



SAWBLADES

CLASSIC RULES OF THUMB FOR CHOOSING A CIRCULAR SAWBLADE

- 1) The thinner the material, the more teeth are needed. The thicker the material, the fewer teeth are needed.
- 2) Three teeth need to be in the material at all times:
1 coming out, 1 in the middle of the material, and 1 coming in.
- 3) For solid wood material use ATB (alternate top bevel) teeth.
- 4) For particle board, MDF, and other abrasive man-made materials use TC (triple chip or trapezoidal) teeth.
- 5) For table saws use positive rake (teeth leaning forward), except for melamine, Corian and aluminum, which need negative rake blades.
- 6) For radial arm saws always use negative rake (teeth leaning backwards), because it reduces pulling of the material.
- 7) Blades should protrude about 1 tooth length out of the material.



LEITZ SAWBLADES from GERMANY offer high-tech engineering. Blades have fine-grain industrial carbide tips. Pre-tensioned steel plates keep the blade running steady and true. Copper plugs in the body of the blade help reduce vibration. State-of-the-art Leitz design features add up to superior cuts and a longer-life sawblade!

LEITZ RIP SAWBLADE



Rip sawblade with chip limiters. Dia: 10" with 5/8" bore. Kerf: 1/8"



<u>Code</u>	<u>Teeth</u>	<u>Grind</u>	<u>List/ea</u>
831R-ATB	24T	ATP pos.	\$ 172.04

LEITZ RIP & CROSSCUT SAWBLADE



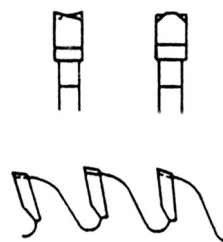
Rip and Crosscut Sawblade.
Dia: 10" with 5/8" bore. Kerf: 1/8"



<u>Code</u>	<u>Teeth</u>	<u>Grind</u>	<u>List/ea</u>
790R-ATB	40T	ATB pos.	\$ 199.94

LEITZ SAWBLADE

For Cross-Cut and Man-Made Material



Dia: 10" with 5/8" Bore. Kerf: 1/8"

For Cross-Cut:

<u>Code</u>	<u>Teeth</u>	<u>Grind</u>	<u>List/ea</u>
792R-ATB	60T	ATB pos.	\$ 158.18

For Man-Made Material:

<u>Code</u>	<u>Teeth</u>	<u>Grind</u>	<u>List/ea</u>
792R-TCG	60T	TC pos.	\$ 216.91

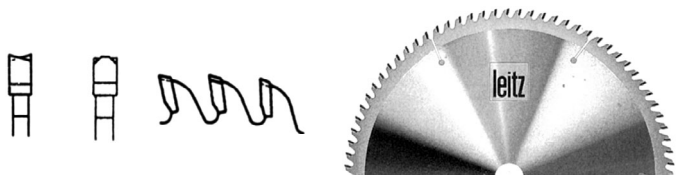


SAWBLADES



LEITZ FINE CUT SAWBLADE

Dia: 10" with 5/8" Bore. Kerf: 1/8"



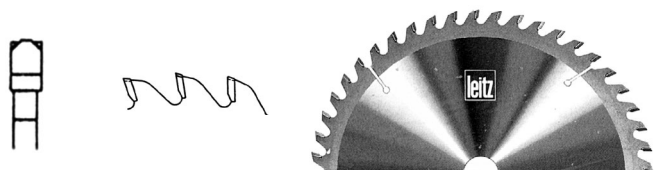
For Fine Cross-Cut:

Code	Teeth	Grind	List/ea
791R-ATB	80T	ATB pos.	\$ 210.82

Man-Made Material (Fine Cut or Thin Material):

791R-TCG	80T	TC pos.	\$ 181.65
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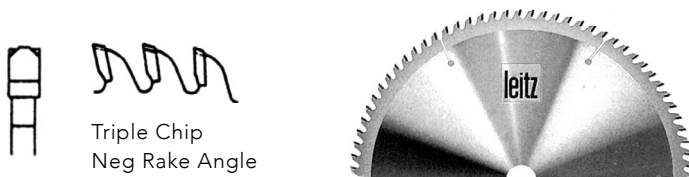
LEITZ DOUBLE-SIDED LAMINATE BLADE

Sawblade for double-sided laminates, negative rake.
Dia: 10" with 5/8" bore. Kerf: 1/8"

Code	Teeth	Grind	List/ea
843R-TCGN	60T	TC neg.	\$ 157.47

LEITZ MELAMINE SAW BLADE

Long-wearing tooth pattern: adjustable height for chip-free cutting.

Triple Chip
Neg Rake Angle

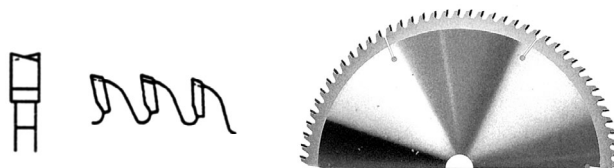
Sawblade for fine or thin cuts on double-sided laminates. Dia: 10" with 5/8" bore. Kerf: 1/8"

Code	Teeth	Grind	List/ea
844R-TCGN	80T	TC neg.	\$ 226.67

Triple chip design is said to stay sharp longer than ATB design in abrasive man-made panels; melamine, MDF, etc.

LEITZ SAWBLADE FOR MITER OR RADIAL ARM SAWS

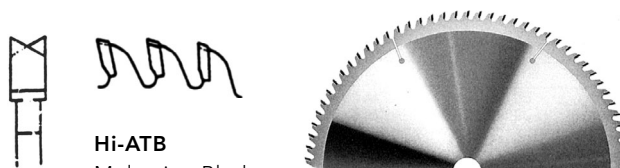
For Fine Cuts



Sawblade fits on miter or radial arm saws. For fine cuts. Dia: 10" with 5/8" bore. Kerf: 1/8"

Code	Teeth	Grind	List/ea
838R-ATBN	80T	ATB neg.	\$ 208.00

LEITZ MELAMINE SAWBLADE

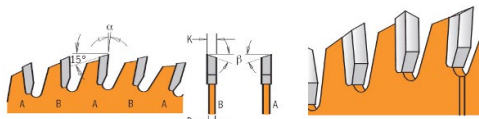
Hi-ATB
Melamine Blade
30° ATB
Neg Rake Angle

This Hi-ATB Melamine Blade has a negative rake which makes it ideal for smooth, chip-free cuts in laminates. Adjust blade height to find best result. Dia: 10" with 5/8" bore. Kerf: 3.2mm

Code	Teeth	Grind	List/ea
838R-ATBN30	80T	ATBN 30°	\$ 237.28



CMT blades are made in Italy. All blades include patented carrying case and baked-on PTFE non-stick orange coating.

SAWBLADES**CMT CUT-OFF ATB SAWBLADES**

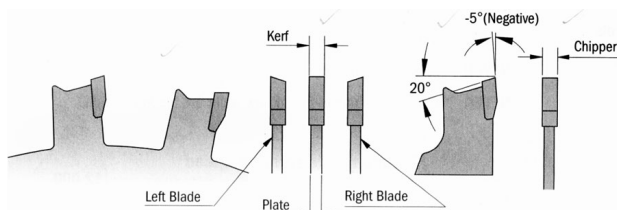
All-around cut off blade for hardwood, softwood, plywood and chip board. Alternate top bevel teeth, micrograin carbide 5° hook angle. 60 tooth. For use on table and miter saws.

- Bore Dia: 5/8", Blade Dia.: 10"
- Kerf Thickness: .102
- Plate Thickness: .079

Code	Description	List/ea
205.060.10	10" Dia, 60T	\$ 95.12

CMT PRECISION DADO SETSet includes:

2 blades, 6 carbide tipped four tooth chippers and a set of 10 steel shims.

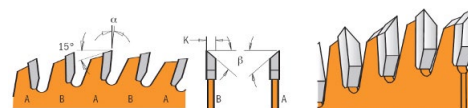


- Anti-kickback design
- Splinter resistant cuts in veneer plywood, melamine and hard and soft woods; chipper made especially for undersize plywood
- Six chipper blades. Four tooth design keep the cut flat and virtually free from tear out. Chipper sizes: 4 x 1/8", 1 x 3/32", 1 x 1/16"
- Shim sets included to set up any cut you want between 1/4" and 29/32"
- Micrograin carbide teeth
- Laser cut, high grade German steel blade body
- 5/8" Bore Dia.

Code	Description	List/ea
230.524.08	8" Dia, 24T	\$ 317.00

CMT FINE CUT-OFF SAWBLADE

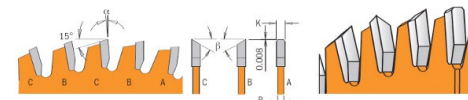
High ATB for Melamine



40° top bevel provides flawless finishing on melamine, hard and soft woods. Absolutely minimal chipping on double face material!

- 40° Bevel Angle, ATB
- Noise reducing laser cut channels
- Micrograin carbide teeth
- ATB grind, Hook Angle: 5°
- Kerf thickness: .126, Plate Thickness: .087

Code	Description	List/ea
210.080.10	10" Dia, 80T	\$ 131.72

CMT COMPOUND MITER & RADIAL SAW

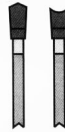
- The -5° hook angle, thin kerf, 30° bevel, and high tooth count allow smooth cuts in plywood, solid wood and laminates. Micrograin carbide tips.
- The negative hook angle keeps blade from climbing at aggressive feed rates
- Noise-reducing laser cut channels
- Grind: 4ATB+1FTG raker
- Hook Angle: -5°, Kerf: 0.114, Plate Thickness: .098

Code	Description	Bore	List/ea
219.060.08	8-1/2" Dia, 60T	5/8"	\$ 95.69
219.080.10	10" Dia, 80T	5/8"	133.00
219.090.12	12" Dia, 90T	1"	168.85

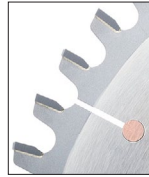
SAWBLADES

AMANA SAW BLADE

HG10480
Carbide Tipped
Hollow Ground
10" Dia x 48T HG,
-6 Deg, 5/8 Bore



HG -
Hollow
Grind



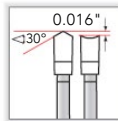
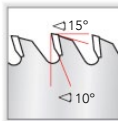
This specially designed saw blade makes exceptionally smooth cuts in melamine and other coated boards, without the need for scoring.

The unique hollow grind, which pairs a triple-chip tooth with a raker tooth that's ground to a concave profile, produces crisp, clean cuts. The grind is commonly used in vertical panel saws, such as those made by Striebig® and Holz-Her®. The negative hook angle is particularly suitable for vertical panel saws.

Code	Description	Bore	List/ea
HG10480	10", 48T Hollow Ground	5/8"	\$ 220.98

AMANA SAW BLADE

MD10-487-30
Carbide Tipped
Hollow Ground
10" Dia x 48T
HG, 10 Deg,
30mm Bore



Amana Carbide Tipped Hollow Ground 10" Dia x 48T, HG, 10 Deg, 30mm Bore Circular Saw Blade. The unique hollow-ground design produces crisp, clean cuts in melamine and other coated boards without the need for scoring. These blades pair inverted "V" teeth along with raker teeth and positive hook. They are particularly suitable for use on vertical saws such as those made by Striebig®, Altendorf®, SCM®, and Holz-Her®.

Code	Description	Bore	List/ea
MD10-487-30	10", 48T Hollow Ground	30mm	\$ 127.58

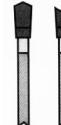
LEUCO SAWBLADES - Special Order



ATB -
Alternate
top bevel



TCG -
Triple chip
grind



HG -
Hollow
Grind

HG: Hollow ground
Pos: Positive Hook
Neg: Negative Hook

Table Saw Blades

Code	Dia.	Bore	Teeth	Saw	Net/ea
188426	10"	5/8"	x 50T ATB Flat	Chip	
80231459	10"	5/8"	x 60T ATB	Table	
188435	10"	5/8"	x 60T TCG	Table	
188418	10"	5/8"	x 80T ATB	Table	
188436	10"	5/8"	x 80T TCG	Table	
188432	10"	5/8"	x 24T TCG	Rip	

Melamine Saws

		Hook
181995	250mm x 30mm x 80T High-ATB	-2°
181996	300mm x 30mm x 96T High-ATB	2°

Altendorf Sliders/Striebig Vertical Panel Saws

(use similar sizers)

188979	300mm x 30mm x 72T TCG	10°
188661	300mm x 30mm x 96T ATB	10°
188980	300mm x 30mm x 96T TCG	10°
169739	300mm x 30mm x 60T HG	-6°
		Neg. Hook
169738	300mm x 30mm x 60T HG	10°
		Pos. Hook

Split Scoring Blades

169892	100mm x 22mm x 2x10 Alten, Martin, Strei
169883	120mm x 22mm x 2x12 Alten, Martin
188528	120mm x 20mm x 2x12 SCM
188398	120mm x 50mm x 2x12 Altendorf
	Rapido Split Scoring

Holz Her

169737	220mm x 30mm x 42T HG Pos.
181716	220mm x 30mm x 64T TCG

**CNC TOOLING****DRILL BITS****LEUCO: CNC TOOLING - Special Order****Spiral Router Bits - Solid Carbide****2 Flute Down Cut Spiral Bits**

Designed for solid woods, wood composites and some plastics. This bit is used where a downward chip removal is required. Provides downward pressure and leaves an excellent finish on the top.

Code	Cutting		Shank	Overall Length	Net
	Outside Dia.	Edge Length			
500009	1/4"	1"	1/4"	2-1/2"	
1721018	3/8"	1-1/4"	3/8"	3"	
1720573	1/2"	1-1/4"	1/2"	3-1/2"	
500021	1/2"	1-5/8"	1/2"	3-1/2"	

2 Flute Up Cut Spiral Bits

Designed for solid woods, wood composites and some plastics. This bit is used where an upward chip removal is required. Provides upward pressure. Chip removal is optimized but adequate hold down is needed.

Code	Cutting		Shank	Overall Length	Net
	Outside Dia.	Edge Length			
500008	1/4"	1"	1/4"	2-1/2"	
1721019	3/8"	1-1/4"	3/8"	3"	
1720572	1/2"	1-1/4"	1/2"	3-1/2"	
500020	1/2"	1-5/8"	1/2"	3-1/2"	

2 Flute Compression Spiral Bits (2 + 2)

Designed for double-sided laminated or veneered materials. This bit is used where an excellent finish for both top and bottom is required.

Code	Cutting		Shank	Overall Length	Net
	Outside Dia.	Edge Length			
1721351	1/4"	1"	1/4"	2-1/2"	
1731181	3/8"	1-1/4"	3/8"	3"	
1727268	1/2"	1-1/4"	1/2"	3"	
500059	1/2"	1-5/8"	1/2"	3-1/2"	
1720542	1/2"	2-1/8"	1/2"	4"	

CMT SPIRAL BITS - 2 Flute

Solid Carbide

191
Upcut Spiral

Code	Shank	Cut Dia.	Cut Length	Ovall Length	List
191.008.11	1/4"	1/4"	1"	2-1/2"	\$ 26.18
191.505.11	1/2"	1/2"	1-1/4"	3"	82.36
191.507.11	1/2"	1/2"	2"	4"	102.36

AMANA COMPRESSION BITSCNC Solid Carbide
Compression Spiral

CNC 2 flute compression bits. Special unique carbide for longer lifetime in abrasive material. Designed for CNC applications requiring high feed rates and a clean finish. Particularly suitable for double-sided melamine or laminated material.

Code	Shank	Cut Dia.	Cut Height	Ovall Length	List/ea
46188	1/2"	1/2"	1-1/4"	3"	\$ 116.72
46190	1/2"	1/2"	1-5/8"	3-1/2"	140.33
46367	3/8"	3/8"	7/8"	3"	117.02

Amana CNC Solid Carbide Spektra™ compression Spiral bit. Has a much shorter up-cut section than the standard compression tools. Ideal for mortising grooving and dado.



46367-K	3/8"	3/8"	7/8"	3"	\$ 125.77
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METRIC BRAD POINT DRILLS

5mm or 10mm

Excellent quality High Speed Steel woodworking bit. Designed for standard 3-jaw chucks. Carded, 1 ea/cd.

Code	Dia.	Overall Length	List/cd
570-7050	5mm	90mm (3-1/2")	\$ 22.03
570-7100	10mm	130mm (5")	27.27

DRILL BITS

FULLER BRAD POINT DRILLS



High Speed Steel brad point drill for clean holes in wood, plastic and sheet metal.

Code	Dia.	Overall Length	List/ea
281-5MM	5mm	3-3/8"	\$ 13.44
281-6MM	6mm	3-21/32"	15.95
281-7MM	7mm	4-9/32"	20.95
251-316	3/16"	3-1/2"	11.07
251-14	1/4"	4"	15.12

FULLER STANDARD TWIST DRILLS



High-quality, U.S. made, high speed steel twist drills; for drilling wood, plastic, and metal.

