITH DOUBLE PREP TEMPLATE FOR INTERIOR OR EXTERIOR JAMBS, MULL POSTS, AND BALL CATCH HEADS**  
**QUICK-CHANGE TEMPLATES; CUSTOM TEMPLATES AVAILABLE**

### 250MX STANDARD FEATURES

- Laser alignment system included with machine
- Dual thumb switch controls for safety
- No tool change over for different jamb lengths
- Quick change for different plate thicknesses
- One full lip + deadbolt template included with machine
- All existing 250M templates can be used on the 260MX
- Ball catch stops for head jambs
- Adjustable jamb stops

### 250MX OPTIONS

- Dust collection vacuum
- Additional pair of ball catch stops for head jambs
- Overhead material rack
- Custom templates

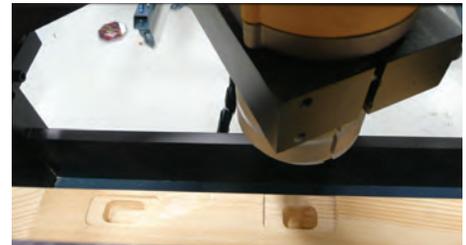
### 250MX CAPABILITIES

#### Material

- Width no limit
- Length up to 9'0"
- Thickness to 2"

A sample piece of hardware or manufacturer's template drawing will be required. Allow 4 weeks for delivery.

**View video online!**



#### Extended Template:

Dual-prep template design allows machining for standard (full lip) and deadbolt (no lip) strike plates without removing and repositioning the jamb.



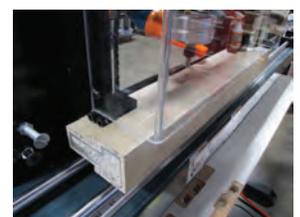
#### Laser Alignment:

use the laser alignment system for quick processing of non-standard mortise locations.



#### Preps mull posts:

the 260MX processes mull posts and T-astagals up to 2" thick.



### STRIKE JAMB ROUTER TEMPLATES

	Order No	Size	Radius	
	9201-001	2-1/4"	5/8"	
	9202-001	2-1/4"	1/4"	
	9202-001S	Steel 2-1/4"	1/4"	
	9204-001	1-1/8" x 2-3/4"	1/4"	1-1/2"
	9205-001**	1-1/4" x 4-7/8"	1/4"	3-3/8"
	9230-001	1" x 2-1/4"	1/4"	.95"
	9206-001	1" x 2-1/4"	1/4"	
	9206-001S	Steel 1" x 2-1/4"	1/4"	
	9219-001**	1-1/8" x 2-3/4"	1/4"	
	9233-001**	1-1/4" x 3-5/8"	1/4"	

\*\*These templates are for 1-3/4" doors only

# DOOR & JAMB - STRIKE

Door & Jamb

## 2300ASR

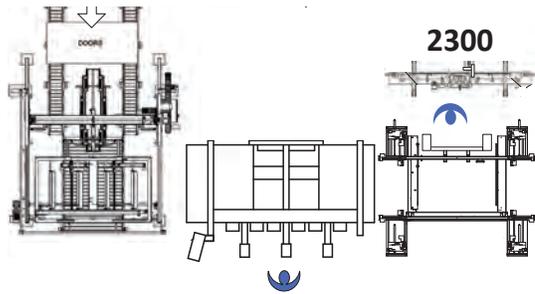
**AUTOMATIC STRIKE ROUTER  
WILL MEET THE NEEDS OF THE HIGHEST  
VOLUME DOOR SHOP**



**View video online!**

**Throughput Rate**

**4-5**  
jamb/minute



### 2300 STANDARD FEATURES

- Infinitely adjustable jamb stops
- Accommodates a variety of jamb widths and lengths
- Foot pedal operation for ease of use
- Dust collection ready
- Automation allows the operator to multi-task

### 2300 OPTION

- 1200 CFM vacuum (manual start)

### 2300 CAPABILITIES

Single or double rabbeted jambs	
Strike plate type	Full lip only
Strike plate sizes	2-1/4" to 3"
Jamb length	70" to 96"
Jamb width	2-1/2" to 10-1/2"
Jamb thickness	3/8" to 1-1/2"



Quick change jamb stops allow easy adjustments for varying door heights



Graphical control panel is easy to use and language-neutral

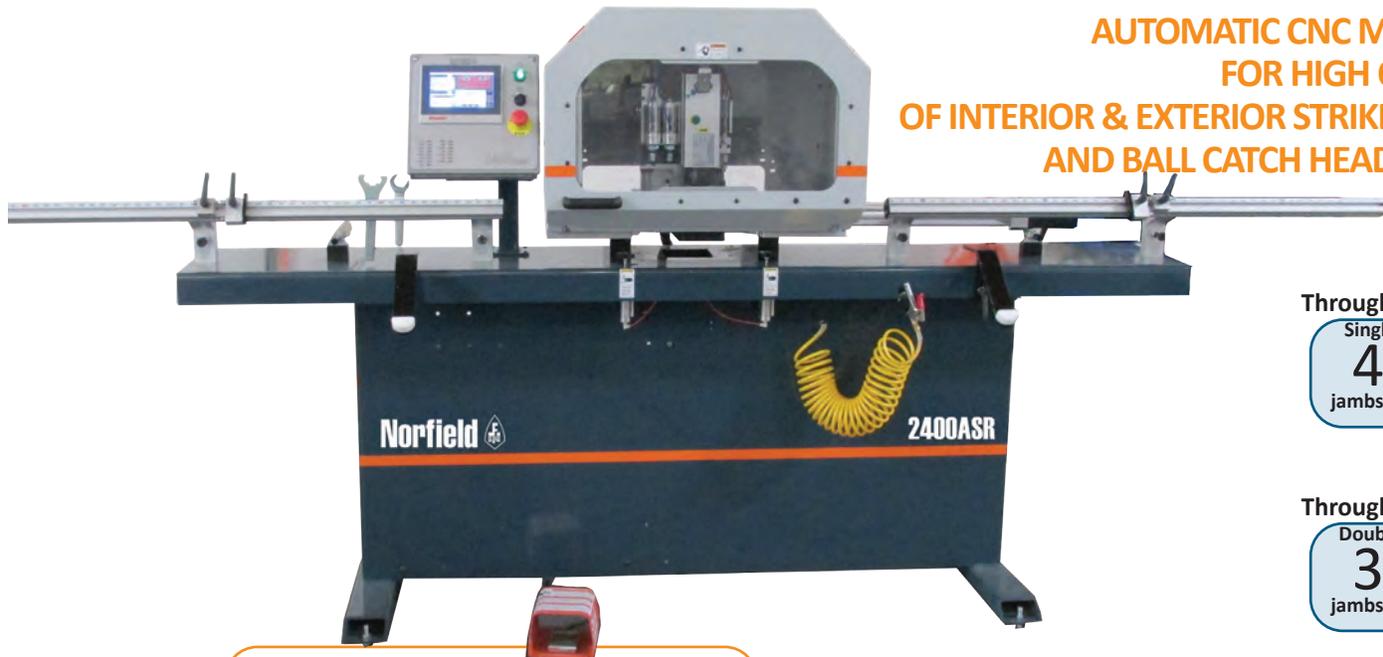


# DOOR & JAMB - STRIKE

## 2400ASR

Door & Jamb

**AUTOMATIC CNC MACHINE  
FOR HIGH OUTPUT  
OF INTERIOR & EXTERIOR STRIKE JAMBS  
AND BALL CATCH HEAD JAMBS**



**Throughput Rate**

Single prep

**4-5**

jams/minute

**Throughput Rate**

Double prep

**3-4**

jams/minute



**View video online!**

### 2400 STANDARD FEATURES

- Jamb types: flat (with or without stop applied); single or double rabbeted; split
- Strike plate type: No lip, full lip and T-strike
- Double full lip for ball catch heads

### 2300 CAPABILITIES

Strike Plate Size	1/2" 8"
Pocket size	3/4" x 3/4" 1" x 1"
Jamb Length	70" 96"
Jamb Width	2-1/2" 10-1/2"
Jamb Thickness	3/8" 1-1/2"
Approx. Shipping Weight	800 lbs
Floor Space	11'W X 5'D x 5'H'
Electrical	208-230, 3Ph, 60 Hz, 30 Amps
Air	5 cfm @ 90 psi
Vacuum connection	4" duct



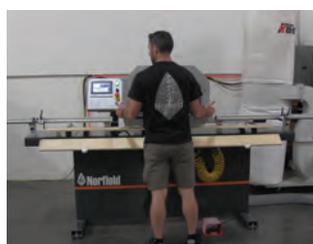
**Easy to operate:** Intuitive, graphical touchscreen enables quick, easy selection of functions.



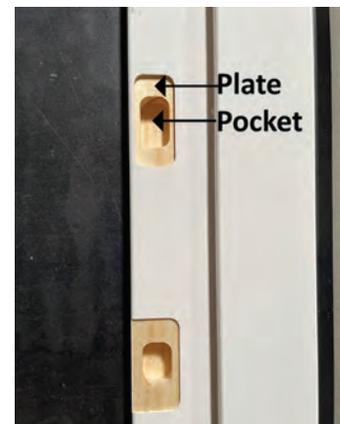
**High Frequency Router Motor** is quiet, durable, and long lasting.



**Increased Safety:** heavy steel enclosure and double hand sensors keep operator's hands away from moving parts.



**Save Labor:** High speed cycle allows strike jamb prep on a door production line, or the 2400 can be an independent high-volume workstation.



# DOOR & JAMB - STRIKE

Door & Jamb



**Norfield**  
norfield.com • 800-824-6242  
**EXCLUSIVE!**

## TNS200 StrikeMaster Kit

Strike Master makes you the master of strike jamb routing.

This bench-mounted router fixture provides an effective and economical means of preparing jambs for strike plates, ball catches, and more. Interchangeable snap-on templates allow quick setup for different strike plates. Most strike plates require 2 templates (1 for the plate and 1 for the pocket). Works with jambs up to 7/8" thick. Backset adjustment is provided by stop knobs and fixture centerline marks.

Recommended for use with plunge router.

### FEATURES

- Interchangeable snap on templates

### TNS200 KIT INCLUDES

- (1) 7706-701 StrikeMaster fixture
- (1) Dewalt plunge router (15-364)
- (1) Router bit and shank (SAF500/SAF501)
- (1) Porter Cable template guide & nut (POR42045, 13-029)
- (1) Stop kit (7709-701 right, 7709-702 left) (Templates sold separately)

### SPECS

- Jambs up to 7/8" thick
- Can rout for up to 1-1/4" x 7-1/4" strikes

### TNS200

**FREE SHIPPING**

Shipping: 26 lbs

### STRIKE MASTER BASE UNIT

**7706-701**

Shipping: 4 lbs

(For templates, see page 23)

## TNS200 StrikeMaster Procedures



**1.** Attach StrikeMaster to workbench. Adjust clamp pads for jamb thickness.



**2.** Align the jamb in the StrikeMaster using the reference line on the base plate and clamp into position.



**3.** Adjust the router bit depth for the plate first. Set a second plunge depth equal to the depth required for the pocket.



**4.** Route the plate first then the pocket. If you are machining for a T-strike pocket, the 5/8" diameter template guide must be installed on router.

**Norfield**  
norfield.com • 800-824-6242  
**EXCLUSIVE!**



### STRIKE MASTER STOP KIT

*Set your stop and go right into production!*

Strike Master Stop Kit allows you to go into production without having to remeasure with every jamb. Two alternate stop positions let you switch between interior and exterior door jambs with ease.

*Includes rails and stops for both sides.*

**MFG100**



**FREE FREIGHT**  
on most orders over \$500\*

Templaco nail on strike templates will create the finished mortise for the strike plate.



### STRIKE PLATE MORTISING TEMPLATES

Cat. #	Strike Plate Size
TEM146	1" x 2-1/4" Full Lip
TEM151	1-1/8" x 2-3/4" T or Dead Bolt
TEM156	1-1/4" x 3-5/8" No Lip
TEM161	1-1/4" x 4-7/8" ASA "T"

### REPLACEMENT NAIL ASSEMBLY

Includes 2 nail assemblies and attaching nuts

**TEM1592**

Shipping: 1 lb each

### BRASS ROUTER TEMPLATE GUIDE & NUT

**TEMTG-1** 5/8" OUTSIDE DIA.

Shipping: 1 lb

# DOOR & JAMB - STRIKE



## MULTI-STRIKE

This tack-on template will produce 4 finish strike mortise sizes for the most popular residential locksets. Included on a single 16" carrier is 1" x 2-1/4" deadbolt, 1" x 2-1/4" Full Lip, 1-1/8" x 2 3/4" "T" and a 1-1/8" x 2-3/4" deadbolt. Supplied with two centering locators. Use a 1/2" cutter and a 5/8" outside diameter router template guide on your router for this template.

**TEM400**

Shipping: 2 lbs



## MULTI-LATCH

This tack-on template will produce 3 finish latch mortise sizes for the most popular residential locksets. Included on a single 12" carrier is 1" x 2-1/4", 1-1/16" x 2-1/4" and 1-1/8" x 2-1/4". Supplied with two locators. Use a 1/2" cutter and a 5/8" outside diameter router template guide on your router for this template.

**TEM300**

Shipping: 1 lb



## ROUTER TEMPLATE - F/ASA STRIKE PLATE

Router template designed to route standard 4-7/8" ASA strike opening in wood jambs to complete mortise lock installation. Scribe lines in template insures proper alignment. Template mounts to door jamb with two self drilling screws (supplied) through hardened bushings in template. Requires the use of a router equipped with a 5/8" outside diameter guide and a 1/2" flat bottom router bit. Machined from 6061-T6 aluminum.

**MAJ41SP6**



## Safely prep jambs for weatherstripping with this special kerfing system.

This table mounted system uses a heavy duty router with a unique router bit to cut back the stop and at the same time make the weatherstripping kerf.

- Inventory can be reduced because you can stock fewer jambs
- Reduce labor costs because it is always ready to go
- Increase your shop safety by using the right tool designed for the job... no more creative and dangerous methods of kerfing for weatherstripping
- One-pass operation
- Easy to use, easily adjusts for 1-3/8" & 1-3/4" jambs
- Built in safety guard
- Spring-loaded guides keep the jamb against the fence
- Unique router bit for cutting down stop and slotting jambs
- 1-1/4" maximum jamb thickness

### Unit Includes:

- Weatherizer fixture and instructions
- Plunge router (DEW618)
- Custom-made router bit (SAF254)

### WEATHERIZER

**MFG77500**

**FREE SHIPPING**

Shipping: 37 lbs.

### ROUTER BIT FOR WEATHERIZER

Kerf is 1/8" wide, 3/8" deep, 1/2" dia. shank

**SAF254**

Shipping: 1 lb



Special stepped cutter cuts backstop and makes kerf in one pass.

# DOOR & JAMB - MULTIPOINT

Door & Jamb



The end stop can be adjusted for different header clearances



Centerline pointer aligns with scale for positioning fixtures

## Multipoint Lock Installation Fixture

This fixture is a companion to the MFG400 to prep doors for many of the multipoint locks. The MFG400 makes the Eurogroove and this fixture makes the lock pockets and function holes. The multipoint fixture consists of three base units attached to a master index bar. The master index bar has an adjustable end stop to reference from the top or the bottom of the door and a scale for accurately positioning the base units for different lock body locations. Interchangeable snap-on templates on each base unit allow machining of lock pockets and function holes. The base units will accept a variety of templates to suit different types of hardware. The base units have reference blocks that align the template with the Eurogroove. Self-centering clamps on the base units securely hold them in position. The backset location of the function holes is adjustable. A plunge router with a template guide is used to mortise the pockets and function holes.

- This fixture is a companion to the MFG400 to prep doors for many of the multipoint locks.
- Interchangeable templates snap-on to each base unit.
- Index bar with scale provides accurate template positioning for doors up to 8ft.
- Index from the top or the bottom of the door.
- A plunge router with a 13/16" template guide is used to mortise the pockets and function holes.
- Alignment blocks index templates with Eurogroove.
- Door to door change-over time under one minute.
- Works on pre-finished and unfinished doors.
- Templates and alignment blocks sold separately. Call for details

**7540-702**



### MULTI POINT KIT:

- Multi Point Fixture (7540-702)
  - Carbide Tipped Cutter (300-150)
  - Template Guide, 13/16" (NOR62949)
  - Lock Nut (13-029)
  - 2-1/4 HP Router (POR893PK)
- (Templates sold separately)*

**TNS600**

**FREE SHIPPING**

## MFG400 Multipoint Mortiser Set Eurogroove Fixture

**MULTI-POINT PREP FINALLY MADE EASY!**

### Make a eurogroove in a single pass!

This unique fixture, in conjunction with a eurogroove bit (sold separately pg 19), quickly and efficiently enables you to mortise the eurogroove in one pass. This is specifically designed to guide a router for the mortising of a "stepped" eurogroove required for the installation of most multipoint locking systems. Easily adjusts for door thicknesses up to 2-3/4".



[View video online!](#)



#### FEATURES

- Adjustable fixture guides router for the installation of the eurogroove in a door edge.
- Uses stepped bit (pg 19) for quick, one-pass cut.
- Includes Porter-Cable 1-1/2 HP Router

#### BENEFITS

- Quickly and efficiently mortises eurogrooves in one pass

#### MFG400 KIT INCLUDES

- (1) POR690 1-3/4 HP router
- (1) 7702-702 fixture

#### SPECS

- Use for 1-3/4" & 2-1/4" doors
- Adjustable for doors as thin as 3/4" and thick as 3-1/2"
- Maximum depth is 3-3/4"

*Use Eurogroove bits on page 19*

#### MULTIPOINT MORTISER SET

**MFG400**

**FREE SHIPPING**

#### MULTIPOINT MORTISER

**7702-702**

(fixture only, no router)

**STYLIZER STOP** If you don't want the eurogroove to extend the full length of door, the Stylizer Stop can be used to achieve accurate positioning of the Stylizer 2 unit. Maximum door thickness 2-3/4".

**7650-100** Shipping: 4 lbs.

## MFG400 MasterLine Multipoint Mortiser Procedures



**1.** Mount your router to the guide plate, install the mortising bit and set it to the proper depth.



**2.** Attach the fences. The guide marks help to center the MFG400 on the door and to setup the fences parallel to each other.



**3.** Center the MFG400 to the door and align both ends of the movable fence with the door and tighten.



**4.** Mortise with a plunge cut, or start at the end of the door. Continue along the door until you get the desired prep point.

# DOOR & JAMB - MULTIPOINT

Door & Jamb

## MP-90 Multipoint Lock

**FAST AND ACCURATE MACHINING FOR MULTIPOINT LOCK SYSTEMS, INCLUDING EUROGROOVE, MORTISE LOCK POCKET AND FUNCTION HOLES**



Machine for eurogroove in one easy pass.

Bore or rout function holes using quick-change phenolic templates.

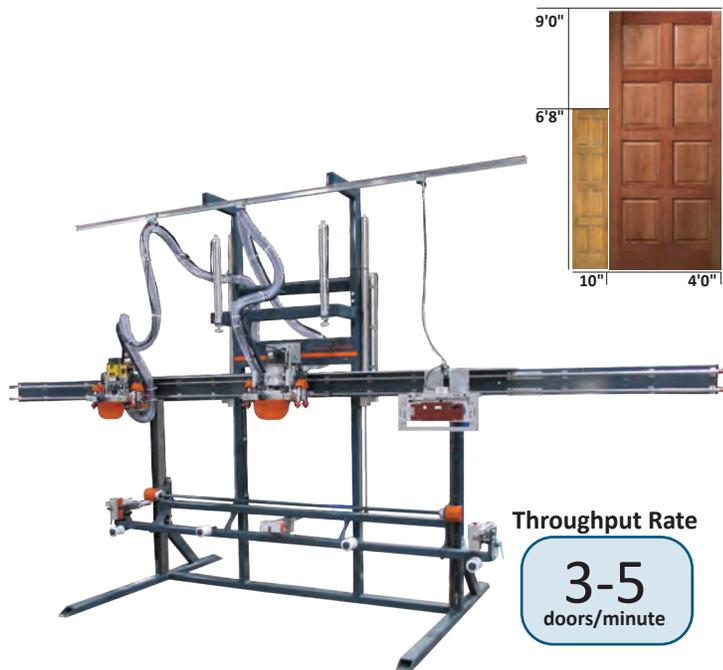


### MP-90 STANDARD FEATURES

- Template based system with the flexibility to machine for different brands of hardware
- Door machining time less than 5 minutes
- Stops and templates ensure consistent repeatability
- Self-centering
- Built-in power tools improve safety and minimize errors

### MP-90 CAPABILITIES

Door Width: 10" - 4"  
 Door Height: 6'-8" - 9'-0"  
 Door Thickness: 1-3/4" - 2-1/4"  
 Max Door Weight: 150 lbs  
 Eurogroove Length: up to 9'-0"  
 Pocket depth: up to 4"  
 Air PSI: 90  
 Electrical: 110V @ 20amps

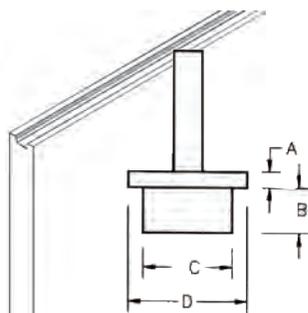


### EUROGROOVE STEPPED BITS



Shipping: 1 lb. each

Make the eurogroove in one pass with Multipoint Mortiser.

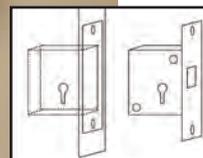


Cat. #	MFG.	A	B	C	D
NOR751	Schlegel	.125	.250	.750	1.00
NOR757	Truth	.125	.406	.563	.800
13-1929	GU & Lockmaster	.098	.374	.492	.650
NOR756	Roto-Frank	.098	.359	.484	.630
NOR753	Hoppe	.125	.367	.500	.630
NOR758	Winkhaus	.098	.366	.480	.795
NOR759	Winkhaus	.188	.366	.480	.638
NOR760	Paddock	.118	.512	.473	.630

### FOR WOOD OR ALUMINUM

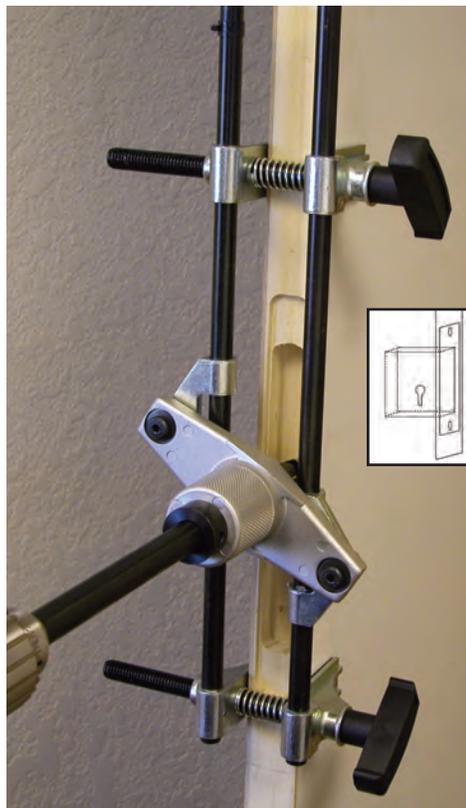
**Deep lock mortise in under 5 minutes!**

In order to cut mortising time to a minimum, this fixture incorporates unique quick-change cutters which allow the cutters to be changed in seconds, without removing the fixture from the door.



The mortise hole is automatically centered on the door and accurate results are obtained every time. Pocket width is determined by cutter diameter. Mortise up to 6" deep x 10" long. Includes: 7/8", 1" and 1-1/4" diameter bits.

**PRO100**  
**FREE SHIPPING**  
 Shipping: 11 lbs.



# DOOR & JAMB - STRIKE

## TNS4001 DoorTech RTS-4 Door Edge Template Kit



\* Not designed for use with T-Astragals

⊗ interior  
⊗ exterior  
10" plate  
1" to 2-1/4" door

Mortise strike plates, flushbolts, pivots, hinges, latch mortises, ball catches, roller latches and more!

This complete Router Template System is ideal for commercial, residential and architectural work when flexibility in job requirements is a priority. The holder attaches to the edge of the door and, by adding the template you desire, will help you quickly and accurately mortise just about anything.

Changing patterns is as easy as snapping on a different template; copies of the most commonly used templates are included in a binder, as well as is a cross-reference of manufacturer's part numbers and the Norfield part numbers.

This self-centering system has wood shoulders so your door will "finish" perfect, time after time. Each mortise pattern has its own precisely machined and clearly labeled template that locates accurately on the base unit with a quick snap-in action. If you perform one or more of the mortises mentioned here, this unique template system will pay for itself in no time!

**HOW TO ORDER TEMPLATES**  
Templates are custom made to match manufacturer's hardware.  
Call 1-800-824-6242 to order

### COMPLETE ROUTER TEMPLATE SYSTEM IS IDEAL FOR MULTIPLE TASKS

#### FEATURES

- Changing patterns is as easy as snapping on a different template
- When used with a dedicated router no adjustment to the router is required for different thickness hardware. The mortise depth is determined by the template thickness
- Works with square or up to 3° bevel doors

#### BENEFITS

- Works for commercial, residential and architectural work

#### Fixture Only DOR4001

**FREE SHIPPING** Shipping: 15 lbs.

#### TNS4001 KIT INCLUDES

- (1) DOR4001 RTS4 fixture
- (1) 9901-013 template guide
- (2) 13-029 guide bushing nut
- (1) DOR750 carbide router bit
- (1) SAF50 1/2" arbor
- (1) FST2072 plunge router bit
- (1) POR690 1-3/4" HP router
- (1) DEW621 2HP plunge router
- (1) NOR62949 13/16" guide bushing

#### SPECS

Door thickness: 1" to 2-1/4"  
Maximum depth cut: 2-1/4"  
Maximum mortise length: 10"

#### TNS4001

**FREE SHIPPING** Shipping: 15 lbs.

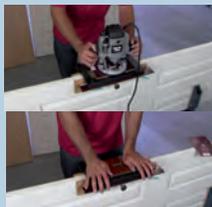
*Partial listing of the hardware mfg. we make templates for.*

- A-1 Security	- Engert	- Kwikset	- Multi-Lock
- Adams Rite	- E.S.P.	- LCN Door	- National
- Adesco Safe	- Exit Security	- Close	- Cabinet
- Alarm Lock	- Falcon	- Locknetics	- Lock
- American	- Framon Mfg	- Lori Lock	- Olympus
- Lock	- Folger	- Major Mfg	- Panef
- Amsec	- Adam	- Marks	- Pemko
- Arrow Lock	- GU	- Mas Ham-ilton	- Perry Black-burne
- Asp	- H.E.S.	- Master	- Russwin
- Assa	- Hoppe	- Locks	- Weiser Lock
- Bommer	- HPS	- Miwa/Slide	- Vingcard
- Cal Royal	- Hudson	- I.E.I	- Von Duprin
- Codelocks	- Gard	- Ilco-Unican	- Yale Lock
- Corbin	- Monarch	- Hardware	
- Don-Jo Mfg.	- KSP		

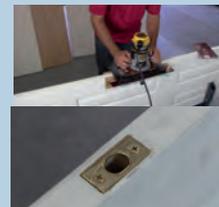
## DoorTech RTS-4 Latch Plate Procedure



1. Center the RTS-4 where the latch plate is to be installed on the edge of the door. Snap in the template.



2. Use the plunge router to machine the latch hole. Then replace the template with the latch plate template.



3. Mortise the latch plate. Your door is now prepped for the latch plate.

## DoorTech RTS-4 Extended Flushbolt Procedure



1. Position the RTS-4 so your center scribe aligns to where you would like the extended flushbolt. Tighten the handles.



2. Snap on the proper pocket template. Use a plunge router to rout the pocket.



3. Snap on the faceplate template, mortise the faceplate. Use the MFG50 (pg 31) and install the extended flushbolt hardware.

Templates sold separately, call to order templates. The number of templates required varies based on each application (usually 1-4 are needed)

# DOOR & JAMB - STRIKE

Door & Jamb

**MOUNT ANY LOCK EVER MADE! INCHES OR METRIC!**

## Finally, a lock mortiser that can adjust to any dimension in both a horizontal or a vertical position!

Specially designed for quick, precise mortising on doors that have already been hung without damaging the surface. Rapid measurement adjustments permit multiple mortises to be made in record time. And, if you need to make a series of mortises on unhung doors, you will finally be able to work horizontally. *No other lock mortiser can do this!*

For mortising grooved doors or those with overlap, there is an adjustment system that centers the machine precisely. Bits are easily interchangeable, as they use the same tool-holding shaft. Includes a 1" diameter lock mortising bit, a locking bar to make mortises on several doors at the same height, rubber protectors for delicate jobs, a dust collector connection with a universal dust collector port.

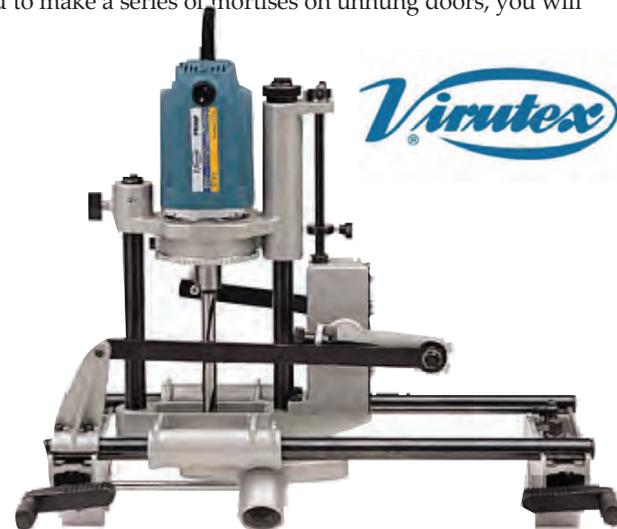
**1600395**

Shipping: 20 lbs. Free carrying case included.  
Drop shipped and is not part of our Free Freight offer.



### Specifications

Input power: 1,100 W, 1.5HP  
Max. bit ø: 1-1/4" (30 mm)  
Max mortising depth: 0-5" (0-125 mm)  
Max. mortising length: 0-7" + Bit diameter (177mm + bit ø)  
Max. clamp vise opening: 7-1/2" (190 mm)  
No-load speed: 23,000 rounds per minute



### CLAMP EXTENSION

Clamps VIR16S pocket mortiser onto either end of the door.

**1645287**

Shipping: 5 lbs.



### LOCK MORTISING TEMPLATE HOLDER

The lock mortising template holder is designed for making front and lateral recesses for any kind of lock on doors and frames. Designed for use with router VIR66 for making recesses for locks that open with magnetic anti-panic cards and special opening devices. The exclusive attachment system utilizes clamp vises that allow you to mortise doors that have already been hung without damaging the surface. The secure, reliable grip lets you work horizontally. Template includes a height bar which allows you to make identical recesses on several doors at the same height, with no need to readjust the lock mortising template holder.

**1645347**

Shipping: 22 lbs.

Templates are a special order item, please allow 2 months to process order.



A locking bar can be placed at a fixed height for multiple doors of the same height.



For magnetic card locks, anti-panic locks and other special kind of locks.



### REPLACEMENT SHAFT

**1645613**

Shipping: 1/4 lbs.

### Mortising Bits



Cat. #	Bit Size	Shank Size
1640150	17mm	
1640128	18mm	
1640129	21mm	
1640131	25mm	
1640132	30mm	
1640177	5/8"	1/4"
1640187	3/4"	1/4"
1640178	7/8"	1/4"
1640479	1"	1/4"
1640180	1-1/4"	1/4"
1640181	1-1/8"	1/4"

# DOOR & JAMB - STRIKE & EDGE

## Bits and Spare parts for the Virutex 1600395 FC16U Heavy Duty Pocket Mortiser



1025105- Knob M 8 X 35MM	1322078- Lock nut	1606222- Support
1606223- Support	1622210- Reg. Screw	1622230- Centering collar
1622231- Rod	1622232- Shaft	1622326- Bit Converter
1623223- Pawl	1626100- Spring	1626101- Pin Spring
1627109- Chuck Collet D 10	1640127- 16mm Metric mortising bit	1640128- 18mm Metric mortising bit
1640129- 21mm mortising bit	1640130- 23mm Metric mortising bit	1640131- 25mm Metric mortising bit
1640132- 30mm Metric mortising bit	1640138- Set of 5 carbide bits	1640148- 18mm Carbide drilling bit
1640150- Metric mortising bit	1640157- 12mm metric mortising bit	1640168- 1/4" Mortsing bit, 1/4" shank
1640177- 5/8" Mortising bit, 1/4" shank	1640178- 7/8" Mortsing bit, 1/4" shank	1640179- 1" Mortising bit, 1/4" shank
1640180- 1-1/4" Mortsing bit, 1/4" shank	1640181- 1/8" Mortsing bit, 1/4" shank	1640187- 3/4" Mortsing bit, 1/4" shank
1640258- 12mm Metric mortising bit	1640367- 20mm Metric mortising bit	1645266- Buffer
1645275- Buffer	1645529- Clamp Assembly	1645610- Spline Shaft for imperial bits
1645612- Spline Shaft for bits in inches	1645613- Spline Shaft modification kit	1645655- Handle assembly
1675099- Metric adaptor rod	1680026- Washer 8.2 x 20 x 2.5	1683018- Washer
1685033- Nut M. 12 left	1685034- Nut M 12 Right	1688102- Roll pin d .3 x 5
1699140- Cover	1715064- Switch	1910002- Ball Bearing, 608-ZZ 23
2404188 Bushing D.22 41	2710020- Ball bearing 6003-ZZ	4610039- Ball bearing 6004-2RS
4680057- Washer .37 x 20.2 x 2-20	6027107- Collet Nut	6488051- Spring pin D .2 x 15
6602364- Switch Safety	6602503- Switch Lever	6602504- Counter Lever
6615036- Switch	7278010- Screw M .5 x 15	8002043- AK Cord armor
8678008- Screw M 4 x 10		



Plunge depth is always important when using the Pocket Master. We recommend cutters be at least 4" OAL, i.e. WHI1073 on page 39.



### MASTERLINE POCKET MASTER IDEAL FOR MULTI-POINT LOCKS AND SOSS INVISIBLE HINGES!

This unique fixture clamps to the edge of a door. With only a plunge router, you can make mortises up to 11" long, 1-1/4" wide, and 2-1/2" deep.

Mortise width is determined by a combination of bit diameter and template guide diameter. Mortise length is determined by adjustable flipper stops.

- This fixture clamps to the edge of a door and with a plunge router can be used to make mortises up to 11" long, 1-1/4" wide, and 2-1/2" deep.
- Can be used for multi-point locks and Soss Hinges!
- Mortise width is determined by a combination of bit diameter and template guide diameter (see chart below).
- Mortise length is determined by adjustable flipper stops. Three sets of stops are provided so that the unit can be set for three different lengths of pockets. This works well for lock bodies that require stepped pockets.
- The clamp is preset for 1-3/8" and 1-3/4" thick doors
- A plunge router should be used so incremental cuts are made until the desired depth is achieved.
- Cannot be used with T-astragals applied to door.

**MFG350** **FREE SHIPPING**  
Shipping: 13 lbs

If your mortise is	Cutter dia. is	Guide dia. is	Order guide #
1-1/4" wide	1/2"	5/8"	POR42045
1-1/8" wide	1/2"	3/4"	13-030
1" wide	5/8"	1"	POR42030
7/8" wide	1/2"	1"	POR42030
3/4" wide	5/8"	1-1/4"	POR42021

# DOOR & JAMB - EDGE

Door & Jamb

## RTS-5 ROUTER TEMPLATE SYSTEM

This router template system is ideal for door edge prep using templates for mortising strike plates on double doors, flushbolts, pivots, hinges, latch mortises, ball catches, roller latches, security hardware, multi-point lock systems, and fire-rating plates.

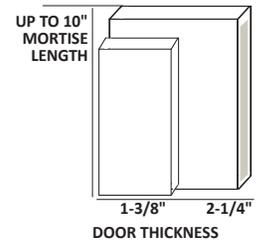
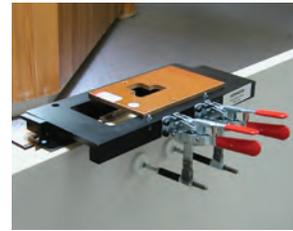
Mounts securely to a door without marking the door. Templates simply snap into place on the RTS-5 router template system. Copies of the most commonly used templates are included in a binder along with the template system.

Preparing the door for hardware will be simpler and more accurate when you use a custom template designed just for that hardware. Pressure-release clamps firmly affix the RTS-5 to the door without marring so your door will "finish" perfect every time.



**Works with T-Astragals!**

**Norfield**  
norfield.com • 800-824-6242  
**EXCLUSIVE!**



**TNS4001 KIT INCLUDES**

- (1) 9901-704 RTSS fixture
- (1) 9901-013 template guide
- (2) 13-029 guide bushing nut
- (1) DOR750 carbide router bit
- (1) SAF50 1/2" arbor
- (1) FST2072 Plunge router bit
- (1) POR690 1-3/4" HP router
- (1) DEW621 2HP plunge router
- (1) NOR62949 13/16" guide bushing
- (1) 17-325 RTSS manual
- (1) 17-041 RTS manual

**Fixture Only 9901-704**  
**FREE SHIPPING**  
Shipping: 10 lbs.

**FREE FREIGHT** on most orders over **\$500\***

**TNS5001** **FREE SHIPPING**  
Order templates separately. .  
Shipping: 40 lbs.

**WORKS WITH SQUARE ON UP TO 3° BEVELED DOOR**

## Custom templates for both DoorTech and Masterline products are easy to order!

### Step 1 - call 1-800-824-6242

Call Norfield at 1-800-824-6242 and let your rep know you need a custom template order placed.

### Step 2 - fax 1-530-879-3140

After you have obtained the original hardware manufacturer's spec drawings, fax or email them to your rep at the number above.

### Step 3 - confirm

Your sales rep may call to confirm details about your order:

- **details?** Will the template be for only one edge of the door

- **how many?** Some hardware preparations require multiple templates. Your rep will let you know how many will be required.

- **price?** While prices start at \$78.00 for each template, you can save by placing multiple orders for the same template at one time, so ask your rep about a quantity discount.

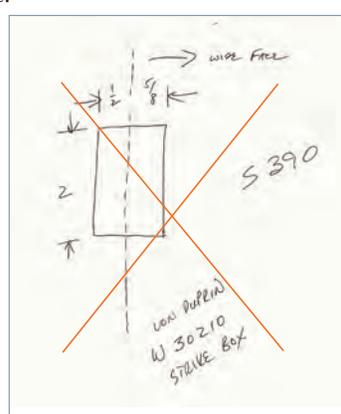
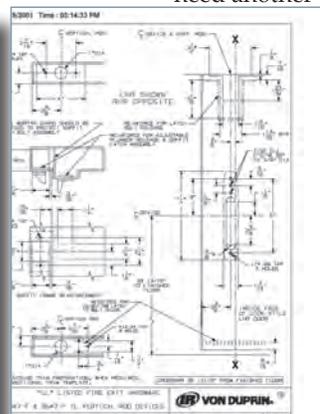
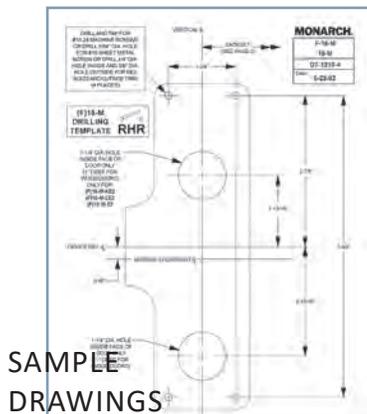
- **shipping?** Ask about our expediting service if you need it quickly.

Within seven business days, or less, your custom template will be shipped to you. We keep all template orders on record and your template will be labeled with a re-order number that you can refer to if you need another one.



Order templates for any type of hardware!

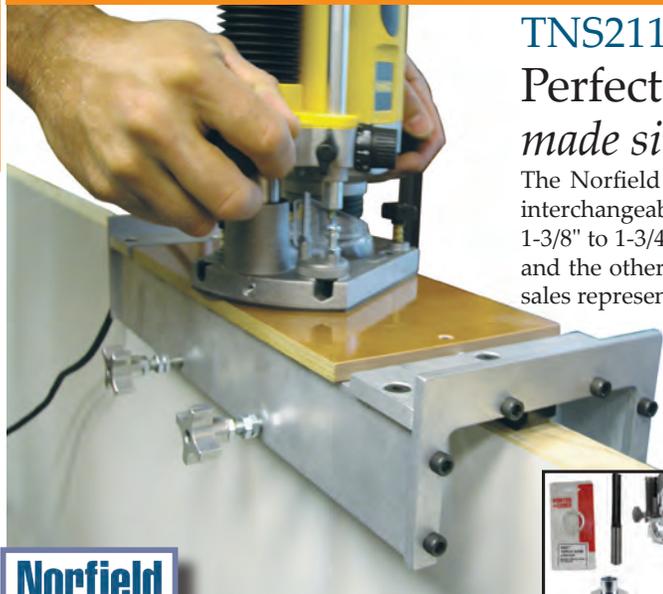
Custom templates for DoorTech and Masterline are guaranteed for workmanship and compliance with customer supplied drawings, but because of their custom nature, are not returnable



SAMPLE DRAWINGS

# DOOR & JAMB - EDGE

Door & Jamb



## TNS211 T-Master Kit

Perfect edge prep on inactive doors *made simple* using the T-Master.

The Norfield T-Master clamps to a door with or without a T-astagal applied, and interchangeable snap-on templates provide quick mortising for hardware. Pre-set for 1-3/8" to 1-3/4" max. door thickness. Two templates are required, one for the faceplate and the other for the latch or lock body (templates sold separately below). Ask your sales representative for details on ordering templates.



### FEATURES

- Interchangeable snap on templates.
- Works on beveled doors

### TNS211 KIT INCLUDES

- (1) 7707-701T-Master Fixture
  - (1) Dewalt plunge router (DEW621)
  - (1) 1/2" Diameter router bit (FST2072)
  - (1) Porter Cable template guide & nut (POR42045, 13-029)
- (Templates sold separately)*

### SPECS

- Use for 1-3/8" & 1-3/4" door thickness
- Preset for 1-3/8 to 2-1/4" max door thickness

### TNS211

**FREE SHIPPING**

### T-MASTER BASE UNIT 7707-701

**FREE SHIPPING**

Shipping: 7 lbs  
(Basic model does not include templates or accessories)

## TNS211 T-Master Procedures



**1.** Measure from the top of the door to the centering point on the fixture.



**2.** Tighten or loosen the clamp knobs on the side of template to lock the fixture in place. Then snap the template in place.



**3.** Plunge rout twice, once for strike plate thickness and 2nd for latch pocket depth



**4.** Finished result.

**FREE FREIGHT**  
on most orders over \$500\*

## TNS211 & TNS200 Templates



### FULL-LIP STRIKE

Plate Cat. #	Pocket Cat. #	Size	Radius
7706-011	7706-012	2-1/4"	1/4"

### FLUSHBOLT STRIKE

Plate Cat. #	Pocket Cat. #	Size
7706-066		1" x 6-3/4"



### T-STRIKE\* (1/4" radius)

Plate Cat. #	Pocket Cat. #	Size	Lip
7706-013	7706-014	1-1/8" x 2-3/4"	1-1/2"
7706-023	7706-024	1-1/4" x 4-7/8"	3-3/8"

\*T-Strike requires special router bit with top bearings



### NO-LIP STRIKE (1/4" radius)

Plate Cat. #	Pocket Cat. #	Size
7706-009	7706-010	1" x 2-1/4"
7706-027	7706-028	1-1/8" x 2-3/4"
7706-029	7706-030	1-1/4" x 3-5/8"

The T-Master and Strike Master use the same templates for making plate and pocket mortises in either a jamb or inactive door. Plate templates and pocket templates are both required for each fixture.

For custom templates, call 1-800-824-6242. Note: All templates except T-Strike Plate Templates use a 5/8" O.D. Router Template Guide and 1/2" diameter mortising bit (to the right).



**1/2" dia-1/4" shank  
SAF86**

**1/2" dia - 1/2" shank  
SAF85**

Shipping: 1 lb.

# DOOR & JAMB - EDGE

## MFG76400 EdgeMaster



### MASTERLINE EDGEMASTER

## Prep doors with just a drill or a plunge router!

Quickly prep doors for ball catches, roller latches, plate mortises, and latch bores with the MasterLine Edgemaster. You can prepare doors for ball catch pockets using your drill motor with the 1" drill bit (included). Then mortise the face plate using your standard router and the supplied 1/2" dia. router bit and the 3/4" guide.

*Max. door thickness: 2-3/4"*

#### FEATURES

- Can mortise for ball catch pockets with either a drill motor or use a plunge router
- Self centering clamp system
- Template driven plate bore. Easy to change, for various plate sizes

#### BENEFITS

- Quickly prep doors for ball catches
- One fixture for both plate and hole
- Perfectly aligned pocket and plate mortise

#### MFG76400 KIT INCLUDES

- (1) 7640-701 Edgemaster fixture
- (1) 165-050 1/2" router bit
- (1) 8157-001 3/4" OD Template guide
- (1) 13-029 lock nut
- (1) 9112-001 1" x 2-1/4" faceplate template
- (1) FOR62188 1" brad point drill bit
- (1) Instructions

#### MFG76400

**FREE SHIPPING**

Shipping: 10 lbs.