Code	Size	Flute Length	Overall Length	List/ea
151-116	1/16"	7/8"	1-7/8"	\$ 2.79
151-564	5/64"	1"	2"	2.82
151-332	3/32"	1-1/4"	2-1/4"	3.00
151-764	7/64"	1-1/2"	2-5/8"	2.80
151-18	1/8"	1-5/8"	2-3/4"	3.36
151-964	9/64"	1-3/4"	2-7/8"	3.21
151-532	5/32"	2"	3-1/8"	3.32
151-1164	11/64"	2-1/8"	3-1/4"	3.53
151-316	3/16"	2-5/16"	3-1/2"	5.56
151-732	7/32"	2-1/2"	3-3/4"	5.19
151-14	1/4"	2-3/4"	4"	5.18
151-516	5/16"	3-3/16"	4-1/2"	8.83
151-38	3/8"	3-5/8"	5"	12.48
151-12	1/2"	4-1/2"	6"	20.30
151-1564	15/64"	2-5/8"	3-7/8"	5.94

(For use with undermount drilling jigs (V6JIG))

DRILL STOPS

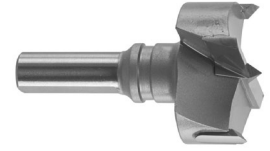
For above drills



Code	Description	List/ea
106-5MM	Drill stop for 5mm brad pt	\$ 6.48
106-6MM	Drill stop for 6mm brad pt	6.54
106-1564	Drill stop for 151-1564	5.99

BOSCH CARBIDE TIPPED BORING BITS

Industrial Carbide Tipped.
Shank Size: 10mm x 20mm.

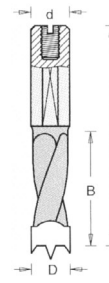


Overall Length: 57mm. With adjustable top screw.

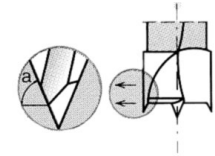
Code	Hand	Dia.	List/ea
T15040	RH	40mm	\$ 50.16

AMANA BRAD POINT BORING BIT

Positive ground spurs for rapid easy boring into hardwoods. Ideal for hinge boring machines and line boring machines that may have limited power, or bore mostly hardwood.



L = 57mm long,
(d) 10mm x
(B) 27mm shank



RH	LH	D	List/ea
201005	301005	5mm	\$ 19.75
201008	301008	8mm	27.60

BOSCH TWIST HINGE BORING BIT



Shank: 10 x 26mm with adjustable top screw

Boring bits for multi-spindle machines. Use on most automatic & semi-automatic boring machines. Fits almost any European boring machines.

Max. Boring Depth: 36mm. Shank: 10 x 26mm.
Overall Length: 57mm. With adjustable top screw.
Positive grind for hardwoods.

Code	Hand	Dia.	List/ea
T15015	LH	5mm	\$ 19.51
T15018	LH	8mm	25.41
T15008	RH	8mm	25.42

**DRILL BITS****CMT CARBIDE TIPPED BORING BITS**

"Fatigue proof" Swiss steel body, micrograin carbide tips, bake-on non-stick coating and honed edges. Made in Italy. Negative ground spurs on boring bits give clean cuts in melamine without chipping.

2 FLUTE DOWEL DRILL

CMT



Size	RH	LH	Length	List
5mm	310.050.11	310.050.12	57.5mm	\$ 16.00
8mm	310.080.11	310.080.12	57.5mm	21.12
10mm	310.100.11	310.100.12	57.5mm	26.21
5mm	311.050.11	311.050.12	70mm	19.77
8mm	311.080.11	311.080.12	70mm	18.70

2 FLUTE DOWEL DRILL FOR THROUGH HOLES

CMT

Overall
Length: 70mm



Size	RH	LH	List
5mm	314.050.11	314.050.12	\$ 27.08
7mm	314.070.11	314.070.12	28.54

HINGE BORING BIT

CMT

Overall
Length: 57.5mm



Size	RH	List
15mm	317.150.11	\$ 44.00
20mm	317.200.11	45.53
25mm	317.250.11	49.13
26mm	317.260.11	47.66
35mm	317.350.11	42.08
40mm	317.400.11	64.41

CMT FORSTNER BIT WITH PARALLEL SHANK

Overall Length: 90mm,
High Speed Steel.
Right Hand.
For drill press.



Size	RH	List
35mm	537.350.31	\$ 22.07

FLUSHMOUNT DRILL BIT SYSTEM

Fastcap



Incorporates a unique ball bearing stop collar that controls the recess depth of the drill and allows the stop collar to stop spinning when it comes in contact with the surface. Includes a 9/16" carbide cutter.

Features

- Includes a 9/16" carbide cutter
- Micro depth adjustment
- Adjustable 1/8" pilot bit

Great For

- Countersinking Fastcaps
- Countersink Powerhead screws
- Recessing magnets



Code	Description	List/ea
FC-DB-MICRO	Flushmount Drill Bit System w/ 9/16" cutter	\$ 82.99

CMT FORMULA 2050 - BLADE AND BIT CLEANER

Environmentally friendly and safe. Non-toxic, non-flammable and certified biodegradeable, it penetrates the microscopic cracks in the resin. The resin releases its grip and you simply wipe it off.

Keeps tools clean and increases their lifespan. Use on all woodworking cutting tools: i.e. sawblades, router bits, drill bits, shaper cutters, planer blades, etc.



18 oz.
spray bottle

Code	Description	Ctn	List/ea
998.001.01	18 oz. spray bottle	12 ea.	\$ 14.49



COUNTERBORES

FACE FRAME COUNTERBORE

Amana



Precision ground carbide-tipped counterbore for splinter-free cutting. Non-slip surface treatment for positive clamping. Wide web design for superior strength and replaceable HSS fishtail drills. Will fit Ritter faceframe machines.

Code	Dia	Shank	OA Length	List/ea
424000	3/8"	3/8"	4-1/2"	\$ 56.20

REPLACEMENT BIT FOR COUNTERBORES



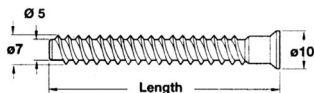
High speed steel replacement bit for above face frame counterbores. #29 fishtail point. 2-7/8" Overall Length. Sold per each.

Code	Dia	OA Length	List/ea
424004	.136	2-7/8"	\$ 11.48

STEP DRILL FOR CONNECTING SCREWS

Quickscrews

Drills 3 different diameters in one operation: 5mm, 7mm, 10mm.



(connecting screw)



Overall Length: 5-3/4"

Code	Description	List/ea
12793P	High Speed Steel	\$ 97.16

AMANA HEX SHANK DRILLS



RTA Furniture Drill/Countersink with Quick Release. 1/4 Hex Shank for 7mm Screw. Used for drilling pilot hole, clearance hole and countersinking. Cutting height 19mm.

Code	Dia	Shank	OA Length	List/ea
55292	5mm	1/4"	62mm	\$ 35.82

FULLER HEX SHANK DRILLS

Taper Point



1/4" Hex Drive Shank

Hex shank fits Apex or Quickscrews bit holders. Change from screwdriver bits to drill bits and back with ease. High Speed Steel.

Code	Drill Dia.	Wood		Overall Length	List/ea
		Screw Size	Flute Length		
40125	1/8"	5	1-5/8"	3-1/2"	\$ 11.13
40140	9/64"	6	1-3/4"	3-5/8"	12.99
20140171	11/64"	8	2-1/8"	3-15/16"	15.11
40203	13/64"	10	2-7/16"	4-3/8"	16.25



FULLER COUNTERSINKS

FULLER TYPE "C" COUNTERSINKS

With 82° Angle

To cut woods and plastics for heads of wood screws. Drills, counter-sinks and counter-bores in one quick operation. Makes driving screws easier and assures the best possible holding power. Designed for clean cutting and hardened for long wear. Countersink on bottom-right shown mounted on a Taper Point Drill with a Stop Collar. The Countersinks can also be mounted on ordinary straight twist drills allowing the screw thread to cut its own hole or by using correct pilot drill size for root diameter of thread allowing shank of screw to force its way into the wood.

The countersink is held in place with two hex-socket screws and is easily adjustable up and down so **ONLY ONE COUNTERSINK AND ONE LENGTH OF DRILL IS REQUIRED FOR ANY LENGTH OF WOOD SCREW.**

Overall length of countersink: 7/8". Stop Collar can be furnished to control depth of cut. To cut wood plug to fit in hole over head of screw, use matching Plug Cutter (see page 2012).

FULLER TAPER POINT DRILLS

High Speed Steel



To cut wood and plastics in one operation for the thread and shank of wood screws. Hold their sharp cutting edges longer. Recommended for most jobs whether in a drill press or in hand-held equipment. They cut well in both hard and soft wood.

<u>Code</u>	<u>Screw Size</u>	<u>Cutting Dia.</u>	<u>Overall Length</u>	<u>List/ea</u>
TD-5	#5	1/8"	2-3/4"	\$ 9.76
TD-6	#6	9/64"	2-7/8"	12.04
TD-7	#7	5/32"	3-1/8"	8.67
TD-8	#8	11/64"	3-1/4"	9.77
TD-9	#9	3/16"	3-1/2"	10.80
TD-10	#10	13/64"	3-5/8"	10.56
TD-12	#12	7/32"	3-3/4"	10.26
TD-SET	Set of 7 includes 1/8" through 7/32"			\$ 61.21

FULLER TYPE "C" COUNTERSINKS



<u>Code</u>	<u>Cutting Dia.</u>	<u>Drill Hole Size</u>	<u>Screw Size</u>	<u>List/ea</u>
CS5	3/8"	1/8"	#5	\$ 11.81
CS6	3/8"	9/64"	#6	11.80
CS7	3/8"	5/32"	#7	11.97
CS8	3/8"	11/64"	#8	11.80
CS9	3/8"	3/16"	#9	12.87
CS10	7/16"	13/64"	#10	13.18
CS12	1/2"	7/32"	#12	13.22

FULLER STOP COLLARS



Designed to be used with Fuller Countersinks and Counterbores. These steel collars are held solidly in place with two set screws, to control depth of counterbores. The inside diameter of the stop collar fits the outside diameter of the Countersink or Counterbore.

<u>Code</u>	<u>Size</u>	<u>List/ea</u>
SC38	3/8" Ins. Diameter	\$ 4.90
SC-SET	Set of 7 includes (1) 1/2", (1) 7/16" and (5) 3/8" Ins. Diameter stop collars	34.51

Taper Point Drill shown here with Countersink and Stop Collar



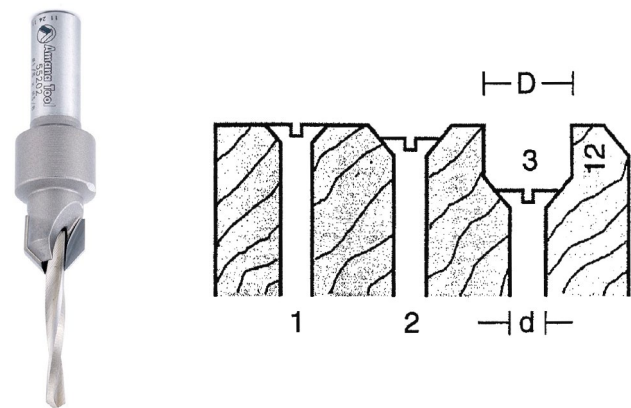
--- Countersink
--- Stop Collar

--- Taper Point Drill

COUNTERSINKS

AMANA COUNTERSINKS - CARBIDE TIPPED

2-Wing for Wood Screws
Maximum 3/8" depth of cut



	Suggested	Accepts	'D'	
	Wood	*Drill	Countersink	
Tool No.	Screw Size	Dia.	Dia.	List
55202	#6	1/8	3/8	\$ 42.11
55204	#6	9/64	25/64	42.01
55208	#8-#9	11/64	13/32	45.60
55210	#10	3/16	13/32	46.91

Replacement set screws
(2 required) No. 67092.



Drill bits included with
each size.

Note: 5/16" shank on tools 55200
through 55208.

HOLE SAWS



LENOX VARIABLE PITCH
HOLE SAWS



To cut wood, plastic and metal. The variable pitch can reduce labor and costs, and its faster cutting and longer life outlasts 6 pitch saws in most applications. High speed steel M3 cutting edge with varying tooth sets and gullet depths. 4-6 teeth per inch.

Code	Size	List/ea
HS134	1-3/4"	\$ 23.34
HS2	2"	22.64
HS218	2-1/8"	25.87
HS238	2-3/8"	25.90
HS214	2-1/4"	24.31
HS212	2-1/2"	29.48
HS234	2-3/4"	28.18
HS418	4-1/8"	47.91

HOLE SAW ARBORS AND PILOT DRILLS

High Speed Steel



58-09
3/8" Hex Shank



58-08
3/8" Hex Shank
w/2 pins

Code	Fits Sizes:	List/ea
58-09	9/16" thru 1-3/16"	\$ 21.76
58-08	1-1/4" thru 6"	36.88

**SCREWDRIVER BITS**

X - Prefix for extra hardness bits to be used for driving sheet metal or case hardened screws.

I - Prefix for intermediate hardness bits to be used for driving heat-treated screws and for impact use.



1" Standard Length



Long Length

FOR PHILLIPS SCREWS - 1/4" Hex Insert**440 Series**

Code	Pt. Size	O.A. Length	List/ea
I440-1	1	1"	\$ 1.30
X440-1	1	1"	1.43
QS440-2-I	2	1"	2.31
X440-2	2	1"	1.74
I440-3	3	1"	2.90
X440-3	3	1"	1.64
I440-22	2	2"	5.71
X440-22	2	2"	3.04
X440-23	2	3"	6.27
X440-215	2	2-1/2"	2.41

FOR POZI DRIVE SCREWS**1/4" Hex Insert, 440 Series**

11769	2	1"	\$.82
X440-3-PZD	3	1"	3.05
QS440-3-PZD	3	1"	1.87

**FOR PHILLIPS SCREWS****1/4" Hex Shank, 446 Series**

I446-2	2	1"	\$ 1.83
X446-1	1	1"	1.61
X446-2	2	1"	1.71
QS446-2-I	2	1"	2.17
11759	2	1"	.86
11760	2	1"	1.23

**FOR PHILLIPS SCREWS****5/16" Hex Shank****480 Series**

I480-2	2	1-1/4"	\$ 4.50
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**SQUARE DRIVE BITS**

1/4" Hex Insert



1/4" Hex Power Drive

Code	Description	Ctn	List/ea
11774	1" Square Dr, #1	10	\$.58
11778	1" Square Dr, #2	10	1.41
QS954-2-I	1-15/16" Square Dr, #2	10	3.93
QS954B-2-I	3-1/2" Square Dr, #2	10	7.57

FOR PHILLIPS SCREWS**1/4" Hex Power Drive****QS492-I**

Phillips Power Magnetic
Impact Drive Bit

11905

Phillips Power Bit. Use
to drive Phillips screws
with # 6, 7, 8, 10

QS492B

Phillips Magnetic Power Bit.
Used to drive Phillips screws
with # 5, 6, 7, 8, 10



Code	Pt. Size	O.A. Length	List/ea
QS492-I	2	1-15/16"	\$ 1.63
11905	2	1-15/16"	3.27
QS492B	2	3-1/2"	5.67

Note:

When a #2 bit is needed we recommend the #2 446 Apex series for #5, #6 and short to medium #8 screws (this bit is also known as a #2 recess bit). The 446 series is commonly used to mount drawer slides, face frame plates, and Amerock style hinges.

The #2 440 Apex series is recommended for driving #8 and #10 screws (the 440 will fit smaller screws too, it just performs best on larger screw heads).



BITS

MAGNETIC POWER BITS

Quickscrews



6" Power Bit, Phillips or Square Drive. Fits standard bit holder. Can be used with the TSM10 Castle Pocket Boring Machine. Drive face frame screws easily at low angles.

Pack: 10 ea.

<u>Code</u>	<u>Description</u>	<u>List/ea</u>
12694	6" Phillips Drive #2	\$ 6.22
12698	6" Square Drive #2	5.91

SCREWDRIVER BIT

Square/Phillips Drive Combo Head



The 13113 combo head screwdriver bit has both Square drive and Phillips drive "teeth." This makes it a fine bit to use with the Quadrex white screws as well as the Spax screws. Fills both the Square drive and Phillip's recess of a Spax screw for max driving power.

<u>Code</u>	<u>Description</u>	<u>List</u>
13113	Combo Head Bit	\$ 3.99

BIT HOLDERS

MAGNETIC BIT HOLDER



11794 or M490

Use With 1/4" Hex Insert Bit. Body Dia: 1/4"

<u>Code</u>	<u>Manufacturer</u>	<u>Overall Length</u>	<u>Pack</u>	<u>List/ea</u>
11794	Quickscrews	2-7/8"	1 ea.	\$ 9.88
M490	Apex	3"	1	28.50



QUICK RELEASE

MAGNETIC BIT HOLDER

Quickscrews



14203

Stainless Steel Magnetic Bit Holder use with any type insert bit works in any standard drill chuck - Quick Release & Super Magnetic. 1/4" x 3".