## MFG76400 EdgeMaster Procedure



1. Place the fixture on the door and tighten the clamp knobs.



2. Insert the 1" drill bit into the drill bushing and drill.



3. Pull down the drill fixture and insert the faceplate template.



4. Use the 1 to 1 router setup to rout the faceplate mortise.



**Finished result**



### PLUNGE ROUTER OPTION FOR BALL CATCH POCKET:

If you prefer to use your plunge router instead of your drill motor to mortise the pocket hole, order the following additional items:

**7640-009** 1-3/16" dia. Router Bushing (replaces 1" drill bushing)

**BOS85278** 1/2" dia. Plunge Router Bit (replaces 1" drill bit)



13-029



165-050



7640-029

### REPLACEMENT COMPONENTS

Part #	Item
7640-008	1" Drill Bushing
7640-010	7/8" Drill Bushing
7640-019	3/4" Drill Bushing
7640-029	15/16" Drill Bushing
FOR62188	1" Brad Point Drill Bit
165-050	1/2" Dia. Router Bit
8157-001	Template Guide
13-029	Template Guide Nut
9112-001	Faceplate Template

Shipping: 1 lb. each



**Want to buy the fixture without the kit?**  
**7640-701**

# DOOR & JAMB - BALLCATCH

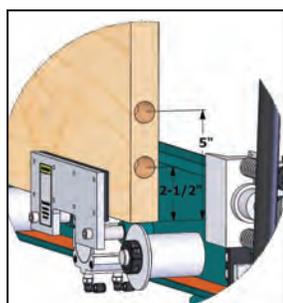
**Ballcatch Machine**  
**BALLCATCH DRILLING MADE FAST,**  
**SAFE, & CONSISTENT**  
**7756-800**



Pneumatic door clamping secures door for precision drilling.



Self-centering mechanism enables drilling 1-3/8" to 1-3/4" thick doors with out any adjustments.



Quick change adjustment for drilling 2-1/2" to 5" from door edge.



### BALLCATCH STANDARD FEATURES

- Quick change drill locator (no tools required)
- Pneumatic door clamping w/ foot valve
- Self centering drill guide (1-3/8" & 1-3/4")

### BALLCATCH OPTIONS

- 650 CFM Vacuum
- FAST**- Process 2 doors a minute.
- SIMPLE**- Minimal footprint only requires 110v and 3/8" air line.

### BALLCATCH CAPABILITIES

Door width 1'0" to 4'0"  
 Door Height 2'0" to 9'0"  
 Door thickness 1-3/8" to 1-3/4"  
 Ball catch drill dia  
 3/4", 7/8", 15/16", 1"  
 (Includes one bit)

Electrical 115V 60hz @20 Amps  
 Pneumatic less than 1.0CFM  
 Floor space req. (min) 3'x 8'  
 Shipping Wt. 300lbs.  
 Vacuum connection 2"

### REPLACEMENT BITS

#### CARBIDE TIPPED MULTI SPUR DRILL BITS



Cat#	Size	Shank	OAL
13-1427	3/4"	1/2"	6"
13-1428	7/8"	1/2"	6"
13-1426	15/16"	1/2"	6"
13-1425	1"	1/2"	6"
13-1429	5/8"	1/2"	6"

### Throughput Rate

**1-2**  
Doors/minute

# DOOR & JAMB - BALLCATCH & EDGE

**Norfield**  
norfield.com • 800-824-6242  
**EXCLUSIVE!**



[View video online!](#)

## MFG77000 MasterLine Stylizer Set

### The clean way to restile and rerail doors!

The unit consists of an adjustable fence mounted on a heavy-duty plunge router. The STYLIZER provides quick set-up and processing of a variety of preparations or modifications on interior or exterior flush doors.

#### FEATURES

- Restile and rerail doors
- Customize door sizes
- Install special door hardware, concealed door bottoms or hardware stiles and rails

#### BENEFITS

- Repair damaged doors
- Cut next to skin on the opposite side of the door from the fence protecting the skin

#### MFG77000 KIT INCLUDES

- (1) Stylizer fixture (STYLIZER)
- (1) 3/4" router bit (WHI1085)
- (1) 3-1/4 HP plunge router (DEW621)

#### SPECS

- Maximum mortise depth is 1-1/4"
- Guide angle can be positioned on either 1-3/8" or 1-3/4" thick doors

#### MFG77000

**FIXTURE ONLY: STYLIZER**

**FREE SHIPPING** Shipping: 26 lbs.

## MFG77000 MasterLine Stylizer Procedures



**1.** Place fixture on edge of door. Make one complete pass from one end of the door to the other.



**2.** Remove half the existing rail or stile so just the skin remains. Repeat process on the other side of the door.



**3.** Now the existing rail or stile is completely gone leaving just the skins behind.



**4.** Install rail or stile by placing wood glue on the skin and then insert your new rail or stile.

## MFG77 DrillMaster



**DRILLMASTER**  
⊗ interior  
⊗ exterior  
1-1/4" - 2-1/4" door

### INSTALL BALL CATCHES IN A FLASH

## Improve difficult cuts & save drill time!

This unique fixture is self-centering and will guide your bit to make a precise bore on any door edge. If you find the door's astragal is in the way, you'll find this fixture particularly useful. Large clamp pads are firmly secured under the T-astragal so the drill bushings can be positioned as close to the astragal as the hardware requires. One bushing included (7715-028).

#### FEATURES

- Guides a drill bit securely in the edge of a door
- Self-centers the position of the hole on the door edge
- Stop bar included on the drill guide fixture to aid in re-producing a hole in the same location on different doors

#### BENEFITS

- Get perfect ball catch time after time
- Improve difficult cuts & save drill time
- Bore holes from 3/8" to 1" in diameter

#### MFG77 KIT INCLUDES

- (1) 7715-028 7/8" bushing
- (1) 7715-701 drill guide fixture

#### SPECS

Used on 1-1/4" to 2" thick doors

#### MFG77

**FREE SHIPPING**  
Bits sold separately, pg 44.



**Norfield**  
norfield.com • 800-824-6242  
**EXCLUSIVE!**

#### HARDENED STEEL BUSHINGS

Part #	Size
7715-012	3/8" Bushing
7715-016	1/2" Bushing
7715-020	5/8" Bushing
7715-028	7/8" Bushing
7715-030	15/16" Bushing
7715-032	1" Bushing

## MFG77 MasterLine DrillMaster Procedures



**1.** Measure the end of the door to the centering point on the MFG77. Then lock the fixture in place with the self-centering handle.



**2.** Insert your drill and bore the hole to the desired depth.  
*Drill bits on page 44*



**3.** After you remove the MFG77, install the ballcatch.

# DOOR & JAMB - EDGE

## TREND LOCK JIG



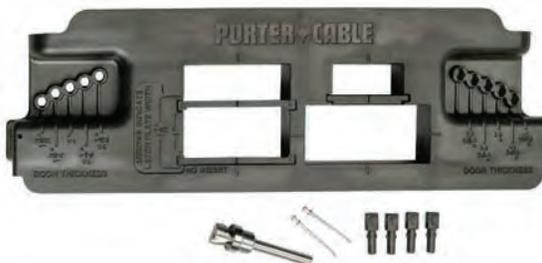
- For most common sash mortises & dead locks, with up to 3 inch deep mortises & a 7/8 inch or 1 inch face-plate. Deeper mortises can be achieved with a suitable size of auger bit.
- Fast, clean & accurate results on doors 1 5/16 inch to 2 1/4 inch thick, even in hardwood.
- Steel plates & body.
- Includes 15/32 inch diameter 1/2 inch shank TCT router bit and 1-3/16 inch screw-on style guide bush.
- Jig requires a router with 3-1/8 inch plunge.

*Includes: (1) Guide Bush Col- lar, (12) Face Plate Templates, (4) Mortise Templates, (1) 1/2" Shank 15/32" Dia TCT Router*

*Bit, (1) 1-3/16" Screw-on Style Guide Bush, (6) Spacer Fingers*

Use on doors 1-5/16 " to 2 1/4 " thick

**TRE14**



## NAIL-ON STRIKE & LATCH TEMPLATE

Used to rout both the strike and latch plate on doors and frames. Accommodates doors of various thickness: 1-3/8", 1-3/4", 2", 2-1/4", and 2-1/2" and both 2-1/4" and 2-3/4" strike plate sizes.

Template center marks enable quick and easy alignment. Extended template platform provides excellent router stability. Double-headed nails ensure easy removal from door and frame. Positive placement lock-in pins enable quick and secure placement of the template to the door and jamb.

*Includes: Template, 3 insert pieces, 4-positive placement lock-in pins, 2 double headed nails, and bearing guided bit.*

**POR59375**

Shipping: 1 lb.

## UNIVERSAL LATCH TEMPLATE

The Universal Latch Template will accommodate eleven different length sizes on the latch faces (2-1/8", 2-1/4", 3-7/8", 4", 4-1/2", 5-1/2", 6", 6-3/8", 6-3/4", 8", 9-1/4"). Does not require interchanging guides. Can be adjusted to five different widths (3/4", 7/8", 1", 1-1/8", 1-1/4").



**DEN2**

**FREE FREIGHT**  
on most orders over \$500\*

## LATCH FACE MORTISING TEMPLATES

This single latch template will produce a finish mortise for the edge of the door. Includes the red plastic center locator to position the template on the edge of the door in reference to the 1" hole bored in the door edge. Don't want nail holes in your door edge? Clamp a piece of wood to the face of the door and attach the template to the wood. Use a 5/8" outside diameter router template guide on your router and a 1/2" hinge mortising bit with this template.

Cat. #	Latch Face Size
TEM121	1" x 2-1/4"
TEM126	1-1/8" x 2-1/4"
TEM131	1-1/16" x 2-1/4"



## DRILL GUIDE FOR ELECTRIFIED LOCK WIRE RUN THROUGH DOOR

The drill guide provides an easy and accurate way to drill the wire raceway required for electrified locks. Simply drill from a hinge cut out to the desired location on the opposite side of the door. In most cases the door can remain mounted in the jamb, it just needs to be able to open about 100 degrees for clearance. The drill guide can be adjusted to the angle from door hinge to lock. Both drill guide and clamps are rubber lined to protect the door and provide a positive grip.

- Drill guide will drill a 1-3/4" door with a 3/8" diameter hole.
- A 48" carbide drill bit is supplied with the drill guide.
- Intended for use on non-fire rated doors only

**MAJHIT-60**

## REPLACEMENT DRILLS FOR MAR01

3/8" X 58"

**MAR02**

3/8" X 48"

**MAJHIT-60-3848**

Shipping: 2 lbs



# DOOR & JAMB - LOCK



## FOR STEEL DOORS

Use on standard 18 gauge steel doors

This tool is used to form a rectangular pocket in the edge of a hollow metal door for lock installations. Application of the tool is almost effortless. Simply drill the latch and cross-bore holes, and install the tool. A few turns with a wrench will squeeze an indentation into the door's edge.

The result is a pocket that will accept both 1" and 1-1/8" wide by 2-1/4" tall latches.

**MAJMDLT1**

Shipping: 3 lbs.

**Specially designed to retrofit existing locks for ADA compliance, and more!**

MAJ111



MAJ12



Our most versatile drill guide for retrofit jobs. The MAJ111 is a multipurpose jig used on both wooden or metal doors to retrofit cylindrical lever locks of various manufacturers. Here is the all-around tool for ADA mandated lever handle locks.

**MAJ111:** Arrow Sierra; Assa Brooklyn; Cal-Royal Grade 1; Corbin Russwin CL3300 & CL3900 Series; Lori 2100, 2200, 2250 Series; Marks Hardware 170, 190/195, 195/295 Series; Medeco Embassy 17 & 19 Series; NT Falcon/B Series, grade 2 & T series; grade 1; Omnilock, PDQ Spirit/all series; Sargent 10Line, grade 1, Schlage AL, grade2; Schlage Rhodes, grade 1; Yale 5300LN, grade 2 & 5400LN, grade1 and more

**MAJ 111**

For 1-3/8" to 2" doors with 2-3/4" backset

If you install Best cylindrical lever locks, the MAJ12 is one installation tool you'll want. Mounting the MAJ12 to the door is a breeze, and drilling perfectly positioned holes is accomplished in a matter of minutes.

**MAJ12:** Best 9K, grade 1

**MAJ 12**

For 1-3/8" to 2" doors with 2-3/4" backset

Designed to be used with Sargent 6500 series grade 2 locks as well as many imported and private labeled locks. **MAJ13:** Sargent 6500 series, grade 2

**MAJ 13**

For 1-3/8" to 2" doors with 2-3/4" backset



MAJ13



## STRIKE PLATE MARKER

The 1-1/8" x 2-5/8" Heavy Duty Strike Plate Marker is used for marking the wood frame when mortising many standard deadbolt strike plates.

**PROSM100**



## DEADBOLT MARKER

The 1-1/8" x 2-1/4" Heavy Duty Deadbolt Marker is used for marking the wood door when mortising many commercial deadbolt and latch face plates.

**PROLM102**



## LIP STRIKE MARKER

The 1-3/4" x 2-1/4" Heavy Duty Lip Strike Marker is used for marking the wood door when mortising many standard deadbolt-latch strike plates.

**PROSM104**



## LATCH MARKER

The 1" x 2-1/4" Heavy Duty Latch Marker is used for marking the wood door when mortising many standard deadbolt and latch face plates.

**PROLM101**



## 1" X 2-1/4" LATCH MORTISER

Removable steel blade that you can sharpen with your own file but also replace with a new blade when needed. Easy to use, just insert the aluminum center alignment plug into the 1" latch bore on the edge of your door, then strike the steel handle with your hammer to create the outline of the 1" x 2-1/4" latch that you are installing. Use your own hand chisel to finish the mortise in the door edge.

**TEMLM001**

Replacement blade **TEMLBLADE1**

# DOOR & JAMB - FLUSHBOLT

## MFG5600 6" Flushbolt Template



Use on:  
interior doors &  
exterior doors

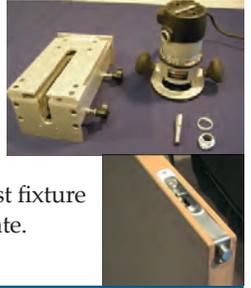


Recommended for use with Porter-Cable 690 Router.

## MASTERLINE FLUSHBOLT TEMPLATE

Use this rugged template to create flushbolts... it *will* save you time and money!

The unique design allows all cuts to be made without adjusting the router cut depth. Three separate cuts: faceplate, pocket and end. Dedicate a router to this fixture for maximum labor savings. This aluminum-cast fixture is extremely durable and consistently accurate. For use on standard 3/4" x 6" hardware only.



### FEATURES

- Use with most standard T-Astragals
- Increase operator safety
- Aluminum body will not rust

### BENEFITS

- Precision machining for exact hardware fit
- Portable – ideal for shop or job site
- Cuts labor dramatically
- No more damaged doors due to improper routing

### MFG5600 KIT INCLUDES

- (1) 7500.00 Flush bolt template
- (1) WHI1085 router bit
- (1) 13-029 lock nut
- (1) POR42030 template guide

### SPECS

For 1-3/8" to 1-3/4" doors

### MFG5600

**FREE SHIPPING** Shipping: 10 lbs.

## MFG5600 Flushbolt Template Procedures



**1.** Setup your router with the 3/4" bit and template follower.



**2.** Place MFG5600 on end of door and secure. Create a side mortise for the flushbolt faceplate. Create a top mortise for the flushbolt faceplate.



**3.** Opening the plate template will allow you to rout for the flush bolt pocket. Once done, remove the template and the prep is complete.

## REPLACEMENT PARTS

Part #	Item
7574-001	Hinged Top Plate
7574-002	Bottom Plate
7574-003	End Plate
7570-002	Side Plate

Shipping: 2 lbs. each



### REPLACEMENT ROUTER BIT WHI1085

3/4" DIA. / 1/2" SHANK



View the video at [norfield.com](http://norfield.com)



Use on:  
interior doors &  
exterior doors

## 7" FLUSH BOLT FIXTURE

This fixture allows for a perfect consistent cut for 7" flush bolts in one pass. This aluminum fixture is extremely durable and preps doors for flush bolt installation with consistent accuracy. Dedicate a router to this fixture for maximum labor savings.

For use on standard 3/4" x 7" hardware only.

**7500-700** Shipping: 10 lbs.

### MFG7500 KIT INCLUDES

- (1) 7500-700 Flush bolt fixture
- (1) WHI1085 router bit

(1) 13-029 lock nut

(1) POR42030 template guide

**MFG7500**

## 7" Flush bolt Fixture Procedures



**1.** Setup your router with the 3/4" bit and template follower.



**2.** Center the fixture on the door and secure. Run the router inside the fixture.



**3.** Remove the fixture and you have created a perfect flush bolt pocket.

### FEATURES

- Use with most standard T-Astragals
- Increase operator safety
- Aluminium body will not rust
- Micro length adjustment for variation in hardware length

### BENEFITS

- Precision machining for exact hardware fit
- Portable – ideal for shop or job site
- Cuts labor dramatically
- No more damaged doors due to improper routing.

### SPECS

For 1-3/8" to 2-1/4" doors

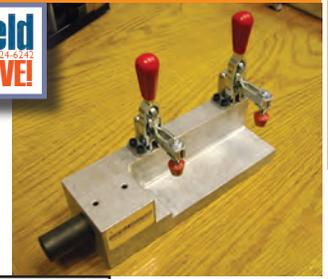


# DOOR & JAMB - FLUSHBOLT

## MASTERLINE EXTENDED FLUSHBOLT DRILL GUIDE

Drill 12" accurately and quickly!

Don't risk damaging the face of your doors by drilling long holes without our catalog exclusive Extension Flushbolt Drill Fixture! Need to go longer? No problem. Remove the fixture – you've got a 12" guide hole to work with. This aluminum cast drill fixture clamps to the corner of your door to guide a 1/2" diameter auger bit for extension flushbolt rods.



### FEATURES

- Drill 12" hole
- Replaceable hardened steel drill bushing to accurately guide the drill bit
- Durable and adjustable steel hand clamps

Part #	Item
BOSLT08	18" Auger bit
7708-001	Drill bushing (replacement)
FUL256	18" Brad-point drill bit
FUL48	48" Brad-point drill bit

### FLUSHBOLT KIT INCLUDES:

- (1) Extended Flushbolt Fixture
- (1) FUL256 18" brad point drill
- (1) Instructions

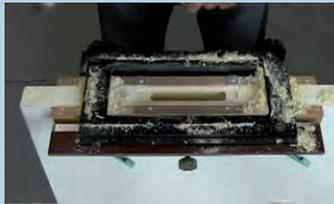
**MFG50** 1-3/4" doors

**MFG51** 2-1/4" doors

The Extension Flushbolt Drill Fixture cannot be used with T-Astragals.  
*Clamp the guide to the corner of the door to make a laser-straight hole.*

View the video online!  
[norfield.com](http://norfield.com)

## MFG50 Extended Flushbolt Procedures



**1.** Use the RTS-4 (pg 20 ) to mortise the pocket and faceplate.



**2.** Position and clamp the Extended Flushbolt Fixture to the top edge to the door.



**3.** Place the bit into the guide bushing and drill until the hole breaks through the pocket.



**4.** Install the Extended Flushbolt hardware and screw in the faceplate.



TEM602

Used to produce the finish mortise for the 'Push Rod' strike plate. These templates will produce the finish mortise on the inside of the door jamb face.

### FLUSHBOLT STRIKE MORTISING TEMPLATES

Cat. #	Finished Rout Size
TEM602	1" x 6-3/4"
TEMFBGP1	1" x 2"



TEMFBGP1



### FLUSHBOLT, 1" X 8 1/2" WRAP-AROUND CLAMP-ON

This template will create the 1" x 8-1/2" finish mortise and the 2" x 7-1/8" deep pocket mortise for the latching hardware on the edge of the door.

It will also do the 1" x 6-1/16" finish on the top of the door, similar to the Rockwood 2905 Self Latching Top Bolt. This is a "Wrap-Around Clamp-On" style template.

Template wraps the top of the door edge and is clamped to the door face using your clamps. This template is adjustable for door thickness. Not designed for doors with astragals attached.

Simple to use; just mortise the deep mortise to the depth required for the hardware being installed then remove the red stop and mortise the finish or shallow mortise.

**TEM6028**

# DOOR & JAMB - LOCK

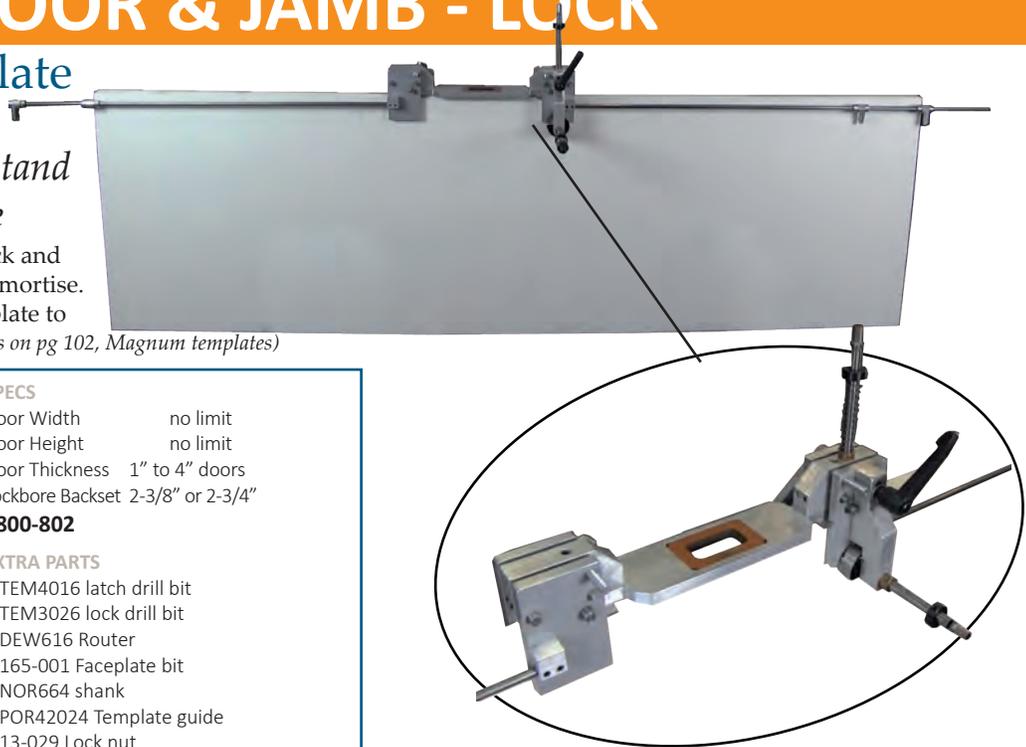
Door & Jamb

## Lock Latch & Faceplate

*Used with the Prehangers*

*Workbench, 350H, or as a stand alone door edge prep fixture*

This fixture references and preps the lock and latch holes. It also mills for a face plate mortise. The fixture uses a template for the faceplate to accommodate a variety of sizes (view sizes on pg 102, *Magnum templates*)



### FEATURES

- Separate reference tabs to position the lock/latch and then the faceplate mortise
- Fixture includes both the latch and lock drill as part of the fixture
- Machines the 2-1/8" lock, 1" latch hole and faceplate using a drill and fixed base router
- This fixture allows for quick change out to machines various faceplate sizes.
- Comes with one standard 1" x 2-1/4" faceplate template.
- Many other faceplate templates sizes available
- Quick release adaptor is included

### SPECS

- Door Width no limit
- Door Height no limit
- Door Thickness 1" to 4" doors
- Lockbore Backset 2-3/8" or 2-3/4"

### 7800-802

### EXTRA PARTS

- TEM4016 latch drill bit
- TEM3026 lock drill bit
- DEW616 Router
- 165-001 Faceplate bit
- NOR664 shank
- POR42024 Template guide
- 13-029 Lock nut

[View How to video online](#)

## 7800-802 Procedure



Simply drill the lock bore with the TEM3026 lock drill bit that is included with the fixture.



Easily drill the latch bore with the TEM4016 latch drill bit which is included in the fixture.



Finish by routing the faceplate mortises with the 1" x 2-1/4" latch template.



### DOUBLE BORE MASTER

Save time on deadbolts and cylindrical locks. *Setup is quick and easy!*

This unique double lock fixture is made from solid aluminum castings. Four (replaceable) bronze bushings guide the spur bits and produce exact bores at 90° to each other on 5-1/2" centers. This model has a fixed centerline of 5-1/2" and will bore two latch bores and two cross

bore holes with the same set up. Custom centers are also available by special order.

Six magnets hold bits in place in the retracted position. For use on doors 1" to 2-1/2" and lock back spacing of 2-3/8" and 2-3/4".

**TEM202** *FREE SHIPPING*  
Shipping: 9 lbs.



Automatic center punch prevents drill bit "travel!"

This spring-activated punch makes a perfect dimple in the doorskin surface to keep your drill bit from traveling and scratching the door surface. It's specially designed to function perfectly for metal, fiberglass and wood doors alike. Use with all Mortise Lock Function Guides.

**DOR819**  
Shipping: 1 lb.





# DOOR & JAMB - LOCK



## DRILL MASTER II

Like the larger MAJ444 Drill Master, the MAJ50 Drill Master 2 uses the same interchangeable guides for drilling latch holes. The guided multi spur tower allows the use of standard 1/2" shank spur bits or remove the tower and use hole saws from both sides of the guide as an option. The jaws are rubber padded for both a better grip and to protect the door finish. The MAJ50 has a door range from 1-3/8" to 2-3/4" with backset adjustable for both 2-3/8" and 2-3/4". Break out plates are provided for 1-1/2" and 2-1/8" hole sizes. The entire guide is machined from aluminum and anodized gray.

**MAJ50**



## BI-METAL DOOR LOCK INSTALLATION KIT

- Compact injection molded hole saw kit box with carrying handle delivers portability and jobsite durability
- Hole saw kits include new quick-change mandrels for increased user productivity and replacement parts (including two additional Pilot Point centering bits) for increased user value
- Three trade specific configurations contain the most commonly used sizes
- Door lock kit utilizes C-clamp design with tool-free clamping and no surface damage
- Versatile design provides compatibility for the two most common backsets and door thicknesses
- Door lock kit utilizes alignment window and taller bushings to deliver accurate height placement and straight drilling
- Door lock kit includes two adjustable bushings which accept both standard backsets and both common door thicknesses, also includes a mandrel

**DEW180**



## FOR WOOD OR METAL!

### Heavy-duty boring jig gives you pinpoint accuracy!

Now, by simply turning a knob, the back-set can be changed from 2 3/8" to 2 3/4". Door range 1-1/4 to 2-3/4. Interchangeable adapters make this the ideal tool when you're using either auger bits, multi-spur bits or hole saws.

Jaws are soft-padded to protect the door surface and to ensure a firm grip. Multi-spur guide is easy to remove when you need to allow the use of holesaws for steel door installations. Available as jig only or save by buying the kit!

#### DrillMaster Kit includes:

- Drill Master
  - 1" Brad Point Bit
  - 2-1/8" Multi-Spur Bit
  - 3-in-1 Latch Marker
  - Strike Marker 1-1/8" X 2-3/4"
  - Quick Release Bit Adapter
  - 1" Strike Locator
  - Tool Box
- Shipping: 17 lbs  
(Router not included.)



**MAJ444** *FREE SHIPPING*

#### DRILL MASTER (Only): (Bits not included.)

**MAJ44** *FREE SHIPPING* Shipping: 12 lbs.

**BRAD POINT BIT, 1" MAJ44B15** Shipping: 2 lbs.

**MULTI-SPUR BIT, 2-1/8" CARBIDE TIPPED MAJ44B22**

**BREAKOUT COLLAR SET 1-1/2" & 2-1/8" (one each) MAJ44BP2** Shipping: 1 lb.

**QUICK RELEASE BIT ADAPTOR MAJ44QR1** Shipping: 1 lb.



# DOOR & JAMB - LOCK

The most important tool you'll *ever own* if you're retrofitting for exit devices, security cards and electronic devices.

This Face Template System makes machining for "panic" hardware a snap! The backset adjusts smoothly from 0" to 7" which makes it ideal for unilocks, flush pulls and even hospital latches. Just line up the backset centerline on the built-in ruler.

This unique system consists of an adjustable base unit and snap-on phenolic templates designed to perfectly match your hardware. The unit holds templates on both faces of the door at the same time, and tightens securely to the door with the twist of two knobs.

Each template is precisely machined and clearly labeled for accurate location on the base. Compact unit and templates make the Face Template System the right choice on the job site as well as in the shop. Excellent for VingCard, Saflok, Ilco, and many more.

## FACE TEMPLATE SYSTEM 1000

**Order complete package and SAVE!**  
**Package includes:**

- 13/16" Guide Bushing with Nut
  - 1/2"x 4-1/2" Plunge Router Bit
  - 2 HP Porter Cable Plunge Router
- Order templates separately.*

**TNS1000** Complete Package  
**FREE SHIPPING**  
**9902-701** Base Unit Only\*  
**FREE SHIPPING**

\*Base unit only—does not include templates.  
 Shipping: 13 lbs.

Ask us about Layout Guides for Exit and Security Hardware for Hollow Metal Doors

The base unit is designed for square and bevel-edged doors from 1"- 2-1/4" thick (infinite adjustment within this range).

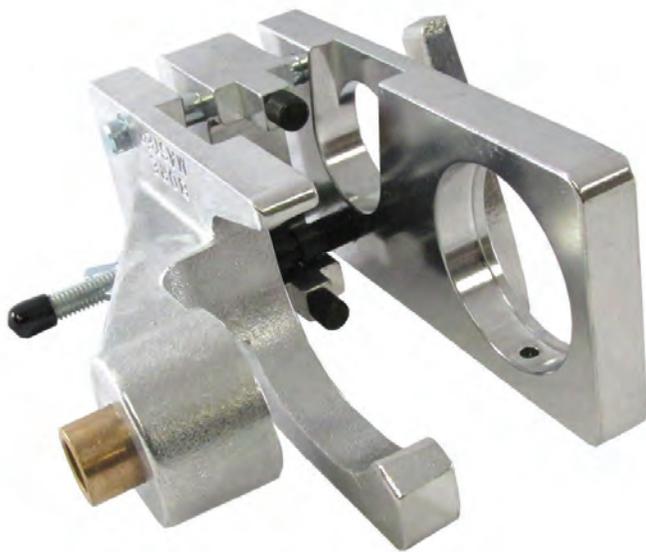
**TEMPLATES**  
 Manufacturer's hardware drawings will be required to place order for templates.



**In a Hurry?**  
 You can get what you need by tomorrow! We ship UPS Over night, 2nd-day, and 3-day Select.

**COMPONENTS** Shipping: 1 lb. each  
 (not included in base price - templates ordered separately.)

Catalog #	Req.	Qty	Description
NOR62949	X	1	13/16" Guide Bushing
13-029	X	1	Guide Bushing Nut
FST2072	X	1	1/2"x 4-1/2" Plunge Router Bit
DEW618PK	X	1	2-1/4 HP Porter Cable Plunge Router



## BASIC BORE MASTER

Get the greatest holding power!

You won't ever again damage an expensive door because of fixture slippage. This fixture design is unique to the industry and is a real workhorse. It has the largest surface area contacting the door and the greatest holding power, preventing the slightest movement on the door while in use.

This clamp-on door fixture will adjust from 2-3/8" to 2-3/4" backset positions for most cylindrical locksets, and will adjust for doors from 1" to 2-1/2" thick.

Replaceable bronze bushings at both edge bore and cross bore positions maintain a perfect alignment for the boring bits.

**TEMBM001**  
 Shipping: 6 lb.

**REPLACEMENT PARTS**

TEMSP101	Back Plate
TEMSP104	Handle
TEMSP105	Lead Screw
TEM1904	Backset Screw pair
TEM905	Bushing, two required

# BITS - LOCK & LATCH

Bits

## 1" INSERT BIT & ACCESSORIES

Experience the money-saving benefits of insert tooling. Each replaceable insert cutting tool includes two cutting edges allowing you to double your cutting edge capability. Replacing insert blades are less expensive than re-sharpening or re-tipping a braised-in bit, and will guarantee the width of your cut each and every time.



205-001

## 1" INSERT TWIST DRILL BIT

13-1251

205-001

With Flat

205-200

Round shank



NOR1730820

## 1" INSERT CARBIDE REVERSIBLE REPLACEMENT BLADE

13-1255

(ONE BLADE)

NOR1731

(TI COATED)



## 1" INSERT BIT METRIC SET SCREW

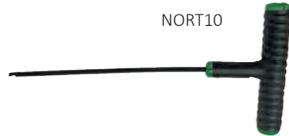
NOR172

## 1" INSERT BIT TORX WRENCH

Not included in bit purchase.

NORT10

Shipping: 1 lb. each



NORT10



## Insert Lock Drill Bit Set Screw Kit with Torx Wrench

Kit Includes

- 2 each NOR168, set screw for scoring spur
- 4 each NOR164, set screw for raker knives
- 1 each NOR161, set screw for center point
- each NOR166, Torx wrench

Replaces set screws on the 2-1/8" Insert lock drill bit

NOR1600

## CARBIDE-TIPPED BRAD POINT SPUR MACHINE DRILLS

Carbide-tipped for drilling plastics, laminates, chip core and other tough to drill materials. Eliminates tearing, and won't wander leaving a cleaner cut.

Cat. #	Size	Shank	Twist Length	Overall Length
FOR62200	1/2"	1/2"	4"	6"
FOR53100	1"	1/2"	4"	6"
FOR53104*	1"	1/2"	4"	5-15/16"
FOR53101**	1"	1/2"	4"	5-15/16"
FOR53103***	1"	1/2"	4"	5-15/16"

\* Threaded Shank

\*\* One flat on shank

\*\*\* 3 Flats on shank



## Reduce bit changeover time and eliminate sharpenings!

STANDARD ON  
NORFIELD  
MACHINERY

An insert tooling kit will save you money!

Purchase the starter kit today and you won't need to continually sharpen or buy new bits – you simply replace the raker knives and scoring spurs. Changeover is faster because you don't need to pull the bit out of the machine.

Two double-sided raker knives and scoring spurs come with the kit, so it's like getting two bits! Then, you just purchase carbide replacement knives as you need them – they come in boxes of ten. We stock all the replacement parts.



Kit includes:

- Insert Lock Drill Bit

2-1/8" Insert Lock Drill Bit

1/2" Round Shank or with Flat

Double Edged Raker Knives and Scoring Spurs



5-3/4" OAL

Complete with:

- Center Points
- Raker Knives
- Scoring Spurs
- Spare Torx Key

## 2-1/8" INSERT LOCK DRILL BIT KIT

13-612 Flat on Shank

NOR776421

Round Shank

**REPLACEMENT PARTS**

**RAKER KNIVES** *Box of 10*  
200-101  
NOR7765 (Ti coated)

**SCORING SPURS** *Box of 10*  
13-620  
NOR16263 Ti coated

**CENTER DRILL**  
13-686 *drill, high-speed steel*  
NOR162624 *Center Point, Carbide*

**SCREWS FOR 2-1/8" BIT**  
Insert Raker Knives **NOR164**  
Scoring Spurs **NOR168**  
Center drill **NOR161**

**Torx Wrench** **NOR166**  
Shipping: 1 lb. each

## CARBIDE TIPPED LATCH BORING BITS

Ideal for materials that can be tough on bits. Can be used in drilling hardwoods, fiberglass, plastics, laminates, or chip core.

Cat. #	Shank	Size	Length	Cat. #	Shank	Size	Length
TNS784	threaded	7/8"	5-7/8"	TNS15161	with flat	15/16"	6-1/4"
TNS15164	threaded	15/16"	5-7/8"	13-315	with flat	1"	6-1/4"
13-311	threaded	1"	5-7/8"	TNS1	round	1"	6-1/4"
TNS15	threaded	1"	5-1/2"	TNS16	threaded	1-1/16"	5-7/8"

Shipping: 1 lb. each



# BITS - LOCK BORE

Bits

## LOCK & LATCH BORING BITS

Carbide-tipped bits are recommended for wood doors.

Carbide bits sometimes leave a finish so smooth that you will find it unnecessary to even sand! Tungsten carbide was chosen as the tip of preference because it provides the highest durability ratio, for the longest life, even under industrial conditions.

All bits work with Norfield machinery and most door prehanging equipment.



## CARBIDE-TIPPED MULTI-SPUR® MACHINE BITS

- Works equally well across or with the grain.
- Excellent for boring overlapping holes or on close centers
- Multiple outlining spurs bore clean holes
- 1" and smaller carbide-tipped spur bits come with carbide on every other tip
- Available up to 4" in diameter
- Flat on shank: add \$7.50.
- 1/2" Shank

Size	Cat. #	Size	Cat. #
3/4"	FOR62779	1-1/2"	FOR1112
7/8"	FOR62780	1-5/8"	FOR1518
15/16"	FOR62781	1-5/8" flat	FOR15181
1"	FOR62782	2-1/8"	FOR1218
1-1/4"	FOR340	2-1/8" flat	FOR12181
1-1/4" flat	FOR340F	Shipping: 1 lb. each	

## CARBIDE-TIPPED LOCK BORING BITS

- 5-3/4" Overall length
- 1/2 shank
- Works on most pre-hung door equipment
- Carbide tipped for long life, these bits are recommended for wood doors

Cat. #	Size
TNS1581	1-5/8" Flat
TNS1781	1-7/8" Flat
TNS218	2-1/8"
TNS2181	2-1/8" Flat
TNS2183	2-1/8" 3 Flats



## CARBIDE-TIPPED 3-WING BIT

Bore plastic Formica™ and tempered Masonite™ as well as abrasive materials and hardwood.

	WITH FLAT	ROUND SHANK
Size	Cat. #	Cat. #
2-1/8"	FOR2181*	FOR218
1-5/8"	FOR1581*	-----
1-1/2"	FOR1121*	-----
1"	FOR570176*	FOR62832

Shipping: 1 lb. each \*Works on a Magnum



## ROUND SHANK CARBIDE-TIPPED 3-WING DRILL

Designed to bore plastic Formica™ and tempered Masonite™ as well as abrasive materials and hardwoods. Also excellent for lock hole boring in wood doors.

Cat. #	Size	Overall Shank	Length
13-1427	3/4"	1/2"	6"
13-1428	7/8"	1/2"	6"
13-1426	15/16"	1/2"	6"
13-1425	1"	1/2"	6"
13-1429	5/8"	1/2"	6"

Shipping: 1 lb. each

**In a Hurry?**  
You can get what you need by tomorrow! We ship UPS Overnite, 2nd-day, and 3-day Select.



## 3-WING CARBIDE-TIPPED BORING BIT

Works on Ruvo Machinery. Great for hardboard! 2-1/8" plug-less bit. This bit features carbide at a 30° angle—the result is clean cuts, while shavings peel away.

- TUF3** Flat on shank
- TUF4** Round shank

Shipping: 2 lbs each

# BITS - HINGE & LATCH MORTISING

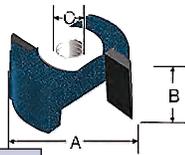
## HINGE MORTISING BITS

Specify the best to get the longest bit life!

Patented micro grain carbide is designed to keep a sharp cutting edge up to 30% longer than standard micro-grains in difficult wood-working applications, resulting in less frequent bit changes, added productivity and reduced costs. Will cut entire mortise in one pass. Choose either 1/4" or 1/2" shank.

Bits

## CARBIDE-TIPPED BITS



Cat. #	A Cutting Dia.	B Cutting Length	C Shank Dia.	Thread Size
160-101	1-1/4	17/32	*	5/16-24
160-120	1-1/4	17/32	*	1/4-28
165-001	1/2	1/2	*	1/4-28



\*Requires shank purchased separately (to the right).  
Shipping: 1 lb. each



## SHANKS FOR HINGE BITS

167-000	1/4", 5/16-24 Thread, 1-5/8" OAL
167-020	1/2", 5/16-24 Thread, 1-7/8" OAL
13-735	1/2", 1/4-28 Thread, 2-5/8" OAL



## ONE PIECE BITS

Cat. #	Type	A Cutting Dia.	B Cutting Length	C Shank Dia.	OAL
165-050	Carbide	1/2	1/2	1/4	2-3/32
BOS85159	HSS	1/2	13/32	1/4	2-1/4



## NORFIELD INSERT HINGE MORTISING BIT

No time for sharpening?  
Simply rotate the blades!

Double-edged blades will save you hundreds!

Use on the Norfield Magnum, 350H, 4000, 5000 or the Eagle Machines!

Now you can double the life of one blade...use the other two edges! This unique insert hinge mortising bit will save both time and money. In most cases, blades can be rotated or replaced without removing the router at all.

Tremendous cost savings!

- Use all four edges of each blade

Interested, but not sure? Try it for 60 days. If you're not satisfied with the quality of your cut, you can return the product!

Use blades on edge A until they become dull, then simply rotate 180° to use edge B!



## INSERT HINGE BIT FOR 5/8" RADIUS

13-734  
Requires separate purchase of 1/4-28 thread, 1/2" or 3/8" shank.

## REPLACEMENT KNIVES (Reversible, pk of 10)

150-102  
FST121 (ti-coated)

## RECOMMENDED SHANK

(Both shanks have 1/4-28 thread)  
13-735 2-5/8" OAL, 1/2" ARBOR  
NOR665 3/8" ARBOR  
Other arbors available on page 39.



## REPLACEMENT KIT

1 Allen wrench, 2 screws  
NOR663  
Shipping: 1 lb  
NOR667 Setscrews



## INSERT CARBIDE-TIPPED ROUTER BITS

The cutter has been designed so the insert has two cutting edges exposed - you can plunge cut! (Other sizes available).

1/2" CUT DIAMETER, 1/4" RADIUS, 1/4-28 THREAD  
NOR500



## REPLACEMENT KNIVES

150-102 PKG OF 10  
NOR600 (Gauge holder)



# BITS - HINGE & LATCH MORTISING

## ROUTER BITS

The reverse helix design solves the problem of furring on thin-faced veneers. Besides the downward shear action which ensures a clean cut in most materials, this cutter has an open throat, screw-on design, brazed in micro grain carbide, and sizes that range plus- or minus-thousandths from 1/2" to 1 1/2". The open throat allows the cutter to run cooler, thus extending the life of the carbide, and dadoes and grooves remain clean.

Please note: the open throat design is not conducive to plunge cutting. A short transverse as it drops into the material is required. If plunge cutting is required for your application, take a look at Insert Tooling, page 36.

ALL CUTTERS = 1/4-28 THREAD

Cat. #	Size
265-001	1/2"
SAF515	1/2"+.015
SAF563	9/16"+.015
SAF625	5/8
SAF640	5/8"+.015
SAF750	3/4"
SAF875	7/8"
SAF1250	1-1/4"

Shipping: 1 lb Other sizes available.



SCREW TYPE ARBORS

Cat. #	Diameter	OAL
SAF25	1/4"	1-7/8"
13-1029	1/2"	1-3/8"
13-891	1/2"	2-3/8"
SAF501*	1/2"	2-7/8"
SAF51	1/2"	3-1/4"

Shipping: 1 lb.



\*Note: has removable bearing

## HINGE MORTISING CARBIDE-TIPPED, 2-1/8" OAL



2-1/8" OAL Cat. #	Cutting Dia.	Cutting Length	Shank Dia.	Thread Size
WHI1300	1/2	3/4	1/4(one piece)	NA
WHI1301	5/8	3/4	1/4(one piece)	NA
WHI1302	3/4	3/4	1/4(one piece)	NA
WHI13351	1-1/4	1/2	*	1/4-28

\*Requires shank purchased separately (see above).

Shipping: 1 lb. each

## CARBIDE-TIPPED STRAIGHT BITS

1/4" Shank



Cat. #	Diameter	Cutting Length	OAL
WHI1013	1/4	3/4	2-1/4
WHI1014	1/4	1	2-1/2
WHI1022	3/8	1	2-1/2
WHI1026	1/2	1	2-1/2

Shipping: 1 lb. each Each comes with two Flutes



1/2" Shank

Cat. #	# of Flutes	Cutting Dia	Cutting Length	Overall Length
WHI1058	2	1/4	3/4	2-3/8
WHI1063	2	3/8	1-1/4	2-7/8
WHI1065	2	7/16	1-1/4	2-7/8
WHI1066	2	1/2	1	2-5/8
WHI1067	2	1/2	1-1/4	2-7/8
13-1407	2	1/2	1-1/2	3-1/8
WHI1077	2	5/8	1-1/4	3
WHI1085	2	3/4	1-1/4	2-7/8
WHI1087	2	3/4	2	3-5/8
WHI1091	2	7/8	1-1/4	3
WHI1094	2	1	1-1/2	3
WHI1072	2	1/2	2	4-1/8
WHI1073	2	1/2	2-1/2	4-3/8

Shipping: 1 lb. each

## HINGE & LATCH PLATE MORTISING CUTTERS

Carbide-tipped Double Flute



All cutters fit 1/4"-28 threaded shank.