<u>Code</u>	<u>Description</u>	<u>List/ea</u>
14203	Quick Release Bit Holder	\$ 31.63

VIX BITS

VIX BITS



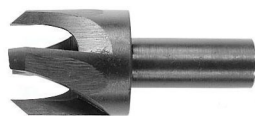
For speedy accurate drilling. Vix Bit is self-centering. It saves hours of time in accurately drilling holes for hinges, door butts, window pulls, door latch bolts & all hardware using screws. Precision built, it drills wood, metal, plastics, etc. Hardened drill guide. Adjustable for depth. Fully guaranteed.

Code	Description	Ctn	List/ea
5VI	7/64", Hex Drive	10 ea.	\$ 18.37
9VI	9/64", Hex Drive	10	19.14
12VI	11/64"	10	61.16
5MM-VI	5mm	10	51.91
14VI	1/4"	1	56.74

Replacement Bits

Code	Size	Ctn	List/ea
DRILL BIT-5	7/64"	10 ea.	\$ 4.02
DRILL BIT-9	9/64"	10	4.18
DRILL BIT-12	11/64"	10	7.44
DRILL BIT-5MM	5mm	10	8.13

FULLER STANDARD PLUG CUTTERS



Designed for clean cutting and hardened for long life. These four-bladed Plug Cutters do not eject the plugs - they remain in the board and can be broken out with a screwdriver, or the board can be sawed to free the plug. The tool cuts fast and makes a smooth-chamfered plug for easy starting in the counterbored hole.

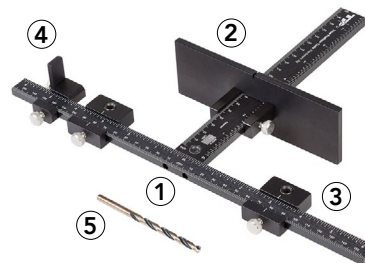
Code	Plug Dia.	Max. Length	Shank Dia.	List/ea
PC38	3/8"	1/2"	3/8"	\$ 24.42
PC716	7/16"	1/2"	3/8"	24.37
PC12	1/2"	1/2"	3/8"	28.61
PC-SET	Set of all three on a Labeled Block			\$ 72.37

DRILL JIGS

TP-1934 DRILL GUIDE SET FOR KNOBS/PULLS

Built for speed, the TP-1934 Cabinet Hardware Jig installs knobs and handles on doors and drawers. Saves tedious hours of measuring, clamping or making jigs.

- For knobs or pulls up to 12" C/C
- Case hardened steel bushings
- Reversible for LH or RH doors
- Versatile - measures for Euro hinge plates and shelf pin holes, too



Includes:

- 1) 12" T-Square w/ Center Bushing
 - 2) Large Stop
 - 3) 2x Sliding Drill Guides
 - 4) Sliding End Stop
 - 5) 5mm Drill Bit
- Carrying Case

TP-1934

Extension Set - TP-2312-NC

Extension Set for TP-1934 Jig. Allows up to 38" C/C (960mm) handles and stop for drawer fronts up to 42". Doubles as a portable 32mm shelf pin jig. Reversible.

Includes:

- 1) TP-ERA 17-1/2" Extended Ruler
- 2) Double Bracket
- 3) 2x line bore Extension Bars for up to 36" of 32mm line drilling
- 4) 5mm Drill Bit w/ stop collar



Extended Ruler Attachment - TP-ERA

Eliminates the need to center your cabinet hardware jig on every drawer front. Allows up to 38" C/C (960mm) handles and stop for drawer fronts up to 42".

Includes:

17-1/2" ruler w/ 2 sided print, bracket for T-square connection and 2 extra thumbscrews.



Code	Description	List/ea
TP-1934	Hardware Jig	\$ 385.68
TP-2312-NC	Extension Set	265.00
TP-ERA	Ext. Ruler Attachment	100.00



JOINING TOOLS

LAMELLO JOINING BISCUITS

Beech



Oval jointing plates fit easily into slot & allow adjustment for perfect alignments without jigs. Dampness of glue swells plate to great strength. Made of compressed beech. Will join panels to 3/8" thick.

Sold in full cartons only.

<u>Code</u>	<u>Size</u>	<u>Ctn</u>	<u>List/M</u>
0LA	1-3/4" Plate	1000	\$ 89.40
10LA	2-1/8" Plate	1000	89.40
20LA	2-1/2" Plate	1000	92.98

LAMELLO PLATE JOINING TOOL - Special Order

Classic X

List \$



Special Order

A versatile biscuit joiner, Classic X installs 15 different Lamello joining elements, and it offers four additional applications besides biscuit and connector joining:

- Cutting of grooves for tongue and groove connections
- Cut expansion gaps for wood ceilings and floors
- Wood repairing of resin pockets and small defects
- Trimming of solid wood or plastic edges

Features:

- Powerful 780 watt motor
- Flush-sided swiveling front with notches at angles 22.5, 45 and 67.5 degrees
- Quick adjustment for 6 cutting depths
- Groove cutter with 6 alternating teeth
- Height adjustable flush-sided front stop square
- Anti-slip pads
- Central locking for quick change of cutter

PLATE JOINER KIT

Model **557PC**

List \$ 522.82



- 7.5 Amps, 120 VAC
- Fence tilts from 0° to 135° with positive adjustable stop at 90°
- Precise micro height-adjustment knob for perfect placement of biscuits
- Includes both 2" and 4" diameter blades for standard and face-frame biscuits
- Lock-on trigger
- Seven position rotating depth-stop for FF, #0, #10, #20, Simplex, Duplex and Max (#6) biscuits
- Spindle lock for easy blade changes
- Includes plate joiner #557, 2" blade #5559, 4" blade #5558, centering plate #888776, spanner wrench #886041, dust bag #883175, chip deflector #886490, and operating manual

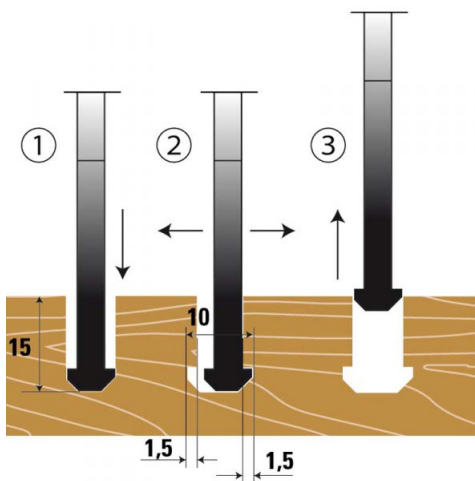
**ZETA P2****ZETA P2 FOR BISCUITS AND RTA FITTINGS****Zeta P2**
101402S

The Zeta P2 machine for the evolving P-System saves you time everyday! The P-System depth adjuster allows you to easily choose between five P-System depths. The cutter plunges into the preset depth, then follows a vertical movement up and down for the profile cut called the VMD Vertical Mechanical Drive, which can be simply switched off so that the Zeta P2 can be used as a standard biscuit joiner (Standard cutter is sold separately - #132000).

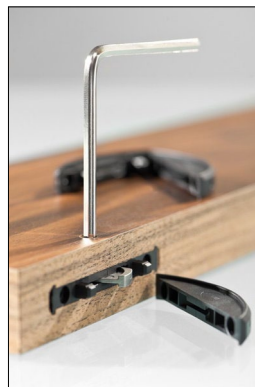
The vertical mechanical drive (VMD) is the core of the machine and the key to the Clamex P-14 and Clamex Medius connector system. Model 101402S comes with a carbide tipped profile groove cutter. Comes in a Systainer box.

- P-System Depths - Depth 14 is for Clamex P-14 and Tenso P-14, Depth 10 for Clamex P Medius
- Swivelling front stop and stop square are flush on both sides
- Large fence surfaces
- 800 watt motor with electronic control
- Rotating depth adjuster with 6 standard stops
- Base plate and fence is flush for side reference for fast positioning on edge of the work piece
- Pivoting trigger to switch off the VMD function to use as a standard biscuit joiner (please note that the standard cutter is sold separately)
- The quickest and most economical way to install knock down fittings

<u>Code</u>	<u>Net</u>
101402S	\$ 1596.50



Vertical Mechanical Drive:
Cuts vertical movement into plunge cut allowing installation of Clamex connectors



Slide Connectors into pre-cut slot, match up panels with built-in alignment tabs, lock cam lever by a turn of hex key.

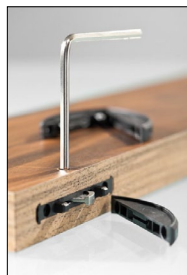
Joins any miter angle without glue or screws to create RTA (ready to assemble) connections.

Connectors and accessories sold separately - see next pages.



See video at macpac1.com/videos#lamello

See Micro Depth Adjustment for Lamello Zeta P2 video at MacMurrayPacific.com/videos#lamello2

**Lamello****ZETA P2** *continued***P2 SYSTEM CONNECTORS****Clamex P**

The Detachable, Eccentric Cam Connector slides into place--No Tools Required

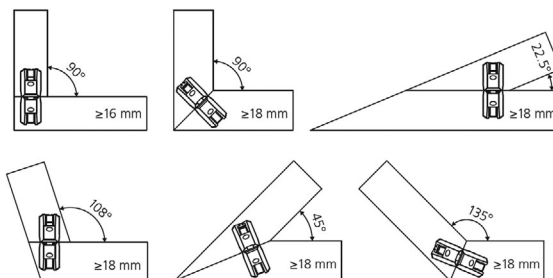


- Fits into T-groove slot made with a Zeta P2 machine: Simply slide connectors in pre-cut slot, match up panels with built in alignment tabs, lock cam lever by a turn of a hex key.
- Joins any miter angle without glue or screws to create nearly invisible Ready To Assemble (RTA) connections.

Clamex P-14 - For Panels from 16mm

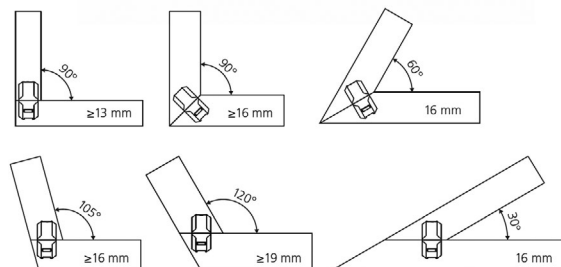
66 x 28 x 9.7mm

Code	Box	Net/Bx
145334	80 pr	\$ 135.20
145346	300 pr	458.35
145356	1000 pr	1364.75

**Clamex P-10 - For Panels from 13mm**

52 x 19 x 9.7mm

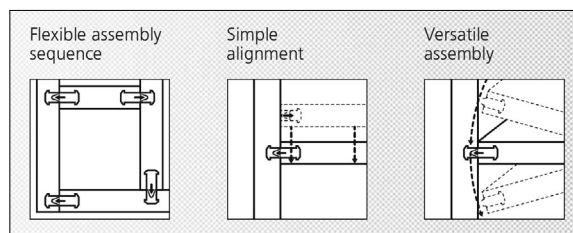
Code	Box	Net/Bx
145372	80 pr	\$ 135.01
145373	300 pr	445.00
145374	1000 pr	1325.00

**Clamex Flexus P-14**

Detachable furniture connector like the Clamex P-14 above, but with flexible positioning pins.



- Flexible assembly sequence – Flexible positioning pins allow freely selectable assembly sequence
- Simple alignment – Pins align the workpiece and keep it in position
- Versatile assembly – Bevelled and movable positioning pins enable the tilting of the workpiece in both directions
- Installation of fixed shelves – Fixed shelves or vertical separators can be installed in an assembled cabinet unit
- Compatible with all Clamex P connector halves without levers – P-14 without lever, P-10 without lever and P-10 Medius without lever



Code	Box	Net/Bx
145315	80 pr	\$ 135.01
145316	300 pr	458.35

ZETA P2



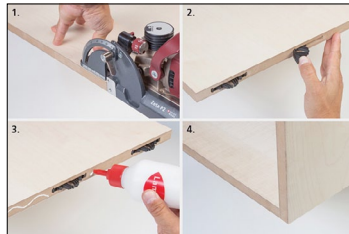
ZETA P2 continued **P2 SYSTEM CONNECTORS**

Tenso P

Glue Faster: Invisible
 Self-Clamping Glue Aid



A self-clamping fitting with three functions: alignment, clamping and connecting. The high clamping force allows work pieces to be glued without clamps or pressure. Anchors the work piece in just seconds, without tools.



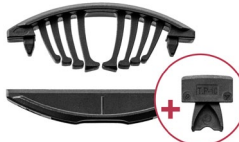
Tenso P-14 - For Panels from 13mm 66 x 28 x 9.7mm

Code	Box	Net/Bx
145415	80 pr	\$ 77.25
145425	300 pr	265.21



Tenso P-10 - For Panels from 12mm 52 x 19 x 9.7mm - Includes Preload clip

Code	Box	Net/Bx
145418	80 pr	\$ 95.00
145438	1000 pr	910.01



Preload Tool

Tenso P-10/14 Expansion Clip
 Assembly Device.

#145400 Net \$ 7.00/ea



Preload Clips

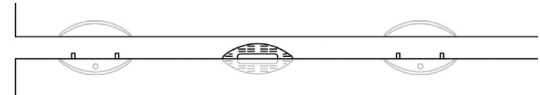
Allows the Tenso P-14 to be preloaded by hand in a simple process before glue is applied. 300/Bx, sold per box.

#145426 Net \$ 57.20/bx

ZETA P2 continued **P2 SYSTEM CONNECTORS**

Bisco P

Alignment aid for Clamex & Tenso P-10 & P-14



An alignment element that is part of the Clamex P system. It is easily installed using the Zeta P2 or CNC as it fits easily into the P-system groove without changing the cutter. Bisco P is 7mm thick, made of thick plastic and used in combination with Clamex P. The element is not only used for alignment of panels but can be used for glueing, and increasing shear strength.

Bisco P-14

65 x 27 x 7mm

Code	Box	Net/Bx
145301	80 ea	\$ 40.18
145302	300 ea	105.00



7mm thickness

Bisco P-10

52 x 19 x 7mm

Code	Box	Net/Bx
145304	80 ea	\$ 42.00

P-SYSTEM PROFESSIONAL CONNECTOR SET

Lamello #145312

Contains P-System connectors in all sizes and includes assembly tools for the Clamex and Divario.

Includes:

- 120 prs Clamex P-14
- 30 prs Clamex P-14/10 Flexus
- 30 prs Clamex P-10
- 80 pairs Tenso P-14 incl. clip
- 30 pairs Tenso P-10 incl. clip
- 20 pcs Bisco P-14
- 20 pcs Bisco P-10
- 80 pairs Divario P-18
- Divario Installation Tool/Drill/Marking Gauge
- Clamex P Installation Tool



Special Order Only.
 Call for Current Pricing.

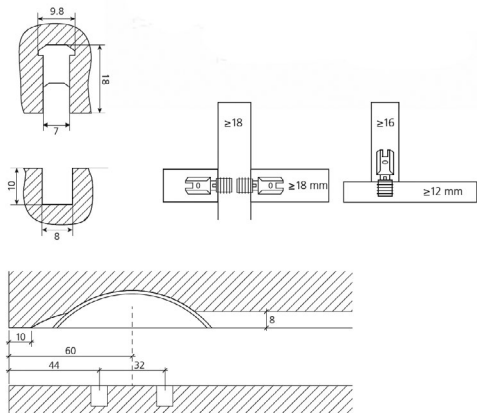
**ZETA P2 continued**
P2 SYSTEM CONNECTORS**Divario P-18**

Self-clamping, invisible fitting for slide insertion. 65 x 16 x 9.7mm

Code	Box	Net/Bx
145550	80 pr	\$ 95.40
145560	300 pr	329.61



- Completely invisible joint
- Joins & clamps during insertion for perfectly closed joints
- Narrow element for the use in shelves from 19mm
- No resistance while inserting until shortly before building the clamping force
- Insertion of shelves after transport for lower transport weight
- Divario installation tool # 125500 sold separately (required for fixing the Divario in the workpiece)

**Installation Tool**

Divario P-18 Installation Tool (Required for fixing the Divario in the workpiece).

#125500 Net \$ 89.00/ea

**Marking Jig Kit**

Including drill with centering point and rotatable depth adjuster for manual, precise drilling of Divario drill holes.

#125510 Net \$ 145.60/st

ZETA P2 continued
ACCESSORIES**Carbide Cutters**

Clamex P Carbide Cutter. Replacement T-Groove cutter for Zeta P2. 100 x 7 x 22mm.

#132141 Net \$ 149.80/ea



This 6 Tooth Carbide Cutter is the blade to use for the Zeta P2 when you want to use it as a cutter for standard biscuits (20LA).

#132000 Net \$ 139.70/ea



P-System groove cutter, DP (diamond) for Zeta. Produce grooves more effectively and faster - good for up to 10,000 to 15,000 slots. 100x7x22mm.

#132140 Net \$ 225.00/ea



4mm Hex Key for all Clamex connectors.

#271945 Net \$ 1.26/ea



P-Mounting Fitting Tool, Flexible Hex Key. 4mm x 30mm Hexagonal Screwdriver, 290mm Length, for all angles, fast and flexible.

#251993 Net \$ 45.00/ea

FESTOOL

DOMINO JOINERS

Domino DF 500 Q Mortise and Tenon Joiner Set

Domino Joiner DF 500 Q Set (including trim stop and cross stop) for fast, easy and strong mortise and tenon joining.

- Unique, patented cutting action that rotates and oscillates to create perfect, clean, and repeatable mortises every time.
- Mortise width adjustment with the turn of a dial allows for easier alignment when joining panels.
- Pivoting Fence allows you to create angled mortises from 0-90° with positive stops at 22.5°, 45°, 67.5°.
- Indexing pins for quick alignment against the edge of the workpiece for accurate placement.



DOMINO DF 500 Q

Includes:

- DOMINO cutter D 5
- Support bracket
- Wrench
- Plug-it cord
- Systainer
- Trim stop
- Cross stop

Code	Price
576423	\$ 1199

Beech Domino Tenons

Large and Small cartons available



Code	Thick x Width x Length	Ctn Qty	Ctn
495661	4mm x 17mm x 20mm	450	\$ 31
493296	5mm x 19mm x 30mm	1800	119
493297	6mm x 20mm x 40mm	1140	119
493298	8mm x 22mm x 40mm	780	119
493299	8mm x 22mm x 50mm	600	119
493300	10mm x 24mm x 50mm	510	119
494938	5mm x 19mm x 30mm	300	31
494939	6mm x 20mm x 40mm	190	31
494940	8mm x 22mm x 40mm	130	31
494941	8mm x 22mm x 50mm	100	31
494942	10mm x 24mm x 50mm	85	31

Beech Stock Tenons

Made to be cut-to-length



498686	8mm x 750mm	36	\$ 92
498687	10mm x 750mm	28	92

Beech Domino Tenon Assortment

Assortment includes 5 Cutters, Domino Assortment Systainer, and 1060 tenons.

Tenon assortment:

4 x 20mm (450), 5 x 30mm (225), 6 x 40mm (150), 8 x 40mm (100), 8 x 50mm (75), 10 x 50mm (60)

Cutter assortment:

D4mm (1), D5mm (1), D6mm (1), D8mm (1), D10mm (1)

Code	Price/Asst
576794	\$ 395



Sipo Wood Domino Tenons

For Outdoor Applications.

Made from African Mahogany.

Resistant to moisture, decay, fungus and termites.

Large and Small cartons available.



Code	Thick x Width x Length	Ctn Qty	Ctn
494859	5mm x 19mm x 30mm	900	\$ 139
494860	6mm x 20mm x 40mm	570	139
494861	8mm x 22mm x 40mm	390	139
494862	8mm x 22mm x 50mm	300	139
494863	10mm x 24mm x 50mm	255	139
494869	5mm x 19mm x 30mm	300	57
494870	6mm x 20mm x 40mm	190	57
494871	8mm x 22mm x 40mm	130	57
494872	8mm x 22mm x 50mm	100	57
494873	10mm x 24mm x 50mm	85	57

Sipo Stock Tenons

Made to be cut-to-length



498690	8mm x 750mm	36	\$ 139
498691	10mm x 750mm	28	139

Domino DF500 Cutters

Carbide Tipped



Code	Description	Price
495663	For 4mm Tenons	\$ 49
493490	For 5mm Tenons	53
493491	For 6mm Tenons	52
493492	For 8mm Tenons	53
493493	For 10mm Tenons	54



DOMINO JOINERS

FESTOOL

DOMINO DF 500 CONNECTOR ASSORTMENT

works with Domino DF 500 Q Joiner Set

DOMINO connectors make knock-down joinery simple and stable. Quickly and easily assemble, separate, and reassemble your work – from corner panel joints to center panel joints to joints between a series of holes. For use in materials with a min. thickness of 3/4" (18mm). Components can also be sold separately.

**Includes:**

- (90) Basic Structure Connectors
- (30) Center Panel Connectors
- (50) Dark Brown (50) Silver (50) White (50) Grey Cover Caps
- (20) Domino Tenons D 8 x 36mm
- (1) D15 drill template
- (1) D15 CE hinge location cutter
- (1) screwdriver,
- (1) Systainer box.

<u>Code</u>	<u>Price/Set</u>
576797	\$ 399



Connectors

DOMINO DF 500 CONNECTOR SET COMPONENTS

Sold individually

<u>Code</u>	<u>Description</u>	<u>Pack</u>	<u>List</u>
203165	Hinge location cutter	1	\$ 64
203166	Split Anchor	50	129
203167	Bolts w/ external/internal thrd	25	97
203168	Split Anchor	50	109
203169	Bolts w/ external/internal thrd	25	86
203171	Dark Brown cover caps	50	10
203172	Silver cover caps	50	17
203173	White cover caps	50	10
203174	Grey cover caps	50	10
203175	Beech tenons	130	20

DOMINO DF 700 CONNECTOR ASSORTMENT

works with Domino DF 700 Joiner Set

Domino fasteners work with the Domino XL (DF 700) Joiner to create flat or corner joints. Corner and flat connectors provide simple and quick connections without the need for templates or complex measuring.



- For frame and board joints; corners and flats
- Extremely quick. No template or other accessories required
- 30mm material thickness or higher
- Extremely stable, high pull-out and load forces
- Can be detached again quickly

<u>Code</u>	<u>Price/Set</u>
576795	\$ 325

Domino Connector Set Includes:



#201349

(32) Split (expansion) Anchors
For permanent placement.



#201350

(32) Anchor Bolts
For corner connections, including 64 Half-Shells.



#201351

(32) Cross Anchors
Including screws for locking Anchors or Double Bolts.



#201352

(16) Double-headed Bolts
For flat connections, including 64 Half-Shells. Can be clipped using 2 or 4 Half-Shells depending on the required alignment.



#201499

(32) Beech Domino Tenons

D14x75, exactly matched to the dimensions of the corner and flat connectors. Serves to provide alignment - in addition to the connectors.



#201498

(64) Half-Shells
For widening and pressure distribution when using Cross Anchors in materials such as particleboard or MDF. (a total of 192 in entire set)



201354



201356



201355

(32) Connector Caps
Cosmetic plastic cover cap for exposed mortise holes. Available in 3 colors: dark brown, light brown, and silver.



#271945

4mm Hex Wrench
for tightening screws



FESTOOL

Domino XL DF 700 Mortise and Tenon Joiner Set

Domino Joiner DF 700 EQ Set (including trim stop and cross stop) for fast, easy and strong mortise and tenon joining.

- Unique, patented cutting action that rotates and oscillates to create perfect, clean, and repeatable mortises every time.
- Mortise width adjustment with the turn of a dial allows for easier alignment when joining panels.
- Pivoting Fence allows you to create angled mortises from 0-90° with positive stops at 22.5°, 45°, 67.5°.
- Indexing pins for quick alignment against the edge of the workpiece for accurate placement.



DOMINO JOINERS

DOMINO XL DF 700

Includes:

- DOMINO cutter D 12
- Support bracket
- Wrench
- Plug-it cord
- Systainer
- Trim stop
- Cross stop

<u>Code</u>	<u>Price</u>
574447	\$ 1599

Beech Domino Tenons

Large and Small
cartons available



<u>Code</u>	<u>Thick x Width x Length</u>	<u>Ctn Qty</u>	<u>Ctn</u>
493298	8mm x 22mm x 40mm	780	\$ 119
493299	8mm x 22mm x 50mm	600	119
493300	10mm x 24mm x 50mm	510	119
494940	8mm x 22mm x 40mm	130	31
494941	8mm x 22mm x 50mm	100	31
494942	10mm x 24mm x 50mm	85	31
498216	12mm x 26mm x 100mm	100	72
498217	12mm x 26mm x 140mm	90	72
498218	14mm x 28mm x 100mm	80	72
498219	14mm x 28mm x 140mm	70	72

Beech Stock Tenons

Made to be cut-to-length



498686	8mm x 750mm	36	\$ 92
498687	10mm x 750mm	28	92
498688	12mm x 750mm	22	92
498689	14mm x 750mm	18	92

Sipo Stock Tenons

Made to be cut-to-length



498690	8mm x 750mm	36	\$ 139
498691	10mm x 750mm	28	139
498692	12mm x 750mm	22	139
498693	14mm x 750mm	18	139

Beech Domino Tenon Assortments

Assortment 8/10mm

Includes 2 Cutters,
Systainer, and 380 tenons.

Tenon assortment:

8 x 50mm (50), 8 x 80mm (36),
8 x 100mm (36), 10 x 50mm (80),
10 x 80mm (52), 10 x 100mm (52)

Cutter assortment:

8mm (1), 10mm (1)



<u>Code</u>	<u>Price/Asst</u>
576791	\$ 395

Assortment 12/14mm

Includes 1 Cutter,
Systainer, and 128 tenons.

Tenon assortment:

12 x 100mm (40), 12 x 140mm (40),
14 x 100mm (16), 14 x 140mm (32),

Cutter: 14mm



<u>Code</u>	<u>Price/Asst</u>
576792	\$ 349

Domino DF700 Cutters

Carbide Tipped



<u>Code</u>	<u>Description</u>	<u>Price</u>
497868	For 8mm Tenons	\$ 72
497869	For 10mm Tenons	74
497870	For 12mm Tenons	76
497871	For 14mm Tenons	81



FINISH NAILERS

SENCO

FP16XP 2-1/2" FINISH NAILER

- EZ-Clear[®] latch design allows for quick and easy jam clearing
- Tool Free Depth-of-Drive adjustment
- Push button integrated air duster
- Rotatable belt hook
- Tool Weight: 4 lbs (1.8 kgs)
- Air Consumption: 2.22 (SCFM)
- Single fire or bump fire



Code	List/ea
FP16XP	\$ 295.94

Includes:

Case, Wrenches, Tool Oil, No-Mar Pad, Swivel Plug

Drives:

16 Gauge Straight Strip
Finish Nails 3/4" - 2-1/2"
(M001002 - 7)



SENCO FINISH NAILER - FP30XP



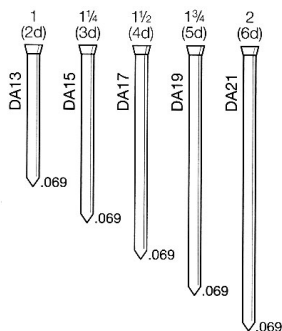
Weight: 3.8 lbs
Height: 9-5/8"
Length: 12"
Capacity: 104
Pressure: 70-120 psi

Drive range: 1" - 2"

Code	List/ea
FP30XP	\$ 521.62

Drives 15 Gauge Nails:

DA13 (1"), DA15 (1-1/4"),
DA17 (1-1/2"), DA19 (1-3/4"),
DA21 (2")



Applications: Furniture and cabinets, picture frames, construction and nailable plastic parts.

Features: Lightweight, oil-free, adjustable depth-of-drive, and belt hook adjusts to RH and LH. Case included.

FP35 FINISH NAILER

Weight: 4.65 lbs
Height: 12-1/4"
Length: 13"
Magazine Capacity: 110
Pressure: 70-120 psi

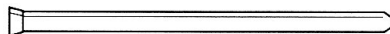
Drive range:
1-1/4" - 2-1/2"



Code	List/ea
FP35	\$ 302.29

Drives 15 Gauge Nails:

DA15 (1-1/4"), DA17 (1-1/2"), DA19 (1-3/4"), DA21 (2"),
DA23 (2-1/4"), DA25 (2-1/2")



SENCO FINISH NAILER - FP42XP



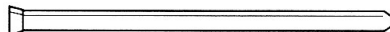
Weight: 4.7 lbs
Height: 11-1/4"
Length: 13"
Magazine Capacity: 104
Pressure: 70-120 psi

Drive range:
1-1/4" - 2-1/2"

Code	List/ea
FP42XP	\$ 447.89

Drives 15 Gauge Nails:

DA15 (1-1/4"), DA17 (1-1/2"), DA19 (1-3/4"), DA21 (2"),
DA23 (2-1/4"), DA25 (2-1/2")



Applications: Window and door casings, cabinets, furniture, woodworking, molding, paneling and picture frames.

Features: Superior power, adjustable depth-of-drive, oil-free design, no-mar pad increases visibility to help accurate nail placement, low recoil. Case included.

**SENCO****BRAD NAILERS****SENCO BRAD NAILER - SLP20XP**

Height: 8-1/4"
 Length: 9-1/2"
 Lip Length: 3/4"
 Capacity: 110
 Operating Pressure:
 70-120 psi
 Mode of Operation:
 Restrictive Trigger
 Hose Fitting: 1/4" NPT

<u>Code</u>	<u>List/ea</u>
SLP20XP	\$ 335.45

Drives 18 Gauge, slight & medium headed brads.
 Fastener range 5/8" - 1-5/8".
 Use with AY10, AY11, AY13, AX13, AX15, AX17, AX18.

Easy side loading allows you to change brad lengths without adjusting the tool. Lightweight 2.3 lbs for easy handling and maneuvering. Oil-free design. Comfort-grip handle.

SENCO BRAD NAILER FP18MG

Height: 9-3/4"
 Length: 10-1/2"
 Weight: 2.48 lbs.
 Capacity: 110

Drives 18 Gauge brads,
 5/8 to 2-1/8"

<u>Code</u>	<u>List/ea</u>
FP18MG	\$ 186.80



Durable, lightweight Magnesium body. Oil-free.
 Air Consumption: 2.4 (SCFM). Tool-free depth adjust.
 Selectable trigger. With Case, swivel plug.

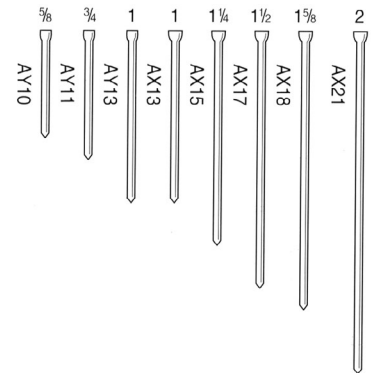
SENCO BRAD NAILER FP25XP

Height: 9.9"
 Length: 9.8"
 Weight: 2.7 lbs.
 Capacity: 110
 Operating Pressure:
 70-120 psi

<u>Code</u>	<u>List/ea</u>
FP25XP	\$ 382.56

Drives 18 Gauge, slight & medium headed brads.
 Fastener range 5/8" - 1-5/8".
 Use with AY10, AY11, AY13, AX13, AX15, AX17, AX18.

Tool-free depth adjust Oil-free design. Comfort-grip handle. On-tool Construction Ruler for making quick measurements.

18 Ga. Straight Strip Brad Nails

AX = Medium Head Brad
 AY = Slight Head Brad

Galvanized Finish

Code	Length	Qty	Boxes/	
			Case	List/bx
AY10	5/8"	5000	16	\$ 63.11
AY11	3/4"	5000	16	55.28
AY13	1"	5000	10	53.16
AX13	1"	5000	10	33.35
AX15	1-1/4"	5000	10	33.84
AX17	1-1/2"	5000	8	40.59
AX18	1-5/8"	5000	8	40.29
AX19	1-3/4"	5000	6	60.51
A202009	2"	800	5	14.57
AX21EAAN	2"	5000	6	54.54

STAPLE GUNS

SENCO

SLS20XP STAPLERS

Ultra lightweight, Quiet muffler and Oil Free design. Use on upholstery, cabinets, casebacks, insulative sheathing and lattice. Adjustable depth of drive. Tool weight: 2.5 lbs.



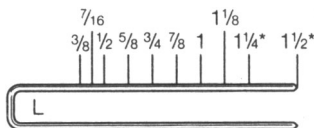
SLS18MG 1/4" CROWN STAPLER

- Ultra-lightweight for ease of use and maneuverability
- Metal cylinder for increased durability
- Re-load indicator on magazine
- Tool Weight: 2.6 lbs (1.8 kgs)
- Air Consumption: 2.4 (SCFM)



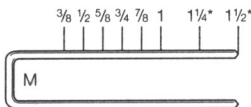
Includes: Case, Swivel Plug, Wrenches, No-Mar Pad

SLS20XP-L \$ 505.51
Crown: 1/4"
Lengths: 3/8" - 1-1/2"
Capacity: 168



L06-L17

SLS20XP-M \$ 582.75
Crown: 3/8"
Lengths: 3/8" - 1-1/2"
Capacity: 168



M06-M17

Crown: 1/4", Med. Staples
3/8" to 1-1/2" lengths

Code
SLS18MG

List/ea
\$ 208.41

SLS25XP MEDIUM DUTY STAPLERS

- Ultra-lightweight for ease of use and maneuverability
- Tool Weight: 2.67 lbs (1.21 kgs)
- Dual Action Trigger
- Oil Free design
- Quiet Muffler

Applications: Drawers, Cabinet frames, paneling, moulding/trim, pre-finished gypsum and siding.