Shipping: 1 lb. each

Cat. #	Cutting Dia.	Cutting Length	Shank Dia.	Thread Size
POR43437	1/2	9/16	1/4**	(one piece)
POR43440	5/8	9/16	1/4**	(one piece)
POR43698	5/8	17/32	*	1/4- 28
POR43703	3/4	17/32	*	1/4- 28
POR43700	13/16	17/32	*	1/4- 28
POR43701	7/8	17/32	*	1/4- 28
POR43702	15/16	17/32	*	1/4- 28
POR43704	1	17/32	*	1/4- 28
POR43699	1-1/8	17/32	*	1/4- 28
POR43745	1-1/4	17/32	*	1/4- 28

\*Requires shank purchased separately (see below). \*\*2-3/8" OAL

Call for Quantity Discount

## SHANKS



Cat. #	Arbor	Thread	OAL
167-000	1/4"	5/16-24	1-5/8"
POR43736	1/4"	1/4-28	1-5/8"
NOR665	3/8"	1/4-28	2-5/8"
167-020	1/2"	5/16-24	1-7/8"
13-735	1/2"	1/4-28	2-5/8"
POR43737	1/2"	1/4-28	2-1/16"

# BITS - CUTTERHEAD

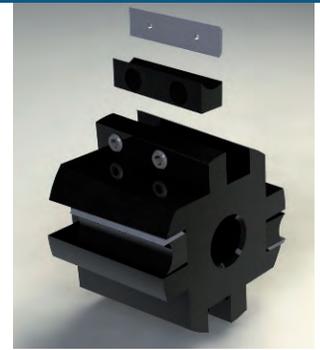
Bits



## CUTTERHEADS

For Norfield Magnum, Pro, Magnum II, 700V and Genie machines. Insert tools with 3.5° bevel. 2" is standard unless you are running 2-1/4" doors.

- 13-465                      2-1/2" cutterhead 3.5°
- 6808-025                 2-1/2" 2° cutterhead (Canadian)



FST51



FST60



FST30



13-429

Shipping: 1 lb. each

## SOLID CARBIDE REVERSIBLE KNIVES

High quality C-4 solid carbide knives for today's demanding indexible insert tooling. Ten pieces per box. For larger quantities, call for quote.

Cat. #	Coating	Size
FST30	None	30 x 12 x 1.5mm
13-429	None	50 x 12 x 1.5mm**
FST51	Titanium	50 x 12 x 1.5mm**
FST60	None	60 x 12 x 1.5mm
FST61	Tin	60 x 12 x 1.5mm

\*\*Used with most insert style cutterheads on **Norfield** prehanging machines.

## CUTTERHEAD ESSENTIALS



**CUTTERHEAD GIBB INSERT**  
6803-030

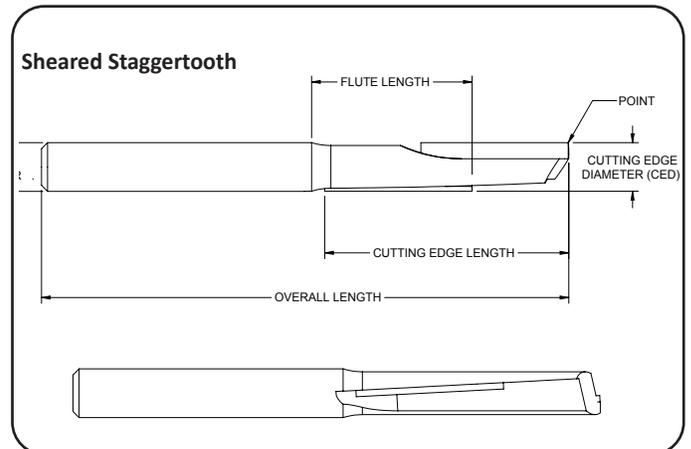
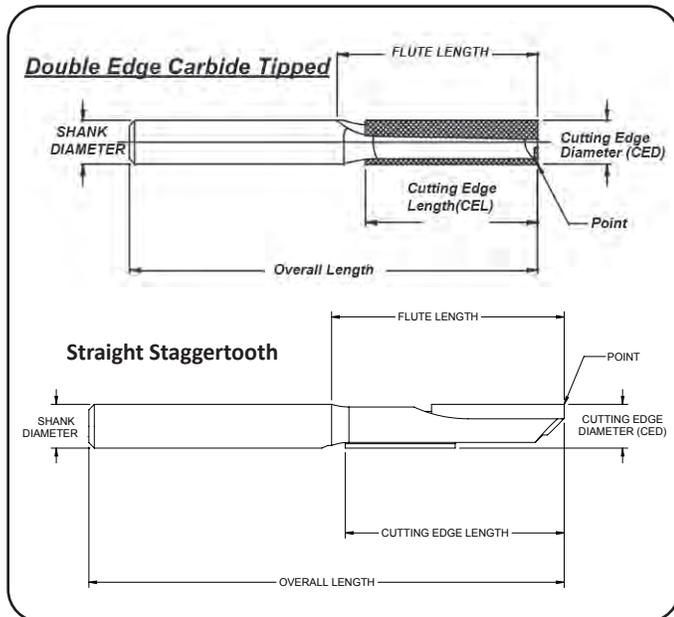


**CUTTERHEAD SET SCREW**  
6803-027    5/16-24 x 1/2"



**CUTTERHEAD V-BELTS**  
12-002    Rev Mag  
12-244    95 Series Mag  
12-544    Sig & Eseries Mag

**In a Hurry?**  
You can get what you need by tomorrow!  
We ship UPS Overnight,  
2nd-day, and 3-day Select.



### What is a Stagger-tooth bit?

Stagger-tooth router bit is considered 2 flute but the cutting edge is split, staggered 180°, between the two flutes. These bits combine the speed and chip clearance of one flute bits, with the strength and balance of two flute bits.

# BITS - METAL DOORLITE

## Doorlite bits for routing metal doors

### SINGLE FLUTE HIGH SPEED STEEL DOORLITE BITS 2-1/2" CUTTING EDGE, 1/2" SHANK



ONS1554

Cat. #	OAL	Shank	Helix
ONS1553	5-1/2"	round	low
ONS1554	5"	round	low
ONS1557	5-1/2"	with flat	low

Call for Quantity Discount

Call for Quantity Discount

CALL FOR BLANKET PURCHASE ORDER PRICING!!

These downcut bits were specially designed for making superior cuts and openings in metal-clad doors. Designed for use on special-purpose door lite Norfield machines, as well as most other brands. *Recommended speed for optimum performance: 2000 – 2500 rpm.*



305-001TIN

305-050TIN

### TIN COATED

Cat. #	OAL	Shank	Helix
305-001TIN	5-1/2"	with flat	high
305-050TIN	5-1/2"	round	high
ONS15531	5-1/2"	round	low
ONS15541	5"	round	low
ONS15571	5-1/2"	with flat	low
ONS25036	5-1/2"	with flat	high
ONS25015	5-1/2"	round	high

Call for Quantity Discount

### TI-ALUMINUM NITRIDE

Cat. #	OAL	Shank	Helix
ONS15533	5-1/2"	round	low
ONS15573	5-1/2"	with flat	low

Call for Quantity Discount



305-051

### BLACK BEAUTY COMPRESSION BIT 5-1/2" OAL, 2-1/2" CUTTING EDGE, 1/2" SHANK

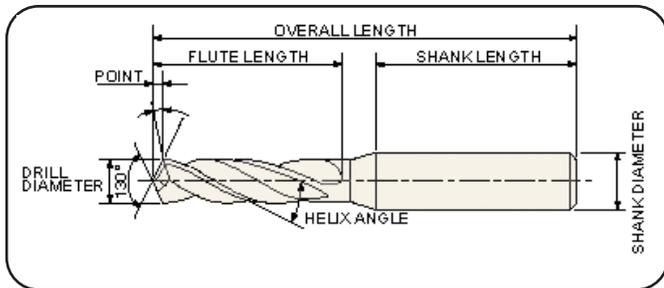
Cat. #	Shank	Coating
305-002	round	Ti-alum nitraide
305-051	with flat	Ti-alum nitraide

Call for Quantity Discount



### What is a compression bit?

Top part of the bit upcuts and the bottom part downcuts, compressing the chips into the center of the bit. Producing clean cuts on top & bottom of work piece. The Black Beauty bits are great for cutting out window openings in metal clad doors.



### Types of coating

**K-Coating** is a silver-colored, multi-layer, multi-phase coating, developed at IVAC. Has a 10-fold life increase for K-coated drills compared to TiN coated drills, while retaining the original surface finish.

**Titanium nitride (TiN)** is a very hard ceramic material that can be used to coat a high-speed steel bit (usually a twist bit), extending the cutting life by three or more times. However, when the bit is sharpened the new edge will not have the benefits of the coating.

**Titanium aluminum nitride (TiAlN)** is a similar coating that can extend tool life five or more times.



### DOUBLE FLUTE / UP-SPIRAL

For doors with extra-tough wood lock blocks, has two cutting edges, making for a more aggressive cut. For 18- 25-gauge hollow metal doors

### 5-1/2" OAL, 1/2" SHANK, 2-1/2" CUTTING LENGTH

Cat. #	Shank	Coating
ECC11141TI	with flat	Ti-Coated
ECC11140TI	round	Ti-Coated

Shipping: 1 lb.

Call for Quantity Discount



### 3800 DOOR LITE MACHINE FACEPLATE BIT

Just for the Norfield 3800 Door Lite machine.

### 3-1/2" OAL, 1-3/4" CUTTING EDGE, 1/2" SHANK 8205-001

Shipping: 1 lb.

# BITS - WOOD DOORLITE

FOR WOOD & FIBERGLASS DOORS

Bits for Norfield, Ruvo, KVAL or any other door lite machine!

made in the USA



## 2-FLUTE / STRAIGHT / CARBIDE TIPPED

For precision cut outs on wood and fiberglass doors and is equally suitable for use with a hand-held router.

### 5-1/2" OAL, 1/2" SHANK

Cat. No.	Shank type	Cutting length
300-101	flat	2-1/2"
300-150	round	2-1/2"

Shipping: 1 lb. each

Call for Quantity Discount



## STAGGERTOOTH FOR WOOD & FIBERGLASS DOORS

This opposite shear bit configuration features a down shear edge & an up shear edge. When cutting doors it pulls the chips to the center of the cut minimizing tear out.

### 2 FLUTES, CARBIDE TIP, 1/2" SHANK, 1/2" CUTTING DIA

Cat. No.	Shank	Coating	Cutting length	OAL
300-152	round	none	2-5/8	5"

made in the USA



## STAGGERTOOTH FOR WOOD & FIBERGLASS DOORS

Two cutting edges spaced 180° apart. Provides better bit balance with excellent chip clearance. For precision cut outs on wood and fiberglass doors and is equally suitable for use with a hand-held router.

### 2 FLUTES, CARBIDE TIP, 1/2" SHANK, 1/2" CUTTING DIA

Cat. No.	Shank	Coating	Cutting length	OAL
WHI1203	round	none	2-1/8	4
WHI1205	round	none	2-5/8	5-1/2
300-151	round	none	2-1/2	5-1/2

## CARBIDE-TIPPED STRAIGHT BITS, TWO FLUTES, PLUNGE CUTTING

Designed to give excellent smoothness of cut and balanced cutting, with minimal vibration. Positive hook angles for efficient cutting. Strong webbing and heavy cutter backing give superior bit life. Specially designed tip for fast plunge cutting.



Cat. #	Description
FST2072	1/2 dia" x 4-1/2"OAL, 1/2"shank



## SOLID CARBIDE DOOR LITE BIT

Designed for cutting out door lite inserts in wood and fiberglass doors. This bit is solid carbide and not for use on metal doors.

### 6" OAL, 1/2" SHANK

Cat. No.	Shank type	Cutting length
305-052	round	3-1/4"

Shipping: 1 lb. each

Call for Quantity Discount

## STAGGER TOOTH BIT CARBIDE-TIPPED, PLUNGE CUTTING

The production bit for cutouts. Staggered cutting flutes gives two flute balance of cut with single flute speed of cut and excellent chip clearance. Specially designed tip for fast plunge cutting.



Cat. #	A Cut Dia.	BC Flute Length	DE Shank Dia.	Shank Length	Overall Length
BOS85278	1/2	2-1/8	1/2	1-3/4	4-1/16

Shipping: 1 lb.



## DOWN SPIRAL

Designed to be used where material needs to be pushed away from the router. Excellent for template cutting where downward pressure would be advantageous.

Cat. #	Cut Dia.	Flute Length	Shank Dia.	Overall Length	Flute
WHI5125	1/2	1-1/4	1/2	3	2

Shipping: 1 lb. each



## WOOD AND FIBERGLASS SOLID CARBIDE COMPRESSION BIT 5-1/2" OAL, 2-1/2" CUTTING EDGE, 1/2" SHANK

This solid carbide door lite bit is a favorite of customers cutting wood and fiberglass doors using CNC or point to point machines. This tool was designed to cleanly cut the top and bottom edge on all wood and fiberglass lock sets and lite openings. This bit is not for use on steel doors.

Cat. #	Shank	Coating
300-153	round	none
300-154	round	none used on the 4900

# BITS - SPECIALTY



## HIGH SPEED STEEL BI-METAL HOLESAWS

Double tooth design strengthens each tooth for longer life and improved durability. Sharper tooth geometry cuts material faster for faster drilling. Thick, hardened backing plates prevent thread stripping. Deep cut style holes saws will cut 2x material in 1 pass.

Cat. #	Hole Dia.	Use Mandrel No.
DEW180014	7/8	1800
DEW180016	1	1800
DEW180024	1-1/2	1802, 1803
DEW180034	2-1/8	1802, 1803

Other sizes available up to 4-1/4". Shipping: 1 lb. each.

## HOLE SAW MANDRELS

Full range of mandrels provides versatility for use in wide range of hole saw sizes. Standard threaded and quick-change mandrels gives you a choice. 1/4" or larger chuck capacity.



Cat. #	Shank Size	Fits Sizes
DEW1800	1/4	5/8 to 1
DEW1802	7/16	1-1/4 to 3-1/8

Shipping: 1 lb. each

## ROUND OVER BITS, TWO FLUTES

### CARBIDE-TIPPED BALL BEARING PILOT



For smooth, uniformly rounded edges. Lower depth setting produces rounded corner with decorative bead.

Cat. #	Radius	Large Diameter	Cutting Length	Shank
WHI2000	3/16"	7/8"	1/2"	1/4"
WHI2009A	5/8"	1-3/4"	1"	1/2"
WHI2001	1/4"	1"	1/2"	1/4"
WHI2003	3/8"	1-1/4"	5/8"	1/4"
WHI2010	3/4"	2"	1"	1/2"

Shipping: 1 lb. Replacement Bearing WHI 3

## TOP BEARING SLOTTING CUTTER ARBOR

1/4" SHANK

2-3/8" OVERALL LENGTH

Includes B5 Bearing for 1/2" depth of cut

WHIA200B



## STEELEX® CARDED FORSTNER BITS



OAL 3-1/2", 3/8" SHANK

Cat. #	Size
WOOD1005	3/4"
WOOD1006	7/8"
WOOD1007	1"

Shipping: 1 lb. each

## TAPERED DRILL BIT WITH STOP



These Tapered Drill Bits match standard screw sizes and taper to maximize the screw's holding power

WOO2818

#8 Tapered Drill Bit w/Stop

WOO2821

#12 Tapered Drill Bit w/Stop

## 12 PC. DRILL DRIVE SET

- Quick & easy changes between drilling & driving
- Black oxide split point drill bits start on contact
- Quick change mechanism for easy one step loading
- Easy push forward one handed release
- Contoured finger grip for easy ergonomic use
- 5/16" shank for added durability
- Multi-cutter countersinks for superior finish



DEW30

## 3 PC. COUNTERSINK SET (#6, #8, #10)

- Drill, countersink and counter-bore in one step
- Four-cutter countersink and tapered drill bit provide superior speed and ideal finish
- Replacement tapered bits offered



DEW29



## 3-FLUTE LAMINATE FLUSH TRIMMING BIT

### CARBIDE TIPPED BALL BEARING PILOT

Gives chatter-free production trimming with extra smooth flush trim cut. Compact ball bearing assembly is equipped with glue shield.



Cat. #	Cut Dia.	Flute Length	Shank Dia.	Overall Length
WHI2500	1/2	1	1/4	2-1/2

Shipping: 1 lb. each

Replacement Bearing WHI 3

# BITS - SPECIALTY

Bits

## SOLID CARBIDE LAMINATE TRIM BITS

1/4" cutting edge

FST5000

FST5001

Shipping: 1 lb. each

For  
Laminate Trimmers...  
see page 63



Flush Trimmer



7° Bevel Trimmer

## 48" BRAD-POINT DRILL BIT

This extra-long drill bit can be used for door preparations where an extended length is required, such as concealed door closers and electrical wire ways. Mounts in a 1/2" drill motor. Cutting length 6", 1/2" diameter & 1/2" shank.

FUL48

Shipping: 5 lbs. each.



**FREE** **FREIGHT**  
on most orders over \$500\*

## "ANNIHILATOR" HEAVY-DUTY AUGER BIT

17"x1/2", 5/16 hex shank, 15" twist

- Designed for boring in nail-embedded wood
- Steeper rake angle to prevent tip damage when hitting nails
- Stronger than standard auger bits
- Features hollow center twist for fast, continuous chip flow
- Resharpenable single-cutter head
- 15" twist length for deep boring

BOSLT08



## HOLLOW MORTISING CHISELS

For making square mortises in one stroke, and rectangular mortises with each succeeding stroke, 4" blade, 5-1/2" overall length.



Cat.#	Size	Shank dia.	Shank lgth.	Mortising length
FOR62604	3/8"	5/8"	1-1/2"	3-1/4"

## GENERAL PURPOSE JOBBERS LENGTH STRAIGHT SHANK TWIST DRILLS

118° POINT • QUALITY HIGH SPEED STEEL:

Longer life than carbon steel!



Cat. #	Dia.	Decimal Equiv.	OAL	Approx. Length of Twist
FOR62503	1/8"	.1250"	2-3/4"	1-5/8"
13-342	9/64"	.1406"	2-7/8"	1-3/4"
FOR62507	3/16"	.1875"	3-1/2"	2-5/16"

Shipping: 1 lb. each

## BRAD POINT SPUR DRILLS

1/2" Shank. M2 High Speed Steel.

Widely used for cross-grain boring and other work requiring smooth, accurate holes. Head, twist and shank are ground after hardening for accuracy. Two outlining spurs cut in advance of the chip lifter.



Cat. #	Size	Twist		
		Shank Length	OAL	
FOR62181	9/16"	1/2"	4"	6"
FOR62186	7/8"	1/2"	4"	6"
FOR62187	15/16"	1/2"	4"	6"
FOR62188	1"	1/2"	4"	6"

**CAN BE USED ON BALLCATCH PG 26**

Shipping: 1 lb. each

## HIGH-SPEED STEEL STRAIGHT SHANK CENTER DRILL

For use with adjustable countersinks and counter-bores.



Cat.#	Drill & Shank Size	Twist Length.	Overall Length.
FOR62427	1/8"	2-1/4"	6"

Shipping: 1 lb. each

## STRAIGHT SHANK CENTER DRILLS

Use center drills for short countersinks. Shank is same diameter as drill. 2-1/4" twist length, 4-1/2" overall length. **High Speed Steel**



Cat. #	Drill & Shank Size	Twist Length	Overall Length
FOR62451	1/8"	2-1/4"	4-1/2"
FOR62454	11/64"	2-1/4"	4-1/2"
FOR62455	3/16"	2-1/4"	4-1/2"

Shipping: 1 lb. each

# BITS - BORING



## SELF-CENTERING HINGE BITS

For metal, wood or plastic. Avoid splitting out hardwoods by pre-drilling your screw holes. Self-centering bit assures a centered hole each time.

Cat. #	Description
130-014	#14 (13/64" for #14 screws)
130-012	#12 (11/64" for #12 screws)
13-039	#9 (9/64" for #8, 9, 10 screws)
130-005	#5 (7/64" for #5, 6 screws)
130-003	#3 (5/64" for #3 screws)

Shipping: 1 lb. each



## TAPERED REPLACEMENT BIT

**FUL201** for VIC9 Bit

## REPLACEMENT KIT

**TNS9** Includes one VIC90, one spring for use with #9 only

**FREE FREIGHT**  
on most orders over \$500\*

## REPLACEMENT DRILLS

<b>130-140</b>	<b>#14</b>
<b>13-309</b>	<b>#9</b>
<b>130-120</b>	<b>#12</b>
<b>130-050</b>	<b>#5</b>

Shipping: 1 lb. each



## REPLACEMENT SPRING

**13-309SPRING**

Shipping: 1 lb.



## FACE FRAME BIT

Fits Norfield, Unique, Ritter & Evans Face Frame Machines. Can also be used in drill presses. Complete carbide tipped assembly. 4-1/2" OAL.

**FOR12931**



## PILOT DRILL ONLY

**FOR62357**

Shipping: 1 lb. each

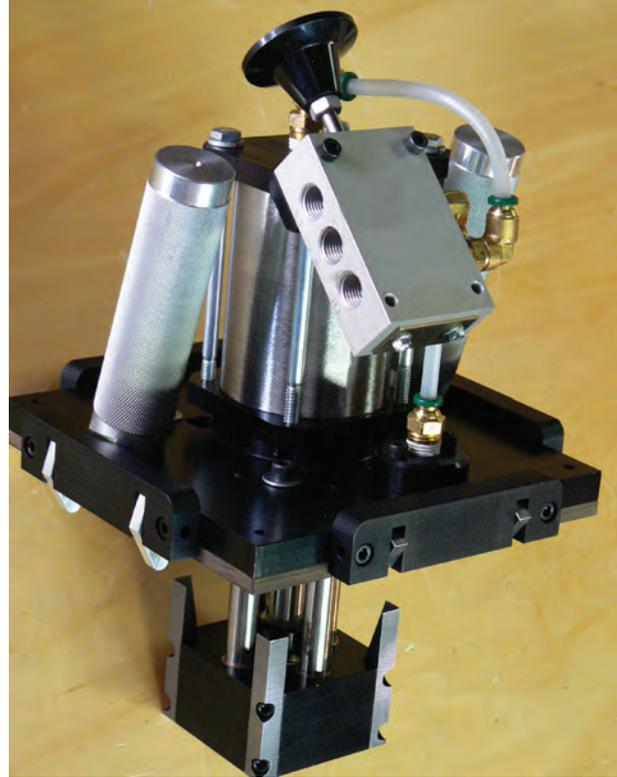


## ADJUSTABLE COUNTERSINKS

Beveled head countersinks for flat-head wood screws. Socket set screw holds countersink firmly in place. Center drills not included.

Shipping: 1 lb. each

Cat. #	Countersink Drive	Drill Sizes
FOR62326	3/8"	3/16"
FOR62327	1/2"	1/8"
FOR62329	1/2"	5/32"
FOR62331	1/2"	3/16"



## 4-CORNER SQUARE

You'll never need to use your hand tools or saw again to make clean corners!

This ingenious device is designed to square the corners in wood panels or doors which have been routed for glass or louvres. It's a fast and accurate way to use the power of an air driven chisel to achieve complete precision.

Simply locate the legs into the corners and activate the button. Any operator, or any skill level, will be able to square four corners in an opening within 10 to 15 seconds without any tears or splinters.

**SUC65**

FREE SHIPPING



**SUC38**

Replacement chisel

## SPECIFICATIONS

Maximum Door Thickness .....2"  
Maximum Radius ..... 3/8"  
Operating Pressure .85/95-150 psi  
Ship Wt.....26 lbs.

## INCLUDES

25' re-coil air hose  
air pressure gauge and air filter  
lubricating unit

## CARBIDE-TIPPED THREE FLUTE SLOTTING CUTTERS

Used to make slots for "T" molding and weather stripping. 3 wings for extra strength and long life.



Cat. #	Cutter Dia.	Kerf Fractional	Arbor Hole	Kerf Decimal
WHI6700A	1-7/8	1/16	5/16	.062
WHI6703A	1-7/8	3/32	5/16	.094
WHI6705A	1-7/8	1/8	5/16	.125

Shipping: 1 lb. each

# BITS - CORNER CHISELS

Bits



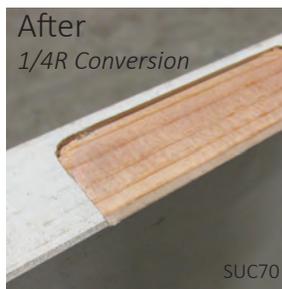
This air-driven chisel accurately cuts corners square or radii with *one* pull of the trigger!!

## PNEUMATIC CORNER CHISEL FOR 1/4" OR 5/8" RADIUS

Effortlessly square the corners in hinge, strike, latch and fire rating plate recesses which have been routed by a previous operation.

- Operating air pressure, 60–125 lbs., depending on hardness of material
- The nose or blade guide may be rotated 360, independent of the body or handle, permitting the gun to be held in a normal operating position at all times

<b>SUC70</b>	Squares 1/4" radius	<b>FREE SHIPPING</b>
<b>SUC70X</b>	Squares 5/8" radius	<b>FREE SHIPPING</b>
<b>SUC70XR</b>	Converts 5/8" to 1/4"	<b>FREE SHIPPING</b>



### REPLACEMENT CHISELS

<b>SUC13</b>	1/4" Square replacement chisel
<b>SUC13X</b>	5/8" Square replacement chisel
<b>SUC13XR</b>	SUC70XR Replacement chisel

Shipping: 1 lb.

## SINGLE CORNER CHISEL FOR SQUARING OUT 1/4" RADIUS CORNERS

Aluminum body. Can also be used for strike and latch plates

### TEMCC1

Shipping: 3 lbs.



Spring-loaded corner chisel for hinge application.



## 90° CORNER CHISEL

Square off a radial corner with a swift tap!

If you value precision and are looking for a portable solution, you'll appreciate this simple tool. Tap the corner chisel into the radial corners where you have trimmed recesses for hinges. It will leave a clean 90° corner. The corner chisel will cut radii up to 5/8" and to a cutting depth of 1/4".

### 2945471

Shipping: 3 lbs

### TWO SIDED REPLACEMENT CHISEL 2931093 set of 2



## DOOR LATCH MORTISE TOOL

- Outline blade for a clean, accurate professional installation.
- Preset depth for precise flush mounting.
- Clear Visibility for accurate placement.
- Guide post matches 1" door edge bore for simple placement.
- Mortise blade for clean trimming of strike plate area.
- Body matches both common door widths for additional alignment.
- Eliminates : Guesswork and uneven material removal.
- Protects delicate door edges.

### NOR6575



**FREE FREIGHT**  
on most orders over \$500\*

# BITS - CORNER CHISELS

Bits



## 2-1/4" LATCH DOUBLE CORNER CHISEL

Use this sturdy double corner chisel for squaring out both 1/4" and 5/8" radius hinge and strike plate mortises... it will save you both time and money! A Norfield double radius chisel is also available to convert a 5/8" radius to a 1/4" radius. Other sizes available.

7564-710



**REPLACEMENT CHISEL**  
1/4" RADIUS  
7564-026

Before



After



## SINGLE CORNER CHISEL, CONVERTS 5/8" TO 1/4" RADIUS

Use this sturdy single corner chisel to convert 5/8" radius to 1/4" radius. It will save you both time and money! Also available in double corner chisel sizes.

7564-711



**REPLACEMENT CHISEL**  
7564-004

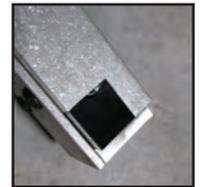


Convert 5/8" radius to 1/4" radius!

## DOUBLE RADIUS CHISEL FOR MAKING 1/4" RADIUS CORNERS

- 7564-707 3" HINGE
- 7564-704 3-1/2" HINGE
- 7564-703 4" HINGE
- 7564-705 4-1/2" HINGE

Shipping: 2 lbs. each



Norfield manufactures this sturdy double corner chisel!

For squaring out both 1/4" & 5/8" radius hinge mortises.

- 7564-701 3-1/2" HINGE
- 7564-700 4" HINGE
- 7564-702 4-1/2" HINGE

Other sizes available  
Shipping: 2 lbs. each



**FREE** on most orders over \$500\*



**REPLACEMENT CHISEL**  
1/4" RADIUS  
7564-026

NOT FOR SQUARE CORNER APPLICATIONS



**UNIVERSAL REPLACEMENT CHISEL**  
7564-004

FOR SQUARE CORNER APPLICATIONS



**REPLACEMENT SPRING FOR ALL CHISELS**  
22-043 #524 Lane Spring

# JIGSAWS & DADO SET

## BOSCH JIGSAW BLADES

For Models 1581 - 1582DVS, JS50, 7561 111, 7561 118, 1577, 1578, 1580, 1580VS, 1922K, 1584VS, 1584DVS, 1587VS, 1587DVS, 1584AVS, and Porter-Cable Models 7649, 7549, and 7349, DEW321.

BAYONET BLADE SHANK STYLE



### CLEAN FOR WOOD BOSCH JIGSAW BLADES

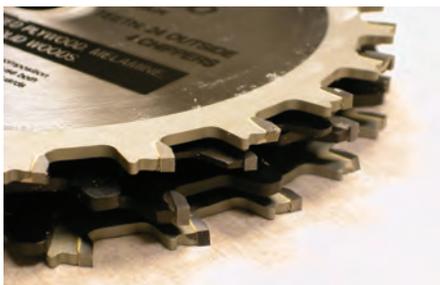
Bosch #	Cutting Length	Teeth Per In.	Blade Specs	Recommended Use	Quantity Per Pkg.	Order No.
T101B	3", 4" OAL	10	Ground	Woods, plastics, plywood, OSB up to 1-1/4"	5 ea.	<b>BOS1012</b>

Blades



### BASIC FOR METAL HIGH SPEED STEEL BOSCH JIGSAW BLADES

Bosch #	Cutting Length	Teeth Per In.	Blade Specs	Recommended Use	Quantity Per Pkg.	Order No.
T318A	4-7/64" 5-1/4" OAL	24	Wavy set & milled	Pipes, profiles and sheet metal 10-16 gauge, thin metals 1/16" - 1/8" (ferrous and non-ferrous), pipes less than 2-1/2" diameter, tube stock, angle iron	5 ea.	<b>BOS3180</b>
T318B	4-1/4" 5-1/4" OAL	14	Wavy set & Milled	Pipes, profiles and sheet metal, medium-thin metals 5/64"-5/16" (ferrous and non-ferrous), pipes, profile diameters 5/64"-3-1/8"	5 ea.	<b>BOS3182</b>



## DADO SETS

### The all-purpose dado!

These dados cut everything from veneered plywoods and laminates to solid wood. Included is a 3/32" thick chipper which allows the cut width to be adjusted in 1/32" increments, doubling the number of slot widths available. Many plywoods are being manufactured 1/32" undersized from the nominal size and this allows you to cut dados that will fit these materials with less shimming.



Use on all table saws and radial arm saws for cutting slots, grooves, dados, and rabbets in softwood or hardwood.

Cat. #	Dia.	Teeth	Arbor	Kerf
FRE508	8"	24	5/8"	1/4"

Shipping: 7 lbs.

We have also included a shim set with the dado for fine adjustments. The new tooth design utilizes a shorter and thicker tooth which reduces drag in the cut and reduces the materials guiding effect. The use of an extra thick and stiff outside plate eliminates the hub. The gullet design provides maximum chip ejection. Both of these features prevent chip buildup within the stack.

Chippers (4)1/8", (1)3/32", (1)1/16", hook angle = -12°, top bevel angle = 20°.

# SAW BLADES

Attention cabinet shops!



## CABINET MAKER'S CROSS CUT SAW BLADES

Designed primarily for heavy use in a cabinetmaker's shop. Combining a 1° hook angle and the alternate top bevel tooth grind, this blade provides a good crosscut and long cutting life in hardwood, softwood, plywood, and chipboard. Ideal for cutting a wide variety of materials most commonly used by cabinetmakers for thicknesses from 1/2" to 2-3/4" thick.

Cat. #	Diameter	Teeth	Arbor	Kerf	Plate
<b>FRE73M012</b>	12"	72 ATB	1"	.126	.087

Shipping: 1 lb.



## COMMERCIAL GRADE 7-1/4 INCH X 24T DIABLO RED BLADE BOX OF 10

Diablo framing blades give exceptional long life in ripping and crosscutting applications. Diablo's thin kerf requires less power from your saw, so it's the perfect blade for portable tools. Laser-cut stabilizer vents for reduced vibration and precise cuts. Durable MicroGrain Titanium Carbide for razor sharp cuts and long life. Perma-SHIELD™ permanent coating is a superior aluminum alloy coating that helps reduce friction, heat build-up, gumming, and is resistant to rust, which add up to longer blade life. Laser-cut thin kerf gives fast, clean cuts.

Blade	Diameter	Teeth	Arbor	Kerf	Plate
<b>FREE0724A</b>	7-1/4"	24 ATB	5/8"	.059	.040



## FREUD INDUSTRIAL COMPOUND MITRE SAW BLADE

Designed for high performance cuts on sliding compound miter saws and radial arm saws. A 5° negative hook angle provides a less aggressive cut and holds the piece down, towards the fence.

Blade	Diameter	Teeth	Arbor	Kerf	Plate
<b>FRE91M010</b>	10"	60 ATB	5/8"	.090	.071
<b>FRE91M012</b>	12"	72 ATB	1"	.090	.071

Shipping: 1 lbs.



## PERMASHIELD COATED THICK STOCK GENERAL PURPOSE BLADES

Best choice for production sizing of hard or soft wood up to 3-1/2" thick with a miter box.

Blade	Diameter	Teeth	Arbor	Kerf	Plate
<b>FRE72M010</b>	10"	40 ATB	5/8"	.126	.087

Shipping: 1 lbs.



## FREUD INDUSTRIAL TEFLON COATED ULTIMATE CUT-OFF BLADE

MICROGRAIN CARBIDE TIPS THICK ENOUGH FOR SEVERAL RE-SHARPENINGS!  
A glass-smooth finish when crosscutting hard and soft woods. This special blade has uniquely side ground teeth that actually polish the material while cutting.

Blade	Diameter	Teeth	Arbor	Kerf	Plate
<b>FRE85R008</b>	8"	64 ATB	5/8"	.116	.098
<b>FRE85R010</b>	10"	80 ATB	5/8"	.116	.098
<b>FRE85R012</b>	12"	96 ATB	1"	.116	.098

▲ USED ON THE 1120

▲ USED ON THE 1020 & V85

Shipping: 1 lbs.

## SD600 Series Dial-A-Width Dado Set

Get chip-free dados in a variety of materials... without shims!

Freud's SD600 Series Dial-A-Width Dado Set is a stacked dado set, but the shims have been replaced with a patented dial system, which allows users to adjust the width of cut via a patented dial hub capable of micro adjustments.

Each "click" of the dial adjusts the blade by .004"; with an adjustable width range of 1/4" to 29/32". Ordinary dado cutters wobble in use, producing a rounded groove, and often have multiple components to line up when mounting. The Dial-A-Width Dado Set mounts easily with no loose components to hassle with, and the adjustable-hub allows you to fine-tune the width of the dado without ever removing the dado cutter from the table saw.

**FRE608 8"**



# SAW BLADES

Blades

**freud**<sup>®</sup>



## 10" 80 TEETH, ANTI VIBRATION DOUBLE SIDED LAMINATE/MELAMINE SAW BLADE

Long life and excellent finish on the top and bottom of laminates, melamines & veneered plywoods. Laser-cut anti-vibration design reduces movement of the cutting edge to prevent chipping. No scoring blade needed! 5/8 arbor

**FRE97R**

## FREUD INDUSTRIAL COMBINATION BLADE

CLASSIC COMBINATION DESIGN - BLADE STAYS TRUE AND FLAT UNDER LOAD. Sets of teeth include one flat tooth for ripping, followed by 4 alternate top bevel teeth for crosscutting and a large gullet for effective chip clearance.



Blade	Diameter	Teeth	Arbor	Kerf	Plate
FRE84M012	12"	60 COMB	1"	.126	.087
FRE84M014	14"	70 COMB	1"	.157	.118

Shipping: 1 lbs.



## 10", 60TCG, 5/8" ARBOR INDUSTRIAL STACKED CHIPBOARD BLADE

This multi-purpose blade will cut stacks of man-made wood products as well as hardwood and softwood up to 2-3/4" thick. The blade's deep gullets and TCG rip and cross-cut through wood with ease. Working range of 1/2" to 2-3/4" thick. Kerf .126, plate .087

**FRE82M010**



## 10", 60MTCG, 5/8" ARBOR INDUSTRIAL THICK STOCK LAMINATE BLADE

This heavy duty production blade produces an excellent finish on the top and bottom of 3/4" thick laminates and melamines. Each tooth has a special modified triple chip grind design created by computer simulation to breeze through thick stock and single or double-sided laminates, leaving a chip free edge. Kerf .126, Plate .087

**FRE92M010**



## 12" 96TCG INDUSTRIAL SINGLE-SIDED LAMINATE BLADE

This fast cutting blade is ideal for a perfect finish on one side of laminates and melamines. The coating makes these blades resistant to friction and heat build up. Coated blades pull 1/3 less on the saw...that's 33% more cutting power. The 10° hook angle and a triple chip grind provide fast cuts and long cutting life. Arbor 1", kerf .126, plate .087

**FRE98R012**



## 12", 96TEETH, 1" ARBOR HI-ALTERNATE TOP BEVEL SAW BLADES

This precision crosscut blade provides a superior finish cut with slide and non sliding compound miter saws. A 5° negative hook prevents the blade from being too aggressive and helps push the workpiece down and towards the fence. Kerf .126, Plate .087

**FRE812**

## NON-FERROUS METAL BLADES

This heavy duty non-ferrous metal cutting blade produces an excellent finish. Blades have custom designed gullets to minimize chip build up. Use a liquid lubricant every 4 to 5 cuts when cutting. Wax sticks are not recommended.

Cat. #	Diameter	Teeth	Arbor	Kerf	Plate
FRE89M010	10"	72TCG	5/8"	.122	.098
FRE90M010	10"	100TCG	5/8"	.110	.087
FRE89M012	12"	86TCG	1"	.122	.098

Shipping: 1 lb.

# BIT TIPS

## COMBO DRIVER-DRILL

### Drill and screwdriver in one holder!

Now you can pre-drill a screw hole, and by simply flipping the handy driver-drill to the other end, finish driving the screw. No need to go through the time-consuming task of removing the bit...change it with a simple snap. Gold locking ring keeps it firmly in place. The bit holder will accept any 1/4" hex shank bit, and comes with an extra Phillips bit tip.



JORCMPLT8

Insert & Sleeve  
JORCMPLT8



JOR8

Combo drill/driver insert  
JOR8



JORBODY

Combo drill/driver sleeve  
JORBODY



#### Replacement parts

JOR8BIT  
VEG17

Replacement drill bit  
Replacement bit tip

## VEGA 3" QUICK-RELEASE MAGNETIC BIT TIP HOLDER

VEG1



## MAGNETIC BIT TIP HOLDER

Cat. #	
13-044	has c-clip
13-037	



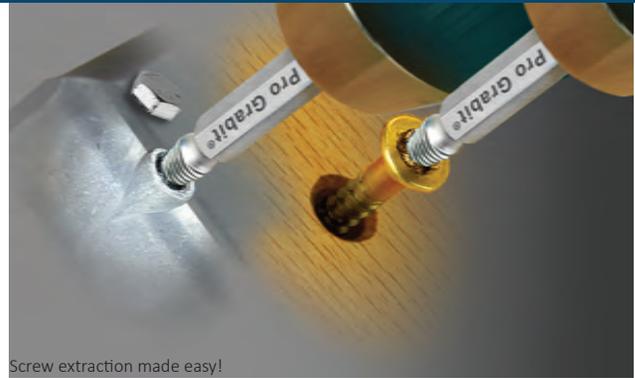
Shipping: 1 lb.

## MAGNETIC BIT TIP HOLDER

APE490 APEX REF. # M490



Shipping: 1 lb.



Screw extraction made easy!

## SCREW EXTRACTION MADE EASY

A must for door and cabinet installers! This handy kit contains three bits for removing screws, size #4-14 and bolts, size No. 10, 1/4" and 5/16" (5-8 mm). Easily remove rusted screws, deck screws, stripped screws, and broken or damaged bolts. Use these bits with a 3/8" variable speed reversible drill. Compatible with quick connect chuck systems. Comes with carry case.

ALD3 Shipping: 11 lbs.



Bit Tips

**FREE** FREIGHT  
on most  
orders over  
**\$500\***

# BIT TIPS

## In a Hurry?

You can get what you need by tomorrow!  
We ship UPS Overnight,  
2nd-day, and 3-day Select.  
Federal Express is also available.

### SQUARE RECESS POWER BIT



Cat. #	Screw Size	Pt. size
APE9542	8, 9, 10	2

1/4" Hex Shank,  
2-3/4" OAL  
Shipping: 1 lb. each

Bit Tips

### PHILLIPS POWER BIT



1/4" Hex Drive  
Shipping: 1 lb each



Cat. #	OAL	Size
VEG14	2"	2
APE492	1-15/16"	2
VEG15	2-3/4"	2
APE4921	2-3/4"	2
VEG16	3-1/2"	2
APE4923	3-1/2"	2
APE1474	4-1/2"	2

### PHILLIPS POWER BIT EXTRA HARD



1/4" Hex Drive  
Shipping: 1 lb. each

Cat. #	OAL	Point Size
VEG8	2"	2
VEG10	2-3/4"	2
VEG11	2-3/4"	3
VEG12	3-1/2"	2
VEG13	3-1/2"	3

## What's the difference between an insert bit and a power bit?

Insert bits are commonly used with a bit holder in power tool applications. This combination is economical, provides flexibility and allows a fastener to be magnetically held by the bit. Power bits are placed directly into the power tool chuck.

### EXTRA-HARD PHILLIPS BIT TIPS

Cat. #	Point Size
VEG17	2
APE4403	3
VEG23	3



1/4" Hex Shank, 1" OAL.  
Shipping: 1 lb. each.

### PHILLIPS BIT TIPS

Cat. #	Point Size
VEG20	2
VEG21	3



1/4" Hex Shank  
1" OAL  
Shipping: 1 lb. each

### PHILLIPS BIT TIPS LIMITED CLEARANCE

Cat. #	Point Size
APE4461	1
VEG18*	2
VEG22	2
APE4462	2



1/4" Hex Shank  
1" OAL  
Shipping: 1 lb. each

\*Extra hard

## For screwfeeders!

### SCREW SHANK PHILLIPS BIT TIPS, NO. 2 POINT

*In stock at Norfield!*

Fits automatic screwfeeders and Apex # 552

**APE552** 12-24 thread

Fits Apex # X-502; Automatic screwfeeders manufactured by Assembly Automation; Also works on Nasco Woodpecker.

**APE502** 10-32 thread

Fits Nasco Screwmaster



APE502



APE552

### 6" RECESSED BIT TIP



**13-957** Used on Norfield AutoScrewfeeders

**APE492CCX**



*If you have issue with the bit snapping try adjusting the gun, there might be too much torque*

# AIR TOOLS



## AIR SCREWDRIVER, 30 TO 70 IN.-LB. TORQUE RANGE SOFT DRAW, ADJUSTABLE CLUTCH

This general-duty inline air screwdriver is suitable for heavy-duty use in a nonproduction environment. It features high-grade material construction for long service life. The adjustable cushion clutch controls torque output to the bit.



### SPECIFICATIONS

Torque in lbs.....	30 to 70in-lb	Average CFM.....	4
Clutch type.....	adjustable	CFM at full load.....	16 CFM
Throttle type.....	Lever	Air pressure.....	90 PSI
Free speed.....	1800rpm	Overall length.....	9-1/2"
Hex bit.....	1/4"	Operation.....	Reversible

**10-1417**

Shipping: 3 lbs

Also see Screwdriver Kit for Magnums, page. 103

Air Tools



## INLINE AIR DRILL NON REVERSIBLE

### SPECIFICATIONS

Speed (RPM).....	22,000	Horsepower.....	0.5 HP
Torque Range.....	0ft lb to .5ft lb	Chuck Capacity.....	3/8"
Spindle thread.....	3/8"-24	Air Consumption.....	4cfm

**10-504**

## EAGLE INLINE AIR DRILL

- 3/8" straight drill
- Positive action trigger
- Rugged construction
- Variable speed



### SPECIFICATIONS

Speed (RPM).....	2,500	Torque in/lbs.....	15-90
Chuck Capacity.....	3/8"	Net Weight.....	3 lbs
Air Inlet.....	1/4" NPT	Length.....	9"
Air Consumption.....	16 CFM	Shipping.....	3lbs

**EAG3000**



## SIOUX INLINE AIR DRILL NON REVERSIBLE

### SPECIFICATIONS

Speed (RPM).....	2,600	Horsepower.....	1 HP
Net Weight.....	2 lb 4 oz	Chuck Capacity.....	3/8"
Shipping.....	4 lbs		

**10-504SIO**

SIOUX Model SSD10S25AC



## INLINE - LEVER START AIR SCREWDRIVER W/ ADJUSTABLE CLUTCH

Commonly used on Norfield machines.

- Reversible
- Rear exhaust
- External clutch adjustment
- Air inlet size 1/4" NPT
- Recommended hose size 1/4"
- Performance rated at 90 psig air pressure
- Includes: part list, manual, comfort grip, suspension bail, and clutch adjustment wrench

### SPECIFICATIONS

Speed (RPM).....	2,500	Sound level.....	80 dBA
Torque.....	60 lbs	Net Weight.....	2.5 lbs
Air Consump.....	30cfm	Shipping.....	4 lbs

**10-1417SIO**

**FREE SHIPPING**

**FREE** on most orders over **\$500\***

## EAGLE ADJUSTABLE CLUTCH AIR SCREWDRIVER

- 1800 RPM
- 1/4" quick change

**FREE** on most orders over **\$500\***



### SPECIFICATIONS

Torque in lbs.....	45-145	Air inlet.....	1/4" NPT
Capacity QC hex.....	1/4"	Air consumption.....	16 CFM
Weight.....	2.6 lbs	Air pressure.....	85 PSI
Length.....	8-3/4"	Speed.....	1800 RPM

**EAG2005**

Shipping: 3 lbs

# AIR TOOLS



## ADJUSTABLE CLUTCH SCREWDRIVER MP2477

- Reversible
- Maximum parts interchangeability
- Extra-heavy engaging jaws

### SPECIFICATIONS

Screw size.....10"	Throttle.....2 step
Max. free RPM.....1800	Length.....7.8"
Hard torque...37-100in lbs	Hex change.....1/4"
Soft torque.....30-45in lbs	Weight.....2.6 lbs

MAS15

## POSITIVE CLUTCH SCREWDRIVER MP2465

- Reversible
- Balance design offers easy handling and control to reduce operator fatigue
- High parts interchangeability

### SPECIFICATIONS

Wood screw.....14"	Speed.....1800RPM
Thread cutting.....1/2"	Torque.....45-100in-lbs
Machine screw.....3/4"	Length.....6.6"
Sheet metal screw.....1/4"	Weight.....2.5 lbs

MAS11

Air Tools



SIOUX Model SSD10P20S

SIOUX Model SSD10P20PS

## STALL SCREWDRIVER

### 1/4" HEX FEMALE QUICK-CHANGE

#### SPECIFICATIONS

Speed (RPM).....2,000	Horsepower.....1 HP
Torque.....80 in/lb.	Net Weight.....2.16 lbs
	Shipping.....3 lbs.

## HIGH TORQUE POSITIVE CLUTCH

### 1/4" HEX FEMALE QUICK-CHANGE

#### SPECIFICATIONS

Speed (RPM).....2,000	Horsepower.....1 HP
Torque.....80 in/lbs.	Net Weight.....2.3 lbs.
	Shipping.....4 lbs.

SIO2

SIO3



SIOUX Model SSD10P20AC

## PISTOL GRIP SCREWDRIVER

### ADJUSTABLE CLUTCH

#### SPECIFICATIONS

Speed (RPM).....2,000	Horsepower.....1 HP
Torque.....80 lbs	Net Weight.....2 lbs, 4 oz
Reversible.....	Shipping.....4 lbs

SIOSD920

FREE SHIPPING

## EAGLE STALL DRIVE AIR SCREWDRIVER

- 1/4" quick change
- High power to weight ratio
- Motor stalls when fastener overcomes the power of the air motor

### SPECIFICATIONS

Torque in lbs.....10-45	Air inlet.....1/4" NPT
Capacity QC hex.....1/4"	Air consumption.....16 CFM
Weight.....3 lbs	Air pressure.....85 PSI
Length.....7"	Speed.....1800 RPM

EAG2001A

Shipping 3 lbs.



SIOUX Model SSD10P25AC

## EAGLE POSITIVE CLUTCH AIR SCREWDRIVER

- High power to weight ratio
- 1/4" quick change

### SPECIFICATIONS

Torque in lbs.....45-90	Air inlet.....1/4" NPT
Capacity QC hex.....1/4"	Air consumption.....16 CFM
Weight.....2.5 lbs	Air pressure.....85 PSI
Length.....6-3/4"	Speed.....1800 RPM

EAG2021

Shipping: 3 lbs

SIO25

FREE SHIPPING

# AIR TOOLS



**FREE** on most orders over **\$500\***

## DYNORBITAL SILVER SUPREME SANDER

- More power: 15% more powerful than previous models with efficient low-air consumption. Convenient speed control lever is standard.
- Low sound level: sound levels to as low as 77 dBA
- Low vibration: insulated rubber-grip composite housing with perfectly balanced, weighted disc pad. Tool vibration is reduced while at the same time, operator comfort and control is improved.
- Lightweight and Good for vertical sanding.

**DYN69020** 5" model

### SPECIFICATIONS

Speed (RPM) .....	12,000 RPM	Weight 6" model .....	2.2 lbs
Horsepower .....	.26 HP	Recommended Air Pressure .	90psi
Diameter .....	3/16"	Sound Level .....	77dBA
Weight 5" model .....	1.8 lbs.	Hose Conn NPT .....	1/4"

Shipping: 3 lbs each.



## SIOUX AIR FINISHING SANDERS

Ergonomic design for comfort and control. Random orbital design: swirl-free sanding. 5" or 6" pad. Good for horizontal sanding.

**SIO6900** 5" model 690

**SIO6901** 6" model 697

Shipping: 4 lbs.

### SPECIFICATIONS

Hose Conn NPT .....	1/4"
Horsepower .....	.4 HP
Speed (RPM) .....	10,000
Recommended PSI .....	90
Max. Air Consump. ....	20 CFM
Net Weight .....	2.9 lbs.



## OEM QUALITY REPLACEMENT PAD FOR ORBITAL SANDERS

(Fits most 5" and 6" Sanders, 5/16"-24 thread)

**HER95105** 5" Pad

Shipping: 1 lb.



## REPLACEMENT PADS FOR DYNABRADE SANDERS

**DYN56106** 5" Standard Pad

Shipping: 1 lb.

5/16"-24 Thread

## DYNASWIVEL AIR LINE CONNECTOR

- Swivels 360° at two locations
- Hose drops straight to the floor
- Connects portable air tools to air line
- Improves maneuverability
- Minimizes operator fatigue



Order No.	Thread Size	Recommended Air Flow Range
DYN95461	3/8" NPT	26-45 CFM
DYN95460	1/4" NPT	up to 25 CFM

Shipping: 2 lbs.



## SIOUX RANDOM ORBITAL SANDER

The unique soft-textured grip rotates through 24 positions in 15° increments to accommodate all users. The smoother S-shaped power lever fits more comfortably in your palm, reducing fatigue.

User-friendly lock rings are externally mounted and allow you to quickly and accurately identify orbit diameter at a glance.

**SIO25125** 5"

**SIO25126** 6"

Shipping: 2 lb

### SPECIFICATIONS

Hose Conn NPT .....	1/4"	Horsepower .....	.25 HP
Speed (RPM) .....	12,000	Net Weight .....	1.5 lbs.
Max. Air Consump. ....	13 CFM	Recommended PSI .....	90

# AIR TOOLS

## NYLON COIL HOSE

For *Magnum and Time Fold Series users!*



On *Magnum's* predrills and screwdrivers hang from a tool balancer. This coil hose retracts along with the tool out of the operator's way. On the *Time Fold Series*, the coil hose connects directly to the frame. Each coil extends one full foot and retracts to just one inch. 12 inches extends 12 feet.

Order No.	Hose ID	NPT	Hose Length	Shipping
10-1104	1/4"	1/4"	12'	2 lb.
NYC14251	1/4"	1/4"	25'	2 lb.

## COXREEL'S HOSE REELS AND POWER CORD REELS



Hose reels are designed for rugged dependability under continual heavy loads, with maximum trouble-free service life. **HOSE INCLUDED!** Axle double supported for strength and reliability. Tension-free air service! Full tension-free control of hose from any work area is provided by multi-position ratchet—a time-saving feature that promotes work efficiency. Heavy-duty spring, balanced to each reel capacity, is protected in steel case; easily installed or replaced. Adaptable to many applications, constructed of heavy-gauge steel with non-corrosive components.

	ID#	Ft.	PSI
COXEZ325	3/8"	25'	300
COXEZ350	3/8"	50'	300

The EZ-Coil Rewind Safety System is a rotary-dampening system that controls and eliminates the high-speed recoil motion associated with conventional spring driven hose reels with no increase in the amount of resistance when pulling out the hose.

## 1/4" AUTOMOTIVE STANDARD SERIES

Plated steel couplers have hardened steel balls and stainless steel springs. Coupler plugs are heat-treated to reduce wear on critical mating surfaces. These couplers interchange with Tru-Flate 10 and 100 type series as well as units produced by other manufacturers.

Maximum working pressure 300 PSI.

### FEMALE COUPLERS

NPT Size Order No.

1/4" **10-1098**



Shipping: 1 lb.

### MALE NIPPLES

NPT Size Order No.

1/4" **10-1099**



Shipping: 1 lb. each

## BRASS IN-LINE SWIVELS MALE/FEMALE NPT

**AMF344 1/4"**

Shipping: 1 lb.



## HEAVY DUTY POWER JET BLOW GUN

Positive lever-control for full-range air delivery. Hanging hook is integral part of gun. Meets OSHA requirements.

**10-1647**

Shipping: 2 lbs.



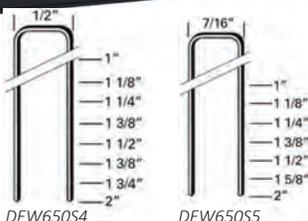
## SHEATHING, SIDING STAPLER



- AntiJam™ magazine
- Overmolded rubber grip maximizes comfort and minimizes fatigue
- Adjustable exhaust directs air away from user
- Adjustable depth guide sets staples to desired depth
- Increases power to countersink staples into dense woods
- Long narrow nose for improved line of sight
- Magazine capacity 160 staples
- Long magazine capacity 300 staples
- 1/4" NPT thread fitting type

**DEW650S4** Fastener range 1in to 2in

**DEW650S5** Fastener range 1-3/8in to 2in.



## READY JET IN-LINE BLOW GUN

No need to disconnect air lines or tools to use. The Ready Jet is OSHA approved and is a great addition to any shop!

**COR001**

Shipping: 2 lbs.



# V-NAILER

## V-Nailer CASING ASSEMBLY MACHINES

24-002

Formerly ITWVN4MP

**TOUCH-SCREEN CONTROLLED;  
DRIVE AND STACK  
V-NAILS IN UP TO 10 POSITIONS**

### 24-013 MULTICHANNEL

Formerly ITWVN4MPMC

**USE FIVE DIFFERENT V-NAIL  
SIZES WITHOUT CHANGING  
THE DRIVER HEAD!**

- Equipped with five individual V-Nail storing channels, capable of holding up to 220 V-Nails each
- V-Channels can store multiple sizes or one common size for production uptime and productivity
- Easy table tilt adjustment for operator comfort
- User friendly touch-screen P.C. operation with data storage for 5,000 frame profiles
- Bar Code Scanner option for production integration and efficiency
- Join from front or back of machine



Power Tools



Produce 3 casing hoops per minute

#### Moulding Width:

1/4" to 4-1/2"

#### Moulding Height:

1/4" to 3-1/4"

**Length:** 27"

**Width:** 14"

**Height:** 48"

**Weight:** 309 lbs

115/220 Volts 50/60 Hz

Air: 4NI at 5 Bar

- Speed and repeatability for production requirements
- User friendly touch-screen P.C. operation with data storage for 5,000 frame profiles
- Integrates Bar Code Scanner option for production efficiency
- Equipped with a Vertical Double Hydraulic Pressure Clamp for superior clamping
- Features a three knob adjustment fence for compensating moulding cuts
- Join either from front or back of machine
- Easy table tilt adjustment

### Mitre-Mite VN4E-3L

This heavy-duty machine is designed to withstand years of use in a high production environment. It has a reinforced nail drive offering trouble-free cycling, and heavy-duty air cylinders that keep your production line humming along with little or no maintenance. V-nails can be driven or stacked in up to three positions per corner. Clamping fixtures fit most profiles. Long stroke nail drive (5") for assembling larger frames

### ITWVN4E3L

Shipping: 300 lbs.

## VNAILS

<b>24-005</b>	5mm vnails (13/64)	Qty 5000
<b>24-006</b>	7mm vnails (9/32)	Qty 4000
<b>24-011</b>	10mm vnails (25/64)	Qty 4000
<b>24-014</b>	3mm vnails (1/8)	Qty 7000
<b>24-016</b>	12mm vnails (15/32)	Qty 3000
<b>24-017</b>	15mm vnails (19/32)	Qty 2000

### MITER MITE NAIL HEADS

<b>24-004</b>	5mm
<b>394950020</b>	7mm
<b>39495003</b>	10mm



# SAWS - COMPOUND MITRE & PANEL

DEWALT

## 12" SINGLE-BEVEL COMPOUND MITER SAW

- 15 Amp motor, 4,000 rpm delivers extended power and durability
- Adjustable stainless steel miter detent plate with 11 positive stops improves productivity and ensures cutting
- Precise miter system and machined base fence support optimize cutting accuracy
- Tall sliding fence supports crown molding up to 5-1/4" nested and base molding up to 6-1/2" vertically against the fence while easily sliding out of the way for bevel cuts
- Bevels 0°-48° to the left and 0°-3° to the right for increased capacity
- 0°-50° left and right miter capacity for greater versatility
- Lightweight (42 lbs.) with built-in carry handle for easy portability
- Cam lock miter handle with detent override deliver quick and accurate miter angles
- 3 Hardened Steel Bevel Stops at 0°, 33.9°, and 45° delivers versatility at most common bevel angles

DEW715



Power Tools



Stand not included

### SPECIFICATIONS

Model Number	AMP Rating (120V AC)	No-Load Speed (RPM)	Blade Dia.	Round Arbor Dia.	90° Crosscut Capacity		45° Miter Capacity		45° Bevel Capacity		Shipping
					Dimensional Lumber	Max Width/Resulting Height	Max Height/Resulting Width	Max Width/Resulting Height	Dimensional Lumber		
DEW715	15.0	4,000	12"	1" or 5/8"	4 x 6"	2 x 8"	4 x 4"	2 x 6"	2 x 8"	49 lbs	

## Panel Saw

3050 SERIES, HEAVY DUTY



Comes standard with new 12 sealed roller bearing system, a folding stand, wheels for the frame, dual rip gauges, carbide saw blade, a stop and tape, a Milwaukee 15 amp. saw, steel sleeved rollers, a spinning saw insert and a dust collection upgrade and full size frame.

This saw uses 10" blades, the most common blade used in cabinet shops for their table saws and radial arm saws. It will save the cost of buying expensive specialty blades for cutting veneers, melamine and other difficult to cut materials.

This saw can cut 2 7/8" deep with the dust brush removed or 2-1/2" deep with the dust brush in place. It is perfect for trimming doors or other thick stock where a long cross cut or rip cut is needed.

The saw motor is secured using the saw's mounting screws, a motor support bracket/clamp and a handle support bracket. It uses the dust port in the rear of the saw for dust extraction with a dust shield and hose attaching plate. Will not bevel cut or score cut.

The only upgrade or option not included with this machine is the Mid Fence, Knife Cutter, Spring hold downs and the floating router plate.

### STRX



### FEATURES

- 50", 62", 74", 86" or 99" Cross Cut
- Rip Cut Either Direction and .0156" Accuracy
- Can use Router in Same Carriage
- 2 Carriage locks ensure no play when ripping
- Able To View Saw Blade and mark on Material
- 1 Simple Squaring Adjustment, Lock in Place
- Uses Standard 7 1/2" Blade, (Found Everywhere)
- 2.5" Depth of Cut, Max 2.875
- Easily Change Saw Blades or Saw if needed.
- Overall dimensions 120"L x 75"H x 40"W

### STANDARD EQUIPMENT

- 15 amp. Saw Motor
- Dust port hook up w/hose hook up
- 2.5 dust hose w/coupler for shop vac
- Blade lock
- 10' steel frame, powder coat finish nickel chrome 1/8" wall 1 3/4" steel guide tubes
- 12 new sealed roller bearings system
- Detachable tool plate
- 18 injected molded plastic rollers
- Wall sleeves

- Spring loaded saw counter balance
- Saw cord holder
- 2 carriage locks
- Folding stand with wheels
- Stop, bar & tape
- Dust port hose with 12 ft. 2 1/2" hose and coupler
- Dual rip gauge
- Spinning saw carriage insert
- Dust brush
- New Accu-Square™ alignment system

# SAWS - CIRCULAR

## 7-1/4" TCT INDUSTRIAL CIRCULAR SAW

### Cuts Steel Without Heat, Burrs Or Coolant!

- Robust and highly durable, typically a Steel blade will cut up to 262ft of 1/4" Steel plate, before a replacement blade is required!
- Ideal for cutting Steel plate, box section, cast iron pipe, scaffolding, cladding and roofing.
- Advanced performance; out performs normal cutting saws. When cutting Steel, it leaves an instantly workable finish, producing no heat, no burr and virtually no sparks
- 0- 45° bevel tilt enhances the versatility of the saw. Other features include a safety switch with overload protection and an auto-debris collection system, which collects chippings automatically.
- Heavy-duty and extremely portable. Features an easily adjustable depth of cut, plus a clear visibility panel to aid accurate cutting.



#### EVOSS1

Shipping: 15 lbs.

#### Includes

- Carrying case
- 7-1/4" Steel cutting blade
- Wrench
- Fence guide
- Side handle
- Spare carbon brush set
- Safety goggles
- Ear plugs
- Manual

#### Specifications

- Size:** 7" dia. blades
- Amps:** 15A
- Watts:** 1100, 120V ~ 60Hz
- RPM:** 3900
- Material cut:** Steel, sheet metal, aluminum, stainless steel, wood
- Max. cutting reach:** 2-1/4"
- Optimum cut thickness:** 1/4"



Wood  
EVO5



Steel  
EVO1



Aluminum  
EVO2



Stainless  
EVO3

#### EVOLUTION TCT CIRCULAR SAW BLADES

Evolution saw blades are not only perfectly designed for the Evolution saw, but the exceptional quality used in manufacturing will not be compromised when used on another brand.

Cat. #	Diameter	Teeth	Arbor	Material Cut	Max RPM
EVO1	7"	36	20mm	Steel	5,800
EVO2	7"	54	20mm	Aluminum	5,800
EVO3	7"	48	20mm	Stainless Steel	5,800
EVO4	7"	68	20mm	Sheet Metal	5,800
EVO5	7"	30	20mm	Wood	5,800

\* Also available in 7-1/4" blades, call us for more information.



#### CYCLONE MAG STICK

Simply wave the Magnetic Stick over the metal shavings to pick them up, carry them over to your scrap barrel, pull the plunger and the shavings are neatly deposited. The Cyclone's magnet is strong enough to quickly clean up your biggest mess of metal shavings

EVO66

## 15" STEEL CUTTING CHOP SAW

- Ideal for cutting steel plate, square tube, angle iron, pipe, tube and metal roofing.
- Quicker, safer, more accurate & economical than an abrasive saw! When cutting steel, the material has a workable finish. Virtually no heat, burrs or sparks are created, unlike inherently dangerous abrasive saws
- Fast action swivel vise enables cuts to be made from 0-45°.
- Hi-torque gearbox reduces motor load and improves performance. A pull-out collection tray makes it easy to dispose of metal chips.
- Includes a 14" steel blade

#### EVO380

Shipping: 62 lbs.

#### SPECIFICATIONS

Power .....	1800w	RPM No load .....	1450RPM
Max diameter blade.....	15"	Horse power .....	2.4HP
Arbor.....	1"		

#### SAW BLADE

Cat. #	Diameter	Teeth	Material Cut	Max RPM
EVO355	14"	36	Multi-Purpose	1,600



# SAWS

## DEWALT

### CORDED TRACKSAW

- Delivers table saw precision, panel saw capacity, and hand saw portability.
- The zero-clearance track system and dual anti-splinter edges ensure perfectly straight, splinter free cuts.
- Specially designed transmission and precision ground, laser-cut woodworking blade minimize deflection to deliver a finished edge
- Attach a vacuum and up to 90% of the dust gets collected to minimize clean up.
- Bevel 0-47° to compound miter sheets of plywood. Clamp track system onto vertical or horizontal surfaces to maximize versatility.
- Low profile blade guard allows saw to be used in confined spaces.
- Parallel link plunge mechanism for optimal ergonomics.
- Continuous anti-kickback prevents kickback when engaged.
- Includes DWS520 Heavy-Duty TrackSaw™, Kit Box, 6-1/2" (20mm arbor size) 48-Tooth Ultra Fine finishing Blade, Blade Wrench, 59" Track



**REPLACEMENT  
BLADE  
DEW5258**

**102" TRACK DEW5023**

**DEW6528 6-1/2" SAW BLADE,  
48 TOOTH**

**Other tracksaw lengths  
available. Call for sizes.**

**DEW520SK**

**59"**

### Track Clamps

- One-handed Operation – for fast and easy set-up
  - Removable Pressure Pads
  - Includes: Two (2) clamps for use with TrackSaw tracks
- DEW5026**



### SPECIFICATIONS

Power .....	12 amp, 1300W	Max depth at 45° on track ...	1-5/8"
No load speed.....	1750- 4000 rpm	Max depth on track.....	2-1/8"
Blade capacity.....	47°	Tool Weight.....	11.5 lbs

Power Tools

### UNDERCUT SAW

A new solution for installers who require precise undercuts of doors, door frames, baseboards and skirtings! Although it weighs only 11 lbs., this saw is equipped with a powerful variable-speed motor that you can adjust to suit the material you are cutting. The motor has been developed using an electronic system which maintains a constant speed independent to the working load.

Cutting height and depth can be quickly adjusted, saving you time without compromising perfection. A built-in dust collection nozzle and pipe connects easily to any shop vac to keep your site clean.

**7000399** **FREE SHIPPING**

Shipping: 15 lbs

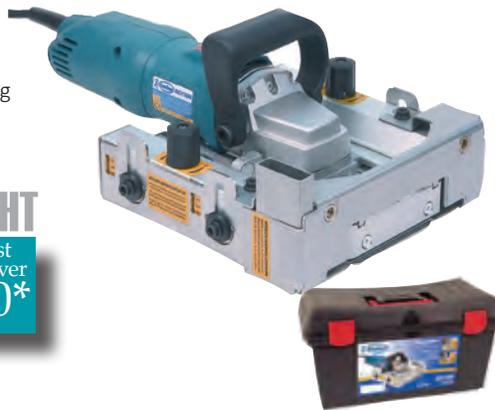
#### Includes

Carbide saw blade Z 24 and dust collection pipe 3.5m long

#### Specifications

- Double isolation
- Input power: 900W
- Cutting depth: 0- 1.85
- Minimum cutting height: 5/16"
- Maximum cutting height: 1-3/8"
- No-load speed: 4.800- 8.500/min
- Base Plate: 3" x 18"
- Weight: 11 lbs

*Saw blades for cutting metal, concrete, tile and more are available.*



**FREE FREIGHT**  
on most orders over  
**\$500\***



*Cut door frames without disassembling the butt straps.*



*Easy approach to corners.*

### LARGE DOOR PLANER

Get the finest planer ever made!

For door professionals only! Actually, anyone who desires the highest standard of quality in tools will appreciate the craftsmanship that goes into this planer. The single piece housing is made entirely of aluminium, making it very sturdy, yet light. It's power-rated to perform the heaviest and most demanding types of planing jobs. And, it comes with replaceable hard-metal twin-use knives. Blades are reversible and self indexing, 2 blades per cutterhead.

#### VIR24

**3540118** Planer blades pack of 2

**VIR24-1** Beveler attachment

**FREE SHIPPING**



#### SPECIFICATIONS

Input Power.....	1,200 W
Cutting Width.....	3.15"
No Load Speed.....	13,100/min.
Cutting Depth.....	0-1/8"
Rabbeting Depth.....	1"
Shipping: .....	13 lbs.



# ROUTERS

## DEWALT

### Professional-grade routers!

#### 1-3/4 HP ROUTER

- Motor provides the power to rout smoothly through the toughest hardwoods
- Micro-fine depth adjustment ring provides precise depth adjustments in 1/64" increments and adjusts vertically for a constant switch/cord set location
- Adjustable, tool-free motor cam lock makes depth adjustment quickly
- Quick release motor latches for fast and easy removal for bit and base changes
- Use the same motor pack for all bases
- Clear sub-base accepts standard template guide bushings
- Dust-sealed switch provides durability and long switch life
- Right or left switch and cord set
- Flat top for easy bit and depth changes
- Self-releasing, long, eight-slotted collets eliminate frozen bits
- 24,500 RPM
- 1/2", 1/4" collet diameter
- Base dimension- 6"
- Weight- 7.1 lbs
- Shipping: 10 lbs

**Includes:** • Motor Pack

- Fixed Base
- 2 wrenches
- 1/4" and 1/2" collets
- Sub-base concentricity gauge

15-174  
DEW616M

1-3/4HP  
MOTOR ONLY



DEW616M

**FREE** FREIGHT  
on most orders over \$500\*



## DEWALT

### HEAVY-DUTY 2-1/4 HP PLUNGE ROUTER COMBO KIT

- Includes: motor pack, fixed base, plunge base, 1/4" and 1/2" collets, wrench, sub-base concentricity gauge, large hole sub-base, vacuum adaptor, heavy-duty kit box

DEW618PK  
Shipping: 24lbs.



Power Tools

### NEED MORE HORSEPOWER?

## DEWALT

#### 2-1/4 HP EVS FIXED BASE ROUTER WITH SOFT START

- Electronic variable speed with full feedback control for constant speed under load
- Micro-fine depth adjustment ring provides precise adjustments in 1/64" increments
- Quick release motor latches for fast and easy motor pack removal for bit and base changes
- Detachable cord set
- Spindle lock to allow for one wrench bit changes
- Clear, LEXAN sub-base provides enhanced base durability, bit visibility, and accepts standard template guide bushings
- Heavy duty, precision machined, die-cast aluminum base and motor housing for durability and low tool weight
- Right or left switch and cord set location
- Includes: motor pack, fixed base, 1/4" and 1/2" collets, & wrench

DEW618 2-1/4HP



Rubber over molded handles and low center of gravity design give you greater control.

#### SPECIFICATIONS FOR DEW618

Amps .....	12.0	Depth Stop .....	Micro-fine ring
Horsepower .....	2-1/4 HP	Base dimension .....	6"
No load speed .....	8,000-24,000 rpm	Spindle lock .....	Yes
Collet diameter .....	1/2", 1/4"	Tool Weight .....	7.2 lbs
Plunge stroke .....	N/A	Shipping .....	10 lbs

## PARTS & ACCESSORIES

### ACCESSORIES FOR DEWALT ROUTERS

1/2" COLLET FOR DEW616  
BLA326286-03



1/4" COLLET FOR DEW616  
BLA326286-04

ROUTER SUB-BASE FOR DEW616  
BLA397531



TOGGLE SWITCH FOR DEW616  
BLA399064



FIXED BASE FOR DEW616/ DEW618 ROUTERS  
DW6184



ROUTER BRUSH ASSEMBLY  
BLA398139  
for DEW616 & DEW618



ROUTER BRUSH ASSEMBLY FOR DEW621  
BLA580017

DETACHABLE CORD SET

Detachable cord set lets you use the same motor pack for all bases.



13-1022

# ROUTERS

## BOSCH

### 2-1/4 HP FIXED-BASED ROUTER

- Variable speed dial
- Macro and microfine bit depth adjustment system with resettable depth indicator
- Large 3-3/4" base opening plus 2" subbase opening to accept large bits
- Exclusive Precision Centering Design centers bit precisely — Makes it easy to keep bit on intended outline when using jigs, templates, dovetail fixtures and similar guidance devices
- Right or left switch location
- One-piece armature shaft for accuracy and long bit shank capacity
- Soft Start to reduce start-up torque
- Constant Response Circuitry to maintain constant speed under load, provides overload protection
- Power Switch now includes dust-sealed power switch
- Includes: 1/4" collet chuck, 1/2" collet chuck, 16mm Shaft Wrench, collet nut wrench, chip shield, 10 ft. flexible rubber cord, fixed base, T-handle hex height adjustment wrench



2-1/4 HP  
15-163

#### SPECIFICATIONS

Rating .....	120V AC
Amperage .....	12
Base Opening .....	3-3/4"
Collet Capacities .....	1/4", 3/8", 1/2", 8mm
Cord Length .....	10'

No Load RPM .....	8,000-25,000
Base Diameter .....	6"
Weight .....	7.7 lbs.
Subbase Opening .....	2"
Shipping .....	8 lbs.

Power Tools

## DEWALT

### 2 HP HEAVY-DUTY ELECTRONIC PLUNGE ROUTER

- Integral dust extraction through plunge column
- Micro-fine depth adjuster
- Variable speed with electronic feedback circuitry maintains constant speed under load, provides soft start
- Standard equipment: 1/4" and 1/2" collets, template guide bushing adapter, vacuum adapter and wrench

15-364

Shipping: 12 lbs

#### SPECIFICATIONS

Collet Diameter .....	1/4" - 1/2"	Horsepower .....	2
Plunge Stroke .....	2-1/8"	No-Load RPM .....	8,000-24,000
Motor Amps .....	10 Amps	Weight .....	9 lbs.
Depth Stop ...	3 stage adjustable	Base Dimension ...	4-5/16"x6-1/4"



**Includes:** (1)- Woodrazor™ Mini Micrograin Blades (2), (1)- Dual-Mount Guide Fence, (1)- Straight No-Mar Plastic Overshoe for Fence, (1)- 3-Degree No-Mar Plastic Overshoe for Fence, (1) - Shavings Bag, (1)- Blade Wrench, (1)- Carrying Case

#### SPECIFICATIONS

Cut Capacity	3-1/4" wide 3/32" deep
No Load RPM .....	16,500
Rabbet Depth .....	5/16"
Rabbet Width .....	3-1/4"
Net Weight .....	6.3 lbs
Rating .....	120V AC
Shipping .....	14lbs

## BOSCH

### 3-1/4" PLANER

- 6.5-amp motor producing 16,500 rpm — for fast stock removal and smooth finish
- Dual-mount guide fence — helps with consistent planing through entire workpiece
- Lock-off release button — to avoid accidental starts, plus a lock-on button for extended operation
- Spring-loaded stand elevates tool — protects blade and tool resting spot
- Ball-joint cord swivel — for enhanced ease of positioning the tool and cord
- Protective shield and no-mar plastic overshoe mounts to either side of tool
- Aluminum front and rear shoes precision-machined together after assembly to ensure accuracy
- Ratcheting depth knob for foolproof depth-increment setting
- Reversible Bosch Woodrazor® micrograin carbide blades — lasts up to 30% longer
- Versatile two-blade system can be converted for use with large high-speed steel blades (optional accessories required)
- Ejection control allows shavings to be directed left or right
- Separate inch and metric depth scales for easy setting of planing depth
- Machined groove for chamfering
- Poly micro-V drive belt provides enhanced belt durability

BOS2632

MICROGRAIN CARBIDE BLADES  
BOS1202 SOLD IN PAIR

# TEMPLATES & LAMINATE TRIMMERS

## ROUTER TEMPLATE GUIDE KIT

Template Guide Kit-contains POR42024, POR42036, POR42027, POR42033, POR42045, POR42054, POR42042, and Lock Nut POR42237 (2)

### POR42000

Shipping: 1 lb. each

## PORTER CABLE

### ROUTER TEMPLATE GUIDES

Comes in convenient sizes for any woodworking project.

Order No.	Purpose	ID	OD	Distance Past Base
POR42237	Lock nut			
POR42021	Stair routing 1-1/8" thick-threads	1-1/32"	1-1/4"	7/16"
POR42024	Lock face routing	21/32"	3/4"	9/16"
POR42030	General routing	25/32"	1"	3/8"
POR42033	General routing	13/32"	1/2"	5/16"
POR42039	Hinge butt routing	3/4"	59/64"	9/16"
POR42042	Hinge butt routing	5/8"	51/64"	9/16"
POR42045	For use with Stanley T-3 template	17/32"	5/8"	9/16"
POR42048	For hinges with 5/8" corner radius	1-3/8"		17/32"

Shipping: 1 lb. each



POR42033

POR42042

POR42048



### TEMPLATE GUIDE ADAPTER

Adapts Bosch routers to accept template guides of competitive brands. Will not work with: BOS1613, BOS1614, BOS1617, or BOS1618

### BOS00512

Shipping: 1 lb.



## PORTER CABLE

### LAMINATE TRIMMER

- 31,000 RPM, 4.5 amp motor provides the power and durability required to cut in various materials
- Perfect for most trimming, small edge forming and hinge routing applications
- Ergonomics allow for comfortable, single-handed control
- Precision-machined, cast-aluminum fixed base provides long term durability
- Quick release clips to remove the motor from the base
- Micro-set collar for quick and accurate bit height adjustments
- Spindle lock button allows for single-wrench bit changes
- 1/4" collet
- LED light and clear sub-base ensure maximum visibility in operation

### POR6430



**FREE** FREIGHT  
on most orders over \$500\*

Power Tools

### SPECIFICATIONS

Motor Amps .....	4.5
Weight .....	3.6 lbs
No Load Speed .....	31,000RPM
Speed .....	31,000RPM
Collet Dia .....	1/4"
Collets .....	1/4"
Spindle lock .....	Yes

## DEWALT

### LAMINATE TRIMMER

- 31,000 RPM, 4.5 amp motor provides the power and durability required to cut in various materials
- Perfect for most trimming, small edge forming and hinge routing applications
- Ergonomics allow for comfortable, single-handed control
- Clear plastic fixed base provides long term durability and better line of sight while trimming
- Quick release clips to remove the motor from the base
- Micro-set collar for quick and accurate bit height adjustments
- Spindle lock button allows for single-wrench bit changes
- 1/4" collet
- LED light and clear sub-base ensure maximum visibility in operation

### DEWE6000

Shipping: 6 lbs



# DRILLS & SANDER



SPECIFICATIONS	
Chuck Capacity .....	3/8"
Gear Reduction .....	Single
Max Power Output (Watts).....	650
Tool Length.....	9.6"
Shipping .....	6 lbs.
Motor Amps.....	.8
No Load (RPM).....	0-2,500
Max Drilling Capacity	
Steel twist bit .....	3/8"
Wood .....	1"- 1-1/8"

## DEWALT 3/8" (10MM) VSR PISTOL GRIP DRILL KIT WITH KEYLESS CHUCK

- 8.0 Amp motor delivers high performance in heavy-duty applications
- 3/8" all-metal ratcheting keyless chuck for greater bit retention
- 0-2,500 RPM, VSR trigger for versatility in drilling and fastening applications
- Soft grip handle design offers increased gripping surface and comfort
- All ball-bearing construction provides greater durability and longer tool life

**DEW21009**

## SOLID CARBIDE LAMINATE TRIM BITS

1/4" cutting edge

Need Laminate Bits?

**FST5000**

**FST5001**

Shipping: 1 lb. each



Flush Trimmer



7° Bevel Trimmer

Power Tools



SPECIFICATIONS			
Amps (AC only).....	9.0	Capacities	
RPM.....	0- 550	Wood (Spade Bit)	1-1/2"
Gear Reduction .....	Triple	Wood (Self-Feed)	2-9/16"
Overall Length .....	15-1/2"	Wood (Hole Saw)	5"
Tool Wt. ....	7.5 lbs.	Wood (Auger Bit)	1-1/2"
		Steel (Twist Bit)	1/2"
		Steel (Hole Saw)	3"

## DEWALT 1/2" SPADE HANDLE DRILL

- Variable speed reversible switch reduces air bubbles when mixing mud and offers greater control when drilling
- 0-550 RPM provides increased torque for drilling and mud mixing
- 9.0 AMPS, 120V motor provides enough power for any job site application
- 7.5 lbs. (3.4 kg) increases user productivity and decreases user fatigue
- Soft grip handle for increased comfort
- 2-position rear spade handle and 3-position side handle gives greater control for all drilling and mixing applications
- Includes 3-position side handle, chuck key with holder and 2-position rear spade handle

**DEW130V**

Shipping: 9 lbs.

**FREE** **FREIGHT**  
on most  
orders over  
**\$500\***

**In a Hurry?**  
You can get what you need  
by tomorrow!  
We ship UPS Overnite,  
2nd-day, and 3-day Select.  
Federal Express is also  
available.

## 1 HP 12" DISC SANDER

This production style 12" Disc Sander is ideal for shaping and smoothing edges, squaring end-cuts and trying simple and compound miters. The precision ground cast iron table adjusts for bevel sanding up to 45° and the 1 HP totally enclosed fan cooled direct drive motor spins at 1,700 RPM, which is ideal for wood sanding applications. Uses 12" pressure sensitive adhesive sanding discs.

**WOO1828**

SPECIFICATIONS			
Motor Size .....	1 HP, 110V	Dust port .....	2"
Motor speed .....	1,725 RPM	Power cord .....	5'
Disc size.....	12"	Footprint .....	13"W x 10"D
Table tilt.....	0-45°	Miter guage slot.....	5/8"W x 1/4"H
Table size ..18"w x 17-3/8"d	14.5"h	Approx. shipping wt .....	74 lbs.



### PSA ALUMINUM OXIDE SANDING DISC - PK. OF 2

These 12" diameter 80 grit aluminum oxide sanding discs are sized to fit most common disc sanders and are sold in a 2 pk. These sanding discs are pre-applied with top-quality pressure sensitive adhesive.

**WOO1336**

# SANDERS



## DEWALT HEAVY-DUTY 1/4 SHEET PALM GRIP SANDER

- 2.4 Amp motor sands at 14,000 opm, providing a superior finish
- Textured anti-slip top & body grip
- Dust sealed switch for increased durability
- Sealed 100% ball-bearing construction provides longer life
- High capacity dust collection bag with built in vacuum
- Dual plane counter-balanced low-vibration design reduces fatigue
- Includes: dust bag with vacuum adapter and sandpaper punch

**DEW26441**

### SPECIFICATIONS

Amps .....	2.4 Amps	Paper Size/Type.....	1/4 Sheet
Orbits/Min.....	14,000 opm	SFPM .....	N/A
Orbit Diameter .....	1/16"	Dust Sealed Switch.....	Yes
Dust Collection.....	Yes	Pad/Pad Break.....	N/A
Tool Weight.....	3.0 lbs	Shipping.....	6.5 lbs



## DEWALT 5" RANDOM ORBITAL SANDER

- 3.0 Amp motor that spins the pad at 12,000 OPM
- Shorter height allows the user to get closer to work piece
- Rubber over-mold in all of the critical areas of the sander
- Separate counterweight design reduces vibration
- Dust-sealed switch to protect against dust ingestion for longer switch life
- Improved dust collection and interfacing with our vacuum locking system
- Dust bag has innovative one-hand locking system
- Includes sander, owner manual, dust bag and carrying case (bag)

**DEW6423K**  
Shipping: 2 lb.



### SPECIFICATIONS

Amps .....	3.0	Dust Sealed Switch.....	yes
Orbits/Min.....	12,000	Pad.....	hook & loop
Orbit Diameter.....	3/32"	Tool Weight .....	2.9 lbs.



## PORTER CABLE 5" RANDOM ORBIT SANDER

- Provides maximum sanding speed for smooth finishes
- Controlled Finishing System maintains controllable pad speed and minimizes gouging during start up
- Dual-plane counter-balanced fan reduces user fatigue
- Dust-sealed switch protects against dust ingestion for longer switch life
- Sealed 100% ball-bearing construction
- Accepts 5", 8-hole hook and loop paper

**POR382**  
Shipping: 2 lb.

### SPECIFICATIONS

Amps .....	1.9 Amps	Shipping Dimensions:	
Pad Speed .....	12,000 OPM	Length.....	11"
Pad.....	5", 8 hole	Width.....	5"
Abrasive type .....	Hook & loop	Height.....	5.5"
Weight .....	3.0lbs	Shipping.....	4lbs



## 5" RANDOM ORBIT SANDER REPLACEMENT PAD

**POR13700 5"**  
Shipping: 1 lb. each

# ABRASIVES

## SF 168 SK

**STEARATED SILICON CARBIDE PAPER  
SELF STICK ADHESIVE**

### Recommended for Corian!

Hard sharp silicon carbide grain on a very flexible paper provides outstanding surface finishes. Stearate coated to reduce premature loading and clogging from sanding dust. The self stick adhesive allows for quick and easy application and removal of discs.

Priced per package of 100 discs, except 80 & 100 grit, which are priced per 50 disc package.



### 5" DISC

Order No.	Grit	Qty
HER14012SF	120-A	100
HER14010SF	100-A	50
HER14008SF	80-A	50

Shipping: 1 lb. each

Abrasives



## VC 152 SK SELF ADHESIVE

### Maximum cutting life!

Resin Bond Non-Loading Aluminum Oxide Paper- PSA C-Weight Production Paper VC 152 SK is a Hermes development that provides an outstanding combination of fast cutting action on wood-in-the-white, as well as resistance to loading when sanding painted surfaces. It is coated on strong paper backing for maximum cutting life together with excellent tear resistance.

### 5" DISCS

Order No.	Grit	Box Quantity
HER2022VC	220-C	100
HER2015VC	150-C	100
HER2012VC	120-C	100
HER2010VC	100-C	100
HER2008VC	80-C	50

Shipping: 3 lbs. each

### 6" DISCS

Order No.	Grit	Box Quantity
HER2122VC	220-C	100
HER2112VC	120-C	100
HER2108VC	80-C	50

Shipping: 5 lbs. each



- A wt lube paper backing
- Silicon carbide mineral
- Open coating
- Use on Lacquer/paint, plastic & wood
  - Self adhesive

### FANDELI 5" DISC SILICON CARBIDE

Order No.	Grit	Sheet/box
FAN19	80	50
FAN20	100	50
FAN21	220	50

Shipping: 3 lbs.



### FANDELI 6" DISC SILICON CARBIDE

Order No.	Grit	Sheet/box
FAN23	100	50



## HAND PALM SANDER

These palm sanders have vinyl pads for use with PSA discs. Ideal for quick jobs or touch-ups.

**FER50 5"**  
Shipping: 1 lb. each



## FLAP SANDING WHEELS UNMOUNTED

- Aluminum Oxide A.N.S.I. Graded.
- Poly-cotton.
- Ideal for grinding metal and wood.

**13-220** 6" x 1" wheel

**FAN2** 6" x 1-1/2" wheel

# ABRASIVES

## FANDELI 5" DISC HEAVY DUTY



- Self adhesive
- Resin bond
- Open coat
- Fepa "P" grade
- For wood, metal, leather, lacquers, paints

Order No.	Grit	Sheet/box
FAN4	150G	50
FAN5	120G	50
FAN7	80G	50

Shipping: 3 lbs.



## FANDELI 9"X11" PRODUCTION PAPER



### ANSI GRADED, STEARATED PAPER, OPEN COAT SILICON CARBIDE PAPER SHEETS

- Resists loading
- Self-sharpening grain provides increased productivity

Order No.	Grit	Sheet/box
FAN15	150	100

Shipping: 3 lbs.



Abrasives

## HERMES 9"X11" PRODUCTION PAPER

### VC 152 RESIN STEARATED BOND NON-LOADING ALUMINUM OXIDE PAPER C-WEIGHT

This is a Hermes product with fast, clean cutting action on wood-in-the-white and excellent resistance to loading on painted surfaces.



Order No.	Grit	Sheet/box
HER91181VC	80-C	50

Shipping: 3 lbs.

# ABRASIVES



## HERMES SANDING BELTS

RB346-MX X-WEIGHT  
ALUMINUM OXIDE CLOTH BELT RESIN BOND  
Designed especially for the new 6" x 48" edge sanders now on the market. A heavy-duty product for demanding applications.

6" x 89" PRICES ARE PER BELT

Order No.	Grit
HER68910	100
HER68908	80



## PORTER CABLE SANDING BELTS

"PURPLE BELTS" FOR COATED ABRASIVE BELT APPLICATIONS

- Increased cut rates.
- Consistent finish results.
- Substantially reduced sanding times.
- PLUS, twice the performance of any portable sanding belt.

3" X 21" 5 BELTS PER BOX

Order No.	Grit
POR13534	80

Abrasives

## RESIN BOND A/O X-WEIGHT CLOTH PREMIUM QUALITY

- Strong sharp aluminum oxide grain
- Bonded with a heat resistant resin to a high strength backing
- Fast cutting and resistant to loading on a wide range of applications
- Open coat

3" x 21" 10 BELTS PER BOX

Order No.	Grit
HER32108	80



3" x 24" 10 BELTS PER BOX

Order No.	Grit
HER32408	80



4" X 24" 10 BELTS PER BOX

Order No.	Grit
HER42410	100
HER42408	80

Shipping: 2 lbs.



## PRO-STIK® ABRASIVE BELT CLEANERS

PADS (3" X 3" X 1-1/2")

WOO1310  
Shipping: 1 lb



STIKS (1-1/2" X 1-1/2" X 8-1/2")  
WOO1306  
Shipping: 1 lb



## HERMES WIDE BELTS

- Open coat facilitates less loading and clogging of the belt.
- Washable and reusable.
- Specially treated X-weight cotton cloth for anti-slip tracking and reduced stretching.
- Longer sanding belt life.