SKSXP 1/4" CROWN STAPLER

For cabinet & furniture assembly, door & window casings, trim, moldings, aluminum and vinyl siding, roof sheathing and decking.

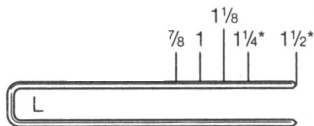
Lightweight: 2.3 lbs.
Comfort grip handle and Oil Free design.



Crown Width: 1/4",
7/8" to 1-1/2" lengths
Capacity: 145-158

Code
SKSXP

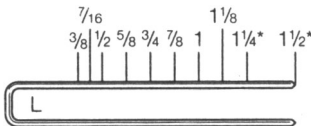
List/ea
\$ 659.93



L12-L17



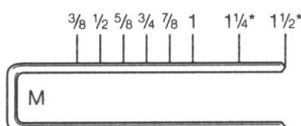
SLS25XP-L \$ 475.98
Crown: 1/4"
Lengths: 3/8" - 1-1/2"
Capacity: 168



L06-L17



SLS25XP-M \$ 483.26
Crown: 3/8"
Lengths: 3/8" - 1-1/2"
Capacity: 168



M06-M17

See Staples pg. 1803

**SENCO****NS20XP 7/16" CROWN STAPLER****NS20XP**

Crown: 7/16"
Lengths: 1 - 2"
Capacity: 160
Drives Staples:
N13 - N21



16 Ga. Fasteners
Width: .062
Thickness: .055

<u>Code</u>	<u>List/ea</u>
NS20XP	\$ 443.28

- Shoots 16 & 17 Ga. staples
- EZ-Clear latch allows for quick access to clear fasteners
- New drive track design enhances drive performance and virtually eliminates jams, skipping and misfires
- Tool Weight: 5.1 lbs (2.3 kgs)
- Air Consumption: 3.5 (SCFM)
- Pressure: 70-120 psi
- Dual Action Trigger

SENCO PARTS KITS

Carded parts kits for
Senco tools.
Pack: 1 card.



<u>Code</u>	<u>Description</u>	<u>Tool</u>	<u>List/cd</u>
EC0215	C-Driver	LS	\$ 36.77
EC0178	3/16" CSK Driver	SKS	38.95
YK0372	B-Lower Rings	SLP20	101.00
YK0376	Repair Kit	SFN1, SKS, SPS	110.65

SENCO PNEUMATIC TOOL OIL

Pack: 1 each

<u>Code</u>	<u>Size</u>	<u>List/ea</u>
PC0101	1/2 pint	\$ 6.18
PC0102	Quart	18.95

**SENCO PC1010 ELECTRIC COMPRESSOR**

1/2 HP For Finish & Trimwork

- Idea for finish and trim work
- Quiet 68 dBZ
- Light - 20 lbs.
- Heavy duty induction motor



<u>Code</u>	<u>List/ea</u>
PC1010	\$ 317.49

13" H x 14" L x 10" W
Tank Storage: 1 Gallon
Tool Weight: 20 lbs.
Current Draw/
Max AMPs: 4 amp @ 115V
Horsepower: 0.5

Pump: Oil free
SCFM at 90 psi: 0.7
Max Pressure: 125 psi
Pump up time:
128 seconds (0-125 psi)
Recovery time:
35 seconds (90-125 psi)

PC0947 COMPRESSOR / BRAD GUN KIT

Includes FP18 & PC1010

KIT INCLUDES:

- FinishPro®18 Brad Nailer
- 1 gallon electric oil-less compressor, 1/2 HP PC1010
- 1/4" x 25' coil hose
- All necessary air fittings
- Tool oil & Safety glasses
- Variety pack of 18 ga. brad nails



<u>Code</u>	<u>List/ea</u>
PC0947	\$ 388.06

SENCO GUNS

FP21LXP 2" PINNER

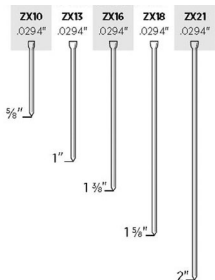
- Powerful - ensures complete drive into hard substrates
- Automatically adjusts for different fastener lengths
- Ergonomic handle for all-day comfort
- Ultra-narrow nose for tight corners
- Tool Weight: 2.7 lbs (1.2 kgs)
- Air Consumption: 1.2 (SCFM)

Includes: Case, Wrenches, Tool Oil, No-Mar Pad, Swivel Plug

Drives: 21 Gauge Straight Strip Medium Head Pins 5/8" - 2".



Code	List/ea
FP21LXP	\$ 506.73



SENCO 23 Ga. PIN NAILERS

Fasten intricate millwork, casing, and other pieces of trim without splitting or requiring any touch up work. Drives 23 Ga. A10 micro pins into dense hardwoods commonly used in various moldings.



TN11G1 \$ 495

Shoots 23 Gauge 1/2" - 1-3/8" pins

Weight: 2.41 lbs
Height: 7-13/16"
Length: 8-9/16"

Capacity: 100
Range: 1/2" - 1-3/8"



TN11L1 \$ 685

Shoots 23 Gauge 1/2" - 2" pins

Weight: 2.86 lbs
Height: 9-3/16"
Length: 8-11/16"

Capacity: 100
Range: 1/2" - 2"



Straight Strip Micro Pins

A10 1/2" - 2"

GREX PINNERS

GREX TOOLS

Headless Pinners and Pins

23 Gauge Headless Pinners

Code	Description	List/ea
P635	3/8" - 1-3/8" Pinner	\$ 372.40
P650L	3/8" - 2" Pinner w/ Lockout feature	580.00



- Pins are set 1/16" below material surface
- Magazine automatically adjusts for pin size
- Magazine angled rear cut-off allows for placement into corners
- Narrow nose design for reaching into tight areas
- No-mar rubber tip protects surfaces (two included)
- Indicator window shows when fasteners are low
- Rear exhaust w/ silencer
- Dual trigger safety system
- Quick access storage for no-mar tip and hex wrench
- Lightweight: P635 - 2.2 lbs, P650L - 2.68 lbs.

Headless Pins / Med Head Brads

P6 Series
23 gauge
Headless pins
10,000/box



GBN Series
18 gauge
Brad Nails
Medium Head
5,000/box

Code	Description	List/bx
P6/10L	3/8" Headless Pins	\$ 19.87
P6/12L	1/2" Headless Pins	19.94
P6/15L	5/8" Headless Pins	19.13
P6/20L	3/4" Headless Pins	26.40
P6/22L	7/8" Headless Pins	27.45
P6/25L	1" Headless Pins	27.50
P6/28L	1-1/8" Headless Pins	21.81
P6/30L	1-3/16" Headless Pins	33.70
P6/35L	1-3/8" Headless Pins	35.70
P6/38L	1-1/2" Headless Pins	42.26
P6/40L	1-9/16" Headless Pins	36.52
P6/45L	1-3/4" Headless Pins	38.67
P6/50L	2" Headless Pins	53.19
GBN18-15	5/8" Brad Nails	\$ 28.62
GBN18-25	1" Brad Nails	30.85
GBN18-32	1-1/4" Brad Nails	31.42
GBN18-38	1-1/2" Brad Nails	32.90
GBN18-50	2" Brad Nails	34.67

**SENCO PARTS****PLUGS & COUPLERS**

(Do not use with Industrial Interchange Design)

**1/4" PLUG,
MALE PIPE THREAD**

Plated Steel, Carded



<u>Code</u>	<u>Size</u>	<u>Card</u>	<u>List/cd</u>
1601DL	1/4"	1 ea.	\$ 9.96

**1/4" COUPLER,
MALE PIPE THREAD**

Brass, Carded



<u>Code</u>	<u>Size</u>	<u>Card</u>	<u>List/cd</u>
162DL	1/4"	1 ea.	\$ 15.98

**1/4" PLUG,
FEMALE PIPE THREAD**

Plated Steel, Carded



<u>Code</u>	<u>Size</u>	<u>Card</u>	<u>List/cd</u>
1602DL	1/4"	1 ea.	\$ 7.24

**1/4" COUPLER,
FEMALE PIPE THREAD**

Brass, Carded



<u>Code</u>	<u>Size</u>	<u>Card</u>	<u>List/cd</u>
160DL	1/4"	1 ea.	\$ 15.42

**1/4" COUPLER,
LOCKING HOSE BARB**

Brass, Carded



<u>Code</u>	<u>Size</u>	<u>Card</u>	<u>List/cd</u>
163L	1/4"	1 ea.	\$ 21.10

**1/4" COUPLER,
LOCKING HOSE BARB**

Steel, Carded



<u>Code</u>	<u>Size</u>	<u>Card</u>	<u>List/cd</u>
1606L	1/4"	1 ea.	\$ 10.50

INDUSTRIAL INTERCHANGE**PLUGS & COUPLERS**

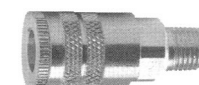
(Do not use w/Tru-Flate Design)

PLUG - Male Pipe Thread

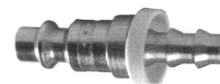
<u>Code</u>	<u>Size</u>	<u>Pk</u>	<u>List/pk</u>
PC0479	1/4"	2 ea.	\$ 5.32

**COUPLER - Male Pipe Thread**

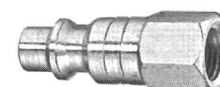
<u>Code</u>	<u>Size</u>	<u>Cd</u>	<u>List/cd</u>
PC0503	1/4"	1 ea.	\$ 12.05

**PLUG - Locking Hose Barb**

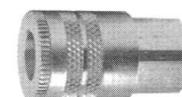
<u>Code</u>	<u>Size</u>	<u>Cd</u>	<u>List/cd</u>
PC0576	1/4"	2 ea.	\$ 5.28

**PLUG - Female Pipe Thread**

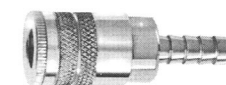
<u>Code</u>	<u>Size</u>	<u>Cd</u>	<u>List/cd</u>
PC0477	1/4"	2 ea.	\$ 5.32

**COUPLER - Female Pipe Thread**

<u>Code</u>	<u>Size</u>	<u>Pk</u>	<u>List/pk</u>
PC0501	1/4"	1 ea.	\$ 9.45

**COUPLER - Locking Hose Barb**

<u>Code</u>	<u>Size</u>	<u>Cd</u>	<u>List/cd</u>
PC0505	1/4"	1 ea.	\$ 13.24



HOSES

DYNASWIVEL AIR LINE CONNECTOR

Never Fight an Air Hose Again!

The Problem



The Solution



The Dynaswivel is a patented "universal-joint" that connects portable air tools to an air line. Swivels 360° at two pivot points allowing the air hose to drop directly to the floor while providing superb tool handling. Improves tool maneuverability, minimizes operator fatigue and extends hose life.



Thread Size: 1/4" NPT (6mm)
Air Flow Range (LPM): up to 33SCFM (9935)

Code	Description	List/ea
94300	Dynaswivel Air Hose Connector	\$ 38.73

"FLEXEEL" FLEXIBLE POLYURETHANE HOSE

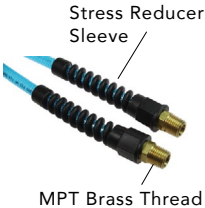
Coilhose Pneumatic



PFE40254TR
Red / 25'



PFE40504T
Blue / 50'



Transparent Polyurethane hose with dacron polyester inner braid reinforcement. Most flexible user-friendly air hose on the market. Low wear, less resistance to movement than traditional air hoses, naturally flexible, easy to coil. Extremely abrasion resistant, UV stabilized. Temperature range: 40° F to 165° F. 1/4" male pipe thread both ends.

Code	Description	List
PFE40254TR	Red, 1/4" ID x 25'	\$ 53.94
PFE40504T	Blue, 1/4" ID x 50'	92.91

FLEXCOIL® COILED HOSE

Coilhose Pneumatic

With reusable strain relief fittings

Neon Green coiled hose, 1/4" I.D. x 25', 1/4" NPT Swivel & Rigid Fittings



Great for wood shops, mobile equipment, and nailing and stapling. Polyurethane. Made in the USA.

Code	Description	List/ea
PU1425AG	Coiled Hose, 1/4" x 25' w/ fittings	\$ 66.60

HYBRID PVC AIR HOSE

Coilhose Pneumatic



YB40254Y
1/4" x 25' and 50' lengths

Code	Description	List/ea
YB40254Y	1/4" I.D, 25 feet, 1/4" NPT Male	\$ 37.13
YB40504Y	1/4" I.D, 50 feet, 1/4" NPT Male	48.96



BLOW GUNS

TYPHOON BLOW GUN

Coilhose Pneumatic

TYP2500CS



The Typhoon Blow Gun is ideal for heavy-duty clean-up and blow-off.

Meets or exceeds OSHA regulations. Variable flow trigger for controlled blow-off. Comes with a High Flow nozzle. 34 CFM @ 125 PSI, 2.1 lbs of thrust.

Has a 1/4" NPT (National Pipe Thread) in-port.

<u>Code</u>	<u>Description</u>	<u>List/ea</u>
TYP2500CS	High flow Blow Gun	\$ 44.41

TYPHOON "PRO" BLOW GUN

Coilhose Pneumatic

2501CS-TYP



All-metal design for high volume users. Chrome plating on an aluminum body resists chemicals and solvents. Easy to clean.

Variable flow control for precise air delivery. Silicone free so ideal for use in paint applications. Lightweight aluminum body with a rugged, chrome-plated brass High Flow nozzle. 34 CFM @ 125 PSI, 2.1 lbs of thrust. OSHA compliant.

<u>Code</u>	<u>Description</u>	<u>List/ea</u>
2501CS-TYP	All Metal Blow Gun	\$ 70.59

PREMIUM 600 SERIES SAFETY BLOW GUN

Coilhose Pneumatic

600P-S



A thumb-lever blowgun with a comfortable, ergonomic shape and accepts all Coilhose 1/8" tips. Conforms to OSHA standards for noise levels (1910.95) and 30 psi dead-end pressure (1910.242B). Plated finish provides easy cleaning. Tough die cast zinc body. Max Inlet Pressure: 150 psi. 1/4" NPT Inlet.

<u>Code</u>	<u>Description</u>	<u>List/ea</u>
600P-S	Safety Blow Gun	\$ 24.18



POCKET CUTTER MACHINES

CASTLE

TABLE TOP POCKET CUTTER

Special Order

TSM12



This portable manual cycle pocket cutter was designed for fast assembly of face frames and cabinet panel construction. It offers the same drilling pattern as the larger unit (TSM22).

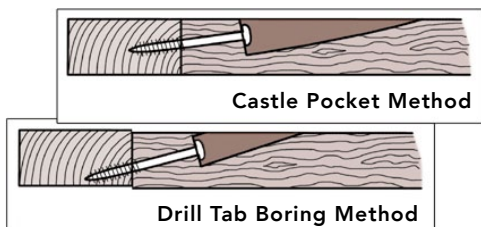
- Fast, hand-operated cycle; pockets can be done in less than 2 seconds
- Works well in high-pressure plastic laminate particle board, MDF, melamine and solid wood 1/2" to 1-1/2" thick
- Dust collection port openings for shop vac and 4" collection systems

Product Specs:

Router: Bosch 2.0hp #1617
Drill: Bosch Colt 1.0hp #PR20EVS
Router Bit: Prem 3/8" Solid Carbide, Rough Mill
Drill Bit: 9/64" Brad and Spur Premium TiN Coated Bit
Power Req: 110 VAC, 15 amps
Shipping Wt: 60 lbs.

TSM12, TSM22 and TSM35

Assemble face frames and panels with less clamping and better alignment.



Steep screw angle contributes to joint shift

The low screw angle of the Castle Pocket method reduces screw breakout and splitting which saves sanding belts and minimizes rejects.

AUTOMATIC POCKET CUTTER

Special Order



TSM22

The Castle Pocket Cutting Machine first routes a clean pocket and then drills a pilot hole from the edge to the pocket at 6°. This low screw angle produces very little shifting force, which eliminates the requirement for expensive and space consuming clamping systems. The low screw angle reduces screw breakout and splitting which saves sanding belts and minimizes rejects.

Features:

- 1.75 HP, 110 VAC, 15 amps, 85 PSI
- Fast - Automatic cycle adjustable to less than 2 seconds per cycle
- Safe - Will not cycle unless material is inserted completely
- Works well in high pressure plastic laminate, particle board, MDF, Melamine and solid wood 1/2" to 1-3/4" thick

Router: Bosch 2.0hp #1617
Router Bit: Premium 3/8" Solid Carbide, Rough Mill
Drill: Bosch Colt 1.0hp #PR20EVS
Drill Bit: 9/64" Brad and Spur Premium TiN Coated Bit
Power Req: 110 VAC, 15 amps
Air Req: 1 cfm at 85 psi
Shipping Wt: 180 lbs.