37" x 60"

Order No.	Grit
HER37612	120
HER37610	100
HER37608	80

Shipping: 5 lbs. Sold individually

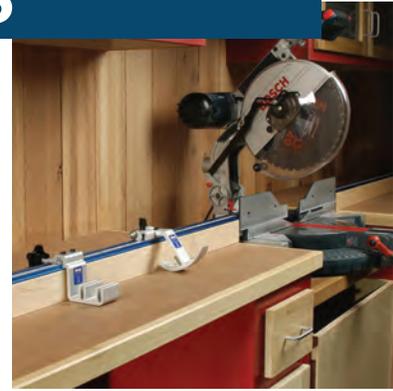


# TABLE SAW ACCESSORIES

## PRECISION TRAK & STOP KIT

Take the guesswork—and your tape measure and pencil—out of cutting wood to length. The Precision Trak and Stop Kit allows you to turn a miter saw into a precise cutting system. Simply position the stop at the dimensions you'd like to cut using the precision lens cursor, place the board against the stop, and cut to that exact length every time. You build the support wings out of plywood (or another sheet material), and then add the Trak. Outfitting your saw to cut perfectly-sized workpieces couldn't be simpler!

- Four 2' pieces of Top Trak
- Two 12' self adhesive tapes (L-R and R-L),
- One Swing Stop
- One Production Stop



**KRE8000**

### ADDITIONAL STANDARD SWING STOP

**KRE7801**

## 24" TOP TRAK

This Trak features a self-aligning, 'L'-shaped mounting foot for easy installation on a shop-made fence. Just drill 1/8" (3mm) holes through the back of the extrusion and secure with the included mounting screws. Also available in 48" (610mm) length.

**KRE7712**



## 48" TOP TRAK

This Trak features a self-aligning, 'L'-shaped mounting foot for easy installation on a shop-made fence. Just drill 1/8" (3mm) holes through the back of the extrusion and secure with the included mounting screws. Also available in 24" (1219mm) length.

**KRE7714**



Table Saw



### SELF-ADHESIVE TAPE

This 1/2" wide, self-adhesive measuring tape fits snugly into the indentation on table saws. Metallic tape is highly scuff resistant and can be trimmed to length with scissors. Be sure to choose the correct tape orientation... left-to-right reading to the right of the saw blade, right-to-left reading to the left of the saw

blade.

**KRE15** Left to right 12'

**KRE16** Right to left 12'

### SELF-ADHESIVE TAPE METRIC

**KRE17** Right to left 3.5 meters

**KRE18** Left to right 3.5 meters



### SELF-ADHESIVE TAPE USED ON OUR MACHINES

**13-853** Right to left

**13-854** Left to right

### SELF-ADHESIVE TAPES

#### Steel tapes that last and last!

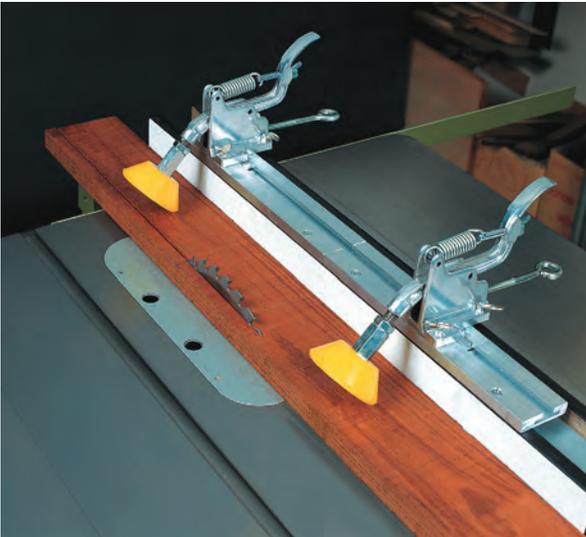
These heavy-duty steel tapes can be easily applied with self-adhesive backing. The measurements begin at 0" and ascend either to the right of center or the left of center. Calibrations are in 1/32" for the first foot and 1/16" thereafter. English/Metric tapes are calibrated 1/16" / 1.5 mm.

RH = tape reads right to left  
LH = tape reads left to right



Order No.	Description
NOR101	LH, 6' Length, 3/4"width
NOR102	LH, 12' Length, 1/2"width
NOR103	RH, 6' Length, 1/2"width
NOR104	RH, 12' Length, 1/2"width

# SHOP SAFETY



## FOR TABLE SAWS YELLOW BOARD BUDDIES

These yellow wheels turn clockwise to prevent kickback on table saws. Mounts to fences 3" to 3-1/2" high x 1" or wider.

- Clockwise rotation
- Prevent kickback on tablesaws and router tables.
- Mounts to fences 3" to 3-1/2" high x 1" or wider.
- Non-marring
- Neoprene wheels
- Die-cast aluminum construction

**WOO1104** YELLOW Shipping: 4 lbs.



## PUSH BLOCK

High-impact molded plastic and a natural rubber friction pad that grips the work piece firmly. Bright orange color for safety.

**WOO1400**  
Shipping: 1 lb.



Shop Accessories

## PUSH STICK

**KEEP YOUR HANDS AND FINGERS SAFE FROM BLADES AND CUTTERS!**

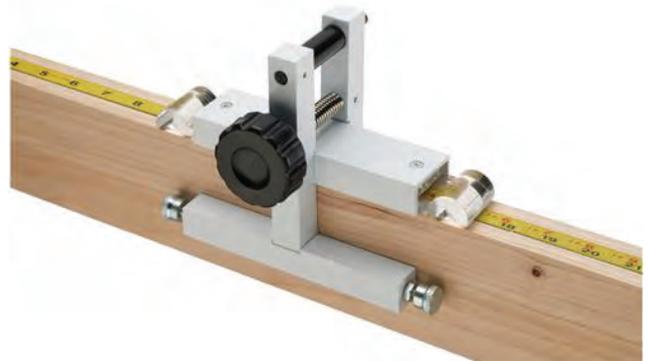
A true necessity when running narrow stock. Durable handle is ergonomically designed for maximum control of the work piece against machine fences. Designed in the USA!

**WOO3122**  
Shipping: 1 lb.

## PRECISION STOP BLOCK

Ideal for cutting multiple pieces to the same size, this stop block also eliminates marking and adjusting the workpiece to the saw blade when cutting single pieces. Features micro-adjustable stops and two magnified hairline cursors for left and right of the blade operation. Works with fences 1-1/2" wide and a minimum of 2-1/4" in height.

**WOO1109**



# SHOP ACCESSORIES



## EZ GRIP 7-IN-1 MULTIPURPOSE PAINTER TOOL

7-in-1 multi-purpose painter tool works as a scraper, a spreader, a gouger, a putty remover, a paint roller cleaner, a nail setter and a nail puller. With an ergonomically engineered handle designed to decrease hand fatigue, this multi-tool increases leverage, control and productivity. The full tang, stainless steel blade runs the entire length of the handle and is perforated at five critical points. Molded into the handle, the blade eliminates ordinary rivets to create a user-friendly, virtually indestructible tool.

**RED6251**



## DRY FILM LUBRICANT

Contains PTFE, the advanced Dry Film lubricant technology from DuPont®. Penetrates and bonds to most surfaces. Prevents sticking, reducing friction and wear and is highly resistant to oil, dust and dirt build-up.

**CRC03044**  
Ground shipping only.  
Shipping: 2 lbs.

DO NOT USE ON MAGNUM BUTT ROUTERS



## 3-M SCOTCH-GRIP HIGH PERFORMANCE CONTACT ADHESIVE

Adhesive for wear strip installation on most Norfield machines. Ships by surface carrier only. 5 fluid oz. tube.

**SAC1357**



## SPECIAL SMOOTH CUT LAMINATE FILE

Single Cut File

Cat. #	Size	Shipping
PRA10	10"	1 lb.5
PRA12	12"	1 lb.

## PLASTI-CUT™ DUPLEX™ FILE

- Fast-cut one side, smooth-cut the other
- One edge without teeth
- 10" OAL

**PRA100**

Shipping: 1 lb.



## PROFESSIONAL, DEPENDABLE PUTTY KNIVES

High-carbon, precision-ground steel blade is lacquered to prevent rust. The handle is made from long-lasting molded polypropylene, the safety material that gives you maximum gripping power.

**RED4204** Flexible-blade putty knife  
Shipping: 1 lb.



## DRILL GUIDE KIT

This simple, yet precise Drill Guide locates exact drilling centers and guides drill bits perfectly perpendicular to the workpiece on flat, round, spherical and corner edges. The Drill Guide also acts as a quick and accurate dowel drilling guide for edge joining. Includes 3/16", 1/4", 5/16", 3/8", 7/16" and 1/2" drill bushings, locating pin and guide.

**WOO3206**

## LOOP GRIP HEX KEY T-HANDLE SETS

Made from heat-treated 8650 alloy steel for maximum toughness and dimensional accuracy.



Catalog #	Description	Arm Length	Shipping
EKL33168	8 key kit 3/32" - 1/4"	6"	2 lbs.
EKL33198	8 key kit 3/32" - 1/4"	9"	2 lbs.

## FOLDING HEX KEY SET

Rugged, dependable and folds up into a convenient case like a pocket knife.

- Hex size stamped on shaft.
- Spring loaded to hold tool in any position.
- Black oxide finish, one-piece steel case.



Catalog #	Description	Arm Length	Shipping
13-388	9 keys 5/64" - 1/4"	4-1/4"	1 lb.
13-389	5 keys 3/16" - 3/8"	5-1/4"	2 lbs.

# SHOP ACCESSORIES



## 150 PC. MEGA BRUSH SET

For not much more than the cost of a few off-the-shelf foam or bristle brushes, this Mega Brush Set includes 50 Foam Brushes with Wooden Handles, 50 Bristle Brushes with Wooden Handles and 50 Glue Brushes in assorted sizes. Ideal for quick painting, staining and finishing jobs, as well as spreading glue, flux and pipe dope, the convenience factor alone makes this set one of the best deals around!

**WOO3105**



## 50 PC. GLUE BRUSH SET

The best guarantee for a fail-safe glue joint is to spread the glue evenly over the entire surface. The best way to spread glue is with one of these disposable glue brushes. Small enough to fit into tight mortises, yet large enough to spread glue quickly, these glue brushes belong in every woodshop. Plumbers and pipe fitters also use these brushes for flux and pipe dope. Poly-bagged.

**WOO2026**

## GORILLA 8OZ WOOD GLUE

New Gorilla Wood Glue, bonds stronger, faster for wood-to-wood applications. It's hard working and long lasting. Your wood glue just got a lot tougher! Has a special formula created for a variety of wood surfaces, is water-resistant, and has no dyes for a better looking bond line.

- Shorter Clamp time and is 80% cured in 1-2 hours
- Dries clear contains no dyes, is water resistant, and passes ANSI/HPVA Type II
- Convenient snap-up cap seals when snapped down
- Versatile, good for use on hardwoods, softwoods, and wood composites

**NORGW8**



## 8OZ GORILLA GLUE

The best of the polyurethane adhesives provides a strong bond that will last.

- 100% waterproof, does not break down when exposed to outdoor elements. Easily passes ANSI/HPVA HP-1-2000 Types 1 and 2.
- 100% solids, no mixing- use directly from the bottle
- No volatile components- no need for evaporation,
- 20 minute open time
- Sandable & stainable, bonds both porous & nonporous surfaces, metals, glass, ceramics, plastics & more.
- Follow instructions for best results.
- Versatile, ideal for most household fixes, building repairs and creative projects.

**NORGR8**



## FAMOWOOD® WATERBASE WOOD FILLER

All the features of the original Famowood®... now without the solvent.

Pint Size Only

Catalog #	Description:
VEL102	Birch
VEL103	Natural
VEL104	Red Oak
VEL101	Oak
VEL105	Cherry/Dk Mahogany
VEL106	White Pine
VEL107	Fir/Maple
VEL108	White

Shipping: 3 lbs. each.

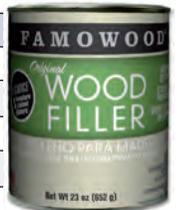
## FAMOWOOD WOOD FILLER

Professional wood filler fills holes and cracks quickly, dries rapidly with no noticeable shrinkage, sands easily and is waterproof and weatherproof.



All it takes is a few quick seconds to fill in mistakes...then sand them clean!

Cat. #	Color
VEL112	Alder
VEL201	Ash
VEL202	Cherry/Dk.Mhg.
VEL203	Fir/Maple
VEL204	Walnut
VEL410	Mahogany
VEL510	Natural/Ash



Famowood® must ship surface carrier.  
Shipping: 2 lbs. each.

## MACHINE CLEANER

All-purpose machine cleaner leaves no residue and is safe on most plastic and electrical parts. Cleans pitch from rollers, gears and other machine parts. Do not use on polycarbonate plastics or sensitive electronic equipment or energized equipment.

**CRC03150**

NOTE: DO NOT USE ON MAGNUM BUTT ROUTERS! Ground Shipping only. Shipping: 2 lbs.



# SHOP ACCESSORIES



## DEAD BLOW 16 OZ HAMMER

Unlike rubber mallets, dead-blow hammers won't bounce off your work. Sealed lead shot in the hammer's head delivers all the kinetic force to the contact point - exactly where it should be.

**WOO1085** 16 OZ



Bristles 2-1/2" long, overall length 12"

## BENCH BRUSH

Great for cleaning chips and debris at your Door Lite Machine, assembly station and work bench! Natural horsehair bristles do a thorough but gentle job while producing less static electricity than synthetic brushes.

**PRA08**  
Shipping: 1 lb.



## Fumble fingers? Telescoping magnet lifts 16 lbs!

Save your back! This handy magnet extends to 30" to pick up that errant tool or dropped screws! Grip is oversized and designed for comfort.

**WOO3204**  
Shipping: 1 lbs.



## 10" PRECISION MOLDING BAR

- Ideal for reducing material damage when prying molding and trim
- Polished flat surface and beveled claws for precise penetration
- Forged, high-carbon spring steel for extreme strength and durability
- Flat striking face allows claw to be driven under deeply embedded nails
- Tempered to help reduce chipping and heat-treated for durability

**DEW55117**



## PROFESSIONAL LAMINATE CUTTER

Carbide-tipped for quality cutting of laminates.

**PRA344**  
Shipping: 1 lb.

**PRA345** Extra Blade  
Shipping: 1 lb.

Extra Blade

## DE-BURR LITE HOLES AND CUT-OUT EDGES!

Remove rough edges on steel doors with this light-weight deburring tool. Includes two blades.

**DEBURRING TOOL**  
**ENC38003**

**REPLACEMENT BLADE**  
**ENC38023**

Shipping: 1 lb.



## 4-PIECE NAIL SET

Case hardened nail sets are conveniently packaged in sets of four tip sizes. Bright fluorescent colors for easy identification and location. Tip sizes include: 1/32", 1/16", 3/32", and 1/8".

**WOO2530**  
Shipping: 1 lbs.

# SHOP ACCESSORIES



## FILE J-ROLLER

The most popular hand roller for plastic laminate. 12" OAL

**PRA78**

Shipping: 2 lbs.



## PRESSURE ROLLER

For heavy plastic laminates

The 1/2" diameter steel handle is specially designed to provide maximum pressure. Durable 1-1/2" diameter x 3" wide nonmarking black rubber roller has no axle projection on the end, allowing scratchless flush work. Rust resistant, zinc plated finish. Overall length, 14-3/4".

**GUNV300**

Shipping: 2 lbs.

Shop Accessories

## TOOL BALANCER

### Make ergonomics work for you!

- Tension and release devices engineered for safety/ease of use
- Stainless steel spring edge rolled for longer life
- Heavy duty aluminum housing for industrial environments
  - Compact size (2.9" body diameter)
  - Cord length, 6'



Perfect for use on the Norfield Magnum and 350H!

**10-187**

## INDUSTRIAL TOOL BALANCERS

**5-LB STEEL CABLE BALANCER**

**10-187**

Shipping: 3 lbs.

**5-LB 6FT ADJUSTABLE STEEL CABLE BALANCER**  
**10-410**

Without hanger

**10-1289**

Shipping: 2 lbs.



Catalog#	Ratchet Lock	Cable length	Load Range
NORH10	No	8.0'	5-10 lbs.
NORH11	Yes	8.0'	5-10 lbs

Shipping: 2 lbs. each

## EXTENSION ROLLER

Three 2-1/4" resilient rollers. Special hand grip at the roller section; heavy pressure can be applied right where it is needed, at the rollers. The twist-lock handle can be quickly adjusted from 18" up to 27".

**PRA333**

Shipping: 4 lbs.



## SEAM ROLLER

Steel roller applies level pressure. The 9" hardwood handle allows a firm two-handed grip when needed. 11" OAL

**PRA348**

Shipping: 4 lbs.



## EDGE SQUEEZE ROLLER

Puts pressure on the laminate at the edges to seal them down tight to the substrate. The tip roller rides on the underside and the mid-roller rides on the upperside to put handle pressure on the edge. 12" OAL

**PRA79**

Shipping: 2 lbs.

# DUST COLLECTORS



## 3 PHASE

### 15-327 5 HP 2733 CFM 3 PHASE 220-VOLT/440-VOLT VERTICAL BAG DUST COLLECTOR

- High Output 5 HP TEFC (Totally Enclosed Fan Cooled) Motor Design for Long and Continuous Use
- 3,990-CFM / 220-Volts or 440-Volts (Wired for 220V) / 60-hertz / 3-Phase – Additional Component Required for 440V
- 7-Inch Inlet Allowing For Four 4-Inch “Y”-Shaped Attachments
- All Metal Body And Fan Impeller Construction For Durability – Plus Roller Wheel For Maneuverability Between Areas As Needed
- Ideal For Servicing Wood Working Shops And Industrial Workshops

15-327

#### SPECIFICATIONS

Motor .....	5HP
Inlet diameter .....	7" x 1
.....	4" x 4 (standard)
.....	5" x 2 (optional)
Air volume .....	2733 CFM
Bag volume .....	20.97FT <sup>3</sup>
Static Pressure of water .....	10.55 inch
Packing .....	57" x 30" x 31"
Net weight.....	253lbs
Gross weight .....	363 lbs

## CLEAR DUST COLLECTION BAG

- Length 47-5/8"
- Width 38-3/8"
- Diameter 24"
- 6 mil thickness
- Price per each bag

103PC



## TOP AND LOWER BAG FOR 15-327, 1 PAIR

- 25 Micron rated dust collection bag

103FC



## 3 PHASE

### 3 HP DUST COLLECTOR 3PH 230/460V, 30-MICRON BAG FILTER KIT

This Dust Collector is strong enough to use with planers, wide belt sanders, table saws and most other woodworking machines. The exclusive TurboCone™ improves chip separation to prevent clogging of the filter, and increases packing efficiency of the collector bags. The canister filter offers superior filtering surface area over standard bags, and captures 98% of 2-micron particles. The all-metal duct improves rigidity and air flow. The clear collector bags are large capacity, which means less down-time changing them. Four swivel casters and conveniently located handles allow for easy mobility.

#### FEATURES:

- TurboCone improves chip separation and collector bag packing efficiency
- The cone eliminates premature filter clogging for sustained performance
- All-metal duct construction for rigidity and improved air flow
- 30-micron filter bags for improved capture of fine dust particles
- The large impeller is powered by a 3HP motor for peak performance
- Triple 4" dust ports allow for several hoses to be attached at the same time
- Cloth collection bags with view window use a snap ring for rapid installation/removal
- 10 cubic feet collection bag capacity reduces number of bag changes.
- Tall filter bags require less cleaning due to the larger surface area
- Four swivel casters for easy maneuverability

JET1792073K

(Because of drop ship status this product does not ship free freight)

#### SPECIFICATIONS

Air flow @ 4"	234CFM,
Air flow @ 8"	1,754 CFM
Motor voltage	230V, 460V
Motor current	8-1/5Amps, 4-1/0Amps
Efficiency	30 Micron
Static pressure	11.31 WC
Sound rating	86-92 DB
Bag diameter	20 inches
Velocity @ 4"	5,200CFM
Collection bag capacity	10 Cu. Ft.
Collection bag length	30 in
Filter bag/canister length	48in

# DUST COLLECTORS



## DUST COLLECTOR

Dedicated collection for larger machines is *now affordable!*

For wood dust only. Come with a 2.5 micron felt upper filtration and a plastic (PE) lower collection bag.

**WOO1666      2HP      220V**  
**15-328      1-1/2 HP      110V**

*(Because of weight these products do not qualify for free freight)*

## SPECIFICATIONS

6" Inlet with a removable "Y" fitting with two 4" openings  
 Portable base size: 21-1/2" x 33-1/2"  
 Bag volume: 5.4 cubic feet  
 Height (with bags inflated): 78"  
 Bag size (Dia. x depth): 19" x 33" (2)  
 Powder-coated finish  
 Impeller: Balanced steel, radial fin 12"  
 Air suction capacity 2HP: Approx. 1,550 CFM  
 Air suction capacity 1-1/2HP: Approx. 1,280CFM  
 Static pressure 2HP: 12.3" 1-1/2HP: 10.1"  
 Standard bag filtration: 2.5 Micron  
 Approx. shipping weight: 108 lbs.

**UPPER REPLACEMENT BAG**  
**WOO1795**

**LOWER REPLACEMENT BAG**  
**WOO4573      PACK OF 5**  
**CLAMP FOR REPLACEMENT BAG**  
**WOOX1666**

## SINGLE PHASE

### 1 HP 800 CFM DUST COLLECTOR

*Designed for portability, the model W1727 1 HP Dust Collector can be moved from one machine to another when needed, instead of having to build an entire fixed dust collection system and running ducts to each machine. CSA certified meeting CSA C22.2 #243-M91 and UL 1017-4th standards!*



## SPECIFICATIONS

- Motor: 1 HP, 110V/220V, single-phase, prewired 110V
- Motor amp draw: 9A/4.5A
- Air suction capacity: 800 CFM
- Static pressure: 5.67"
- Number of 4" intake holes: 1
- Impeller: 9" balanced steel, radial fin
- Bag capacity: 2.1 cubic feet
- Portable base size: 15-3/4" x 26"
- Bag size (diameter x depth): 14-3/4" x 24-3/8" (2)
- Powder-coated finish
- Height with bags inflated: 54-1/2"
- Standard bag filtration: 2.5 micron
- Sound level: 79-81 dB
- Approximate shipping weight: 59 lbs.

**WOO1727 1HP**

*This product does not ship free freight)*



Dust Collection

## 3HP 2,800 CFM DUST COLLECTOR

When you are ready to take your dust collection system to the next level, this 3 HP Dust Collector will be your first choice. The increased air suction capacity will allow you to build bigger and more complex dust collection systems with room to spare. Also, the double collection setup means less down time emptying bags and shaking out filters - this translates to more time spent actually making the dust! CSA certified meeting CSA C22.2 #243-M91 and UL 1017-4th standards! For wood dust only. Comes with a 2.5 micron felt upper filtration and a plastic (PE) lower collection bag.

**WOO1687      3HP      240V**

*(Because of weight these products does not qualify for free freight)*



## SPECIFICATIONS

Motor size: 3 HP, 240V, Single-phase, 3,450 RPM  
 Motor amp draw: 12A  
 Impeller: 13" balanced steel radial fin  
 Maximum inlet size: 8"  
 Inlet adapter: 4-way x 4" inlets  
 Air suction cap.: Approx. 2,800 CFM  
 Static pressure: 14.4  
 Bag size (Dia. x depth): 19" x 33" (4)  
 Height (with bags inflated): 78"  
 Bag volume: 10.8 Cubic Feet  
 Standard bag filtration: 2.5 Micron  
 Approx. shipping weight: 202 lbs

# DUST COLLECTION BAGS & ADAPTORS

## LOWER COLLECTOR DUST COLLECTION BAG



**JET708699** without strap  
Works on DC-1200, DC-1900, DC5600

**JET708699A** with strap  
Works on DC-1100VX & DC1200VX, 30 micron

## UPPER COLLECTOR DUST COLLECTION BAG



- Cloth upper bags filter out all but the finest of dust particles
- 1" H x 12" W x 8" D

**JET6286600**

## ADAPTORS

Connect 2-1/2" line to a 3" or 4" line, or to tie into other machines that have 2-1/2" connections. Good for shop vacs.



Order No.	Dia.	Overall Size
WOO1041	2-1/2" x 3"	3-13/16" x 3"
WOO1044	2-1/2" x 4"	4-1/2" x 4-1/4"

## HOSE CLAMPS

STEEL CLAMPS	
Size	Order No.
2"	WOO1025
2.5"	WOO1313
3"	WOO1021
4"	WOO1022
5"	WOO1023
6"	WOO1024
8"	13-607



## SPLICES

Connect full sections of hose for longer runs or to utilize short sections.



Order No.	Dia.	Overall Size
WOO4227	2.5"	Fits most larger vacuum hose
13-1086	4"	6-1/8" x 3-15/16" x 3-15/16"

## UNIVERSAL ADAPTOR

Seven-step adaptor provides a multitude of dust collection reducing options. Simply cut away unneeded steps with a hacksaw. Outside diameter step sizes include 1", 2", 2-1/2", 3", 4", 5" and 6". Wall thickness is 1/8".



Order No.	Overall Size
13-1129	9-1/2" L x 3" W x 3" D

## Ts

Add branches to your system so you can service each machine in the shop. They're helpful when space or design constraints limit the use of Ys. Available in 3" & 4" O.D.



Order No.	Dia.	Overall Size
WOO1012	3"	7-5/8" x 6" x 2-7/8"
13-1338	4"	9-3/4" x 8" x 4-1/6"



## CLEAR PLASTIC DUST COLLECTION BAG

- Clear plastic design allows you to easily monitor chip level
- Sold in quantities of one

**DEL04450** Bag size 33" x 50"  
Works on 50-762 & 50-763

**DEL50-891** Bag size 25-3/4" x 46"  
Works on 50-760, 50-788 & 50-789



## CLEAR PLASTIC COLLECTION BAG, 5-PACK

- Clear plastic collection bags collect dust 15 times smaller than standard filters
- Captures particles as small as 2 microns for optimal lung health and cleaner work environment
- Reduces air-resistance to provide a 10-20% more CFM than conventional dust collectors
- Transparent bags make it easy to tell when they are full

**JET709563** 20" Diameter

## FLOOR SWEEP COMES IN HANDY

In conjunction with 4" blast gate, this clever floor sweep cleans up shop messes quickly and easily. Sweep dust toward suction, and it's gone! Affixes easily to the floor using double-sided tape.

- 24" wide x 3-1/2" high x 7" deep
- overall outlet diameter- 4"
- weight- .73 lb
- material thickness- 3/32"
- flange- 3/4" wide



Floor sweep (above) snugly attaches to collector hose. Blast gate (right) is required to control air flow.



Shipping: 1 lb each.

# DUST COLLECTION HOSES & ADAPTORS



## HOSE

- Tough polyethylene hose
- Ideally suited for duct work
- Flexible, very strong, durable and most importantly, economical

Order No.	Size	Shipping.
WOO1031	4"x10'	6 lbs.
WOO1033	5"x10'	9 lbs.

## CLEAR FLEX HOSE FOR NORFIELD MACHINERY

Order No.	Size
USP36049	2"
USP36050	2-1/2"
USP36051	3"
USP36053	4"
USP36055	5"
USP36057	6"
USP36058**	8"



\*Sold by the foot. Max. Length is 50'.  
\*\*Max length of 8" hose is 25'

## ELBOWS

Elbows are necessary whenever ductwork changes direction.



Order No.	Dia.	Radius	Shipping
WOO4235	2-1/2"	2-1/2"	1 lbs
WOO1016	3"	3"	2 lbs
13-1071	4"	4"	2 lbs



## Ys

Ys are used to attach branch lines to service more than one machine. Increases lateral air flow and efficiency over other types of fittings. These popular fittings are available in 3" or 4" diameter and can be used as clean-outs as well.

Order No.	Dia.	Overall Size
WOO1014	3"	7-7/8" x 6-3/4" x 2-7/8"
WOO1015	4"	9-13/16" x 8-1/4" x 4-1/16"



## UNIVERSAL DUST HOOD

The Universal Dust Hood fits over a 4-1/2" hole and can be adapted to many woodworking tools. Material thickness is 3/32". Outlet diameter is 4" O.D. Flange is 3/4" wide. Overall size 6-1/4" x 6-1/4" x 2-1/2"

Order No.	Dia.
WOO1010	4"



## BLAST GATES

Plastic blast gates are economically priced and feature a textured surface and easy sliding gate action. The aluminum blast gates are top quality and feature a cast aluminum body with steel gate and locking knob.

Size	Order No.	Type
3"	WOO1006	ABS plastic
4"	WOO1007	ABS plastic
5"	WOO1008	ABS plastic

## REDUCERS

- Step down from a larger main line to smaller branch lines
- Increase air velocity near the machine where it's needed most

Order No.	Dia.	Overall Size
WOO1011	4" to 3"	3-7/8" x 2-15/16" x 3-7/16"
WOO1037	5" to 4"	



## BARREL-TOP SHOP VACUUM

Turn a 55-gallon drum into a highly efficient shop vac!

Collects sawdust and wood chips to keep your shop clean and safe. Vacuum fits on top of a 55 gallon barrel.

(Barrel not included.)

All models include:

- 5' wire-reinforced rubber/PVC hose
- 14-gauge steel blower
- Dust/filter bag, 5 micron
- Front & side intake nozzles
- 8' power cord

Shipping: 77 lbs.

(Because of drop ship status this product does not ship free freight)



Order #	HP	Phase	Voltage	Max. Sound	Dia.	CFM
WWG3002	2	3	230/460V	83 dBA	6"	1310

## REPLACEMENT VACUUM BAG

## WWG111

# TIME FOLD SERIES & EDM



## TIME FOLD SERIES

ASSEMBLY MASTER

TILT MASTER

### Assembly Master and Tilt Master

#### Options:

- *Jamb supports* hold jamb improves installation of hinges to door and jamb (set of 4)
- *Head/sill clamp module* holds sill tightly for accurate side jamb stapling
- *Air hose assemblies* let you add air tools as needed
- *Connector brackets* protect air connection to adjacent work stations
- *Hardware trays* hold hinges, screws, etc., for easy access (set of 2)

### Assembly Master

#### Options:

- *Hardware trays* hold hinges, screws, etc., for easy access (set of 2)
- *Lite insertion module* includes a padded table that easily lifts the lite into the door cutout for assembly

### Capabilities

- Door Width 2'-6" to 3'0"
  - Door Height 6'-8" to 7'0"
- Door thickness, casing, brick molding, jamb width, height, and thickness are supported.

### Assembly Processes for a 3-Station System

#### Station A

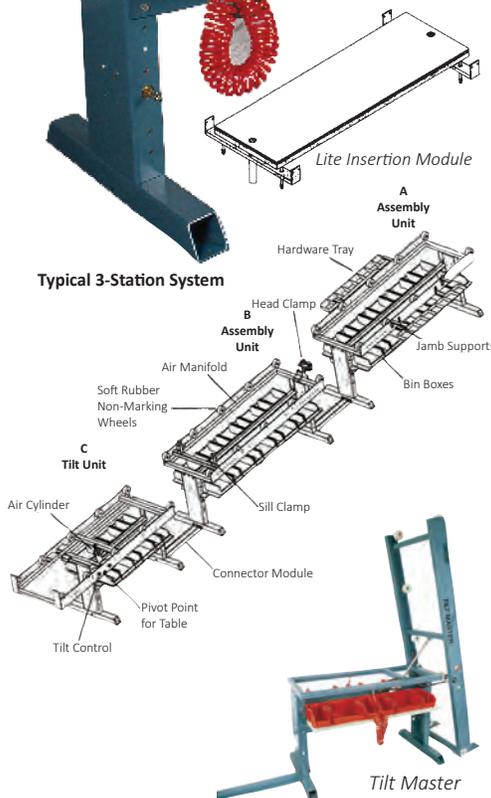
- Pull door from stack/cart and place on station.
- Pull hinge, jamb and sweep.
- Install hinges to door and jamb
- Install shipping clips to lock side door
- Install sweep

#### Station B

- Pull head and strike jamb and sill
- Staple side jambs to head jamb
- Caulk side jambs for sill
- Position sill and clamp
- Staple side jamb to sill
- Screw shipping clip to jamb

#### Station C

- Pull brickmold
- Install brickmold
- Install shipping brace to bottom of sill
- Install instruction and product labels
- Mark customer identification data
- Place completed unit in shipping area or cart



Typical 3-Station System

Tilt Master

## EXTERIOR DOOR MACHINE

DESIGNED FOR EXTERIOR DOOR ASSEMBLY

## EDM



### EDM STANDARD FEATURES

- Inserts door lites into doors
- Attaches jambs and moulding
- Used to assemble door frames
- Tool trays surrounding the under edges of the EDM conveniently hold hardware and supplies
- Raises and flips door to attach exterior jambs and assemble the door frame
- Tilt arm raises door to vertical position for easy off loading

### EDM CAPABILITIES

Door width	2'6" to 3'0"
Door height	6'8" to 8'0"
Door thickness	1-3/4"
Electrical	110V
Pneumatic	5CFM @ 90 psi
Floor space	48" x 224".



Arm holds the jamb in place to easily secured the jamb to the door.

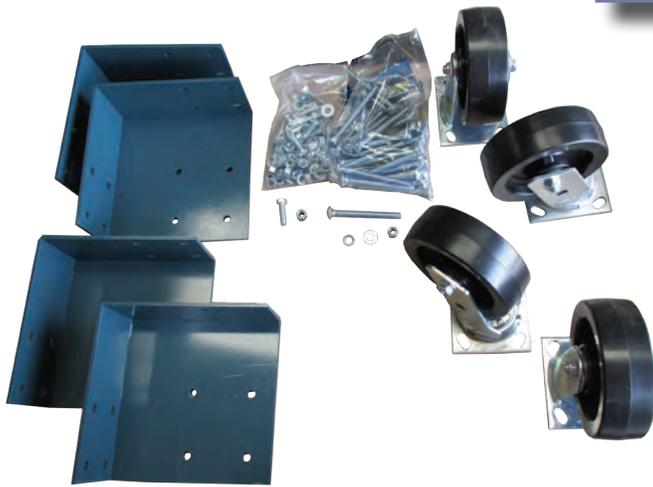


EDM effortlessly raises and flips the door in place.

Handling

# DOOR CARTS

## DOOR CART KIT



### Low cost option...assemble yourself!

The Norfield Cart Kits have been designed to provide you with a sturdy, low cost, and easy to assemble solution to your cart needs. The kit includes all of the steel parts, bolts, nuts, washers, and casters to build the carts. You supply the 2X4s and the plywood. While these kits are very useful in their basic form, they can also be used as a platform to create custom carts for your specific needs. *Weight rating 2200 lbs.*

#### NOR926

Shipping: 120 lbs. (This product does not ship free freight)

INCLUDED	
4	Corner Bracket, Caster Mount
2	Caster, Ridged
2	Caster, Swivel
	Hardware
1	4 Wheel Assembly Instructions



For more information check our website

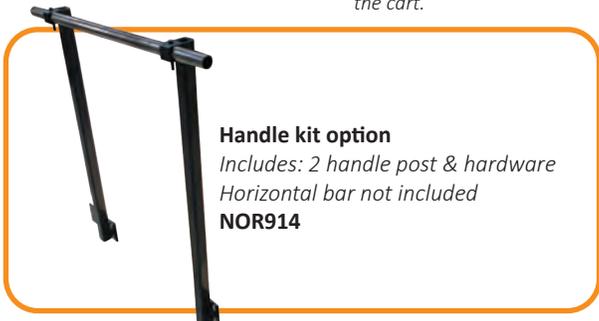
#### Tools required to assembled cart:

- Saw, for wood cutting
- Drill Motor
- 3/8 Drill Bit
- Two 9/16" Wrenches
- Two 1/2" Wrenches
- Hammer
- Two Clamps (must open to 5")



Items needed, not included with the cart.

Handling



**Handle kit option**  
Includes: 2 handle post & hardware  
Horizontal bar not included  
**NOR914**

Image of cart assembled  
Designed to accommodate  
1, 2 or no handles.  
(Handles not included)



Cart assembled, wood products not included in purchase.

### TILTING DOOR CART

Maneuver heavy or awkward double doors with side lites or transoms with ease. Able to support even a 500 lb. door unit. All four casters on the tilting door cart are on the ground for work; tilt forward on front caster to off-load the door unit.

You won't have to lift and flip the unit to work on both sides. Simply lean it against the cart to get to the other side. Sturdy, well positioned handle makes it easy to tilt.

#### Dimensions:

**60"W x 87.5"H x 26"D**

Adjustable height to 110"

#### 6450-900

Shipping: 120 lbs.

(Because of drop ship status this product does not ship free freight)



### DOOR CLAMP

Holds door open while drilling and fitting locks

- No set-up time needed.
- No more searching for alternative door stops.
- Padded to prevent door and floor damage.
- For doors up to 55mm thick.

#### TRE13



# DOOR INSTALLATION

## LIFT 'N SWIVEL DOOR LIFTER

The one-man solution for lifting heavy doors!

You'll never have to risk muscle injury again! The ingenious design allows a single person to lift even the heaviest door off its hinges and swivel it to either side.

Or, if you're trying to place a door on its hinges, the frontal adjustment mechanism will help with precise placement. It's covered with a special substance which will guard against scratches. It weighs in at only 2.2 lbs and can easily fit in any toolbox. The door lifter can pick up to 420 lbs!

7000600



## GORILLA DOOR GRIPPER

1-1/4" to 2" thickness

Gripping hand tool designed for lifting, carrying and moving doors that are large, unwieldy and heavy, with surprising ease! The unique Gorilla Gripper grips from the top, making it easy to position, providing wonderful leverage, permitting a full field of vision while carrying, and encouraging proper lifting technique.

LAN1

\$49.95



## DOOR LIFTER

Removing a door from its frame has never been easier when using our new door lifter! In just a few easy steps, the door is lifted and swiveled out of the way on a ball-bearing base. Say goodbye to the days of using crossed chisels, screwdrivers, or anything else that wasn't designed specifically for this sort of task. The MAJDL150 has a textured foot pedal to prevent slipping and a cushioned base to protect the floor surface.

MAJDL150



made in the USA



## DOOR LIFTER

- Foot operated freeing up the users hands.
- Slides under door and stays flat and stable until ready to activate the lift with users foot.
- Lifts door 1-1/2 inch (38 mm) high and maximum weight 240 lbs (108 kg).
- Made from plastic and non marring.
- Cam design with internal weight to keep level for ease of use.
- Ideal for pinned hinges.
- Extra care needed with veneered doors.
- No need to use a chisel and bolster.
- Can be carried in a tool belt.

TRE17

[norfield.com](http://norfield.com)

Handling

# DOOR INSTALLATION



## “TRANSPORTER” DOOR CART

### Lift door into place by releasing a single pin!

Use this handy and durable transporter to wheel doors to the installation point, then by releasing the pin, the door lifts automatically in place. The Transporter weighs only 60 lbs, yet will lift and transport doors weighing up to 250 lbs! It quickly folds up when you're done, breaking down to 26" x 45" x 7". Non-marking full-swivel wheels lock in place for security.

**HAR50**

Shipping: 65 lbs Because of drop ship status, this product does not ship free freight.



**NEW!**



## THE DOOR STUD HEAVY - COMMERCIAL DOOR INSTALLATION TOOL

Installing doors was a time-consuming, tedious and a potentially costly process – until the Door Stud. The Door Stud is a door installation tool that revolutionizes how builders install pre-hung or slab doors. The Door Stud cuts typical installation labor time in half. The Door Stud touts a steel constructed design with a single action clamp and soft-grip handles. This durable tool simplifies the install of 1-3/4-in. and 2-3/4- in. pre-hung or slab doors. With the Door Stud, the installer handles a door once. The Door Stud is vertically adjustable; holding the door upright and leveling the door in three directions for preparation of installation. The Door Stud enables the installer to conduct a single person, hands-free installation by mobilizing the door and preventing it from resting against the interior walls of the home; thus preventing damage to the wall, the door and the installer. Once the door installation is complete, the Door Stud is removed from the bottom edge of the door, ready to be used on the next job.

- Weight 16.6 lbs
- Capacity 600 lbs
- Dimensions 24 x 8 x 3.5 in

**DOORSTUD HEAVY**



## THE DOOR STUD DOOR INSTALLATION TOOL

The Door-Stud is a door installation tool that revolutionizes how builders install pre-hung or slab doors. The Door-Stud door installation process allows for a single person, hands-free door installation; reducing typical installation labor by 50%!

This innovative door installation tool is designed for builders to DIY who are looking to increase their productivity and reduce the risk of damage to the door or surrounding wall. With The Door-Stud, the installer handles a door once (yes – one time). Able to accommodate 1-3/8" and 1-3/4" pre-hung or slab doors, The Door-Stud touts a durable steel constructed design.

### Additional features:

- Single action clamp and soft-grip handle design for an improved ergonomic feel and greater control when fastening
- Vertically adjustable, door is held upright which allows for leveling in three directions in preparation for installation
- Eliminates the need for the door to rest against the interior walls of the home, preventing damage to walls or the door itself
- Provides a consistent, quality, install experience time after time

**DOORSTUD**

# MATERIAL HANDLING



## Lightweight wooden door holder stores flat

Here's an inexpensive, portable solution when you need a door stand. The simple wedge design firmly clamps the door in place so you can plane, rout for hinge mortises, or for prepping the lock. Keep a few on hand for an assembly line approach when doing multiple doors.

**TEMWD2** *Lightweight, portable and highly stable with fold away feet for flat storage.*  
Shipping: 8 lbs.



## DOOR STAND

Holds door on it's edge while routing hinge recess and mortise for locks.

- Holds door securely
- For doors 1-1/4" to 2-5/32" thick
- Allows door to be tilted back to assist fitting into frame
- Maximum door weight 110 lbs
- Non scratch base and adjustable clamp

**TRE12**



**FREE FREIGHT**  
on most orders over \$500\*



## MASTERLINE DOUBLE CLAMP DOOR HOLDER

You can't find a tougher door holder than this!

Made of welded tube steel, this is the most heavy duty holder on the market. Firmly supports heavy doors for mortising, drilling, planing, and other processes. Holds doors up to 2-1/4" thick with a simple one-foot pedal operation, which activates clamping mechanisms on both sides, leaving your hands free for working.

**MFG200**

Shipping: 33 lbs. Assembly Required.



## MASTERLINE "DOOR DUDE"

- For pre-hung doors with or without brick mould installed.
- Maximum jamb width 6-9/16".
- 200 lb. capacity
- Great for shop or job site.

**MFG7705**

Because of drop ship status, this product does not ship free freight. Shipping: 42 lbs.



## DOOR STAND

Use as a door stand or to help you move a heavy door anywhere!

- Adjusts to various door thickness: 1-1/8", 1-3/8", 1-3/4" & 2-1/4"
- Stable enough to be used with wood or metal doors.
- Max weight, 300 lbs.

Cat.#	Item
DEN12	Door Stand without Wheels
Shipping: 10 lbs.	



Handling

# MATERIAL HANDLING



Scoop Dolly Base Model

## SCOOP DOLLY

**MOVE YOUR HEAVY, TALL AND LONG PRODUCTS AROUND YOUR WAREHOUSE OR ONTO A TRUCK SAFELY, WITHOUT A FORKLIFT.**

Tall, long and narrow objects like door units, staircases, window units, panel saws and prefabricated walls are difficult to move or load onto a truck. The Scoop Dolly makes loading or unloading these top-heavy objects a breeze. With the optional leverage bar, other heavy objects like bureaus and furniture (3 ft. tall or more) can also be loaded easily. The unique design allows the dolly to operate like a hand truck on a dolly. Unlike standard hand trucks, the object can be moved in any direction making long objects easy to move. Unlike conventional door dollies or drywall carts, the carrying section pivots instead of the entire dolly. This makes the dolly ergonomically easy to use by one person. Once loaded and tilted back, the load on the Scoop Dolly remains stable without needing to be supported by the operator. Load it and roll it, or walk away!

Shipping: 75 lbs

### STRXSCOOP

Because of drop ship status, this product does not ship free freight.

Handling



### DOUBLE SUCTION CUP

**Grip hard-to-maneuver**

**panels with ease!**

Twin suction cups provide maximum holding power for any smooth, flat surface. Cam-action levers snap open or closed to make placement and removal quick and easy. Order one for your truck *and* your shop! 80 lb. limit.

**WOO3042**

Shipping: 1 lb.



## DOORMINATOR® DOOR HANDLERS & INSTALLATION

The Doorminator® Door Handler makes fast work of handling and installing heavy commercial fire rated doors. Whether it's new construction or maintenance, one worker can safely, easily and rapidly handle doors that would normally require two or more people

Doorminator® provide safe, ergonomic handling of commercial doors from 7' tall, 4' wide, 2" thick and weights up to 160 lbs.

Shipping: 75 lbs

### TEL3070

Because of drop ship status, this product does not ship free freight.



### DOOR CADDY CART

The Door Caddy door installation cart makes it possible for one worker to remove, transport and install a heavy glass, wood or steel door without having to manually lift it. It will handle doors that are 10ft tall, 3-1/2" thick and has been used to install doors as heavy as 550lbs!

Because of drop ship status, this product does not ship free freight.

**DC100**



# MATERIAL HANDLING

## SIDE-WHEELER DOOR CART

Move material through narrow warehouse corridors with ease!

Now you can handle those large, heavy doors with ease when unloading space is limited. Simply load the Side Wheeler, tilt it back and roll along!

Standard features include:

- 10" pneumatic tires to make moving heavy loads easy
- Bicycle-grip handles ergonomically mounted for a sure grip
- Adjustable pivot wheel for turning ease of heavy loads, even double-doors
- Extension plate not included

### 920-001

Because of drop ship status, this product does not ship free freight. Shipping: 70 lbs.



## PORTABLE ROLLER STAND OFFERS STABILITY!

This four-point roller stand provides stability for every wood processing job. Welded square steel construction, variable height adjustment and flat storage make this the roller of choice.

- Adjusts in height from 24-1/2" to 42"
- 13" wide ball bearing roller
- Non-marring foot pads
- 150 lb. capacity

### WOO2054

Shipping: 9 lbs



## JOB SITE DOLLIE

This Dollie is great for the job site. It features a collapsible frame for easy storage on the delivery truck. This dollie easily lifts heavy doors and windows, plywood, drywall, paneling, plate glass, and more.

- A self-storing and removable handle
- Two clevis pins which hold the cart in the open or closed position
- One 8" casters with directional lock and one 8" caster with brake
- Pneumatic swivel or poly swivel wheels (your choice)
- An adjustable frame for handling different types of material

### 920-003

Because of drop ship status, this product does not ship free freight. Shipping: 70 lbs.



## ROLLER STAND WILL SUPPORT UP TO 250 LBS!

Large diameter ball bearing roller stand features smooth operation for a variety of processing and work support applications. Heavy pedestal base is stable and secure.

- Adjusts in height from 26-1/2" to 45"
- All-steel construction
- 15-7/8" wide ball bearing roller
- 250 lb. capacity

### WOO2273

Shipping: 21 lbs



## One man move 500 lbs? Easy, with this durable warehouse dolly!

Base and casters come pre-assembled. Easy adjustment for different types of material. One caster is equipped with a safety brake. Casters are heavy duty for easy rolling and to lengthen the life of the warehouse dolly. Padding is provided to keep your doors from becoming marred or scratched.

Weight Capacity: 500 lbs.  
Base Dimensions: 24"x48"  
Upper Frame: 34"x62"  
No fasteners needed.

### 920-002

Shipping: 50 lbs. Does not ship free freight.



## REPLACEMENT WHEELS

Cat.#	Item
ROY021	5" Swivel caster
ROY022	5" swivel caster with brake
ROY023	5" swivel caster w/directional lock

Replacement wheels: 250lb capacity each  
Shipping: 10 lbs.



## VERSATILE STAND QUICKLY ADJUSTS IN HEIGHT, UP TO 45"!

For greater work stability, this roller stand features five, large diameter ball bearing rollers mounted on a sturdy, adjustable pedestal base to extend the support.

- Adjusts in height from 26-1/2" to 45"
- All-steel construction
- 15-7/8" wide ball bearing rollers
- 250 lb. capacity

### WOO2274

Shipping: 36 lbs



Handling

# MATERIAL HANDLING



## THE DOOR WALKER

### Like having doors with wheels!

This ingenious product, the Door Walker, was designed to move those heavy doors around the jobsite without lifting and carrying. Since most solid core wood and hollow metal doors weigh over 100 lbs each, they are over OSHA lifting limits.

- Pneumatic tires to roll easily over cords, thresholds, etc.
- Strong, all welded steel construction.
- Easily handles the heaviest 1-3/4" solid core wood or hollow metal doors.
- Doubles as a work stand.
- Carpeted contact areas to protect the door.
- Reduces back injuries and muscle strain caused by carrying heavy, awkward doors.

#### HMD02

Because of drop ship status, this product does not ship free freight. Shipping: 25 lbs.



## UTILITY DOOR CART

- 5" heavy-duty polyolefin wheels
- Non-marking
- 400 lb. capacity per wheel
- Will not flat spot under load

#### Width

<b>7642-700</b>	1-3/4" - 2"
<b>7642-702</b>	2-1/4" - 2-1/2"
<b>7642-701</b>	2-1/2" - 2-3/4"

Shipping: 4 lbs.

## BIG PNEUMATIC WHEELS!

### "Big Foot" moves 300-lb. doors, even over rough terrain!

Heavy doors and plywood can be easily and safely moved, *even if your surfaces are rough or rutted!* When you place the door between the "L" uprights, the weight of the door clamps the uprights tight to keep it from shifting as it's transported. And, as a door stand, you'll appreciate its stability, even when working with oversized doors!

#### DEN14

Overall width: 26" w. Shipping: 14 lbs  
Maximum door thickness 2-1/4"



## MASTERLINE "DOOR DOLLY"

### An economical reason to stop lifting doors by hand!

Make life easier for yourself. You'll avoid damaging your doors and you'll be making every effort to save your employees' backs.

- Maximum door thickness 1-3/4"
- Use as a horizontal or vertical door stand
- 200 lb. capacity
- Plate width is 14", overall width 18-3/4"
- 8'0" door max

#### MFG76410

Shipping: 35 lbs.

**ROY875-OFR** (Older wheels 1 bubble)

**ROY875R** (Newer wheels 2 bubbles)



Handle expands to accommodate tall doors!

**FREE FREIGHT**  
on most orders over \$500\*



## DOOR TOTE

### Safely move extra tall doors!

Save time, money, and accidents by moving doors with the use of our door tote. The Door Tote will accommodate doors up to 1 3/4" wide. Equipped with pneumatic wheels for easy mobility. Holder portion is carpet lined to protect door, and the handle breaks down into three pieces for easy storage and transportation.

- Wheels are rated 300 lbs
- C2C distance of the wheels is 14"
- Outside to outside is 17"
- Up to 58"

#### MAJ100

# DOOR INSTALLATION



## SELF-ADJUSTING ALL TERRAIN

- Pivoting handle to pull when empty
- Non marring tires and wheels
- Rubber lined braces both sides
- Self Adjusting brace mechanism automatically adjust to hold any width sheet up to three inches
- Easy one man loading and unloading
- Easy storage, small foot print and low profile
- Reduces lifting injuries and shop accidents
- Breezes over air hoses and electrical conduit with big 12.25" pneumatic tires.

## STRXCART

Because of drop ship status, this product does not ship free freight.

## Optional



### Pivoting shelf and storage box

- Gives extra room for straps and tools
- Pivoting shelf adds 9" of carrying room for extra sheets or pre-hung doors.

## PAPSTB



## THE CHUD

The CHUD provides the ultimate solution for your finishing needs.

- Use on doors, windows, panels, refinishing, painting
- Solid steel construction
- No longer have to waste time finishing your project one side at a time

## CHUD

Because of drop ship status, this product does not ship free freight.



Red - BUI01  
Blue - BUI02

## Rebend "tweaked" hinges so you don't have to replace them!

These hinge adjustment tools allow you to fix bent or stressed hinges so the door closes properly, usually called "closing the swedging of a hinge" or "closing the gap." Most frequent adjustments will be completed on the top door hinge because it carries the greatest stress. Just slide the tool over the hinge knuckles of the bent hinge while the door is in closed position and bend the hinge slightly by pushing the tool toward the door knob/lever side of the door.

**BUI01** Standard size for .134 gauge hinges

**BUI02** Heavy weight size for .180 gauge hinges



## Commercial Door Adjuster

- Fixes bent or stressed hinges so the door closes properly
- Both sides of the door adjuster adjust hinges of different widths
- Capable of adjusting hinges with the width of 3/4" or 5/8"

## 500-400

Shipping wt: 4 lbs.

## RESIDENTIAL DOOR HINGE ADJUSTER

For a better fitting door, the hinge adjuster will adjust your residential hinges. Whether it is a heavy door that tends to lean away from the top hinge, or because of swelling or shrinking of the door due to the season, the door hinge adjuster will easily adjust the hinges to center the door.

- For standard size hinges
- Doesn't scratch hinges
- Simple and easy solution to sticking doors
- Centers door in doorway

**RES01** Residential sized hinges

Shipping: 4 lbs.



# SHIPPING AIDS



## 4" HINGE PROTECTORS

An easy way to protect your hinges during shipping. Fast, secure, strong, dependable, universal, reusable and recyclable! Works on hinges up to 4".

**910-028** Box of 2500

Shipping: 20 lbs

This product does not qualify for free freight.



## HINGE SHIMS

The quick solution to alignment!

Solve the age-old problem of keeping swing doors plumb during installation without the high-priced cost of an adjustable hinge. Fit standard door hinges.

### Thickness

<b>910-054**</b>	3-1/2"	.060"
<b>910-035*</b>	4"	.030"
<b>910-036*</b>	4"	.031"
<b>910-038*</b>	4"	.060"
<b>910-037*</b>	4-1/2"	.040"

\*750 shim/box

\*\*900 shims / box (packaged 50 blister packs of 18 each)

Shipping: 11lbs.

This product does not qualify for free freight.



Ask for a **FREE** sample kit. One per customer.

## HINGE PROTECTORS

Provides a protective covering over the hinge and the screws protruding through the jamb. Also serves as a cushion between doors when they are placed next to each other during shipping. May also be placed on the head jamb.



- 3-Inch Hinge Protector snaps over the hinge and is secured with one staple through the flap.
- Provides protection for the hinge.
- Provides a cushion between doors when they are placed adjacent to each other for shipping and storage.
- Can also be placed on the head jamb, or the "hingeless side" of the jamb, and used as a door separator. For this application, 3 or 4 staples would be used to secure it to the jamb.

**910-029** Box of 1,000

This product does not qualify for free freight.



## FAST- WRAP DOORS AND JAMBS

Film sticks to itself, and *not* to your finished doors!

Here's a convenient way to bundle the jamb stock for each door order as it goes out the door. A sturdy dispenser handle helps you "express-wrap" without a struggle.

Although this film is lightweight and flexible to the touch, it will provide an excellent puncture and tear-resistant surface. To unwrap, you simply cut through the film. It just won't stick to the surface of what you are wrapping.

- 80-gauge film
- 3" wide film
- Eighteen 1000' rolls per case
- **FREE DISPENSER HANDLE!**



**910-015**

This product does not qualify for free freight.. Shipping: 18 lbs.



## HOW A SIMPLE IDEA CAN PROTECT YOUR INVESTMENT!

When was the last time you had to "eat" the cost of hinges that got damaged in production or transit? Now you can protect your hinges, and your reputation, by slipping these flexible bands over hinge butt. No need to size...one size fits all! Box of 1,500.

### Flex Hinge Protectors

**910-026** Box of 1500

Shipping: 23 lbs.

This product does not qualify for free freight.

**Want to test out the Rubber band hinge protectors before you buy?**

Ask for a sample from your Sales Rep

# SHIPPING AIDS



Ask for a **FREE** sample kit. One per customer.

## SLAB CORNER PROTECTOR

This easy to apply clip will save your company from unnecessary returns due to corner damage caused during transport or display.

**910-051 1-3/4"** Box of 1,000

**910-050 1-3/8"** Box of 1,000  
This product does not qualify for free freight.



## LOCK OUT MOISTURE!

The door just isn't finished until you apply a corner pad seal!

Most door leaks and failures occur at the "crucial corner" - the junction of the door, door bottom, weatherstrip and door sill cap.

- Counteracts water infiltration: The shape works with the weatherstrip to create a larger channel/ space between the weatherstrip and corner pad, decreasing upward water pressure and counteracting water infiltration.
- Forms a tighter seal with the panel: Sealing lobes deliver an increased contact area between the panel and corner pad, providing consistent compression and improved sealing power.
- Corner Pad resists tearing with a unique shape that makes contact with the panellater in the closing process.

	White	Bronze	Tan
Box/500	910-041	910-039	
Box/2000	910-040	910-042	910-043



This product does not ship free freight.



## CORNER PROTECTORS



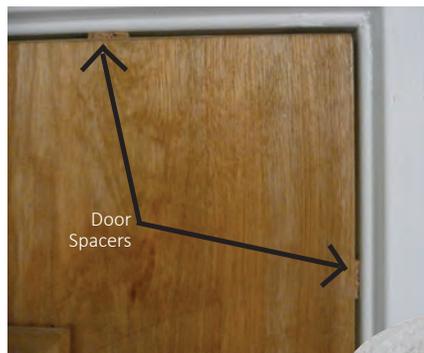
- Thicker than others available in the industry. They are designed with a built-in cushion which makes the corner protector easier to remove; including the staple!

- Will never crack or break while attached to the door.

This product does not ship free freight.

**910-063 1-3/8"** Box of 5,000

**910-064 1-3/4"** Box of 5,000



Ask for a **FREE** sample kit. One per customer.

## CORK SPACERS

Prevents twisting, rattling and damage during shipment!

Used for pre-hung doors, spacers applied between the jamb and the door for stability. There is no measuring as the proper spacing is automatic. The Spacer prevents twisting, rattling and damage during shipment. Spacers save time and money, no more nails or door repair to slow down the installation process. Each spacer is 3/4 x 3/4" x 1/8" thick.

**910-030** Roll of 10,000



## CASING CLIP



- For door shops using the casing hoop system.
- Fastest and easiest way to secure the casing without the use of nails.
- Holds casing securely in place for easy, damage-free transit.
- Easy for the builder to remove and install casing.
- No more putting nail holes!
- Removable, reusable and recyclable.



**910-065** Box of 1,000

This product does not ship free freight.



## DOOR CATCH

- One Piece Door Catch is used by door installers and trades people on commercial jobsites. Simply insert the Door Catch into the edge bore.
- Temporary door hardware can be expensive. For just pennies, Chicks® Door Catch can prevent costly sheet rock repairs as well as damaged doors due to entry doors being blown open by the elements on the jobsite.
- The flexible head allows for the entry door to be opened and closed easily by trades people coming and going throughout the day.



**910-066**

Box of 2,000

This product does not ship free freight.

# SHIPPING AIDS - DOOR PLUGS



Temporary door latch can be reused or recycled!  
And the door remains fully operational, unlike door straps.

## TEMPORARY DOOR LATCH

Here is a temporary door latch that makes it fast and easy to protect doors at your job site. Simply pop one in the bolt hole to keep doors functional, yet safe. Installation and operation is easy with one finger from either side of the door. Eliminate dents and dings due to wind-blown doors!

**910-005 BOX OF 300**

Shipping: 11lbs.

This product does not qualify for free freight



## THE DOOR SHIPPER & TEMPORARY LATCH

Allows you to install doors with correct margins, and without damage. It is the first and only door product to keep doors true through installation, and safely functional until the final hardware goes up. Easy to install in seconds with no tools required. Frees the entire door's surface for painting or finishing.

**910-010 BOX OF 500**

This product does not qualify for free freight..



## CHICKS ECONOMY DOOR PLUG

The economy door plug has the same benefits as the standard door plug (to the right) however it is constructed with a thinner wall, fewer interior threads and is manufactured in a more economical mold. Recommended for lighter interior door units.

**910-002 Box of 1000**

This product does not qualify for free freight..

## CLOSURE CLIP

- One piece low profile closure clips.
- Easy to install and remove
- Fits flat without interfering with the casing
- Reduces sag and maintains door reveal through installation



## FLAT JAMBS 2-3/8 BACKSET

**910-059 (500/BOX)**

## SPLIT JAMBS 2-3/8 BACKSET

**910-013 (500/BOX)**

## FLAT JAMBS 2-3/4" BACKSET

**910-014 (500/BOX)**

This product does not qualify for free freight.

## CHICKS DOOR PLUG

- Eliminates damaged doors and jambs caused by failures of the duplex nail during assembly and/or shipping
- Installs in seconds-- Raised cross-tee features on the bolt assure faster and easier assembly in the shop and disassembly in the field
- Saves time of predrilling hardwood or pre-finished jambs
- Telegraphs misalignment of strike prep and edge bore before the door unit leaves the shop
- Excellent for heavy doors, where other devices fail.
- Acts as an alignment guide for the installer while hanging the door unit
- Performs as a latchbolt on 2-3/8" backsets on exterior door units during construction to keep entry door or swinging patio door closed without use of wedges or other devices
- Reusable and recyclable

## DOOR PLUG

**910-001 BOX OF 1000**

## BOLT HEAD BIT

(FOR PLUG INSTALLATION)

**910-012**

## SIDELITE PLUG

**910-007 BOX OF 600**

Samples available

This product does not qualify for free freight. Shipping: 41 lbs.



Ask for a **FREE** sample kit.  
One per customer.

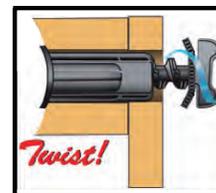
## LIGHTNING BOLT 2-PIECE CLOSURE

This two-piece Closure Bolt is for 2 3/8 and 2 3/4" backset doors with jambs up to 1" thick, right or left hand swing. It can be used on interior doors and exterior door to eliminate sag and to secure the door from manufacturing through installation.

The Closure requires a 1" diameter or a 3/4"x1" rectangular hole through the jamb. The two parts are supplied in a connected set of installation and ensure an equal number of matching parts supplied in each box.

**910-049 1000 PER BOX**

This product does not ship free freight.



Ask for a **FREE** sample kit.  
One per customer.



## DOORFAST CLOSURE BOLT

Doorfast closure bolt, twist and clicks securely in place faster than any other door plug on the market. This plug is strong, easy to use. Fits every size door from 2-3/8" to 2-3/4" backsets, split and flat jamb styles and jamb thicknesses up to 1".

**910-004 1000 PER BOX**

This product does not qualify for free freight.

# SHIPPING AIDS



## ECONOMY DOORSTRAP

Designed for shipping and installation of pre-hung door units. Fits all exterior and interior pre-hung doors with 2-1/8" cross bores and 1" edge bores, 2-3/8" backset only. Makes installation a breeze.

1. Insert barrel into the bore
2. Insert spacer between door and jamb
3. Pull strap tight and staple to back side of jamb

**910-003** Box of 1000  
This product does not qualify for free freight.

## ONE-PIECE DOOR PLUG

The door plug is easily installed in one step. Installation is through the jamb hole bore, saving time and is simpler and more efficient than two-piece door plugs.



Friction fit secures the door slab in the frame during transportation and like other door transportation products from LCS Precision Molding are priced at exceptional savings. Door Plugs are "the only" one-piece applied door plugs inserted through the exterior of the side jamb.

- Fits 3/4" x 1" rectangle bore hole
- Works with interior & exterior doors with a strike-bore through the side jambs.
- One-step installation saves time
- Can be easily removed with a claw hammer

**910-009** BOX OF 1000  
Shipping: 43 lbs. This product does not qualify for free freight.

## DOORFAST 2-PIECE CLOSURE

This two-piece Closure Bolt is for 2 3/8 and 2 3/4" backset doors with jambs up to 1 1/4" thick, right or left hand swing. It can be used on interior doors and exterior door to eliminate sag and to secure the door from manufacturing through installation.



The Closure requires a 1" diameter or a 3/4"x1" rectangular hole through the jamb. The two parts are supplied in a connected set of installation and ensure an equal number of matching parts supplied in each box.

**910-046** 1000 PER BOX  
This product does not ship free freight.



## "T" Reveal Spacers

Self-adhesive T-spacers (margin and trim spacers) maintain perfect reveal between the door and jamb. Remove protective covering and slip spacer between door and jamb. The T-spacers set and maintain proper margin and casing alignment, minimizing shipping damage to your door and jamb. Lightweight adhesive allows for easy removal of spacers when the door is opened, either before or after installation.

- A simple easy to use method for maintaining a perfect reveal.
- Helps maintain perfect reveal around the door during storing and shipping. Can be left in place through the installation process.
- Provides support as part of the DoorFast® installation system. If left in place, the spacer head serves as a guide for accurate and uniform installation of the casing.
- Easily removed when door is opened without leaving sticky residue.



Because of drop ship status, this product does not ship free freight

### 3/32" T-SPACER FOR EXTERIOR DOORS

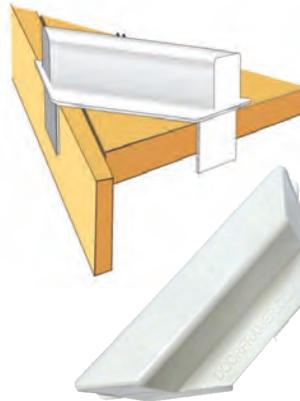
**910-033** (1000/BOX)

### 1/8" T-SPACER FOR INTERIOR DOORS

**910-032** (1000/BOX)

This product does not ship free freight.

## CORNER SPACER/RETAINER



- Inside pads to press door firmly against stop.
- Helps hold the door shut during shipping.
- Keeps the door from racking.
- Provides separation to prevent the hinges from damaging other doors during shipping.
- Protects head corners and provides skid plate.
- Gives the corner joint additional support.

**910-031** (500/BOX)

This product does not qualify for free freight.

## FRENCH DOOR CLIP

Now you can keep awkward french doors together!

Use with either interior or exterior, twin or french doors to ensure a stable door unit during transportation and installation. To secure clip to door frame, staple or screw to header.



**910-011** BOX OF 500 Shipping: 11lbs.  
This product does not qualify for free freight.

# SHIPPING AIDS



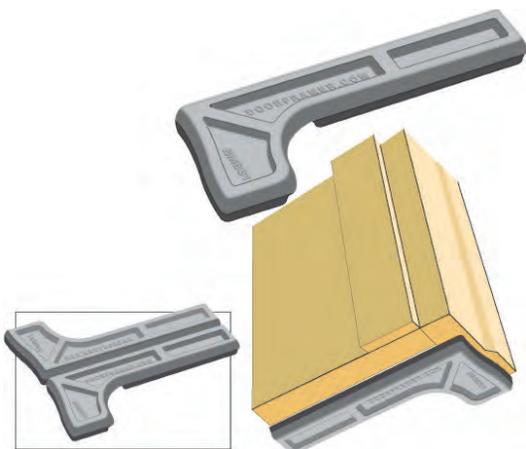
## BOTTOM STRAP / SKID COMBO

The Bottom Strap/Skid Combo combines the features of the Bottom Strap and the Bottom Skid to secure the jamb and door when no sill is attached.

- Helps secure the door to the jamb, preventing chattering.
- Protects the jamb from damage during shipping and handling while providing a skid plate for easy sliding.
- Easy to apply with just a few staples.
- Sleek continuous design reduces chance of part being dislodged by rough floors, wire racks or rollers.
- A cost effective alternative to cardboard, corrugated plastic or wood strips.
- Gives the corner joints additional support.
- Can be removed using conventional tools.
- Supplied in convenient sets of right and left hand parts.

**910-024 (250/SETS PER BOX)**

This product does not qualify for free freight.



## BRICK MOLD BOTTOM SKID

The Brick Mold Bottom Skid is designed to make the door easy to slide and to protect the jamb and molding on exterior doors with attached brick molding. The Bottom Skid is secured by stapling to the jamb and molding at convenient indentations in the part.

- Protects jamb and Brick Molding trim from damage during shipping and handling and provides a skid plate.
- Easy to install with staples to the bottom of the jamb and brick mold.
- Sleek continuous design reduces chance of part being dislodged by rough floors, wire racks or rollers.
- A cost effective alternative to cardboard, corrugated plastic or wood strips, providing savings over all existing techniques or products.
- Can be removed using conventional tools.
- Allows an easy gliding motion for moving the door and prevents chattering, protecting head joint integrity.
- Supplied in convenient sets of right and left hand parts.

**910-025 (500/SETS PER BOX)**

This product does not qualify for free freight.

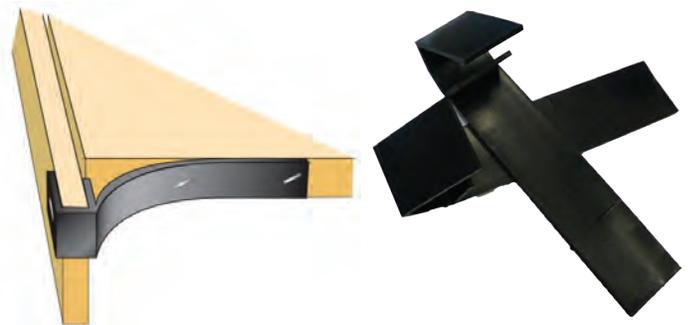
## Protect your doors and door jambs



### PLASTIC NAIL GLIDES

- Round oval white nail glides
- Head size 3/4"
- Thickness 3/16"
- Diameter 0.075"
- Length 11/16"
- Box of 1,000

**910-016**



## BOTTOM STRAP

Secures jamb and door when no sill is attached and protects bottom corners. Recommend one staple on side of jamb and two into the door bottom

- Cost saving
- Helps maintain reveal around the door.
- Helps to hold the door shut during shipping.
- Protects bottom corners and provides skid plate.
- Can be removed using conventional tools.
- Prevents chattering, protecting head joint integrity.

**910-021 (1000/BOX)**

This product does not qualify for free freight.

Ask for a **FREE** sample kit.  
One per customer.

# SHIPPING AIDS



## HEAVY DUTY LIFT HANDLE

Lift Handles are used to make the movement of doors easier. Typically used for exterior, sidelight and double doors, Lift Handles can also be used for heavier interior doors. Lift Handles are attached to the side jambs about 30" from the bottom. Six to eight 5/8" wood screws are recommended

**910-023 BOX OF 250**

Shipping: 11lbs. This product does not ship free freight.



## DOOR LIFT HANDLE

Get a grip! Up to 400 lbs!

Often damage to window or door units can be prevented because handles give a more secure grip on a unit. Lift handles screw into side jambs and make loading effortless. Each handle is rated for 400 lbs. and are made of engineered plastic. Your distributors and installers will thank you for this convenient feature you've included with your prehung units.

**910-017 BOX OF 200**

Shipping: 11lbs. This product does not ship free freight.



## DOOR CLIP

Holds pre-hung doors firmly shut during transportation and installation.

These handy door clips fit all interior and exterior doors with a 2-1/4" x 1-3/8" edge bore and attach quickly with screws to both the door slab and side jamb. Use of this door clip will insure door slab alignment and maintain a stable door unit for transportation and job site installation.

**910-006 BOX OF 1500**

Shipping: 11lbs. This product does not ship free freight.



## DOOR SKID PROTECTS

Slide heavy and awkward doors with ease.

Doors slide & skid easier and it's more economical than wood bracing. And they will prevent door jambs from splintering prior to permanent installation. They're easy to attach to side jambs with staples or screws. Raises door over 1/2" off floor.

**910-018 BOX OF 500**

Shipping: 11lbs. This product does not ship free freight.



## LIFT HANDLE

- It is recommended to apply all eight screws; especially on heavier door or window units.
- Rated for doors 300lbs

This product does not ship free freight.

**910-062 BOX OF 100**



## SLIDE/BOTTOM PROTECTOR

Helps ease transport of over sized, heavy and awkward units. Saves money over wood skids and will protect bottoms when moving or transporting units. Can be stapled or screwed to the bottom and will raise the unit one half inch off the floor, preventing damage prior to installation. Also available in beige, and sticky back.

**910-022 BOX OF 500**

Shipping: 11lbs. This product does not ship free freight.



## BOTTOMS SKIDS

The Bottom Skid is designed to protect the jamb from chipping and to make the door easier to slide. It's intended for use with both interior and exterior doors from the point of manufacture to the point of installation.

This product does not ship free freight.

**910-044 Box of 1000**



## UNIVERSAL BUSHING FOR EXTERIOR METAL DOORS

- Determine which adjustable metal frame is to be used.
- Apply the Bushing from the back side of the metal adjustable frame at the strike prep location.
- Slide the Standard Door Plug (Not included) (female portion) from the edge bore in the door through the strike prep in the metal adjustable frame and into the bushing.

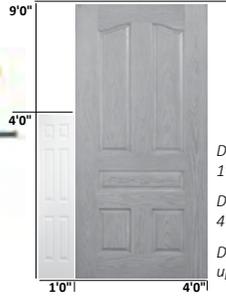
• Install the bolt and washer (male portion) into the Standard Door Plug body and tighten securely. This product does not ship free freight.

**910-067** Box of 1,000

# PREHANGING SYSTEMS

## MAGNUM LINE

### E SERIES MAGNUM



Door Width  
1'0" to 4'0"  
Door Height  
4'0" to 9'0"  
Door Thickness  
up to 2-1/4"

#### FEATURES

- Automatic face plate routing
- Quick change backset 2-3/8" & 2-3/4"
- Quick change 3-1/2 degree hinge mortise
- Bolt on wear surfaces
- Machine doors from 4' to 9' tall and from 1' to 4' wide
- Raised molding compatible
- One 8' (for doors up to 8') and one 9' integrated stop systems for quick change between pre-set hinge patterns

- Partial lock boring for door pulls
- Pneumatic jamb lift adjustment to ensure a perfect fit
- Insert cutters for low cost cutting blade replacement
- Self-centering butt router for easy hinge mortising
- 3.5° beveler/sizer
- Variable speed power feed allows for soft and hardwood doors
- Infinite door width adjustment
- Beveler/sizer bypass

## OR

### MAGNUM SYSTEM

FOR PREHANGERS WHO SPECIALIZE IN CUSTOM LINES

#### DOOR SPECS



Door Width  
1'0" to 4'0"  
Door Height  
4'0" to 9'0"  
Door Thickness  
up to 2-1/4"

#### FEATURES

- Raised molding compatible
- Two 8' (for doors up to 8') and one 9' integrated stop systems for quick change between pre-set hinge patterns
- Scaled index bar for door matching and special hinge patterns
- Pneumatic jamb adjustment to allow for perfect fit
- 3.5° faceplate mortising for beveled doors
- Self-centering router for easy hinge mortising
- 3.5° beveler/sizer and 3.5° hinge mortising
- Variable-speed powerfeed for soft & hardwoods
- Combination door jamb stop
- Partial lock boring for door pulls
- Insert cutters for low-cost replacement
- Dust collection plumbing for safety
- Upgrade options available

OPTIMUM SPEED/SHIFT: Up to 200 doors

#### VERTICAL LINE

SYSTEM COMPONENTS  
SIGNATURE SERIES MAGNUM  
MAGNUM LOADER  
MAGNUM UNLOADER



### MAGNUM LOADER

#### FEATURES

- 2,800 lb. capacity allows for stacks of the heaviest doors
- 48" stack height (including pallet) accommodates most house jobs
- Heavy-duty construction for long life
- Photo-eye automatically stages the next door
- Simple, operator-friendly controls



### MAGNUM UNLOADER

#### FEATURES

- Non-marking rollers
- Foot pedal activation
- Tilts 90° vertical to horizontal
- Connector bracket

CAN ALSO ADD TO  
MAGNUM LINE:

8900

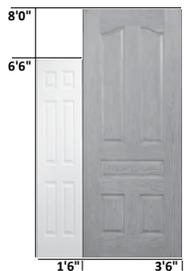
4100AC

## EAGLE LINE

### EAGLE SYSTEM

FOR PREHANGERS REQUIRING AUTOMATION, SPEED AND VERSATILITY

#### DOOR SPECS



Door Width  
1'6" to 3'6"  
Door Height  
6'6" to 8'0"  
Door Thickness  
1-3/8 to 1-3/4"

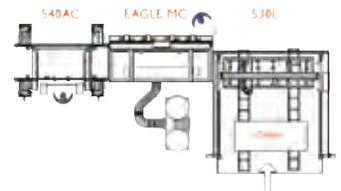
#### FEATURES

- 7" touchscreen controls with on-screen diagnostics & help screens
- Integrated system control
- One-touch change between A & B hinge patterns
- Raised molding ready
- Auto door position and door feed
- Auto width indexing
- Flush hinge-mortising on double beveled doors
- Interior/exterior ready for both wood and fiberglass
- Centrally located ergonomic controls
- Non-marking rubber rollers
- Dust collection plumbing for safety
- Upgrade options available

OPTIMUM SPEED/SHIFT: Up to 400 doors

#### HORIZONTAL LINE SYSTEM COMPONENTS

EAGLE MC  
560 SIZER/BEVELER  
530 LOADER  
540 ASSEMBLY CENTER



Machine Parts



### 540AC ASSEMBLY CENTER

#### FEATURES

- Ergonomic operator controls
- Foot pedal operation
- Extended header clamps for secure clamping
- Auto width adjustment
- Adjustable staple patterns
- Manual sequential control allows operator to step forward & backward through the machine cycle
- Split jamb capability



### 560SB SIZER BEVELER

#### FEATURES

- System integration for touchscreen control from Eagle MC
- Quick change between two undercut settings
- Raised molding capable
- Adjustable powerfeed wheels
- Vacuum ready
- Auto width index
- Electronic calibration



### 530L SINGLE STACK LOADER

#### FEATURES

- Safety cage for complete operator safety (not shown)
- Minimal air requirements for economical and quieter operation
- Built in rollers for processing raised molding pre-finished and metal doors without marking
- Electric horizontal and vertical travel for smooth and adjustment free operation
- Infeed conveyor and pallet catch allows for staging multiple pallets
- Integrated control using the Eagle MC touch-screen



### 360S MATERIAL STAGING DEVICE

#### FEATURES

- Foot pedal activation
- Rotates 360°
- Tilts from 80° vertical to 0° horizontal
- Will maneuver a 200lb. door easily and smoothly
- Rollers glide material into place
- Built for years of rugged use

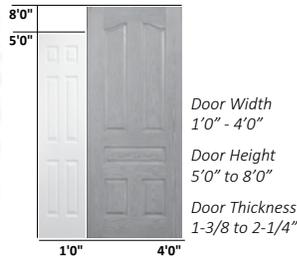
# PREHANGING SYSTEMS

4900

## 4900CNC AUTOMATIC FAST, AUTOMATED DOOR LITE CUTTING & LOCK PREP NO TEMPLATES REQUIRED DOOR LITE CUTTER

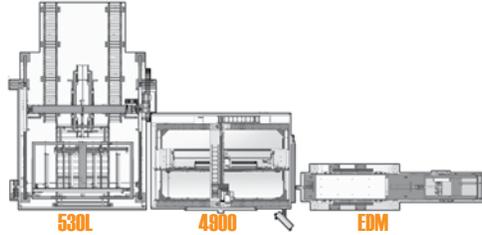


### DOOR SPECS



### FEATURES

- Norfield's "recipe" system allows easy storage of door configurations on the touchscreen.
- Performs edge prep & lite cutting simultaneously
- No templates required
- High frequency lite cutting and edge prep motors.
- Dust collection ready
- Capable of cutting wood, fiberglass and steel doors



EXTERIOR DOOR LITE CUTTER LINE  
SYSTEM COMPONENTS  
**4900CNC**  
**530 LOADER**  
**EDM or TFS**



### 530L SINGLE STACK LOADER

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### EXTERIOR DOOR ASSEMBLY MACHINE

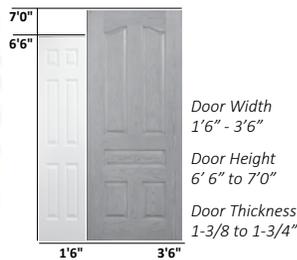
#### FEATURES

- Inserts door lites into doors
- Attaches jambs and moulding
- Used to assemble door frames
- Tool trays for supplies
- Raises and flips door
- Tilt arm raises door to vertical position for easy off loading
- Locking level for adjustable jamb support height
- Corner support for head jamb and sill plate installation

## 5000 LINE

### 5000 SYSTEM FOR HIGH-SPEED, HIGH-VOLUME PREHANGERS

### DOOR SPECS

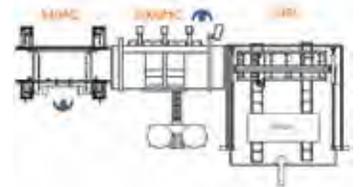


### FEATURES

- Automatic door width adjustment
- Automatic door feeding, and positioning for right or left hand doors
- Automatic pre-drill for 3-1/2" hinges
- Automatic hinge application- operator places hinges on applicators
- Automatic 2-1/8" lock bore, latch bore and faceplate routing
- Center-mounted start controls ergonomically placed for operator
- E-stop with air dump releases pinch points and clamps for safety
- Door pull boring for closet doors
- Simplified sensors ensure reliability at higher operating speeds
- Machine clamps the door up for varying door thickness
- Simplified re-positioning of door for handling changes
- 7" operator touchscreen with graphical interface for ease of use
- Upgrade options available

OPTIMUM SPEED/SHIFT: Up to 800 doors

HORIZONTAL LINE  
SYSTEM COMPONENTS  
**5000 MC**  
**530 LOADER**  
**540 ASSEMBLY CENTER**



### 540AC ASSEMBLY CENTER

#### FEATURES

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- Foot pedal operation
- Extended header clamps for secure clamping
- Auto width adjustment
- Adjustable staple patterns
- Manual sequential control allows operator to step forward & backward through the machine cycle
- Split jamb capability



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- Foot pedal activation
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- Tilts from 80° vertical to 0° horizontal
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- Rollers glide material into place
- Built for years of rugged use

Machine Parts

# AUXILIARY MACHINERY

## 1120 AUTOMATIC CASING SAW HIGH SPEED PRODUCTION OF PREHUNG DOOR CASING LEGS AND HEADS

### DOOR SPECS

- Casing Jamb and Brick Mold
- Width 1" to 4-1/2"
- Thickness 3/8" to 1-1/2"
- Undercut/sill cut angle 0° to 10°
- AVE. CYCLE TIME: 25 piece/minute

### FEATURES

- Top-down saw stroke
- Pre-set length adjustment
- Foot pedal cycle start/stop
- Powered angle adjustment
- Standard dust collection shrouding
- Easy-load hopper feed



## 1130 CNC AUTOMATIC CASING SAW HIGH SPEED PRODUCTION OF PREHUNG DOOR CASING LEGS AND HEADS

### DOOR SPECS

- Casing Jamb and Brick Mold
- Width 1" to 4-1/2"
- Thickness 3/8" to 1-1/2"
- Undercut/sill cut angle 0° to 10°
- AVE. CYCLE TIME: 25 piece/minute

### FEATURES

- Top-down saw stroke
- Automatic saw angle & length change-overs
- Foot pedal cycle start/stop
- Standard dust collection shrouding
- Easy-load hopper feed
- Saw brakes
- Flow-through design
- 10" touch screen



## 3800 DOOR LITE MACHINE THE INDUSTRY'S MOST RELIABLE DOOR LITE MACHINE

### DOOR SPECS

- Door height 6'6" to 8'0"
- Thickness/width 1-3/4" thick / 4'0" wide
- Lock bore sizes 1-1/2" to 2-1/8"
- Lock backset 2-3/8" to 2-3/4"
- Faceplate width Adjustable to 1-1/8"
- Faceplate length Adjustable to 2-1/2"

### FEATURES

- Eight location clamping system provides a firm grip on the door
- Adjustable RPM speed control accommodates both wood and metal cutting
- Industrial air filter, dryer and regulator for long life
- Three location clamping actuation
- Protective Neoprene pads that protect the material from marring
- Upgrade options available



## 4800XY DOOR LITE MACHINE ENGINEERED FOR YEARS OF USE

### DOOR SPECS

- Door height up to 8'0"
- Door width 10" to 3'6"
- Door thickness 1-3/8" to 2-1/4"
- Lock bore Sizes 1-1/2" to 2-1/8"
- Lock backset 2-3/8" to 2-3/4"
- Faceplate width Adjustable to 1-1/8"
- Faceplate length Adjustable to 2-3/4"

### FEATURES

- XY controls eliminate the need for templates when cutting square or rectangle door lites
- Template holder for round or oval door lites
- Adjustable RPM speed control accommodates both wood/fiberglass and metal cutting
- Industrial air filter, lubricator and regulator for long life
- Oscillating quill for greater bit life



## BALL CATCH MACHINE LOW COST STAND ALONE SOLUTION FOR DRILLING BALLCATCH

### DOOR SPECS

- Door width 1'0" to 4'0"
- Door height 2'0" to 9'0"
- Door thickness 1-3/8" to 1-3/4"
- Ball catch drill dia. 3/4", 7/8", 15/16", 1"

### FEATURES

- Quick change drill locator (no tools required)
- Pneumatic door clamping with foot valve
- Self centering drill guide (1-3/8" & 1-3/4")



## EXTERIOR DOOR MACHINE INSERTS DOOR LITES INTO DOORS, ATTACH JAMBS & MOULDING

### DOOR SPECS

- Door width 2'-6" to 3'0"
- Door height 6'-8" to 8'0"
- Door thickness 1-3/4"

ASSEMBLY TIME: Under 3 minutes

### FEATURES

- Inserts door lites into doors
- Attaches jambs and moulding
- Used to assemble door frames
- Tool trays for supplies
- Raises and flips door
- Tilt arm raises door to vertical position for easy off loading
- Locking level for adjustable jamb support height
- Corner support for head jamb and sill plate installation



## TIME FOLD SERIES METAL DOOR ASSEMBLY WITH LITE INSERTION IN LESS THAN THREE MINUTES

### DOOR SPECS

- Door width 2'-6" to 3'0"
- Door height 6'-8" to 7'0"
- Lock bore sizes 1-1/2" to 2-1/8"

ASSEMBLY TIME: Under 3 minutes

### FEATURES

- Work content is easily balanced among all personnel on the line
- Materials are available at each location to facilitate consistent work flow
- Tools are stored on units and are easily accessible
- Upgrade options available



# JAMB MACHINERY

## 2400ASR AUTOMATIC DOUBLE-PREP STRIKE JAMB ROUTER HIGH OUTPUT OF INTERIOR & EXTERIOR STRIKE JAMBS

### JAMB SPECS

Material	Max
• Width	2-1/2" to 10-1/2"
• Length	70" to 96"
• Thickness	3/8" to 1-1/2"

Strike plate size 1/2" to 8"

MAX. CAPACITY: 4-5 single prep jambs/minute

### FEATURES

- Jamb types: flat (with or without stop applied); single or double rabbeted; split
- Strike plate type: No lip, full lip and T-strike
- Double full lip for ball catch heads



## 260MX STRIKE JAMB ROUTER FAST, VERSATILE AND 9-FOOT JAMB-READY

### DOOR SPECS

Material	Max
• Width	no limit
• Length	up to 9' 0"
• Thickness	to 2"

MAX. CAPACITY: 3-4 pieces/minute

### FEATURES

- Laser alignment system included with machine
- Dual thumb switch controls for safety
- No tool change over for different jamb lengths
- Quick change for different plate thicknesses
- One full lip + deadbolt template included with machine
- All existing 250M templates can be used on the 260MX



## 350H HINGE JAMB ROUTING STATION PROCESS DOOR AND JAMB FOR HINGES IN ONE PASS

### DOOR SPECS

• Door width	1'0" to 3'6"
• Door height	to 8'0"
• Door thickness	1-3/8" to 1-3/4"
• Hinge size	3-1/2" to 5"
• Jamb width	2-1/2" to 10-1/2"
• Jamb length	to 8,0"
• Jamb thickness	3/8" to 1-1/2"

AVG. CYCLE TIME: 30 seconds

### FEATURES

- Pneumatic jamb adjustment to ensure a perfect fit
- Single point dust collection plumbing
- Self-centering butt router for easy hinge mortising
- Cycle time varies with material type- typical cycle time is 30 seconds
- Magnum-style hinge jamb routing
- Index bar with integrated stop system for different hinge patterns
- Quick-change setup for different hinge sizes



## 450 FLOW-THROUGH STITCHER VERSATILE AND 9-FOOT JAMB-READY

### DOOR SPECS

• Jamb width	3-1/2" to 8"
• Jamb thickness	7/16" to 7/8"
• Stop width	1" to 2"
• Stop thickness	1/4" to 5/8"
• Reveal	1-7/16" to 1-13/16"
• Staple spacing	2" from top and 3" from bottom of stop with 10-1/4" between staples or finish nails in standard mode.