CASTLE

POCKET CUTTER MACHINES

AUTOMATIC POCKET CUTTER - Heavy Duty

Castle Tool

TSM35

Special Order

The Model TSM35 Heavy Duty Screw Pocket Cutting Machine has been designed for continuous operation in a heavy production environment. First it routes a clean pocket and then drills a pilot hole from the edge to the pocket at 6°. The low screw angle produces very little shifting. It also reduces screw break-out and splitting, which saves sanding belts and minimizes rejects.

FAST - Fast cycle time for speedy production.

SAFE - Will not cycle unless material is inserted completely.

Easy top-down access for quicker router and drill bit changes. Adjustable Indexing-Stops in top for face frame parts. Side brackets allow mounting of wing tables.

Router: 1-1/2 HP Baldor Router Motor

Router Bit: Premium 3/8" Solid Carbide, Rough Mill

Drill: Sioux Air Motor

Drill Bit: 9/64" Brad and Spur Premium TiN Coated Bit

Power Req: Three-phase 208v, 230v, 460v

Air Req: 85 psi - External Regulator, Filter and Lubricator included

Shipping Wt: 360 lbs.

CASTLE TOOL ACCESSORIES

Pilot Hole Drill Bits

B00764 - 7/64" Split Point:

Use with #7 screw for a very snug fit, requiring a driver for insertion.



List/ea \$ 18.56

B00964 - 9/64" Brad Point:

The standard bit that ships with Castle Pocket Cutters. Brad point tip tracks well in all kinds of materials, suitable for the majority of pocket cutting needs. Use #7 screw.



List/ea \$ 19.05

B01964 - 9/64" Split Point:

works in all materials, but is most useful when drilling along an extremely tough grain pattern. Use #7 screw.



List/ea \$ 22.61

B02964 - 9/64" Premium Drill Bit:

Titanium nitride (TiN) coated which is harder than carbide and provides greater edge retention and corrosion resistance. Ideal for hard woods. Use #7 screw.



List/ea \$ 26.28

B00316 - 3/16" Drill Bit:

Best used with a #8 screw in soft woods or materials such as melamine.



List/ea \$ 17.02

B00338 - Premium Carbide Router Bit:



List/ea \$ 118.75

Comes standard with all new Castle machines. Designed for both hard and soft woods, leaving a clean, splinter free pocket. Excellent for cutting MDF, Melamine, Laminates, and other composites. Lasts 3-5 times longer than other rough mills.

B00438 - 3/8" Cobalt Bit:



List/ea \$ 76.58

This High Speed Steel 4 flute bit works well routing most solid woods. The rough mill design routs a clean and splinter free pocket.

COVER CAPS

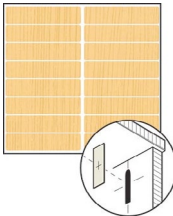
CASTLE ASSEMBLY TABLES

ADHESIVE-BACKED CASTLE COVER CAPS

Fastcap

Self-adhesive cover caps to cover holes cut by Castle Pocket Cutter machinery.

PVC colors or real wood veneer.
9/16" x 2-1/2" caps, 1/32" Thick.



Pack: 16 caps per sheet, 320 caps per box
Please order in increments of 16!

<u>PVC</u>	<u>Color</u>	<u>List/C</u>
FC-WH-CC	White	\$ 18.43
FC-BL-CC	Black	17.99
FC-NO-CC	Natural Oak	20.92
FC-HM-CC	Hard Rock Maple	23.06
<u>Real Wood</u>		
FC-MAP-CC	Maple	28.79
<u>Real Wood, Finished</u>		
FC-MP-CCF	Maple	39.10

AT RACE ASSEMBLY TABLES - All Special Order

The AT Race Assembly Table clamping arm glides smoothly on an open beam that allows face frames to extend beyond the top of the table. Redesigned quick-clamps feature dual handles and centered activation for easy clamping from either direction. The rigid steel arm constructed out of Unistrut stands up to years of use.

The open back table gives you more work area and can handle oversize frames without taking up valuable shop space. Available in 8 ft and 12 ft. lengths.



AT Race 8



Driver sold separately on each table.



AT Race 12

Features

- Rigid steel constructed Unistrut arm with (3) quick clamps
- Sturdy 4x8 and 4x12 work surfaces
- Quick clamps have dual handles and centered activation for ambidextrous use
- Ergonomically angled workshop
- Bottom rail at 32" to reduce operator fatigue
- Additional Pressure Regulator & hose for pneumatic air driver
- Shipping weight:
 - 4x8: 490 lbs. approx.
 - 4x12: 795 lbs. approx.
- Footprint:
 - 4x8: 113" x 43" x 79"
 - 4x12: 165" x 43" x 83"



HEAT GUN

HEAT GUN



Perfect for stripping paint, drying finish, drying waterbase contact cement, bending plastic, activating adhesives, softening white and yellow glue joints, and many other applications. Designed and assembled in the USA.

Cord length: 6 ft, 3-wire grounded.

- Long-life universal motor delivers 2X Plus run life
- High temp and power ratings: 1200°F / 649°C
- High air flow rating: 27 CFM at 3400 FPM
- Air intake regulator allows variable temp adjustment
- Mica insulated nozzle allows cool exterior temp
- Sturdy die cast aluminum housing
- Padded, adjustable stand can be positioned for any work angle - 90°

Rating: 120V AC, 14.5 Amp
 Watts: 1740
 Max. Temperature: 1200 °F
 Max. Air Volume: 27 CFM at ambient
 Dimensions: 10" L x 5.25" W x 9.5" H
 Weight: 3.7 lbs.

Code	Description	List/ea
HG-501D	Heat Gun	\$ 298.00

18V COMPACT 1/2" DRILL/DRIVER KIT

with (2) 1.5 Ah SlimPack Batteries



1/2" Drill with 480 In.-lbs. of torque for more power. Two-speed transmission and 20+1 clutch settings for accurate driving. Compact design, Soft-Grip handle.



Balanced, with a short head-length and a weight of only 2.80 Lbs. + battery. Keyless 1/2" chuck, built in LED and soft-grip handle. Kit includes two 18V, 1.5 Ah SlimPack batteries, an 18V charger and a carrying bag.

Code	Description	List/ea
GSR18V-190B22	18V Drill/Driver Kit	\$ 198.33

CORDLESS DRILLS

BOSCH PS31-2A 12V DRILL DRIVER

Cordless



Model	PS31-2A
Rating	12 Volt
No Load RPM	0-350/0-1.300
Max Torque	265 lbs.
Chuck capacity	3/8"
Clutch settings	20 + 1
Length	7"
Weight	2.14 lbs.



PS31-2A

- Equipped with 3/8" Single Sleeve Chuck
- LED Light - Enables use of tool in low light or dark areas
- 20 + 1 Clutch Settings - For precise torque adjustment
- Forward/Reverse Button - Equally useful at driving or removing screws
- Light weight and compact

Includes: (2) Lithium Ion 12V Max Batteries, 30 Minute Charger, Carrying Case

Code	Description	List/ea
PS31-2A	Drill Driver 12 V, 3/8"	\$ 243.65



2-TOOL COMBO KIT includes: 3/8" DRILL/DRIVER & IMPACT DRIVER

Includes:

- (1) PS31 12V Max 3/8" Drill/Driver
- (1) PS41 12V Impact Driver
- Lithium-Ion 2.0 Ah Batteries
- Power Drive Bits
- Charger, Carrying bag



Features:

- **PS31** - lightweight drill, high torque in a pocket size
- 1.8 lbs, 7" in length

- **PS41** - 12V Max impact driver offers the precision of variable speed, a light body, and a short head length
- 2600 RPM, 3100 BPM, 930 In.- Lbs. torque
- 2.13 lbs, 7.25" in length

Code	Description	List/ea
CLPK22-120	PS31/PS41 Driver Combo	\$ 281.67

LAMINATE TRIMMERS

PORTER CABLE LAMINATE TRIMMERS

PCE6430

Laminate Trimmer, 1/4"

- 4.6 lbs. weight
- 31000 RPM, 4.5 amp motor
- Precision-machined, cast-aluminum fixed base
- Extra large locking clips allow for a quick motor release and/or course depth adjustment
- Depth ring enables quick and accurate bit height adjustments
- Spindle lock button allows for single-wrench bit changes



PCE6430

Includes:

- (1) Standard fixed base
- (1) 1/4-inch collet
- (1) Collet wrench
- (1) Straight edge guide

Code	List/ea
PCE6430	\$ 238.43

PCE6435

Laminate Trimmer, 1/4"

- 5.2 lbs. weight
- 16000-35000 RPM, 5.6 amp motor
- Precision-machined, cast-aluminum fixed base
- Extra large locking clips allow for a quick motor release and/or course depth adjustment
- Depth ring enables quick and accurate bit height adjustments
- Spindle lock button allows for single-wrench bit changes



PCE6435

Includes:

- (1) Standard fixed base
- (1) 1/4-inch collet
- (1) Collet wrench
- (1) Straight edge guide

Code	List/ea
PCE6435	\$ 326.70

ROUTERS

BOSCH COMPACT 1.0 PALM ROUTER

Variable Speed



Powerful
 15.0- Amp Motor
 Produces 1.0-HP max.
 and 16,000-35,000 RPM

Fast and Precise Depth
 Adjustment System
 Allows both macro and
 micro adjustment

Rugged Aluminum
 Fixed Base
 Durable, solid and precise
 base for optimal movements



Compact Design
 Provides precision in
 tight spaces
 Unique Finger Support
 Pockets
 For additional stability,
 especially when trimming
 edges
 Versatile Bit-Changing
 System
 Fast, easy bit changes
 using two wrenches or
 spindle lock and one
 wrench

Includes:

- (1) PR20EVS Palm Router
- (1) PR001 Fixed Base
- (1) 1/4" Self-Releasing Collet Chuck
- (1) Shaft Wrench
- (1) Collet Wrench



Specifications:

Horsepower:	1.0	Fixed Base Depth
Voltage:	120V	Range: 1-3/16"
Amp Rating:	5.6 A	Base Opening: 1-9/16"
Collet Type:	1/4" SR	Height: 7-1/2"
No load RPM:	16,000 - 35,000 RPM	Weight: 3.3 lbs.

Code	Description	List/ea
PR20EVS	Compact Palm Router	\$ 192.24

**BOSCH****ROUTERS****BOSCH VARIABLE SPEED 1.25 HP PALM ROUTER****Includes:**

- (1) GKF125CE Colt 1.25 HP (Max) Variable-Speed Palm Router
- (1) PR101 Fixed Base
- (1) 1/4" Self-Releasing Collet Chuck
- (1) Collet Chuck Wrench

**Features:**

- Robust construction
- Powerful 1.25 HP (max), 7.0 Amp motor
- Precise depth adjustment
- Rugged 360° (non-split) aluminum base housing, accepts bits up to 1-5/16" wide
- Variable speed dial from 16,000 to 35,000 RPM

Code	Description	List/ea
GKF125CEN	1.25 HP Palm Router	\$ 266.67

BOSCH VARIABLE SPEED 2-1/4" HP ROUTER

Model 1617EVS
List \$ 364.47



- Exclusive Precision Centering System design; accurate, repeatable cuts at any depth setting.
- Microfine bit depth adjustment with resettable indicator ring.
- Adjustable sub-base allows precise centering for pattern work.
- Strong, lightweight all-magnesium construction.
- Precision self-extracting collet system.
- Quick templet guide change lever.

Specifications:

Power.....120VAC	Base (opening) 3-3/4", (dia) 6"
Horsepower.....2.25	Collet Capacity:
Motor Amps.....12	1/4", 3/8", 1/2", 8mm
No Load RPM...8,000-23,000	Weight.....8.3 lbs.

Includes

1/4" S. R. Collet Chuck.....	2 610 906 283
1/2" S. R. Collet Chuck.....	2 610 906 284
16mm Shaft Wrench.....	2 610 991 388
24mm Collet Nut Wrench.....	2 610 992 417
Chip Shield.....	2 610 991 389
Tool-Free Templet Guide Adapter.....	2 610 991 370

ROUTER TEMPLATE GUIDES

Porter Cable

Stocking guides. Use 42024 and 42237 with Soss Hinges.



42024 - 3/4" Guide for Lock Face Routing



42045 - 5/8" Guide for Stanley T-3 Templates



42030 - 1" Guide for Tectus Templates



42237 - Lock nut for all Template Guides



42975 - 3/8" Router Collet

Code	ID	OD	Distance past base	List/ea
42024	21/32"	3/4"	9/16"	\$ 13.35
42045	17/32"	5/8"	9/16"	12.32
42030	25/32"	1"	3/8"	32.24
42237	Template guide lock nut			7.79
42975	3/8" Router Collet			23.86

Special Order:

42027



42033



42042

Code	Description	ID	OD	Distance past base
42027	1/2" dovetailing and general routing	11/32"	7/16"	5/32"
42033	General routing	13/32"	1/2"	5/16"
42042	Hinge Butt routing	5/8"	51/64"	9/16"

ROUTERS

FESTOOL

OF 1010 REQ-F-PLUS ROUTER

Includes: 576922

- 5/16" and 1/4" collets
- Chip catcher
- Dust extraction hood
- Guide rods/stop
- Collet wrench
- Plug-it cord
- Systainer SYS3



Versatile, precise and easy to handle. Whether used on the guide rail or off, the OF 1010 R router is the ideal tool for fine routing work. Thanks to its size and low weight, it can be accurately guided along edges, lines or curves. For routing profiles, grooves, rabbets, and dovetail joints among other applications.

Power consumption..... 1010 watts/ 8.5 amps 120 V AC
 Drive Shaft speed..... 10,000 - 23,000 rpm
 Routing depth adj range..... 5/16" (8mm)
 Collet dia. range..... 1/4" and 5/16"
 Weight..... 6.61 lbs. (3 kg)

<u>Code</u>	<u>Price</u>
576922	\$ 559

PLUG-IT REPLACEMENT POWER CORDS

16 and 18 gauge

- 13 feet long
- Easily replace damaged or worn cords with the plug-it system
- By using a single cord:
 - save time switching between tools
 - minimize tangles and trip hazards
- Faster and easier to store and transport



<u>Code</u>	<u>Description</u>	<u>Price</u>
203925	16 gauge cord for use on TS55/TS75 Saws, OF1010/1400/MFK Routers	\$ 55
203923	18 gauge cord for use on Jigsaws, DF500 Domino, & Sanders	53

MFK 700 EQ EDGE ROUTER SET

Includes:

- 5/16" and 1/4" collets
- Vertical Base
- 1.5° Horizontal Base
- Dust extraction hood
- Feeler Bearing Set
- Standard threaded base for U.S. Guide Bushing
- Plug-it cord
- Systainer



<u>Code</u>	<u>Price</u>
576239	\$ 659

Power consumption..... 720 watts/ 6.0 amps 120 V AC
 Drive Shaft speed..... 10,000 - 26,000 rpm
 Column Stroke..... 9/16" (14mm)
 Max Bit dia..... 1" (26mm)
 Weight..... 4.41 lbs. (2 kg)

Precision and flexibility in a trim router. With its modular design and tool-less base changes, the MFK 700 can easily transform from a vertical to a horizontal position with a few simple steps.

Trim laminate and edge band or rout grooves for inlays easily with its light weight and maneuverability. Allows you to use bearing-less bits when used with the attachable base feeler bearing. 1/256" (1/10 mm) fine depth adjustments and exceptional dust extraction make this an ideal router for all of your light routing tasks. For greatest range of adjustment a 3/4" (19mm) bit diameter is recommended.

FESTOOL

ROUTERS

FESTOOL OF 1400 EQ-F-Plus Plunge Router

This router gives you more power in a light package, easy operation, smooth running, more routing depth, and the ultimate in dust extraction.

2-1/4 HP in under 10 lbs, takes 1/2", 3/8", 1/4" or 8mm bits to handle almost any project.

Change bits quickly with the new ratcheting collet. The new chip catcher helps you work super clean for near-total dust extraction when used with a dust extractor. 2-3/4" routing depth precise to 1/256" (1/10 mm).



576213

<u>Code</u>	<u>Price</u>
576213	\$ 699

OF 1400 Includes:

- 8mm, 1/2", 1/4" collets
- Collet wrench
- Chip catcher
- Dust extraction hood
- Guide rods
- Standard U.S. guide bushing adaptor
- Plug-it cord
- Systainer

Power consumption..... 1400 watts/
 11.7 amps 120 V AC
 Drive Shaft speed..... 10,000 - 22,500 rpm
 Quick depth adjustment range... 2-3/4" (55mm)
 Collet dia. range..... 1/4", 1/2", 8mm
 Weight..... 9.9 lbs. (4.5 kg)

Guide Stop

sold separately



Attaches
 1400 router
 to guide rail
 system

<u>Code</u>	<u>Price</u>
492601	\$ 66

FESTOOL OF 2200 EB-F-Plus Plunge Router

Festool's most powerful router. Plunges easily into 8/4 hardwoods and makes a 1/2" groove in a single pass. 2200 watts of power. Exceptional maneuverability.