AVG. CAPACITY: 12 cycles/minute

### FEATURES

- Foot pedal activation
- Mounts for standard capacity guns
- Non-marking rubber wheels
- Adjustable mode allows for custom staple spacing
- Upgrade options available



## 440S MANUAL STOP STITCHER

### DOOR SPECS

• Jamb length	up to 100"
• Jamb width	3-1/2" to 10"
• Jamb thickness	3/8" to 3/4"
• Stop width	1" to 2"
• Stop thickness	1/4" to 3/8"
• Reveal	1-7/16" to 1-13/16"

AVG. CAPACITY: 5 units/minute

### FEATURES

- Foot pedal activated clamps to hold material in place
- Adjustable gun mount for left or right-handed operator
- Easily adjustable reference stops.
- Includes BT1855 Stanley bosch gun



## 1700HJR HINGE JAMB ROUTER CAPABLE OF MACHINING UP TO 8 JAMBS PER MINUTE

### DOOR SPECS

• Hinge specs	3" to 4-1/2"
• Jamb length	70" to 96"
• Jamb width	2-1/2" to 10-1/2"
• Jamb thickness	1/2" to 1-5/8"

AVG. CAPACITY: 8 jambs/minute

### FEATURES

- Quick change hinge locations
- Accommodates a variety of jamb widths and lengths
- Foot pedal operation for ease of use
- Dust collection ready for operator safety
- Mortise hinges from 3" to 4-1/2"



## 2300 AUTOMATIC STRIKE ROUTER WILL MEET THE NEEDS OF THE HIGHEST VOLUME DOOR SHOP

### DOOR SPECS

• Strike plate type	Full lip only
• Strike plate sizes	2-1/4" to 3"
• Jamb length	70" to 96"
• Jamb width	2-1/2" to 10-1/2"
• Jamb thickness	3/8" to 1-1/2"

AVG. CAPACITY: 5 cycles/minute

### FEATURES

- Infinitely adjustable jamb stops
- Accommodates a variety of jamb widths and lengths
- Foot pedal operation for ease of use
- Dust collection ready for operator safety
- Adjustable strike plate sizes from 2-1/4" to 3"
- Automation allows the operator to multi-task



# MAGNUM REPLACEMENT PARTS

## Magnum System

95 Magnum and Signature Series Magnum parts



To view more parts, manuals and service kits visit our machine support section at [norfield.com/machine-support](http://norfield.com/machine-support)



### BITS

#### Hinge mortising bits

160-101 5/8" radius hinge bit, 5/16-24	160-120 5/8" radius hinge bit, 1/4-28 thread	165-050 One piece 1/4" radius hinge bit	165-001 Hinge bit 1/4" dia. 1/4-28 thread

#### Insert hinge mortising bit parts

13-734 5/8" radius insert hinge bit	150-102 Insert knife for 5/8" insert bit

#### 1" insert bit parts

13-735 Arbor for hinge rtr & FPR 1/4-28 thd	NOR667 Set screw	13-1251 1" insert boring bit	13-1255 Insert knife 1"	13-311 Latch bit 1" threaded shank	TNS784 Latch bit, 7/8" threaded shank

#### 2-1/8" insert lock drill bit parts

13-612 Lock drill bit 2-1/8	200-101 Insert knife, lock drill	13-620 Insert scoring spurs	13-686 Center drill	NOR161 Set screw, 2-1/8 bit, center drill	NOR164 Set screw, 2-1/8 bit raker knives

#### Cutterhead parts

#### 0° Bevel Cutterhead

NOR168 Set screw, 2-1/8 bit scoring spur	NOR162624 Carbide center point	13-465 2-1/2" Cutterhead	13-924 2" 0° Bevel Cutterhead	13-913 2-1/2" 0° Bevel Cutterhead	6803-030 Cutterhead gibb insert

13-429 50mm cutterhead blades 10/box	FST51 50mm ticoated insert blades 10/box	6803-027 Cutterhead set screw 5/16-24 x 1/2"	12-544 Cutterhead v-belt	APE490 Bit tip holder	VIC9 Self centering bit

# MAGNUM REPLACEMENT PARTS

					
13-044 Phillip bit tip #2	0001-004 Spool bushing 1/2"	0001-726 Cutterhead mandrel	0003-002 Flat jamb locator, angle bracket	0005-002 Stop tab	0006-004 Spool bushing 5/8"
					
0007-101 Butt Router stop turret	0039-005 Safety shield	0037-002 Short roller axle	0040-008 Round Spacer	0058-005 Delrin flange	10-410 Tool balancer with hanger 5 lbs
					
10-1288 Reed Switch	10-1289 6' Steel cable balancer	12-001 V-belt, sander	12-038 Torque tamer	12-082 Rod end 5/16"	12-096 3/4" pillow block bearing, sander
					
12-402 Torque tamer bushing	6909-715 Tram rail roller	13-1178 10" powerfeed wheel	13-584 Clamp	13-597 Knob, double bevel latch	15-133 Right angle speed reducer
					
15-134 Primary gear box	6035-004 Vacuum shroud 5/8	6035-005 Vacuum shroud 1/4	6053-100 Slide side casting	6800-010 Backup block up to SN DJ272595	6800-036 Backup block
					
6800-014 Vinyl clamp pad	6800-039 Clamp shoe pad	6800-764 5/8R only Quick change flat jamb att. 3-1/2 & 4"	6800-765 5/8R & 1/4"R. Quick change flat jamb att. 4-1/2" & 5"	6801-006 Index cone	6801-022 Steel index cone

# MAGNUM REPLACEMENT PARTS



6802-029  
Faceplate router knob



6805-002  
Jamb riser



6805-025  
Jamb clamp pad



6805-034  
Modified shoulder bolt



6805-050  
Adjuster, jamb lifter



6805-108  
Jamb clamp arm



6805-116  
Jamb lifter, with tab



6809-023  
Chip breaker



6809-027  
Ferrule, 2"



6809-049  
Tram roller



6809-051  
Spring steel wearstrip



6809-052  
Clamp pad



6809-055  
Lock pin pivot



6809-062  
Cylinder mount



6802-040  
Faceplate router modified router casting



6809-075  
Butt Router casting



6809-103  
Stop catch



6809-106  
Pivot bearing assembly



6809-108  
Pivot bar



8030-001  
Modified keyed gear



9011-038  
Round spacer



0057-011  
Infeed white wear strip, 2"x72"



13-220  
6x1x1 sanding wheel (requires 2)



13-223  
Reducer bushing for sanding wheel



0037-004  
2" nylon door roller



0037-009  
2-1/2" nylon door roller



0170-101  
2-1/2" steel door roller



13-030  
Template guide, face plate router



13-029  
Lock nut for template guide



SAC1357  
3M Super adhesive glue

## ELECTRICAL



TNS2020  
Bushing kit, butt router



10-386  
Pressure switch



11-300  
Relay



11-691  
Photo eye



11-692  
Photo eye

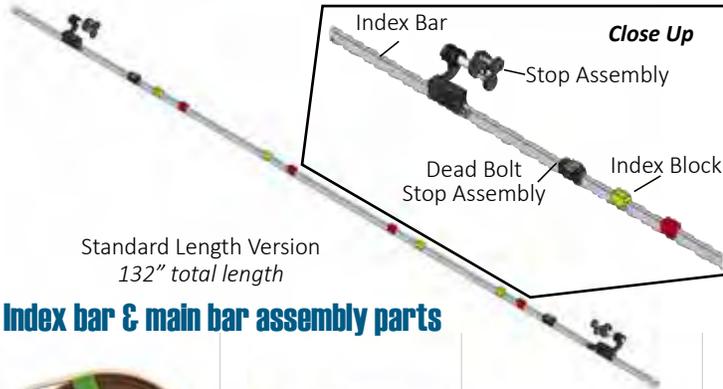


11-856  
Momentary push button face plate router

# MAGNUM REPLACEMENT PARTS

					
11-992 10AMP contactor	11-1448 Mini fuse 250MA	11-1558 E-stop mushroom	11-1560 Contact block N.C	11-1566 Contact block N.O	11-1567 Plastic latch mount
					
11-1694 Spring return switch	11-1699 Start stop button <i>only on Sig Mag</i>	11-1813 Relay overload	15-146 Sander Motor 1HP 1800RPM	15-360 Powerfeed motor	6801-021 Lock Drill Motor
					
WWG6351 12RPM gear motor	15-104 27RPM gear motor <b>PNEUMATIC</b>	26-6810-01 AC tech width index drive-programmed	DEW616M Dewalt replacement motor	13-1022 Cordset for dewalt 616	BLA398139 sold as each. brushes for DEW616 router
					
BLA40081 Pair brushes for DW610 or B&D 2720 router	10-1015 SMC Cylinder	10-1106 10-1105 for Regulator element	10-544 Coalescing air filter 3/8" <i>Only on 95 Mag</i>	10-557 Air filter element <i>Only on 95 Mag</i>	10-219 Push button valve router pivot for sig mag
					
10-262 Air valve, router clamp	10-681 Air valve, jamb lift for eseries mag	10-562 Air flow control 1/4T" x 1/8" P	10-582 Air cylinder, B.R. pivot lock. Elbow 21-170	10-620 Cylinder	10-703 3/8" flex air hose assembly
					
11-858 2 keys for E-stop	10-1417 Inline adjustable screwdriver	15-176 Sander Motor	13-1192 Key lube grease	13-290 Oil, 1 gallon	USP36049 Vacuum hose 2", sold by the foot

# MAGNUM REPLACEMENT PARTS



## INDEX BAR KIT FOR 95 SERIES MAGNUMS & SIGNATURE SERIES MAGNUMS

Includes: single piece with 8 index blocks, 2 stop assemblies, and 2 deadbolt stop assemblies.

**MFG68714**

Shipping: 30 lbs. Ships by truck

### INDIVIDUAL INDEX BAR:

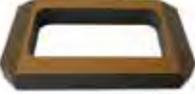
**STANDARD INDEX BAR  
6805-016**

**8'0" INDEX BAR  
6805-032**

### Index bar & main bar assembly parts

 0191-003 Main bar wear strip 3/4" x 15.5"	 10-406 Air cylinder, jamb lift clamp	 10-678 Pneumatic cylinder	 12-386 Cam Follower	 13-583 Clamp, index bar lock pin 6805-051	 6805-051 Lock pin, index bar
 6800-707 Left hand stop assembly	 6800-710 Right hand stop assembly	 6805-010 Jamb Link	 6805-011 Jamb lift link bar	 6805-019 Red index block	 6805-020 Yellow index block
 6805-033 Jamb Stop Button	 6805-044 Lift lock mount	 6805-086 Clamp button, jamb riser clamp	 6800-714 Dead bolt stop assembly	 9511-225 Redithread 3/8" x 2-1/4"	

### TEMPLATES

 9111-001 Faceplate tmpl 1" x 2-1/2"	 9112-001 Latch template 1" x 2-1/4"	 9112-S Faceplate tmpl steel 1" x 2-1/4"	 9113-001 Faceplate tmpl 1-1/8" x 2-1/4"	 9117-001 Faceplate tmpl 1-1/4" x 2-1/2"	 9118-001 Faceplate tmpl 1-1/8" x 2-3/4"
 9119-001 Faceplate tmpl 1-1/16" x 2-1/4"	 9126-001 Faceplate tmpl 1" x 2-1/8"	 13-030 3/4" OD Guide	 13-029 Nut		

# MAGNUM REPLACEMENT PARTS

## Magnum bit kit



Part	Description	Quantity
165-001	1/2" dia., 1/4-28 thread hinge bit	1 each
13-429	50 x 12 x 1.5mm carbide knife	box /10
13-1255	1" Carbide insert knife	1 each
200-101	Raker knife	box /10
NOR162624	Center drill	1 each
150-102	Replacement knife	box /10
13-620	Spur Knives	box /10

**NORMAGBIT**



### BUTT ROUTER BUSHINGS

For accurate and smooth sliding butt routers. Replace your worn butt router bushings with a complete set.

**NOTE:** Must be *line-reamed* for satisfactory operation. The use of residue machine cleaner is *not* recommended.

**TNS2020** SET OF 7  
Shipping: 1 lb.



*For use with butt router bushings (above).*

### QUICK-SET REAMERS & PILOTS

**TNS12** 1/2" Reamer & Pilot

**5/8" REAMER & PILOT**

**TNS58** 5/8" Reamer & Pilot



## Signature Series Magnum Fitting and Hardware Kit

If you have a Signature Series Magnum you should have this kit.

This kit contains a collection of air fittings and hardware items that were specifically selected to keep your Magnum up and running. This is a collection of those items that can easily be lost or broken during routine maintenance. With this kit you can be back in production in no time.

**26-9004-00**



### DOUBLE BEVEL BUTT ROUTER KIT

Factory machined pieces adapt your butt router to properly hinge mortise doors with double bevels. Six wedges included.

**MFG3000**

**0001-741** Wedges

For DJ-1999 and below

### SCREWDRIVER KIT

Includes:

- In-Line Air Screwdriver (10-1417)
- VEG17 Bit Tips (2)
- VEG2 Bit Holder
- 10-703 3/8" Coil Air Hose Assembly
- 10-410 Tool balancer with hanger

**TNS22305**



### PRE-DRILL KIT

Includes:

- In-Line Air Drill
- 10-410 Tool balancer with hanger
- 10-703 3/8" Coil Air Hose Assembly
- VIC9 Vix Bit

**TNS21630**



# MAGNUM SERVICE KITS

## Magnum Service Kits

### Most Popular Upgrade Kits



#### BUTT ROUTER CARRIAGE

Add an additional butt router to your machine to reduce change-over cost and time. Price includes butt router, router motor & extended tram rail. Changing from 1/4" radius to 5/8" radius hinge can be done immediately with no change-over. For your Pro, Magnum or Magnum II machine.

MFG723

#### 2ND BUTT ROUTER WITH TRAM RAIL EXTENSIONS KITS

- 26-6805-00 SIG MAGNUM
- 26-6803-00 95' MAGNUM
- 6904-715 E SERIES MAGNUM

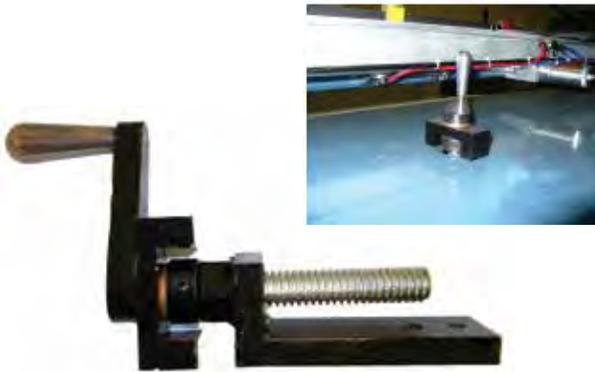


26-6811-00

#### DeWalt 616 Router Upgrade

The early Magnum machines used a Black & Decker or DeWalt motor that is no longer available. The motor that is currently available from DeWalt has a different depth adjustment and will not work properly in these machines as built. This kit converts the early Magnum butt router assemblies to use the DeWalt DW616 router motor. *Router Included*

- 26-0036-02 Magnum Rev 0-6, serial number up to DJ1699M
- 26-0036-03 Magnum Rev 7, serial number DJ1700M and DJ1999M
- 26-6811-07 Magnum 95/Signature Series DJ-2001-95 thru DJ-2516-95



26-6814-00

#### Magnum Backset Crank Upgrade Kit

DJ-2001-95 through DJ-2853-95

The Backset adjuster on this series Magnum was designed to be used "Occasionally". I.E. Once or twice a month. When the backset crank is used "Occasionally" it will last a very long time. Some customers need to adjust the backset several times a day. When it is used this often the threads on the backset crank will wear out prematurely.

This kit upgrades the backset crank assembly so that it will handle the rigors of daily adjustment.

26-6810-00

#### Magnum Latch Drill Cylinder Upgrade Kit

For Magnums DJ-2201-95 through DJ-2540-95



This kit addresses reliability issues with the latch drill cylinders installed on this series Magnum. Although the cylinder meets the functional requirements, the drill feed speed adjustment can be difficult. The new cylinder, included in this kit, improves the feed speed adjustment and ensures consistent operation.

#### Magnum Scaled Index Bar

For Magnums DJ-2001-95 and above, can be used on 95, Sig and E-mags

The scaled index bar allows for direct reading of the lock height and hinge locations by utilizing three scales. One scale for the lock location and two scales for the hinge locations. There is no longer any need to layout the door. The operator only needs to know the distance from the top of the door to the center of the lock bore and the distance from the top of the door to the top of each hinge location.

The scaled index bar fits in the same location as the standard quick change index bar. This bar can be installed and removed as easily as any other index bar.

- 26-6808-00 With 9-0 extensions, T-bar extensions
- 26-6804-00 Without 9-0 extensions

Need just a scaled bar? buy **6900-717**.

# MAGNUM SERVICE KITS



## 26-0008-01 Magnum Modular 3/8 FRL Kit

This is a great upgrade for the old FRL (on the Rev0-6 Mag.) to a newer FRL with the lockout and 2nd filter assembly used on the Rev. 7 and 95-Series. The Sig Mag comes with a different FRL unit from SMC, the

other Magnums come with a Wilkerson, which is a bigger unit. So if you purchase this kit for the Sig Mag you will be purchasing something unfamiliar looking and the way the SMC FRL unit is set up differs. But it does not have to be modified to be put onto the Sig Mag.



## 26-6833-00 Signature Series Magnum DC Speed Controller Upgrade

For Magnums DJ-2674-95 thru DJ-2920-95

The DC speed controller for the power feed wheels, on the early Signature Series Magnums, has been discontinued by the manufacturer.

In an effort to keep your Magnum up and running we have developed this kit. The kit contains a new speed controller, instructions, and any other small parts you need to complete this upgrade. The difficulty level is low and this kit can be easily installed by most technicians.



## 26-6833-01 Signature Series Magnum DC Speed Controller Upgrade

For Magnums DJ-2001-95 thru DJ-2673-95

The DC speed controller for the power feed wheels, on the 95 and early Signature Series Magnums, has been discontinued by the manufacturer.

In an effort to keep your Magnum up and running we have developed this kit. The kit contains a new speed controller, instructions, and any other small parts you need to complete this upgrade. The difficulty level is low and this kit can be easily installed by most technicians.



## 26-0033-00 Magnum Elevator Motor Upgrade kit

The 5K939D motor was redesigned by the manufacturer making the gear box not as strong with gears that could slip on the shafts making it a safety hazard. This kit has the 6K352 motor which was made to replace it. The 6K352

motor is longer and has some modifications that need to be made on the machine before mounting.

Kit includes: 6K352 Motor, new chain, clutch assembly, and full instructions

## Most Popular Safety Kits



## 26-6802-00 95 Magnum Cutter Head Guard

For Magnums DJ-2001  
through DJ-2139

The guarding on this series Magnum left the top of the cutter head exposed. This

made it possible to drop things into the rotating cutter head. This kit provides a hinged guard above the cutter head that drastically reduces the risk of objects falling into it.

This guard is standard on DJ-2140 and above.



## 26-6816-00 95/Sig Magnum Keyed E-stop Replacement Kit

For Magnums DJ-2001 through DJ-2673

The machines in the affected serial number range used a keyed e-stop switch. The e-stop would be locked during the bit

change operation. These switches were either the S&S or the AB E-series. Both of these have been discontinued by the manufacture. With serial number DJ-2674 the Magnum began using the AB F-series switches and a non keyed e-stop switch was used. These later machines have a key in the bit change switch. This kit replaces the e-stop switch, on the earlier machines, with the AB F-series keyed switch. This retains the ability to lockout the machine during the bit change operation.

# EAGLE REPLACEMENT PARTS

## EAGLE SYSTEM

FLEXIBLE AND FAST  
UP TO 400 DOORS PER SHIFT

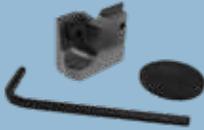


### CUTTING TOOLS



165-001  
Hinge bit 1/4" dia.  
1/4-28 thread

#### Insert hinge mortising bit parts



13-734  
5/8" radius insert  
hinge bit



150-102  
Carbide knife



SAF501  
Shank w/bearing  
2-7/8" OAL

#### 1" insert bit parts



13-1251  
1" insert boring bit



13-1255  
Insert knife 1"

#### 2-1/8" insert lock drill bit parts



FOR53104  
1" threaded carbide  
tipped twist bit



FOR62186  
Brad point bit 7/8"



13-612  
Lock drill bit 2-1/8"



200-101  
Insert knife, lock drill



13-620  
Insert scoring spurs



13-686  
Center drill



NOR164  
Set screw, 2-1/8 bit  
raker knives



NOR161  
Set screw, 2-1/8 bit,  
center drill



NOR168  
Set screw, 2-1/8 bit  
scoring spurs



13-957  
Bit tip 6", screwdriver



13-342  
Twist drill bit 9/64"  
predrill

### MECHANICAL



0066-004  
3 phase lock drill  
chuck



12-018  
Radial bearing,  
predrill



12-039  
Torque tamer 35 x 1



12-082  
5/16" rod end, plunge  
cylinder rod end



12-151  
Cam Follower



12-332  
Coupling with keyway

Machine Parts



12-426  
1/8 Bushing



12-768  
Door feed belt



12-799  
Butt router side shift  
V-roller



13-1171  
4in pre-drill cord  
large



13-1172  
4in pre-drill cord  
medium



13-1173  
4in pre-drill cord  
Small

# EAGLE REPLACEMENT PARTS



13-1118  
Screw feeder hose  
for travel of screws



12-262  
Green belt, 3-1/2"  
predrill belt (*smaller one*)



12-263  
Green belt, 3-1/2"  
predrill belt (*larger one*)



2003-003  
Butt stop



2011-006  
Predrill Pulley



2024-002  
Butt holder tie plate



Lane spring #111,  
butt holder spring



22-059  
Lane spring #7540  
Hinge app. spring



5585-005  
Bit holder, for auto  
screw feeder only



5585-011  
Bit holder nut, for auto  
screw feeder only  
**ELECTRICAL**



6809-027  
Ball catch vacuum



8802-023  
Chip breaker, butt  
router



8802-058  
Door edge reference  
block



8804-021  
Lower clamp pad



8804-022  
Clamp pad, upper



6801-021  
2HP Lock drill motor



8803-078  
Porter Cable 220v  
router



11-1546  
Home sensor



11-1560  
Contact block N.C.



11-1566  
Contact block N.O.



11-1567  
Plastic latch mount



11-1570  
Foot pedal switch



11-1659  
Photoswitch



11-991  
contactor



10-038  
Air valve



10-1198  
1/2" filter



10-1199  
Coalescing filter  
element



10-1209  
3/4" filter element



10-562  
Flow control 1/4" T x  
1/8" P



10-661  
Elbow flow control  
1/4T x 1/4P



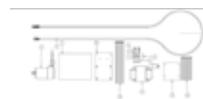
10-669  
Flow control 5/32T  
x 1/8P



10-689  
Flow control 5/32 T  
x 10-32



10-970  
Cylinder



26-9007-00  
220-110 Router  
conversion kit



26-8800-05  
110V Router  
conversion upgrade

# 5000 REPLACEMENT PARTS

## 5000MC

THE FASTEST  
PREHANGING MACHINE  
IN THE WORLD



### CUTTING TOOLS

Hinge mortising bits

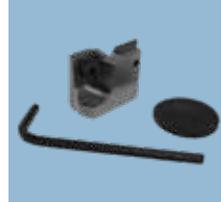


160-120  
Hinge bit 1-1/4" dia  
1/4-28 thread



165-001  
Spin on 1/4" R. hinge  
bit, 1/4-28 thread

### Insert hinge mortising bit parts



13-734  
5/8" radius insert  
hinge bit



150-102  
Carbide knife



13-1029  
Shank 1/2" D x  
1-1/2" OA



13-1251  
1" insert boring bit



13-1255  
Insert knife 1"



13-612  
Lock drill bit 2-1/8

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### 2-1/8" insert lock drill bit parts



200-101  
Insert knife, lock drill



13-620  
Insert scoring spurs



13-686  
Center drill



NOR164  
Set screw, 2-1/8 bit  
raker knives



NOR161  
Set screw, 2-1/8 bit,  
center drill



NOR168  
Set screw, 2-1/8 bit  
scoring spurs

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					<p><b>6951-706 Hinge Butt Holder Upgrade</b></p> <p>Works on all 5000s with or without auto screw feeder</p>
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Machine Parts

# 5000 REPLACEMENT PARTS

					
2011-006 Driven pulley, predrill	2024-003 Guide Pin 5/16" D, 2-1/16" OAL	21-084 Brass nut, screw- driver	12-091 Oring	5053-005 Door clamp rubber pad. 1 EACH.	5050-002 Upper clamp pad (up to MC-5126)
					
5050-003 Clamp pad lower	8804-021 Lower clamp pad	8804-022 Clamp pad (MC-5127 & above)	5585-011 Bit holder nut, screw- driver <b>ELECTRICAL</b>	5523-004 Wearstrip, 53.5"	5545-001 Chip breaker
					
5585-005 Bit holder, screw driver	6805-033 Button jamb stop	9025-101 Jamb stop with rod	10-386 Pressure switch	11-111 Electrical receptical 110v	11-1560 Contact block N.C
					
11-1566 Contact block N.O	11-1567 Plastic latch mount	11-300 Relay	11-354 Relay	11-441 Limit switch	11-451 12v gun fire sensor
					
11-355 110 V gun fire sensor	11-458 Generator RPG <b>PNEUMATIC</b>	11-667 Photo eye	6801-021 2HP Lock drill motor	DEW616M Dewalt replacement motor	13-1022 Cordset for Dewalt 616
					
BLA398139 Router brush all dew616 routers EACH	10-058 Cylinder jamb crowd	10-137 Cylinder butt router shift stop (large)	10-147 Cylinder drill section crowd	10-397 Air cylinder, butt router shift stop	10-398 Air cylinder, FPR shift

# 5000 REPLACEMENT PARTS



10-401  
Cylinder, latch drill  
plunge



10-418  
Cylinder, door  
positioner outfeed



10-429  
Air cylinder, butt  
router lift



10-430  
Cylinder, pre-drill  
plunge



10-433  
Cylinder, chip break-  
er plunge



10-470  
Cylinder, left/right  
shift



10-486  
Cylinder, lock drill  
plunge



10-422  
Cylinder, butt router  
vert. shift & door stop



10-425  
Cylinder, FPR lift



10-471  
Air cylinder, butt  
router plunger



10-431  
Air cylinder, door  
upclasp



10-426  
Cylinder, drill section  
door clamp



10-003  
Oil reservoir



10-038  
Air valve



10-070  
Screwdriver motor  
start valve



10-221  
Vavle, center router  
shut off



10-318  
Valve, screwdriver  
plunger



10-315  
Button, jamb clamp  
& unclamp



10-414  
Switch adapter



10-562  
Flow control, 1/4 T  
x 1/8 P



10-604  
1/4" air flow control  
3/8 T x 1/4p



10-661  
Elbow flow control  
1/4T x 1/4P



10-689  
Flow control, 5/32T  
x 10-32



AIR1163  
Repair kit spool kit



AIR24555  
Rebuild Kit



10-168  
Aro 7000 repair kit



AIRDP2-01-000  
Differential pressure



13-1118  
Tubing



5584-700  
Butt router brush set



5584-009  
Brush

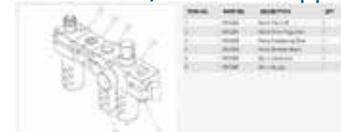


5584-008  
Brush



5584-011  
Brush holder

To view more parts, manuals and service kits  
visit our machine support section at  
[norfield.com/machine-support](http://norfield.com/machine-support)



# 4000 REPLACEMENT PARTS

## 4000 System

150 - 360 DOORS/SHIFT  
COST EFFECTIVE AND  
RELIABLE HORIZONTAL  
MACHINE



To view more parts, manuals and service kits  
visit our machine support section at  
[norfield.com/machine-support](http://norfield.com/machine-support)



### BITS

#### Hinge mortising bits

				<b>Insert hinge mortising bit parts</b>	
160-101 5/8" radius hinge bit, 5/16-24	160-120 5/8" radius hinge bit, 1/4-28 thread	165-050 One piece 1/4" radius hinge bit	165-001 Hinge bit 1/4" dia. 1/4-28 thread		
<b>1" insert bit parts</b>				<b>2-1/8" insert lock drill bit</b>	

13-735 Arbor for hinge rtr 1/4-28 thd	NOR667 Set screw	13-1251 1" insert boring bit	13-1255 Insert knife 1"	13-311 Latch bit 1" threaded shank	13-612 Lock drill bit 2-1/8 shank

#### 2-1/8" insert lock drill bit parts

200-101 Insert knife, lock drill	13-620 Insert scoring spurs	13-686 Center drill	NOR161 Set screw, 2-1/8 bit, center drill	NOR164 Set screw, 2-1/8 bit raker knives	

### MECHANICAL

0032-003 Door stop	12-082 Rod end 5/16"	13-1178 Powerfeed wheel	22-045 Spring .37375 x 5" 41ppi	5050-002 Clamp pad	5053-005 Door clamp rubber pads

### ELECTRICAL

5053-007 Stop clamp cylinder rod end	5545-001 Chip breaker	5938-004 84" wear strip	11-047 Contact block N.O	11-048 Contact block	11-049 Operator switch green

# 4000 REPLACEMENT PARTS



11-052  
Selector Switch



11-053  
Emergency stop  
button



11-111  
Electrical receptical  
**PNEUMATIC**



11-1961  
Power supply 12VDC



11-305  
Relay



DEW616M  
Dewalt replacement  
motor



13-1022  
Cord set for dew616  
router



BLA398139  
Router brush all  
dew616 routers EACH



10-058  
Cylinder jamb crowd



10-135  
Cylinder, outfeed  
doorstop



10-137  
Cylinder, butt router  
shift stop (large)



10-397  
Air cylinder, butt  
router shift stop



10-398  
Air cylinder, FPR shift



10-401  
Cylinder, latch drill  
plunge



10-429  
Air cylinder, butt  
router lift



10-433  
Cylinder, chip break-  
er plunge



10-470  
Cylinder, left/right  
shift



10-422  
Cylinder, butt router  
vert. shift



10-425  
Air cylinder, FPR lift



10-431  
Air cylinder, door  
upclamp



10-471  
Air cylinder, butt  
router plunge



10-003  
Oil reservoir



10-071  
Sensor valve



10-221  
Air valve, center  
router shut off



10-318  
Air valve, jamb clamp



10-386  
Pressure switch



10-517  
Bracket joining sleeve  
for filter regulator unit



10-523  
Particulate filter



10-535  
Air Valve, eject pedal



10-562  
Air flow control,  
1/4tube, 1/8pipe



10-661  
Flow control,  
1/4tube, 1/4pipe



AIRDP2-01-000  
Differential pressure

## SERVICE UPGRADE KIT



### 26-5009-00: 4000/5000 Dewalt 616 Butt Router Upgrade:

For 4000 machining centers up to MC-4102 and all 5000 machining centers up to MC-5111. Machines with higher serial numbers were built with the 616 routers

The early 4000 and 5000 machines used a Black & Decker or Dewalt motor that is no longer available. The motor that is currently available from Dewalt has a different depth adjustment and will not work properly in these machines as built. This kit converts the early 4000 and 5000 machines to use the Dewalt DW616 router motor. Router included.

# 4900 REPLACEMENT PARTS

## 4900cnc

AUTOMATIC DOOR LITE CUTTER  
NO TEMPLATES REQUIRED



### BITS



305-050TIN  
Titanium doorlite bit



305-002  
Ti-alum nitraide  
coating door lite bit



13-1904  
Router bit



20-142  
Spare tool holder kit



10-038  
Air valve



10-1324  
Sensor switch



10-1501  
Cylinder



11-1547  
Cable



11-1558  
E-stop mushroom



11-1560  
Contact block N.C



11-1561  
Push button



11-1565  
Selector switch



11-1566  
Contact block N.O



11-1567  
Plastic latch mount



11-1568  
Green LED module



11-1973  
Limit switch



11-1978  
Sensor



11-2040  
Temperature sensor



11-2120  
Servo cable



12-543  
Bearing



12-896  
Transfer belt



12-904  
Timing belt



12-1063  
Dust cover



12-1065  
Round belt



15-368  
Motor



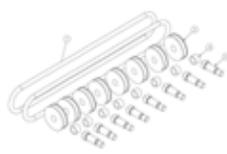
15-372  
Servo motor



8803-011  
Jamb down clamp  
pad



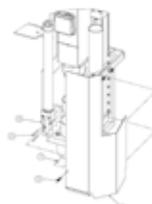
USP36050  
2-1/2" Vacuum  
hose



26-4900-00  
Round belt kit



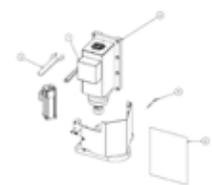
26-4900-02  
Edge prep upgrade



26-4901-01  
Cutter Guard Retrofit kit



26-8828-00  
X-Axis drive unit  
anti backlash belt



26-4900-01  
Spindle motor  
upgrade

# 4800XY REPLACEMENT PARTS

## 4800XY

DOOR LITE MACHINE

ENGINEERED FOR YEARS OF USE

AUTOMATED EDGE PREPARATION



### BITS

					
305-001TIN Doorlite bit with flat	165-001 Spin on 1/4" R. hinge bit, 1/4-28 thread	13-1029 Shank 1/2" D x 1-1/2" OA	13-311 Latch bit 1" threaded shank	10-038 Air valve	10-1355 Cylinder
					
10-1408 Cylinder	10-404 Cylinder, template guide plunge	10-506 Air cylinder, quill plunge	11-1547 Cable	12-244 Cutterhead v-belt	12-283 Black handle grip
					
13-1022 Cord set for dew616 router	DEW616M Dewalt replacement motor	13-1165 White rubber wheel	3823-002 Mandrel	4852-100 Quill Assembly	8826-032 Template
					
8826-074 Template guide	8826-075 Template lock	11-1560 Contact block N.C	11-1564 Selector switch	11-1566 Contact block N.O	11-1567 Plastic latch mount
					
11-1558 E-stop mushroom	11-1575 Selector Switch	11-1699 Start stop button			

# 3800 REPLACEMENT PARTS

## 3800

DOOR LITE MACHINE  
ENGINEERED FOR YEARS OF USE  
TEMPLATE-DRIVEN DESIGN



### 1" insert bit parts



205-001  
1" insert boring bit  
with flat



13-1255  
Insert knife 1"

### BITS

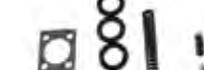
### MECHANICAL

					
ONS15571	8205-001 Faceplate router bit, 3-1/2"	13-315 Latch bit 1" with flat on shank	12-082 Rod end, template clamp	12-233 Bearing	12-244 Cutterhead v-belt
					
12-250 Oil seal, quill	12-391 Washer, quill lock	12-393 Washer drive sleeve lock	3823-001 Quill mandrel shaft	3831-003 Key, quill	3845-003 Clamp pad, door
					
3896-007 Retainer screw, lock templates	3897-100 Retainer pin	3897-002 Template 1-1/2, 1-5/8, 1-7/8, 2-1/8	3897-009 Template 2 x 2-1/8	4818-006 Template guide	4806-007 Backup block 5-1/2"
					
4816-007 Switch insert (w/11- 1796 & 11-1797)	4825-005 Socket head set screw 1/2" to hold door lite bit	4837-007 Bit holder for quill shaft	11-1560 Contact block N.C	11-1566 Contact block N.O	11-1567 Plastic latch mount
					
11-1796 Switch quill plunger left hand	11-1797 Switch motor start right hand	11-992 Contactor	10-262 Air valve, template guide plunger	10-300 Cylinder, latch drill plunger	10-406 Cylinder, overhead template clamp

### ELECTRICAL

### PNEUMATIC

# 3800 REPLACEMENT PARTS

					
10-498 Cylinder, FPR vert.	10-506 Air cylinder, quill plunge	10-404 Cylinder, template guide plunge	10-354 Air cylinder, door clamp	10-620 Cylinder, overhead template crowd	10-517 Bracket joining sleeve for FPR unit
					
10-661 Elbow flow control, 1/4 T 1/4 P	10-669 Flow control, 5/32 T x 1/8 P	10-017 Air flow control, 1/8 pipe	13-1192 Key lube grease, valve repair	10-168 Rebuild kit, valve	AIRDP2-01-000 Differential pressure

## 26-3810-00 Oscillating bit kit

For serial # DL- 3855 and above



### Includes:

- 1 - Oscillator Assembly with cable
- 1 - Depth control bracket assembly
- 2 - 10/24 x 1/2" SHCS
- 1 - Blue wire nut
- 1 - Strain relief
- 2 - 1/2" electrical lock nuts
- 2 - 1/8" NPT pipe plugs
- 20 - Large plastic ty-wraps
- 1 - 5/32" t-handle hex key wrench
- 1 - Small hex key set
- 2 - 13mm open end wrenches
- 1 - .020 feeler gauge

## 26-3812-00 Auto FPR conversion on the 3800LR

For serial # DL- 4398LR and below



### Includes:

- 4887-017 LR Control panel
- 11-1561 Push button green
- 11-1566 Contact block NO
- 11-1836 LED Module 120v
- 11-1567 Latch mount
- 10-738 Valve
- PROG-0005 Programmed 1761-L16AWA
- 11-1904 Fuse kit
- 11-1906 2 amp fuse
- 11-1907 2 amp fuse
- 11-1908 2 amp fuse
- 11-1560 contact block
- 11-1699 Start/stop button
- 11-1558 E-stop button
- 10-717 Valve
- 10-680 Manifold 5 station

## 26-3812-01 Auto FPR conversion on the 3800LR

For serial # DL-4399LR and above



### Includes:

- 4887-017 LR Control panel
- 11-1561 Push button green
- 11-1566 Contact block NO
- 11-1836 LED Module 120v
- 11-1567 Latch mount
- 10-738 Valve
- PROG-0005 Programmed 1761-L16AWA
- 11-1904 Fuse kit
- 11-1906 2 amp fuse
- 11-1907 2 amp fuse
- 11-1908 2 amp fuse

# 1020 REPLACEMENT PARTS

## 1020 and 1020K

THE CLASSIC DOUBLE  
END TRIM SAW



### 26-0608-00 Wear Strip Kit

Kit includes all wear surfaces: formica (black), turntable pads, and florigold. This maintenance kit helps ensure the material is sliding through the machine smoothly. It is much faster to replace all pieces on the machine, instead of going through section by section. Plus you don't want your wear surfaces to be uneven because they will in return feed through the machine that way.



### CUTTING TOOLS



13-038  
Kerfing blade



NOR92834  
Kerfing blade  
assembly kit



FRE85R010  
10" Trim saw blade

### MECHANICAL



#40 chain  
sold by link



0601-730  
2" right moveable  
mandrel



0601-731  
2" left stationary  
mandrel



0620-002  
Feed dog #1



0620-003  
Feed dog #2 & #3



0622-004  
Turntable pad, tall



0622-007  
Turntable pad, short



0629-001  
Turntable formica,  
large



0629-002  
Turntable formica,  
small



0629-003  
Stationary outfeed  
formica wearstrip



12-008  
Timing belt, saw  
drive



12-027  
Timing belt pulley



12-082  
Rod end 5/16"



12-096  
Pillow block bearing



12-354  
3/4" fiber washer,  
feed bumper

### ELECTRICAL



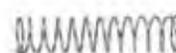
13-856  
Adjustment handle  
width lock



4300-003  
Turntable insert, 1  
hole each end



13-228  
Crutch tip 1/2"  
13-229  
Crutch tip 5/8"



Lane spring #111  
Feed dog



11-300  
Relay



11-989  
Contactor

### PNEUMATIC



11-992  
Contactor



DEW616M  
Dewalt replacement  
motor



13-1022  
Cordset for Dewalt  
616



BLA398139  
Router brush all  
DEW616 routers EACH



10-038  
Air Valve



10-047  
Air valve, turntable  
lock kerf

# 1130, 1120 & 1020 REPLACEMENT PARTS



10-048  
Air valve, turntable rotation



10-071  
Air valve, saw home & return



10-074  
Arm lever valve for cycle/start



10-075  
Air valve



10-126  
Air cylinder, feed



10-134  
Air cylinder, trim clamp



10-143  
Air cylinder, table rotate



10-153  
Air cylinder, saw lift



10-413  
Switch



10-414  
Switch adapter



10-523  
Particulate filter



10-542  
Air element



10-566  
Air filter element



10-604  
Air flow control, feed cylinders, 3/8T x 1/4 P



10-669  
Flow control 5/32T x 1/8P



10-096  
Endine shocks



AIRDP2-01-000  
Differential pressure



USP36050  
Vacuum hose 2-1/2"  
Sold by the foot



USP36053  
Vacuum hose 4"  
Sold by the foot



**1120 & 1130**



11-1560  
Contact block N.C.



11-1566  
Contact block N.O.



10-1198  
1/2" filter



10-134  
Air cylinder, trim clamp



10-058  
Cylinder jamb crowd



13-228  
Crutch tip 1/2"  
13-229  
Crutch tip 5/8"



10-048  
Air valve, turntable rotation



10-047  
Air valve, turntable lock kerf



10-1199  
Coalescing filter element



10-414  
Switch adapter



FRE85R012  
12" Ultimate cut-off blade



12-864  
Saw drive belt



10-667  
Ramp Stop Cylinder



10-1439  
Cylinder sensor

# 2400ASR & 2300 REPLACEMENT PARTS

## 2400ASR

AUTOMATIC DOUBLE-PREP  
STRIKE JAMB ROUTER



13-1928  
Bit



10-406  
Air cylinder



10-1048  
Wire



11-1558  
E-stop mushroom



11-1560  
Contact block N.C



11-1565  
Selector switch



11-1566  
Contact block N.O



11-1567  
Plastic latch mount



11-1568  
Green LED module



11-898  
Power supply



11-1993  
Output Terminal



11-2019  
Power supply



13-665  
Adjustment handle

## 2300

AUTOMATIC STRIKE ROUTER



13-1407  
Straight bit



11-1558  
E-stop mushroom



11-1560  
Contact block N.C



11-1564  
Selector switch



11-1565  
Selector switch



11-1566  
Contact block N.O



11-1567  
Plastic latch mount



11-1940  
LED Unit



11-300  
Relay



0293-058  
Modified Router



13-665  
Adjustment handle

# 250M REPLACEMENT PARTS

## 250M

STRIKE ROUTER

VERSATILE, SAFETY FEATURES

9-FOOT JAMB READY



Thumbscrew  
5/16-18 x 1" for  
template holder

### BITS

### MECHANICAL

					
165-001 Hinge bit 1/2" dia. 1/4 radius 1/4-28 thread	SAF5001 Shank 1/2" D x 1-1/2" OA	0201-003 Template follower	0201-100 Router casting	0202-001 Template holder	0202-006 Template wedge

### ELECTRICAL

					
0203-005 Clamp Block	2003-002 Magnetic strip, vac option	9025-101 Stop, jamb	11-047 Contact block, vac start	11-052 Selector switch vac start	DEW616M Router motor

### PNEUMATIC

### TEMPLATES

					
13-1022 Dewalt router cord DEW616	BLA398139 Router brush all dew616 routers EACH	10-133 Air cylinder, clamp	10-535 Air valve clamp pedal	9201-001 2-1/4", 5/8" radius full lip strike	9202-001 2-1/4", 1/4" radius full lip strike

					
9202-001S 2-1/4", 1/4" radius steel full lip strike	9204-001 1-1/8" x 2-3/4" 1/4" 1-1/2" lip t-strike	9205-001 1-1/4" x 4-7/8" 1/4", 3-3/8" lip t-strike	9206-001 No lip deadbolt 1" x 2-1/4" 1/4"	9206-001S Steel no lip deadbolt 1" x 2-1/4" 1/4"	9211-001 2-1/8", 1/4" radius full lip strike

			<div> <p>To view more parts, manuals and service kits visit our machine support section at <a href="http://norfield.com/machine-support">norfield.com/machine-support</a></p>  </div>		
9219-001 No lip deadbolt 1-1/8" x 2-3/4" 1/4"	9230-001 1" x 2-1/4", 1/4", .95" lip t-strike	9233-001 No lip deadbolt 1-1/4" x 3-5/8", 1/4"			

Machine Parts

# 260MX & 250MX REPLACEMENT PARTS

## 260MX & 250MX

STRIKE ROUTER

VERSATILE, SAFETY FEATURES

9-FOOT JAMB READY



### BITS



165-001  
Hinge bit 1/2" dia.  
1/4 radius 1/4-28  
thread



SAF5001  
Shank 1/2" D x  
1-1/2" OA

### MECHANICAL



0203-005  
Clamp Block



4816-007  
Switch insert

### ELECTRICAL



9025-101  
Stop, jamb



11-1797  
Switch, handle

### PNEUMATIC



11-300  
Relay



DEW616M  
Router motor



13-1022  
Dewalt router cord



BLA398139  
Router brush all  
dew616 routers EACH



10-133  
Air cylinder, clamp



10-535  
Air valve clamp pedal

### TEMPLATES



0292-004  
Uses 9202-001 &  
9206-001 at 5-1/2"  
center to center



0292-006  
Template. Uses 9202-  
001 & 9219-001  
at 5-1/2" center to  
center

## 250M Service Kits

### 26-0203-00: 250M Dust Collection Kit Without Vacuum

For 250M SR-1850 and above

The cutting bit on a 250M is fairly exposed. This kit, even though it was intended to add vacuum to the machine, provides additional guarding around the bit.

### 26-0201-01 250M Extra Stop System

For all 250's that have Dead Bolt Stops

The extra stop system for the 250M machines is a set of stops that mount onto the slide rods for the dead bolt stops. The stops can be set for almost any dimension less than the dead bolt stop. One of the common uses of the stop system is to prep heads for ball catch strikes.

## 250M Service Kits

### Dewalt 616 Router Upgrade

The 250M used a Black & Decker or Dewalt motor that is no longer available. The motor that is currently available from Dewalt is larger and will not fit the machine as built. This kit converts the 250M strike routers to use the Dewalt DW616 router motor. *Router included.*

26-0206-00  
26-0206-01

SR2102 & below  
SR2103 & above



### 26-0201-00 Dead bolt Stop Assembly Kit

For 250M

The 26-0201-00 is the dead bolt stop upgrade kit. It adds the dead bolt stop assembly option to a 250M that was ordered without it.