Also features four position depth stop, double column clamping, tool-less inserts, dust extraction and magnetic brake.



<u>Code</u>	<u>Price</u>
576223	\$ 1099

OF 2200 EB Includes:

- 1/2" collet
- Dust hood
- Systainer
- Chip catcher
- Collet wrench
- Standard U.S. guide bushing adapter

Power consumption..... 2200 watts/ 15 amps 120 V AC
 Drive Shaft speed..... 10,000 - 22,000 rpm
 Quick depth adjustment range... 3-5/32" (80mm)
 Collet dia. range..... 1/4", 1/2", 8mm
 Weight..... 17.2 lbs.



CNC ROUTER



ORIGIN Router Handheld CNC by Shaper



Shaper Origin combines computer guided accuracy with hand-held familiarity. Cut with unparalleled precision, flexibility and efficiency.

- Digital Template Library
- On-Tool Design
- Powered Plunge & Depth Stop
- Bit Diameter Compensation
- Precision Alignment
- Automatic Retract
- Revisit Past Workspaces
- On-site Modifications

- Touch screen: Capacitive multi-touch full-color LCD
- Dust extraction port: designed for the SM-1 spindle. Fits most standard 27mm & 36mm suction hoses. Includes adaptor hose.
- WiFi & USB Connectivity

Brushed Motor Spindle

720 Watt (AC), 10,000 - 26,000 RPM with load-compensating speed control. Soft-start, over-temperature and over-load safety cut-offs. 120 VAC (60HZ) Input Power.

1/4" Collet

Ships Installed. Accepts any commonly available 1/4" shank router bits. 1/8" Collet sold separately.

43mm / 1.7" Z-AXIS MAX Depth

Digitally adjustable depth-of-cut. Automated touch-off sensor.

Weight: 14.5 lbs, 11.75" Height, 7.75" Depth, 13.75" Width

Included in the box:

- (1) SO1-NN Origin router
- (2) ST1-150 Shaper Tape Rolls
- (1) 4mm T-Hex Wrench for Spindle removal
- (3) Cutters: 1/8" Up-spiral bit
1/4" Up-spiral bit
V60° Engraving bit
- (1) 19mm Wrench
- (1) Adapter hose, 6.5' L, 2.25" OD nozzle

Shaper Workstation

SW1-AA \$ 450



Components

Body: The core of Workstation with durable ShaperTape pre-applied and multiple ways to secure to your bench.

Clamping face: Versatile clamping platform factory calibrated to guarantee precision alignment every time.

Support bar: An adjustable support for the front edge of Origin, designed to keep your cuts flat and precise.

Support arms: Arms that hold the Support Bar in line with the body.

Shelf: Height adjustable surface for fixturing small or difficult-to-hold work pieces of almost any thickness.

Angle fence: Adjustable angle guide with a built-in scale makes it easy to set up and cut angled tenons between 0° and 45°.

4mm Wrench: T-handle Hex wrench

Hold Down Clamps: T-Track Clamps for versatile and secure fixturing.

Spoilboards: Sacrificial MDF used to minimize tear out when cutting.

- Highly Versatile Fixturing
- Accurate Mortise & Tenons
- Difficult workpieces made easy
- Quick setup features make repetitive cuts for volume production fast and reliable



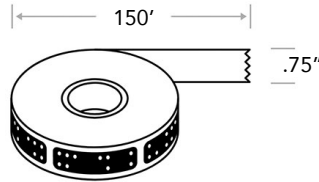
Shaper Hub

Scan or visit hub.shapertools.com for Origin-Ready Projects and Files.

- Get Hardware Templates
- Build Premium Projects
- Find & Publish Projects

**SHAPER ORIGIN Router Accessories****CNC ROUTER****Shaper Tape**

- 150 feet /roll
- Allows Origin to locate itself on any workpiece
- Adheres to a variety of materials and removes without leaving residue

**ST1-150 \$ 18/ ea****1/8" Collet w/ Nut**

- Accepts specialty bits with 1/8" shanks
- Great for fine engraving and inlay work

**SC1-1250 \$ 46/ ea****Up-Spiral Bits****SE1-2500-1250U**

Great for intricate cuts and finer details.

1/8" x 1/2" List \$ 23**SE1-2500-2500U**

Ideal for composite materials, hardwoods, and softwoods

1/4" x 3/4" List \$ 22**Engraving Bit****SE1-2500-V60E****List \$ 18**

- Ideal for engraving a wide variety of materials
- 60° cutting angle for shallow v-cuts
- 1/4" shank fits Origin's stock collet

3 Piece Essential Bit Kit**SG2-3E1****List \$ 90**

Bit Kit includes:



- (1) 1/4" carbide upcut cutter
- (1) 1/8" carbide upcut cutter
- (1) 60° carbide engraving bit

5 Piece Collet Kit**SG1-5CD \$ 180/ ea**

The complete collet kit includes:

- 3mm collet
- 6mm collet
- 8mm collet
- 1/8" collet
- 1/4" collet

**Shaper Systainer SYS1 - Customizable**

- Modular design stacks with other Systainers
- Made of durable, robust, high quality ABS
- Customizable solid foam insert which can be cut with Origin

**SH1-SS1 List \$ 90****Shaper Pro Support for the Origin CNC****SP1-D1
List \$ 600**

Shaper Pro is designed with the professional user in mind. Get the most out of your Shaper Origin with Shaper Pro's Enhanced support, an extended warranty, and hot swap repairs which reduce the possibility of project delays and help you meet your deadlines.

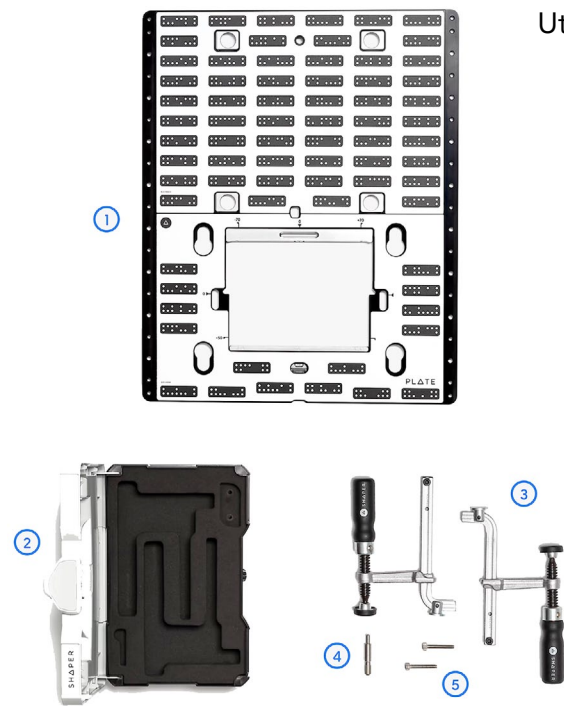
CNC ROUTER



ORIGIN CNC Router Universal Template

A universal template designed to install a wide range of hardware, inlay bow ties, round corners, route system 32 holes and so much more. Align Plate to your workpiece and let Origin do the rest. Utilize hundreds of digital files available on ShaperHub.

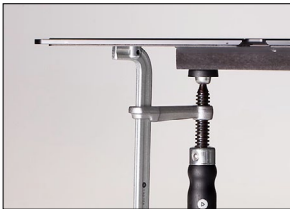
Plate dimensions: 14.25" W x 17.7" H x .25" thick.
Cut window: 6.29" W x 4.72" H. Weight: 4.5 lbs.



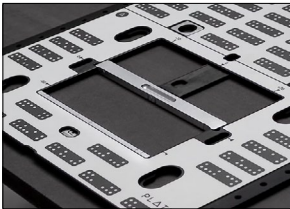
- 1) **Plate:** The universal template and fixture for Origin
- 2) **Mini-Systainer:** Custom systainer designed for Plate. Interlocking T-LOC system
- 3) **Low Profile Clamps:** Non-marking head, 60mm throat. Use the clamps to secure Plate to your workpiece.
- 4) **System 32 Pin:**
Accurate 32mm spacing
- 5) **Leveling Feet:** Support the corners of Plate when necessary



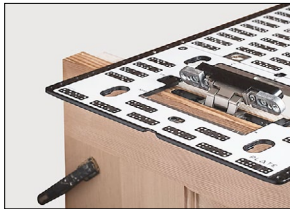
Fence
Quickly align Plate to the front edge of your workpiece using the Fence.



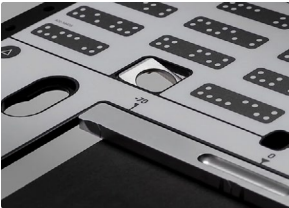
Low Profile Clamps
Maximize your cutting space with Low-Profile Clamps for fixturing.



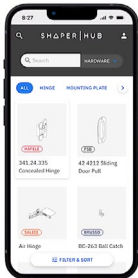
Reticle
Use Plate's Reticle to align with a mark anywhere on your workpiece's surface.



Mortise Door Hinges
Plate's threaded rails make it easy to use with custom fixtures, like this door mortising jig



Flag Alignment
Align Plate along the side or edge for maximum flexibility or when radiusing a corner.



Code	Description	List/ea
SV1-AA	Shaper Plate, Universal Template	\$ 375



Shaper Hub
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- Build Premium Projects
- Find & Publish Projects



FESTOOL ACCESSORIES

HOLE DRILLING SET, LR 32-SYS

For use with OF 1010 & OF 1400 Festool Routers

**584100**

Drills 32mm System holes
& 35mm hinges holes

Code
584100

Price
\$ 595

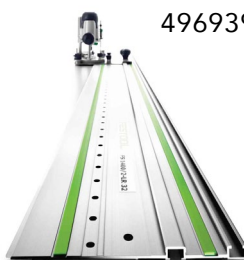
Precisely and efficiently build cabinets using the European frameless 32mm system. Invaluable for placing cup hinges (35mm) or setting shelf pin holes (based on 32mm spacing) in casework, this portable line boring system allows you to do in the field what has traditionally been a shop-only job, possible only with large stationary equipment. For use with the Festool OF 1010 and OF 1400 routers and guide rail system, the LR 32 System is supported by a 42", 55" and a 95" rail (sold separately), to cover any size job.

Includes: Guide plate, Centering mandrel, 2 edge stops, 2 linear stops, 2 clamps, Operating wrench, 35 mm carbide-tipped European hinge boring bit, 2 carbide-tipped 5 mm shelf pin bits (one for through holes and one for stopped pin holes).

GUIDE RAIL, 55" W/ 32mm HOLES

For use with 584100 Hole Drilling System

Combine this guide rail with the Festool LR 32 Hole Drilling System (#584100) to efficiently build European style 32mm cabinets. Quickly and easily align and machine holes for shelf pins and 35mm cup hinges.

**496939**

Code
496939

Price
\$ 165

Use your Festool routers, plunge saws, or jigsaws with the guide rail for expanded capability. Guide strip reduces friction between the tool and guide rail for easier, more fluid cutting action.

LOCK MORTISER



LOCK MORTISER

Special Order

Model 513*

List \$ 2435



- 11 Amps, AC only
- 1-3/4 HP, 27,500 RPM
- Quick, accurate cutting of mortises for box locks
- Cuts mortises up to 7" long, 1-1/4" wide, 4-3/4" deep
- Automatically centers cutter on door edge
- Mounts to door in seconds
- Adjustable height rod for repetitive mortise cuts
- Includes height rod, 3/4" & 1" mortising bits, wrench set, and operating manual

LOCK FACE TEMPLET

Special Order

Model 517*

List \$ 525

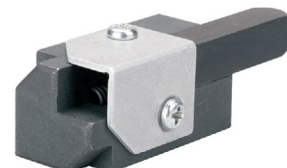
Used to quickly rout lock faces on door after the mortise for the box lock itself has been completed. Automatically self-centering and self-beveling. Includes: Templet, 42024 Templet Guide and operating manual. Net Wt. 2-1/2 lbs. (Max Mortise 1-1/2" x 8-1/2")



CORNER CHISEL

Model 42234

List \$ 40.76



Square the corners with Porter-Cable's No. 42234 Corner Chisel, and your door is ready to accept your lock face.

EDGEBANDER

FESTOOL

Hand Held Edge Bander CONTURO KA 65

With the new CONTURO Edge Bander, it's just as easy to apply edge banding on the job site as it is in the shop. Even if you have a large stationary edge banding machine, the CONTURO can complement your edge banding process by giving you a way to work with radii, circular pieces, bevels and small pieces.

Offers exceptional ergonomic design, including dual speeds, and a unique patented hot melt glue adhesive system. There's no risk of burns because the glue system is thermally isolated.

- Capable of edge banding curves, circles, convex and concave radii and inside corners
- Electronically controlled precision glue distribution system for maximum adhesion
- Compact, portable, ergonomic design for easy use and flexibility
- Optional table mounting for working with small work pieces

- Includes:
- Natural EVA Adhesive, 4-Pack
 - Support handle / guide table
 - Systainer SYS3

Specifications:

Inner Radius Minimum of 2" (50mm)

Max. Banding Height: 23/32" to 2-9/16" (18-65mm)

Max. Banding Thickness: 1/32" to 1/8" (0.5-3.0mm)

Weight: 17.4 lbs (7.9 kg.)



#576577
Hand Held
Edgebander
\$ 3299



Natural EVA Edge Banding Adhesive
48 pack / For above Edge Bander



#499812
Natural Color

EVA edge banding adhesive. Available in natural (for natural wood edge banding), white (for most light colors of edge banding), brown and black (for most dark colors of edge banding).

Pack: 48 pcs.

Code	Color	List/bx
499812	Natural	\$ 159
499813	White	159
200059	Brown	159
200060	Black	159

MFT/3 CONTURO Edge Bander Table Set
Combine with above Edge Bander

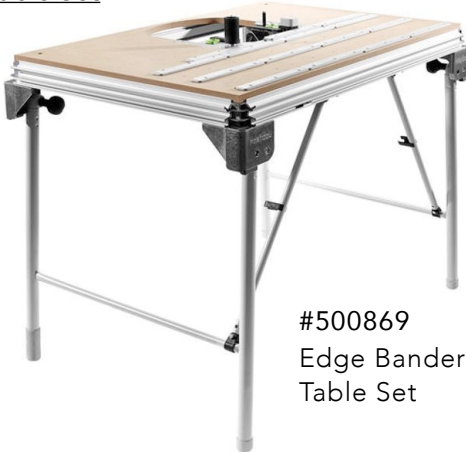
#500869 \$ 889

Conturo Edge Bander Table Set includes:

- Table insert
- Table adapter
- Guide plates
- Cross members

Combine the CONTURO Edge Bander with the Festool MFT/3 Work Table to process small work pieces and to edge band bevels. Edge bander can be quickly inserted and removed from the work table without any tools. The mounting bracket has preset detents for common angles.

Equipped with the Table Insert, Table Adapter, Guide Plates, and Cross Members, the MFT/3 CONTURO provides even more options for successful edge banding projects. Perfect for working with small pieces that would otherwise be difficult to work on with the CONTURO as a handheld machine.



#500869
Edge Bander
Table Set



FESTOOL

EDGE TRIMMING SET KB-KA 65

Accessories Kit for Conturo Edge Bander

Code	Price
500177	\$ 515



The Edge Trimming Kit is a collection of accessories for the CONTURO Edge Bander (576577) and other components to help you achieve the perfect edge.

Includes: Edge Banding Reel, Additional Roller, Edge Banding Trimmer, Scraper, StickFix Base Kit with 3x Felt Pad, 5x Polishing Felt, 20x Abrasive Sheets Stick-Fix Brilliant 2 80 x 133 P320, Hand-Sanding Block 80 x 133 mm, 5x StickFix Sanding Cloth S 800, MPA 6000 Polishing Compound in a Systainer SYS 4 T-LOC.

ADAPTER BASE FOR KA 65

For using the edgebander KA 65 as a bench-mounted machine. Adapter plate for installation in the MFT (with perforated board KA 65, order no. 500366) or a separate workbench. Includes guide plates.



Code	Price
500175	\$ 509

GUIDE PLATES

Guide Plates for KA 65 Table Insert (500366). Provides low friction surface area for stationary edge banding application.



	Code	Price
15 each per pack, sold per pack.	500367	\$ 30

DUST EXTRACTORS

Dust Extractor CT 48 HEPA

For non-hazardous dusts



CT 48 E Includes:

- HEPA filter
- 1 fitted, Selfclean filter bag
- 1 antistatic suction hose, 1-1/6" x 11.5 ft. (27mm x 3.5m)
- 1 cable holder

Code	Price
577085	\$ 935

Container/Filter bag cap..... 12.7/12.2 gal.
Depth x Width x Height.....29" x 16" x 40"
Weight..... 35.7 lbs.
Noise Level..... 62-71 dB (A)
Power Consumption..... 350-1200 watts/
2.9-10 amps 120V
ACMax Suction Capacity.....137 CFM
Max Vacuum..... 96" static water lift

Ideal for the workshop and provides maximum volume thanks to its large capacity. Highly mobile due to its swiveling castor wheels, rear wheels and handle. Includes a locking brake that provides stability on any surface as well as during transport.