Machine Parts

# 350H REPLACEMENT PARTS

## 350H

COMMON  
REPLACEMENT  
PARTS



To view more parts, manuals and service kits  
visit our machine support section at  
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### BIT TIPS & CUTTING TOOLS

Insert hinge mortising bit parts

13-734 5/8" radius insert hinge bit	150-102 Insert knife for 5/8" insert bit	13-735 Arbor for hinge rtr 1/4-28 thd	VEG17 Bit tip	APE490 Bit tip holder	13-039 Self centering bit

### MECHANICAL

0001-004 Spool bushing 1/2"	0003-002 Angle bracket	0006-004 Spool bushing 5/8"	0007-101 Stop turret	0034-001 Hold over roller mount	0039-005 Safety shield
0058-005 Flange, roller	10-410 Tool balancer with hanger 5 lbs	12-082 Rod end 5/16"	13-079 Tram rail roller	13-583 Clamp, index bar lock pin 6805-051	6805-051 Lock pin, index bar
13-597 Double bevel latch pin	13-687 4" rubber wheel	6053-100 Slide side casting	6800-707 Left hand stop assembly	6800-764 Quick change flat jamb att. 3-1/2 & 4"	6800-765 Quick change flat jamb att. 4-1/2 & 5"
6805-011 Jamb lift link bar	6805-019 Red index block 6805-020 Yellow index block	6805-025 Jamb clamp pad	6805-044 Lift lock mount	6805-086 Clamp button, jamb lift	6809-027 Ferrule, 2"

Machine Parts

# 350H & VNAILER REPLACEMENT PARTS

					
6809-051 Butt router door clamp wear strip	6809-052 Clamp pad	6809-055 Lock pin, pivot	6809-075 Router casting	6809-103 Stop catch	6809-106 Pivot bearing as- sembly
		<b>ELECTRICAL</b>	<b>PNEUMATIC</b>		
					
6809-108 Pivot bar	TNS2020 Bushing kit, butt router	DEW616M Router motor	10-1417 Screwdriver	10-219 Push button valve, router lock	10-262 Air valve, router clamp
					
10-681 Pneumatic valve, jamb lift	10-582 Air cylinder, router latch	10-749 Cylinder, jamb lift	10-750 Cylinder, jamb clamp	10-620 Cylinder	10-703 3/8" flex air hose assembly

To view more parts, manuals and service kits visit our machine support section at [norfield.com/machine-support](http://norfield.com/machine-support)



## Vnailer



24-004  
Miter mite nail head  
for 5mm nails



24-005  
5mm vnails 5000/  
box hardwood



24-006  
7mm vnails 4000/  
box hardwood.



24-011  
10mm vnails 4000/  
box hardwood



24-016  
12mm v-nail 3000/  
box hardwood



24-017  
15mm v-nail 2000/  
box hardwood



24-007  
pneumatic tool  
cleaner

**Need a different nail head size that isn't shown here?**  
**Call us at**  
**1-800-824-6242**

# 450 REPLACEMENT PARTS

## 450

FLOW THROUGH STITCHER

VERSATILE

SAFETY FEATURES

9-FOOT JAMB READY

### MECHANICAL



13-1442  
Spotnail Right w/  
mount



13-1443  
Spotnail Left w/mount



12-024  
Bearing



12-038  
Torque tamer



12-082  
Rod end 5/16"



12-402  
Torque tamer bushing



13-1178  
10" power feed wheel



5865-010  
Guard stop

### ELECTRICAL



1-7/16 Reveal

5865-013  
5865-014  
Reveal spacer  
other size available



13-228  
Crutch tip 1/2"  
13-229  
Crutch tip 5/8"



#40 chain  
sold by link



11-047  
Contact block N.O



11-048  
Contact block



11-049  
Operator switch  
green

### PNEUMATIC



11-053  
Emergency stop  
button



11-1570  
Foot pedal switch



11-667  
Photo eye



10-1182  
Filter unit



10-557  
Air filter element



10-566  
Air filter element



10-135  
Cylinder, material  
holdover



10-484  
Cylinder, feed wheel  
lift



10-970  
Cylinder, material  
stop



10-480  
Air valve, gun fire,  
feed start



10-562  
Air flow control, 1/4  
T x 1/8" P



10-517  
Bracket, FRL

Machine Parts

### 450 SERVICE KITS



**26-5805-00:  
450 Side jamb  
reference assembly**  
This upgrade is a module that is placed between the two existing infeed material guide blocks allowing the operator to more accurately position the jamb and stop material in the machine



**26-5804-00:  
450 Quick change material stop**  
*For 450s up to LS-6060*  
This upgrade is a module that replaces the existing material stop assembly and greatly improves the accuracy and reliability of the 450 Stop Stitcher.

# 540AC REPLACEMENT PARTS

## 540AC

UNIVERSAL ASSEMBLY CENTER



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### MECHANICAL



0058-005  
Delrin flange



12-039  
Torque tamer 35 x 1



12-426  
1/8 Bushing



5117-008  
Roller



5143-102  
Clamp arm



5151-001  
Bushing

### ELECTRICAL



10-386  
Pressure switch



11-1558  
E-stop mushroom



11-1565  
Selector switch



11-1560  
Contact block N.C



11-1566  
Contact block N.O



11-1567  
Plastic latch mount

### PNEUMATIC



11-1570  
Foot switch



11-1694  
Switch



11-354  
Relay



11-355  
110 V gun fire sensor



11-451  
Sensor, 12 V gunfire



10-003  
Oil reservoir



10-562  
Air flow control 1/4" T  
x 1/8 P



10-604  
1/4" air flow control  
3/8 T x 1/4 P



10-669  
Flow control 5/32 T  
x 1/8 P



10-879  
Cylinder

### SERVICE UPGRADE KIT

#### 540 header clamp upgrade

*Requires installation by a Norfield Authorized service technician*

Early versions of the header clamp assembly utilized a header up stop that was pivoted between two other pivoting members. This made it difficult to consistently and accurately position the header.

- 26-8820-00** w/existing header up-clamp cylinders
- 26-8820-01** w/out existing header up-clamp cylinder

# KVAL REPLACEMENT PARTS

## kval DL-2



Need a part that is not shown?  
Call us today and one of our sales reps  
will find the part you need!  
1-800-824-6242

### CUTTING TOOLS



165-050  
Faceplate router bit  
1/2"dia 1/4" shank



ONS1553  
Doorlite bit HSS 1/2"  
x 5-1/2"



ONS15531  
Doorlite bit tin-coat-  
ed 1/2" x 5-1/2"



ONS25015  
Doorlite bit ticoated



RB080872  
Router bit carbide tipped  
1/2"shank 1/2" dia,  
4-1/2" OAL



300-150  
Doorlite bit Straight  
flute 1/2"x 5-1/2"



300-151  
Doorlite bit stagger-  
tooth 1/2"x 5-1/2"



RB080880  
Doorlite bit Straight  
flute 1/2"x 5"



WHI1205  
Staggetooth 5-1/2"oal  
round shank



WHI1072  
4-1/8" OAL Router bit



FOR53104  
Side drill 1", 7/16",  
4"twist

## kval 555 Door Sizer



FST60  
Carbide knife 60x12x-  
1.5mm



WHI1026  
Router bit 1/2"D  
2-1/2" OAL



NZBQ81181  
Sanding belt 3"x36"  
80 grit



NZBQ81182  
Sanding belt 3" x 36"  
100 grit



555-11010  
Replacement pad

# KVAL REPLACEMENT PARTS

## Kval 990F



### CUTTING TOOLS

#### 2-1/8" insert lock drill bit parts



13-612  
Lock drill bit 2-1/8



200-101  
Insert knife, lock drill



13-620  
Insert scoring spurs



13-686  
Center drill



NOR164  
Set screw, 2-1/8 bit  
raker knives



NOR161  
Set screw, 2-1/8 bit,  
center drill

#### Insert hinge mortising bit parts



NOR168  
Set screw, 2-1/8 bit  
scoring spurs



FOR218  
2-1/8 3-wing face-  
bore bit- 6"



FOR53100  
Twist Drill 1", 6"oal  
brad 1/2"shank



NOR661  
5/8" radius insert  
hinge bit



150-102  
Insert knife for 5/8"  
insert bit



NOR664  
Arbor for hinge rtr  
1/4-28 thd

#### Hinge mortising bits



160-101  
5/8"radius hinge rout  
5/16-24 thread



160-120  
5/8"radius hinge rout  
1/4-28 thread



165-001  
1/4" radius faceplate  
bit, 1/4-28 thread



SAF500  
Router bit 1/2",  
1/4-28



167-020  
Arbor 5/16-24  
thread



SAF50  
Shank 1/2" 2-3/8  
OAL



KVARBOR06B  
Arbor for Perske  
hinge rtr 1/4 & 5/8  
radius



FSKNIFE14  
Insert scoring spur



FST60  
Carbide knife 60x12x-  
1.5mm



VEG16  
3-1/2" power bit #2



APE4923  
Screwdriver bit



JLD1250  
Jobber length pre-  
drill bits

### PNEUMATIC



10-003  
Air Reservoir



10-135  
Air Cylinder



10-1425  
Air Cylinder



10-562  
Flow control, 1/4 T  
x 1/8 P



10-571  
Elbow fitting



10-661  
Flow control

# KVAL REPLACEMENT PARTS



10-732  
Regulator Gauge



10-017  
1/8" Air Flow Control



AIR24555  
Bowl & gasket kit



CHIPOUT 05  
Back section facebore  
chipout block

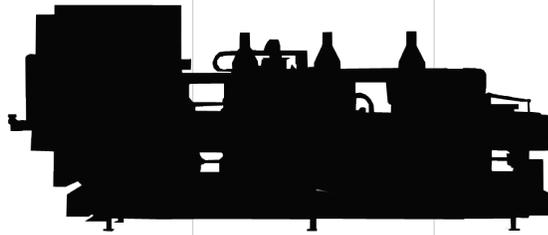


CHIPOUT 09  
Spring loaded hinge  
pocket chipout block



CHIPOUT 11  
Solid hinge pocket  
chipout block

## kval Architect DI



CHIPOUT49A  
Back section, lower  
drill box



CHIPOUT06A  
Back section function  
hole upper

## Kval 700C



10-003  
Air Reservoir



10-017  
1/8" Air Flow Control



11-441  
Limit switch



46-00-BX  
Vertical Jamb Clamp  
Block

Machine Parts



46-0D-D10  
Kval outfeed wheel



P280805FD  
Pad, Delrin

# KVAL REPLACEMENT PARTS

## kval Commander



13-734  
5/8" Radius insert  
hinge bit



150-102  
Insert knife 1/4" &  
5/8" radius



200-101  
Carbide cutter blade



FSKNIFE14  
Insert scoring spur



FOR218  
2-1/8" 3-wing face-  
bore bit-6-1/2"



NOR600  
Gauge holder for  
1/2" dia insert bit



13-735  
Arbor/face plate  
router 1/4-28 thd



FOR53100  
Carbide tipped 1"x  
6" twist



JLD1250  
Jobber pre-drill bit  
hinge side



CHIPOUT05  
Back section face  
bore block



CHIPOUT30  
Hinge section  
chipout block



CHIPOUT78  
Hinge section block  
1/4" radius



10-003  
Air Reservoir



10-133  
Air cylinder, clamp



10-017  
1/8" Air Flow Control



P161607FD  
Pad, 1" x 7/16"



## Kval 960-3



CHIPOUT35  
Chipout 950-3 w/45°  
chamfer on top edge



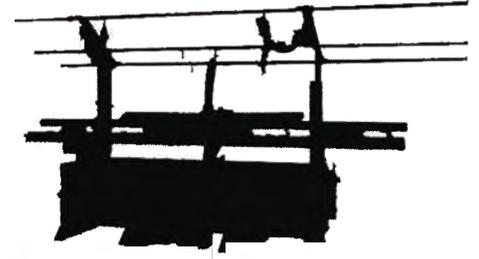
13-1904  
Router bit

# DOTUL REPLACEMENT PARTS

## Dotul Maverick



## Dotul Nomad



13-612  
Lock drill bit 2-1/8"  
with flat



13-620  
Spur knife



200-101  
Insert knife for  
NOR77462



FOR2181  
3-wing bit, ct with  
flat 2-1/8"



TNS2181  
Lock bit 2-1/8" flat  
carbide tipped



TUF3  
Lock bit 3 wing  
2-1/8" w/flat



13-1251  
Twist drill 1" insert



13-1255  
Insert knife 1" Carbide



FOR53104  
Twist bit, ct, threaded  
1"



13-315  
Latch bit 1" with flat  
on shank



13-311  
Latch bit 1" with  
threaded shank



13-734  
Hinge Bit, 5/8" R  
carbide insert



150-102  
Insert knife 1/4" &  
5/8" radius



160-120  
Hinge bit, 1-1/4" dia  
1/4-28 thread



165-001  
Hinge Bit 1/2" dia,  
1/4-28 thread



13-735  
1/2" Shank, 1/4-28  
thread



13-429  
50mm cutterhead  
blades 10/box



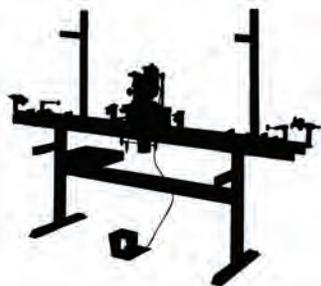
FST60  
Carbide knife  
60x12x1.5mm



13-686  
Center drill HSS

Machine Parts

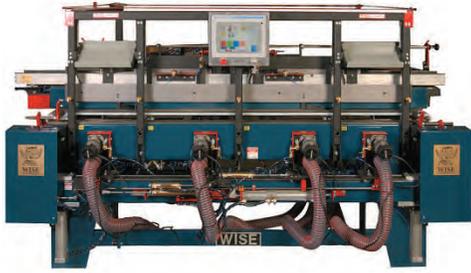
## Dotul Strike Router DT-503



9205-001  
1-1/4" x 4-7/8" x 1/4",  
3-3/8" lip t strike

# FULL HOUSE & WISE REPLACEMENT PARTS

## Wise 8800



FOR2181  
3-wing bit with flat  
2-1/8"



13-612  
Lock drill bit 2-1/8"  
with flat



TNS2181  
Lock bit 2-1/8" w/flat  
carbide tipped



13-315  
Latch bit 1" with flat  
on shank



13-1251  
1" Twist bit insert



FOR53104  
Twist bit 1" threaded



160-120  
Hinge bit 1-1/4" dia  
1/4-28 thr

## Full House Diamond



## CUTTING TOOLS



13-612  
Lock drill bit 2-1/8"  
with flat



200-101  
Insert Knife for  
NOR77642



13-620  
Spur knife



TNS2181  
Lock bit 2-1/8" w/flat  
carbide tip



TUF3  
Lock bit 3 wing  
2-1/8" w/flat



FOR2181  
3-wing bit with flat  
2-1/8"



160-120  
Hinge bit 1-1/4" dia  
1/4-28 thr



165-001  
Hinge bit 1/2" dia  
1/4-28 thr



NOR500  
1/2" insert faceplate  
bit



13-734  
Hinge bit 5/8" radius  
insert



13-735  
1/2" shank 1/4-28  
thread



FST60  
Carbide knife  
60x12x1.5mm



13-686  
Center drill HSS

# FULL HOUSE REPLACEMENT PARTS

## PNEUMATIC



10-047  
Air valve, turntable lock kerf



10-262  
Air valve, template guide plunge



10-681  
Air valve, jamb lift



10-401  
Cylinder, latch drill plunge  
**TEMPLATES**



10-439  
Cylinder



10-562  
Flow control, 1/4 T x 1/8 P



10-071  
Air valve, saw home & return



12-082  
Rod end 5/16"



10-168  
Aro 7000 repair kit



9111-001  
Faceplate tml 1"x 2-1/2"



9112-001  
Latch template 1" x 2-1/4"



9112-S  
Faceplate tml steel 1" x 2-1/4"



9113-001  
Faceplate tml 1-1/8" x 2-1/4"



9117-001  
Faceplate tml 1-1/4" x 2-1/2"



9118-001  
Faceplate tml 1-1/8" x 2-3/4"



9119-001  
Faceplate tml 1-1/16" x 2-1/4"



9126-001  
Faceplate tml 1" x 2-1/8"

## Full House Marquise



13-612  
Lock drill bit 2-1/8" with flat



FOR2181  
3-wing bit with flat 2-1/8"



TNS2181  
Lock bit 2-1/8" w/flat carbide tip



13-1251  
1" Twist bit insert



13-1255  
Insert knife 1" carbide



FOR53101  
Twist bit 1" with flat



13-315  
Latch bit 1" with flat on shank



TNS15161  
Latch bit 15/16" with flat



13-957  
Bit tip 6" recessed tip



13-735  
1/2" shank 1/4-28 thread 2-5/16AL



160-120  
5/8" radius hinge rout 1/4-28 thread



DEW616M  
Dewalt 1-3/4 motor



FHCL03Y31  
Phenolic backing plate

# FULL HOUSE REPLACEMENT PARTS

## Full House full strike jamb router



165-001  
Hinge Bit 1/2" dia,  
1/4-28 thread



13-735  
1/2" shank 1/4-28  
thread 2-5/16OAL



WH11067  
Router bit 1/2" diam-  
eter 2-7/8" OAL



0202-006  
Template wedge



10-133  
Air cylinder, clamp



13-228  
Crutch tip 1/2"  
13-229  
Crutch tip 5/8"

### TEMPLATES



9201-001  
2-1/4", 5/8"radius  
full lip strike



9202-001  
2-1/4", 1/4"radius full  
lip strike



9202-001S  
2-1/4", 1/4"radius  
steel full lip strike



9204-001  
1-1/8" x 2-3/4" 1/4"  
1-1/2" lip t-strike



9205-001  
1-1/4" x 4-7/8" 1/4",  
3-3/8" lip t strike



9206-001  
No lip deadbolt 1"x  
2-1/4" 1/4"



9206-001S  
Steel no lip deadbolt  
1" x 2-1/4" 1/4"



9211-001  
2-1/8"; 1/4" radius  
full lip strike



9219-001  
No lip deadbolt  
1-1/8" x 2-3/4" 1/4"



9230-001  
1" x 2-1/4", 1/4", .95"  
lip t-strike



9233-001  
No lip deadbolt  
1-1/4" x 3-5/8", 1/4"

Need a part that is not shown?  
Call us today and one of our sales reps  
will find the part you need!  
1-800-824-6242

# RUVO REPLACEMENT PARTS

## Ruvo 9700 Door lite cutter



ONS1553  
Doorlite bit HSS 1/2"  
x 5-1/2"



ONS15531  
Doorlite bit tin-coat-  
ed 1/2" x 5-1/2"



300-150  
Doorlite bit Straight  
flute 1/2"x 5-1/2"



WHI1205  
Staggertooth  
5-1/2"oal round shank



13-1251  
Twist drill 1" insert



13-1255  
Insert knife 1" Car-  
bide



FOR53104  
Twist bit, ct, thread-  
ed 1"



13-311  
Latch bit 1" with  
threaded shank

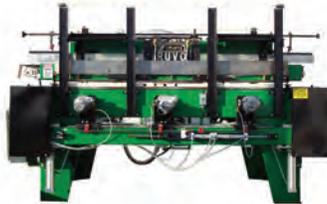


13-686  
Center drill



200-101  
Insert knife, lock drill

## Ruvo 925 Machining center



Need a part that is not shown?  
Call us today and one of our sales reps  
will find the part you need!  
1-800-824-6242



13-612  
Lock drill bit 2-1/8"  
with flat



FOR2181  
3-wing bit, ct with  
flat 2-1/8"



TNS2181  
Lock bit 2-1/8" flat  
carbide tipped



13-1251  
Twist drill 1" insert



13-1255  
Insert knife 1"  
Carbide



FOR53104  
Twist bit, ct, threaded  
1"

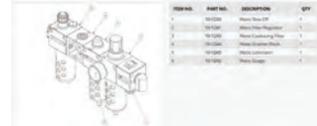


13-315  
Latch bit 1" with flat  
on shank



160-120  
5/8" radius hinge  
bit, 1/4-28"

To view more parts, manuals and schematics  
visit our machine support section at  
[norfield.com/machine-support](http://norfield.com/machine-support)



# FASTENERS

ABBREVIATION	DESCRIPTION			DIMENSION
SHCS	SOCKETHEAD CAP SCREW			Dia. x thread pitch x L
BHCS	BUTTONHEAD CAP SCREW			Dia. x thread pitch x L
SHSB	SOCKET HEAD SHOULDER BOLT			Dia. x L
FHCS	FLAT HEAD CAP SCREW			Dia. x thread pitch x L
HHCS	HEX HEAD CAP SCREW			Dia. x thread pitch x L
SS	SET SCREW			Dia. x thread pitch x L

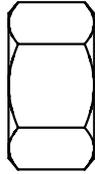
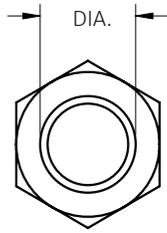
# FASTENERS

## NUTS AND WASHERS

### DESCRIPTION

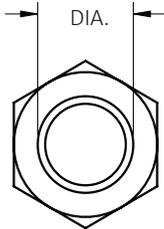
### DIMENSION

Hex Nut (HN)



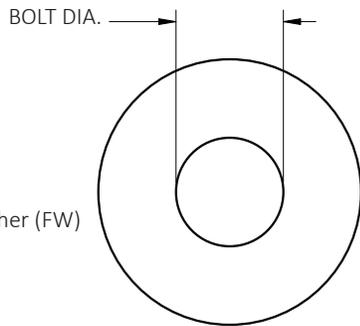
DIA. THREADS

Jamb Nut (JN)



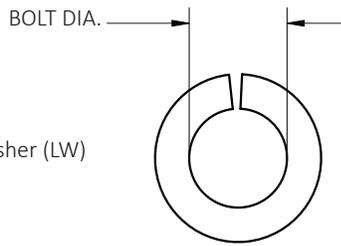
DIA. THREADS

Flat Washer (FW)



DIA. (BOLT)

Lock Washer (LW)



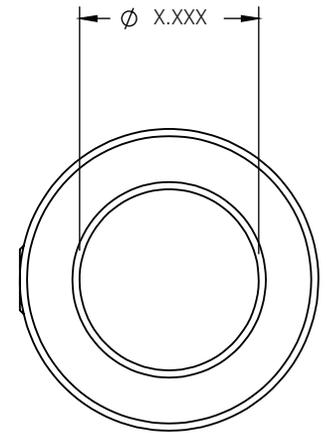
DIA. (BOLT)

## SHAFT COLLARS

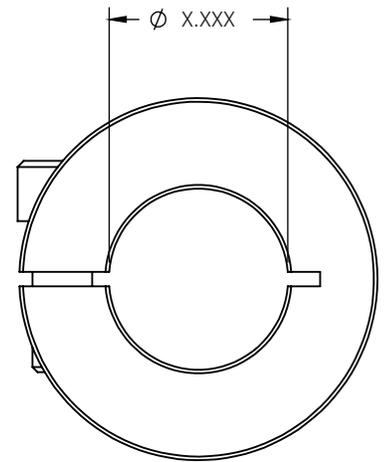
\*SIZE = INSIDE DIA. OF COLLAR DENOTED BY X.XXX

### PART NUMBERS AVAILABLE

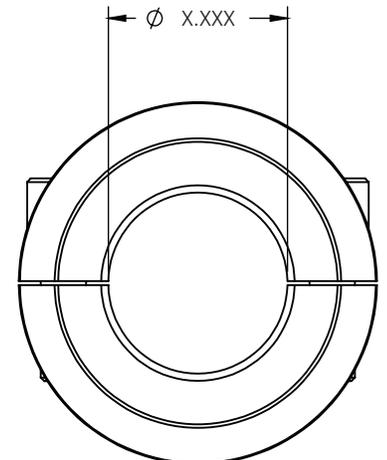
SC1/2" - ONE PIECE SOLID  
 SC3/4" - ONE PIECE SOLID  
 SC5/16" - ONE PIECE SOLID  
 SC5/8" - ONE PIECE SOLID



SC1" - ONE PIECE SPLIT  
 SC3/4" - ONE PIECE SPLIT  
 SC5/16" - ONE PIECE SPLIT



SC1/2" - TWO PIECE SPLIT  
 SC3/4" - TWO PIECE SPLIT  
 SC5/8" - TWO PIECE SPLIT



## THREAD IDENTIFIER

Wire lanyard tool with attached ruler helps you measure threaded nuts, bolts and screws.

NORAW6



# FITTINGS

## ONE-TOUCH FITTINGS

### Male Connector



Order No.	Tube O.D.	Thread Size
21-138	5/16"	1/8
21-143	5/16"	1/4
21-132	1/4"	1/8
21-133	1/4"	1/4
21-192	3/8"	1/4
21-177	3/8"	3/8
21-141	1/2"	1/4
21-145	1/2"	3/8
21-178	1/2"	1/2

### Straight Union



Order No.	Tube O.D.	Diameter
21-137	5/32	0.41
21-121	1/4	0.52
21-174	3/8	0.7

### Straight Union- Diff. Dia. (inch reducers)

21-190	5/32-1/4
21-191	1/4-3/8

### Male Elbow



Order No.	Tube O.D.	Thread Size
21-170	5/32	10-32 UNF
21-193	1/4	10-32 UNF
21-134	1/4	1/8
21-123	1/4	1/4
21-148	1/4	3/8
21-182	3/8	1/8
21-124	3/8	1/4
21-122	3/8	3/8
21-149	3/8	1/2
21-140	5/32	1/8
21-142	1/2	1/4
21-144	1/2	3/8

### Plug-in Reducer



Order No.	Tube O.D.	Fitting Tube O.D.
21-150	1/4	3/8
21-153	1/4	5/32

### Branch 'Y'



Order No.	Tube O.D.	Thread Size
21-155	1/4	1/4

### Branch Tee



Order No.	Tube O.D.	Thread Size
21-139	5/32	1/8"
21-167	1/4	1/8"
21-173	1/4	1/4"
21-172	3/8	1/4"
21-151	1/4	1/4

### Union Tee



Order No.	Tube O.D.
21-135	5/32
21-120	1/4
21-136	3/8

### Male Run Tee



Order No.	Tube O.D.	Thread Size
21-168	5/32	1/8
21-169	1/4	1/8
21-171	3/8	1/4

### Union Elbow



Order No.	Tube O.D.
21-179	1/4
21-180	3/8
21-181	1/2

### Plug



Order No.	Fitting Tube O.D.	D
21-163	5/32	0.24
21-164	1/4	0.33
21-165	3/8	0.45
21-166	1/2	0.59

## PIPE SIZE IDENTIFICATION

**NPT (I.D.)**      **Approx. O.D.**

1/8"	3/8"
1/4"	1/2"
3/8"	11/16"
1/2"	13/16"



Tube size

Pipe thread (NPT)

## BRASS FITTINGS

### Male Connector



Order No.	Tube O.D.	Tube I.D.	Pipe Thread
21-005	1/4	0.170	1/8
21-006	1/4	0.170	1/4
21-007	3/8	0.250	1/8
21-008	3/8	0.250	1/4
21-009	1/2	0.375	3/8

### Union



Order No.	Tube O.D.	Tube I.D.
21-086	1/4 x 1/4	.170 x .170
21-001	3/8 x 3/8	.250 x .250
21-002	1/2 x 1/2	.375 x .375

### Union Tee



Order No.	P Tube O.D.	Tube I.D.
21-048	1/4	0.170
21-049	3/8	0.250

### Union Elbow



Order No.	Tube O.D.	Tube I.D.
21-051	1/4	0.170

### Male Elbow



Order No.	Tube O.D.	Tube I.D.	Pipe Thread
21-054	1/4	0.170	1/8
21-055	1/4	0.170	1/4
21-056	3/8	0.250	1/8
21-057	3/8	0.250	1/4
21-058	1/2	0.375	3/8

### Female Elbow



Order No.	Tube O.D.	Tube I.D.	Pipe Thread
21-059	1/4	0.170	1/8

### Male Run Tee



Order No.	Tube O.D.	Tube I.D.	Pipe Thread
21-060	1/4	0.170	1/8
21-087	3/8	0.250	1/8

## PIPE FITTINGS

### Countersunk Hex-head Plug



Order No.	Pipe Thread	C-Hex
21-042	1/8	3/16
21-043	1/4	1/4

### Adapter



Order No.	Pipe Third	1 Pipe Thread 2	C-Hex
21-045	1/8	1/8	9/16
21-046	1/4	1/8	3/4
21-047	3/8	1/4	7/8

### Coupling



Order No.	Pipe Thread	C-Hex
21-017	1/8	1/2
21-018	1/4	3/4

### Bushing



Order No.	Pipe Third	1 Pipe Thread 2	C-Hex
21-019	1/8	1/4	9/16
21-020	1/8	3/8	11/16
21-021	1/4	3/8	11/16
21-022	3/8	1/2	7/8
21-023	1/2	3/4	1-1/8

### Close Nipple



Order No.	Pipe Thread
21-027	1/4

### Long Nipple



Order No.	Pipe Thread
21-091	1/8
21-032	3/8
21-029	1/8
21-033	1/2
21-030	1/8
21-096	3/8

### Hex Nipple



Order No.	Pipe Thread	C Hex
21-035	1/8	7/16
21-036	1/4	9/16
21-037	3/8	11/16
21-038	1/2	7/8

# FITTINGS & HARDWARE KITS

## Hex Nipple Reducers

Order No.	Pipe Thd 1	Pipe Thd 2	
21-039	1/4	1/8	9/16
21-040	3/8	1/4	11/16
21-041	1/2	3/8	7/8



## 90° Union Elbow

Order No.	Pipe Thread
21-067	1/8
21-068	1/4
21-069	3/8



## Union Tee

Order No.	Pipe Thread
21-073	1/8
21-074	1/4
21-075	3/8



## 90° Street Elbow

Order No.	Pipe Thread 1	Pipe Thread 2
21-070	1/8	1/8
21-072	1/4	1/4
21-093	3/8	3/8



## Cross

Order No.	Pipe Thread
21-076	1/4
21-113	3/8



## 45° Street Elbow

Order No.	Pipe Thread
21-077	1/8



## Male Branch Tee

Order No.	Pipe Thread
21-079	1/8



## Street Tee

Order No.	Pipe Thread
21-080	1/8
21-081	1/4



## NEEDLE VALVES, TRUCK VALVES

### Needle Valve

Order No.	Pipe Thread
21-082	1/8



AIR2000



10-562

## Flow Control

Order No.	Tube O.D.	N.P.T.
10-669	5/32	1/8
10-562	1/4	1/8
10-696	5/32	1/4
10-661	1/4	1/4
10-604	1/4	3/8
10-017		1/8
10-018		1/4"

Machine Parts

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the fitting you need!  
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Buy all 3 get  
shipping free

## Fitting and Bolt Kits

### Hex Head Cap Screw Kit

This kit contains a selection of socket head, flat head, and button head cap screws. The sizes range from #6 through 3/8". The kit contains bolts, nuts, lock washers, and flat washers. This is a selection of the most common fasteners used on all Norfield machinery. This kit also contains a bolt gauge so you can easily identify the bolt that you need. If you have any Norfield machine, you should have this kit.

26-9001-00



### Brass Fitting Kit

This kit contains a selection of the brass fittings that were commonly used by Norfield before 1995. The kit contains a large selection of brass fittings used to connect 1/4" and 3/8" black air tubing to valves and cylinders. The label on the box has a complete list of the fittings in the kit with photos for easy identification of fittings and part numbers for easy reordering. If you have a Norfield machine built before 1995, you should have this kit.

26-9002-00



### One Touch Fitting Kit

This kit contains a selection of the one touch fittings that were commonly used by Norfield after 1994. The kit contains a large selection of one touch fittings used to connect 5/32", 1/4" and 3/8" air tubing to valves and cylinders. The label on the box has a complete list of the fittings in the kit with photos for easy identification of fittings and part numbers for easy reordering. If you have a Norfield machine built after 1994, you should have this kit.

26-9003-00





# CREDIT APPLICATION

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A/R FAX: (800) 338-5656  
A/R EMAIL: AR@NORFIELD.COM

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Norfield Credit Manager  
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(Name of Norfield Sales Rep)

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 Address \_\_\_\_\_  
 City/State/Zip \_\_\_\_\_  
 Phone \_\_\_\_\_  
 Order Date \_\_\_\_\_

**SHIPPING ADDRESS:**

Company \_\_\_\_\_  
 Contact Name \_\_\_\_\_  
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 Phone \_\_\_\_\_

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QTY	CATALOG#	DESCRIPTION	UNIT PRICE	SHIPPING WT	TOTAL

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                           AMEX

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Total	_____

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We'll call to confirm receipt of your order and to verify shipping costs.

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We're so sure you'll be happy with our products, we guarantee them! Try any product in our catalog for 30 days. If you are not absolutely satisfied, you can return the merchandise for a refund, for any reason. (This does not apply to machinery, machine parts, special order items or other items so indicated.)

### MERCHANDISE RETURNS

We're easy to do business with! Please call us before returning merchandise. We'll fax a form to be included in your package, or give you the necessary return authorization number to include with your return. Please print your RA# clearly on outside of box. Items returned after 30 days are subject to a 15% restocking fee.

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Warranty repairs are not assessed over the telephone. After the tool is returned for evaluation, we notify the customer as to the warranty status and available options.

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Special items are those not shown in this catalog, but special ordered for the customer. Special order items are not returnable.

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Modified items are those that are customized or ordered to our customer's specifications and are not normally carried

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Norfield

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Chico, CA 95928

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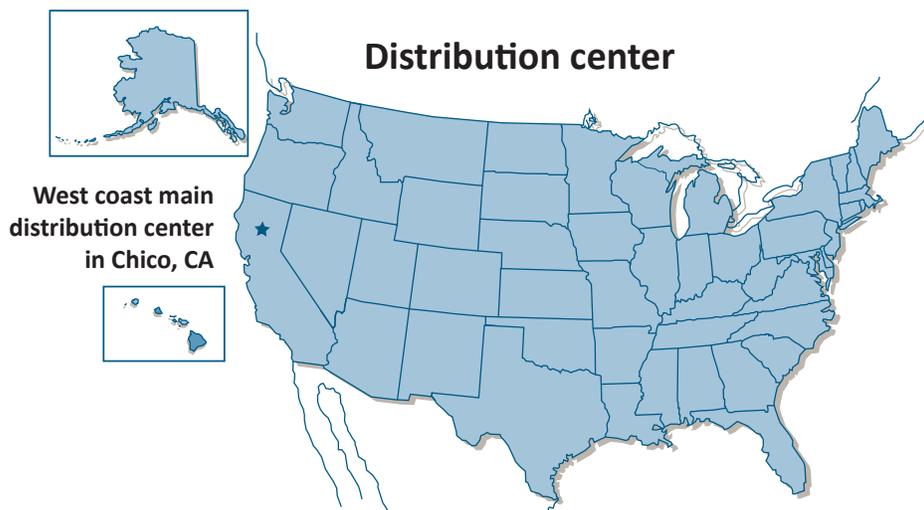
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<b>#</b>									
1020 parts	125-126	Bench brush	73	Dolly	84,85	Extended flushbolt drill guide	31		
1" Insert bit	36	Bit kit, magnum	103	Dolly wheels	85	Extension roller	74		
1020 replacement parts	117-118	Bit tip holder	51	Door adjuster	87	Exterior Door Machine	79,96		
1120 Casing saw	96	Bit tips	51,52	Door bottom strap	92	Extra hard bit tips	52		
1120 replacement parts	118	Bits	36-47	Door cart	80,82,84-87	<b>F</b>			
1130 replacement parts	118	Black beauty compression bit	41	Door catch	89	Face frame bit	45		
1130CNC casing saw	96	Blast gate	78	Door clamp	80	Face template system	35		
1700HJR Hinge jamb router	97	Blow gun	56	Door clip	91,93	Faceplate bit	41		
2300 replacement parts	119	Bore master	33,35	Door closure	91	Fast wrap	88		
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3800 replacement parts	115-116	Bushing	27,93	Door lite machine	96	French door clip	91		
3800 service kits	116	Butt router bushings	103	Door machinery	94	Full house replacement parts	131-133		
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4000 Replacement parts	111-112	Butt router upgrade kit	112	Door plugs	90,91	Glue	72		
4000 Service upgrade kit	112	<b>C</b>		Door skid	92,93	Glue brush set	72		
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450 quick change material stop	124	Casing clip	89	Door stand	83	Hammer	73		
450 replacement parts	124	Casing saw	96	Door Stud	82	Hand palm sander	66		
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450 side jamb reference	124	Center point	33	Door walker	86	Hex head cap screw kit	138		
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21-140	137	26-6811-07	104	6035-004	99	7640-010	25	910-031	91
21-141	137	26-6814-00	104	6035-005	99	7640-019	25	910-032	91
21-142	137	26-6816-00	105	6053-100	99,122	7640-029	25	910-033	91
21-143	137	26-6833-00	105	6450-900	80	7640-701	25	910-035	88
21-144	137	26-6833-01	105	6488051	21	7642-700	86	910-036	88
21-145	137	26-8800-05	107	6602364	21	7642-701	86	910-037	88
21-148	137	26-8820-00	125	6602503	21	7642-702	86	910-038	88
21-149	137	26-8820-01	125	6602504	21	7650-100	18	910-039	89
21-150	137	26-8828-00	113	6615036	21	7702-702	18	910-040	89
21-151	137	26-9001-00	138	6800-010	99	7706-009	24	910-041	89
21-153	137	26-9002-00	138	6800-014	99	7706-010	24	910-042	89
21-155	137	26-9003-00	138	6800-036	99	7706-011	24	910-044	93
21-163	137	26-9004-00	103	6800-039	99	7706-012	24	910-046	91

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910-051	89	CHIPOUT06A	128	EAG3000	53	FRE85R012	49,118	MAJ50	34
910-054	88	CHIPOUT09	128	ECC11140TI	41	FRE89M010	50	MAJDL150	81
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9112-S	102,132	CRC03044	71	EVO355	59	FST121	38	MFG350	22
9113-001	102,132	CRC03150	72	EVO380	59	FST2072	7,35,42	MFG400	18
9117-001	102,132	CST35	12	EVO4	59	FST30	40	MFG50	31
9118-001	102,132	CST351	12	EVO5	59	FST5000	44,64	MFG51	31
9119-001	102,132	CST4	12	EVO66	59	FST5001	44,64	MFG5600	30
9126-001	102,132	CST45	12	EVOSS1	59	FST51	40,98	MFG56100	10
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920-002	85	CST451	12	FAN19	66	FST61	40	MFG723	104
920-003	85	DC100	84	FAN2	66	FUL201	45	MFG7500	30
9201-001	13,120,133	DEL04450	77	FAN20	66	FUL256	31	MFG76400	25
9202-001	13,120,133	DEL50-891	77	FAN21	66	FUL48	31,44	MFG76410	86
9202-001S	13,120,133	DEN1	11	FAN23	66	GUNV300	74	MFG77	27
9204-001	13,120,133	DEN12	83	FAN4	67	HAR50	82	MFG77000	27
9205-001	13,120,130,133	DEN14	86	FAN5	67	HER14008SF	66	MFG7705	83
9206-001	13,120,133	DEN2	28	FAN7	67	HER14010SF	66	MFG77500	17
9206-001S	13,120,133	DEW130V	64	FER50	66	HER14012SF	66	MP-90	19
9211-001	120,133	DEW180	34	FHCL03Y31	132	HER2008VC	66	NOR101	69
9219-001	13,120,133	DEW1800	43	FOR1112	37	HER2010VC	66	NOR102	69
9230-001	13,120,133	DEW180014	43	FOR1121	37	HER2012VC	66	NOR103	69
9233-001	13,120,133	DEW180016	43	FOR1218	37	HER2015VC	66	NOR104	69
9511-225	102	DEW180024	43	FOR12181	37	HER2022VC	66	NOR1600	36
9900-705	33	DEW180034	43	FOR12931	45	HER2108VC	66	NOR161	36,98,106-111,127
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9900-714	33	DEW21009	64	FOR15181	37	HER2122VC	66	NOR16263	36
9900-715	33	DEW26441	65	FOR1581	37	HER32108	68	NOR164	36,98,106-127
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9901-704	23	DEW30	43	FOR2181	37,130-134	HER37608	68	NOR168	36,98,106,108,127
9902-701	35	DEW5026	60	FOR340	37	HER37610	68	NOR172	36
9903-708	8,9	DEW520SK	60	FOR340F	37	HER37612	68	NOR1730820	131
9903-709	8,9	DEW5258	60	FOR53100	36,127	HER42408	68	NOR1731	36
9903-711	8,9	DEW55117	73	FOR53100	129	HER42410	68	NOR500	38,131
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APE490	51,98,122	DOORSTUD HEAVY	82	FOR62326	45	JET709563	77	NOR756	19
APE492	52	DOR2000	33	FOR62327	45	JLD1250	127,129	NOR757	19
APE4921	52	DOR2450	33	FOR62329	45	JOR8	51	NOR758	19
APE4923	52,127	DOR2900	33	FOR62331	45	JOR8BIT	51	NOR759	19
APE492CCX	52	DOR2950	33	FOR62357	45	JORBODY	51	NOR760	19
APE502	52	DOR3000	9	FOR62427	44	JORCMLPT8	51	NOR776421	36
APE552	52	DOR3100	8	FOR62451	44	KRE15	69	NOR7765	36
APE9542	52	DOR31401	8,9	FOR62454	44	KRE16	69	NOR914	80
BLA326286-03	61	DOR31501	8,9	FOR62455	44	KRE17	69	NOR926	80
BLA326286-04	61	DOR3300	7	FOR62503	44	KRE18	69	NOR92834	117
BLA397531	61	DOR33350	8,9	FOR62507	44	KRE7712	69	NORAW6	136
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BLA399064	61	DOR33401	8,9	FOR62779	37	KRE7801	69	NORGW8	72
BLA40081	101	DOR33450	8,9	FOR62780	37	KRE8000	69	NORH10	74
BLA580017	61	DOR33451	8,9	FOR62781	37	KVARBOR06B	127	NORH11	74
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POR43701	39	TEM146	16	VEG20	52	WOO1109	70
POR43702	39	TEM151	16	VEG21	52	WOO1306	68
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POR59375	28	TEM3016	33	VEL104	72	WOO1727	76
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POR59859	12	TEM351KF	11	VEL106	72	WOO1828	64
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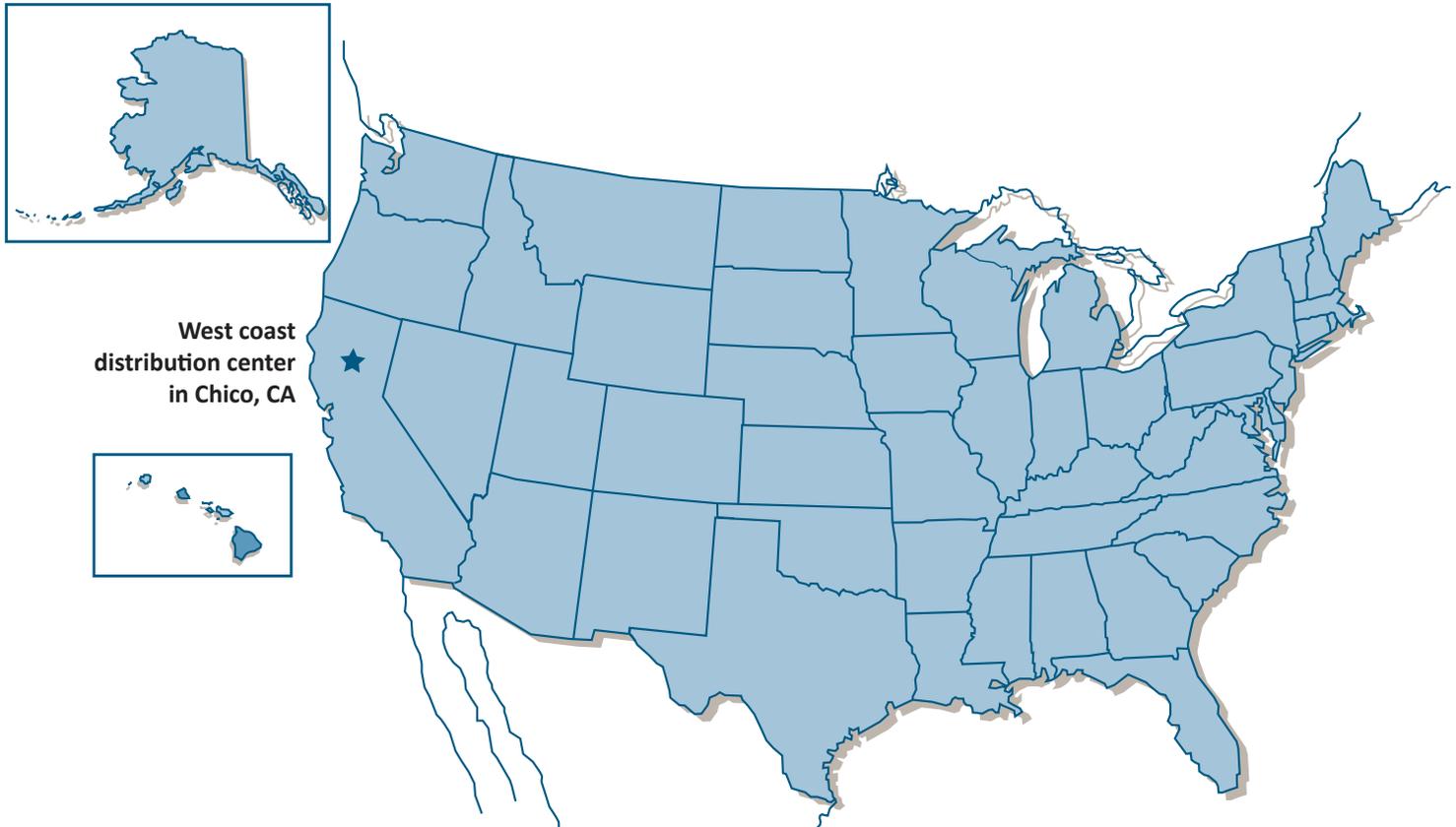
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