- Large capacity for large volumes of dust and coarse chips
- Can be individually retrofitted with an additional compressed air or Bluetooth® module for remote control on the suction hose or automatic start via the Bluetooth® battery pack.
- Smooth suction hose and optimized SYS-Dock with cord holder and T-LOC function for conveniently connecting Systainers to the mobile dust extractor
- Antistatic function
- Attachment of Systainers via SYS-Dock

DUST EXTRACTORS

FESTOOL

Dust Extractor CT 36 HEPA

For non-hazardous dusts

- **9.5 gal.** (36 L) capacity
- Can be retrofitted with Bluetooth® module for remote control on the suction hose or automatic start via the Bluetooth® battery pack
- Larger wheels provide stability and ease of movement
- Large flat area for tools or stacking
- Tool triggered or manual on-off switch with smooth start-up and shut-off delay
- Stepless electronic suction control
- Wet and dry extraction with no complicated conversion



577084

- Integrated cleaning device cleans the filter in the blink of an eye
- Blower port
- Standard antistatic equipment protects against electrostatic charging

CT 36 E Includes:

- HEPA filter
 - 1 fitted, Selfclean filter bag
 - 1 antistatic suction hose, 1-1/6" x 11.5 ft. (27mm x 3.5m)
 - 1 cable holder
- | | Code | Price |
|--|--------|--------|
| | 577084 | \$ 865 |

Container/Filter bag cap.....	9.5/9 gal.
Depth x Width x Height.....	25" x 14.4" x 23.4"
Weight.....	31.8 lbs.
Noise Level.....	62-71 dB (A)
Power Consumption.....	350-1200 watts/ 2.9-10 amps 120V AC
Max Suction Capacity.....	138 CFM
Max Vacuum.....	96" static water lift

Dust Extractor CT 26 HEPA

For non-hazardous dusts

- **6.9 gal.** (26 L) capacity
- Can be retrofitted with Bluetooth® module for remote control on the suction hose or automatic start via the Bluetooth® battery pack
- Larger wheels provide stability and ease of movement
- Large flat area for tools or stacking
- Tool triggered or manual on-off switch with smooth start-up and shut-off delay
- Stepless electronic suction control
- Wet and dry extraction with no complicated conversion



577083

- Integrated cleaning device cleans the filter in the blink of an eye
- Blower port
- Standard antistatic equipment protects against electrostatic charging

CT 26 E Includes:

- HEPA filter
 - 1 fitted, Selfclean filter bag
 - 1 antistatic suction hose, 1-1/16" x 11.5 ft. (27mm x 3.5m)
 - Cable and hose holder
- | | Code | Price |
|--|--------|--------|
| | 577083 | \$ 799 |

Container/Filter bag cap.....	6.9/6.3 gal.
Depth x Width x Height.....	25" x 14" x 22"
Weight.....	30.64 lbs.
Noise Level.....	62-71 dB (A)
Power Consumption.....	350-1200 watts/ 2.9-10 amps 120V AC
Max Suction Capacity.....	138 CFM
Max Vacuum.....	96" static water lift

Dust Extractor CT MIDI-I HEPA

For non-hazardous dusts

- **4 gal.** (15 L) capacity
- Start and stop remotely with use of the integrated Bluetooth® technology
- Larger wheels provide stability and ease of movement
- Large flat area for tools or Systainer stacking
- Tool triggered or manual on-off switch with smooth start-up and shut-off delay
- Stepless electronic suction control
- Wet and dry extraction with no complicated conversion



574837

- Integrated cleaning device cleans the filter in the blink of an eye
- Blower port
- Standard antistatic equipment protects against electrostatic charging

CT MIDI-I Includes:

- HEPA filter
 - 1 fitted, filter bag
 - 1 antistatic suction hose, 1-1/16" x 11.5 ft. (27mm x 3.5m)
 - 1 cable holder
- | | Code | Price |
|--|--------|--------|
| | 574837 | \$ 679 |

Container/Filter bag cap.....	4.0/3.3 gal.
Depth x Width x Height.....	18.5" x 12-9/16" x 19.5"
Weight.....	24.91 lbs.
Noise Level.....	62-72 dB (A)
Power Consumption.....	400-1200 watts/ 3.3-10 amps 120V AC
Max Suction Capacity.....	130 CFM
Max Vacuum.....	96" static water lift

FESTOOL

DUST EXTRACTORS

Dust Extractor CLEANTEC CT 15E HEPA

Cleans construction sites, production shops and home workshops. With a 3.96 gallon (15 L) container volume, it extracts dust, dirt, and water. Its design ensures that almost the entire container volume can be used – for long periods of work without having to change the filter bag. Full unit **HEPA Certified**, adjustable high performance turbine.

- Compact design for easy transport
- Touch operation for intuitive control
- Accessible main filter for easy replacement
- Cleaning accessories among items included and stored in the mobile dust extractor
- Flat storage area – ideal for storing consumables
- Elastic tie-down strap included to secure vacuum hose on top of CT for convenient transport
- Container/filter bag capacity 3.96/3.3 gallons (15 l)



CT 15E HEPA Includes:

- 1 fitted, filter bag
- 1 suction hose, 27/32" x 11.5 ft.
- Crevice Nozzle, D36

Code	Price
577413	\$ 419

Container/Filter bag cap..... 3.96/3.3 gal.
 Dimensions (LxWxH)..... 18.5"x 12-9/16" x 17-1/8"
 Power Cable..... 16.4' (5m)
 Weight..... 24.69 lbs.
 Max Suction Capacity..... 130 CFM
 Max Vacuum..... 96" static water lift

CT SYS Dust Extractor

Portable and compact

Self-contained hose and cord storage, onboard tools, manual and automatic function, shoulder strap, anti-static design, system integration, and low sound (67 dB(A)), the CT SYS is well-equipped and built for professional use.

- Full Unit HEPA
- Tool-triggered operation
- High-performance suction
- Systainer integration.

575280



CT SYS Includes:

- HEPA filter
- 1 Disposable filter bag (container/bag capacity: 1.2 gal / .9 gal)
- 1 antistatic suction hose, 1-1/16" x 9.8 ft.
- Upholstery Brush
- Crevice Nozzle, D36
- Convenient shoulder strap
- Hose holder
- SYS Dock with T-Loc function



Code	Price
575280	\$ 400

Container/Filter bag cap..... 1.2/0.9 gal.
 Dimensions (LxWxH)..... 15.6"x 11.6" x 10.6"
 Power Cable..... 16.5' (5m)
 Weight..... 15.21 lbs.
 Max Suction Capacity..... 106 CFM
 Max Vacuum..... 80" static water lift



Standard Filter Bag #500438 \$ 25

Captures and contains dust and debris for easy and clean disposal. Compatible with the CT SYS mobile dust extractor.



LongLife Filter Bag #500642 \$ 96

Re-usable heavy-duty Filter Bag with integrated cap. Designed for easy and fast debris disposal. Compatible with the CT SYS mobile dust extractor.



DUST EXTRACTORS

ACCESSORIES FOR CT SERIES DUST EXTRACTORS

Hose Garages

Provides a convenient way to keep your suction hose at hand and offers protections for your hose and cord during transport and storage.

For CT26/36/48 Models



Code	Description	Price
204040	Hose Garage for CT26/36/48	\$ 61.20

Replacement Filter Bags

Contains 5 bags/box, sold per box.



204308

452970
452971

Code	Description	Price/bx
452970	For CT 22	\$ 46
452971	For CT 33	53
204308	For CT MIDI-2/CT15	39

Self-Cleaning Filter Bags

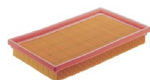
Contains 5 bags/box, Sold per box.



Code	Description	Price/bx
498411	For CT MIDI	\$ 42
496187	For CT 26 E	46
496186	For CT 36 E	53
497539	For CT 48 E	59

Hepa Filters

Designed to trap particles down to .3 microns while maintaining airflow, allowing you to reach full capacity without clogging or caking.

205412
Main Filter
CT 26/36/48456790
Main Filter
CT MINI/MIDI

Code	Description	Price/bx
205412	For CT 26/ 36/ 48	\$ 115
456790	For CT MINI/ MIDI	35

2045

FESTOOL

Compact Cleaning Set

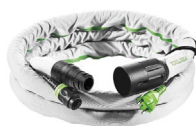
Rigid, light weight, crack-resistant polypropylene tubes and nozzles won't ding or mar floors, walls, or furniture.



Includes: curved hand tube, 3 extension tubes, floor nozzle, crevice nozzle, and upholstery nozzle. Packed in a durable Systainer 1.

Code	Description	Price
577257	Compact Cleaning Set	\$ 115

ANTI-STATIC HOSES W/ SLEEVES



201761



201778

Equipped with an integrated Plug-It Cord and sleeve, this tapered hose works well with the ETS EC sanders and others. Sleeve helps prevent the rib of the hose from catching on materials which may damage the surface and allows easy navigation over edges of work tables for better work flow while sanding. Available in two lengths: 5m (16.4') or 10m (32.8').

Code	Description	Price
201761	Hose w/ sleeve, 5m	\$ 309
201778	Hose w/ sleeve, 10m	415

PLUG-IT REPLACEMENT POWER CORDS

16 and 18 gauge

- Easily replace damaged or worn cords with the plug-it system
- By using a single cord:
 - save time switching between tools
 - minimize tangles and trip hazards



13 feet

Code	Description	Price
203925	16 ga, for use on TS Plunge Cut saws, OF 1010 and OF 1400 Routers	\$ 55
203923	18 ga, cord for use on jigsaws, MFK 700 router, DOMINO joiner, and sanders	53

Net Prices Shown

**FESTOOL****JIGSAWS****PS 300 EQ Jigsaw****PSB 300 EQ Jigsaw**

Adjustable carbide-tipped jaws provide three-way blade guidance to ensure that the blade is perpendicular to the table at all times, even in curves. A splinter guard protects against chipping, leaving you with a clean, precise cut through the entire depth of the work piece, with little or no finishing.

Power Consumption.....	720 watts / 6 amps 120 V AC
Stroke Rate (1").....	1000 - 2900 spm
Stroke Adjustment.....	4 Stages
Bevel Adjustment.....	0° - 45°
Cutting Depth, Wood.....	4-3/4" (120mm)
Cutting Depth, Non-Ferrous	
Metals.....	3/4" (20mm)
Cutting Depth, Steel.....	3/8" (10mm)
Weight.....	PS 300: 5.06 lbs.
	PSB 300: 5.29 lbs.

**PS 300 EQ / 576039**

Barrel Grip fits your hand and provides a low center of gravity.

**PSB 300 EQ / 576049**

D-Handle features a fingertip trigger and smaller profile grip.

Jigsaws Include:

- T-Shank Jigsaw Blades for wood (2 pieces)
- Chip guard
- Splinter guard
- Plug-it cord
- In Systainer 3

<u>Code</u>	<u>Jigsaw</u>	<u>Price</u>
576039	PS 300 EQ	\$ 315
576049	PSB 300 EQ	315

Jigsaw Carvex PSB 420 EBQ Plus

576192

Power Consumption.....	720 watts / 6 amps 120 V AC
Cutting Depth, Wood.....	4-3/4" (120mm)
Cutting Depth, Non-Ferrous	
Metals.....	3/4" (20mm)
Cutting Depth, Steel.....	3/8" (10mm)
Weight.....	5.29 lbs.

- Variable speed blade speed with extremely fast max 3,800 strokes per minute
- Tool-free base and base insert platform for expanded capabilities
- Triple blade guidance for perfectly perpendicular cuts and splinterguards for tear-free cuts
- High-intensity LEDs for high blade visibility
- Brushless motor technology for light weight, more power and longer service life

Jigsaws Include:

- T-Shank Jigsaw Blades for wood (2 pieces)
- Splinter guard
- Plug-it cord
- In Systainer 3

<u>Code</u>	<u>Jigsaw</u>	<u>Price</u>
576192	PSB 420 EBQ plus	\$ 445

Accessory Kit for Carvex Jigsaws

Keep the full system of bases on hand and ready for use. The best value for purchasing all of the accessories available for the CARVEX jigsaw. Organized in SYS 2 T-LOC Systainer.

Includes:

- Jigsaw Splinterguard, 5-Pack
- StickFix baseplate
- Dimpled base insert
- Hard fiber base insert
- Steel base insert
- Angle base
- Guide Rail Base
- Circle cutter
- StickFix felt



<u>Code</u>	<u>Price</u>
201186	\$ 250

JIGSAWS

FESTOOL JIGSAW BLADES

Cuts through Softwood/Hardwood, Melamine/Veneered Plywood, and chipboard. 5 blades per pack.



Blade type: S75/4 FSG, Cut type: Fast, perpendicular. Mat. Thickness: up to 1-3/16", Length: 3", TPI: 6-7.

	Code	Price/pk
	204316	\$ 19

Blade type: S105/4 FSG, Cut type: Fast, perpendicular. Mat. Thickness: up to 3-3/8", Length: 4-1/8", TPI: 6-7.

	Code	Price/pk
	204327	24

Blade type: S75/4 K/5, Cut type: Fast, for curves. Mat. Thickness: up to 1-3/16", Length: 3", TPI: 6-7.

	Code	Price/pk
	204265	\$ 17

Blade type: S75/1,4 K/5, Cut type: Conically ground teeth for clean, cut curves. Mat. Thickness: up to 1-3/16", Length: 3", TPI: 18.

	Code	Price/pk
	204267	\$ 17

Splinter Guard

Solid one-piece Splinterguard slides easily into place for a custom fit with any blade, virtually eliminating tearout and time-consuming rework. Fits all Festool Trion and Carvex Jigsaws.



Code	Price	
490120	\$ 13	5 per pack

BOSCH JS470E JIGSAW



Model JS470E
List \$ 303

Features

- 7-Amp motor plus speed control dial provides power and control for cutting through tough material
- Tool-less blade change system, fast insertion, blade ejection lever eliminates need to touch hot blade
- Four orbital-action settings provide different blade strokes for smooth to aggressive cuts
- Accelerator trigger controls operating speed
- Large, sturdy die-cast foot with steel insert and on-board bevel wrench, secure clamping system
- Precision-machined plunging system and low-vibration design enhances accuracy

Includes: Jig Saw, 1 no-mar overshoe, 1 anti-splinter insert, blade, bevel wrench and carrying case.

Specifications:

Dimensions: 15" depth, 13.5" width, 4.5" height
Weight: 10.38 lbs.
Amperage: 7
Bevel capacity: 45
Strokes per min: 3100
Length of stroke: 1"
Dust blower: Yes
Corded
UL Listed

JIGSAW BLADES



LENOX TOP QUALITY JIG SAW BLADES

Bi-Metal
Jigsaw Blade



Lenox bi-metal Bosch-style jig saw blades out-perform and out-last anything else available today, including high-speed steel, conventional steel, and other bi-metal blades.

These blades possess far superior heat and wear resistance and produce a very smooth and clean finished cut. Each blade outlasts up to 5 ordinary blades, and is virtually unbreakable. Made in U.S.A.

The initial cost of the Lenox blades is more than carbon blades, but because they last so long, these blades are substantially more cost-effective than other blades.

Pack: 2 each per pack. Full packs only.

Code	Application	Teeth Per Inch	List Per Pack
BT450S	Wood, Very Smooth	10	\$ 19.27
BT450SR	Wood, Down Cutting, Plastic Laminates, Reverse Tooth	10	18.35

Bulk	Description	List/Ctn
B450S-25	450S Bulk 25 ea/Ctn.	\$ 75.85




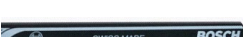



Blade Comparison Chart

Lenox #	Bosch =	Lenox	Bosch =
BT450S	T101B	BT450SR	T101BR



BOSCH JIG SAW BLADES



For Wood, Compositions, and Plastics: All 5 each/card.

Blade Reference	Part # / 5 blades/cd	Cutting Length	Teeth/ Inch	List/cd
 basic Wood	T101B	2-1/2"	10	\$ 11.24
 basic Wood	T111C	2-1/2"	8	7.43
 SWISS MADE	T119BO	1-7/8"	12	8.70
 SWISS MADE	T144D	2-1/2"	6	11.09
 clean Wood	T101BR	4"	10	16.43
 clean Wood	T101D	4"	6	12.24
 clean Wood	T101AO	3-1/4"	20	13.50

For Metal, Fiberglass, and Plastics: All 5 each/card.

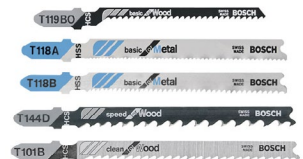
 special lexiglas	T101A	2-1/2"	12	\$ 17.70
 basic metal	T218A	3"	24	11.35

BOSCH BULK JIG SAW BLADES

Code	Description	List/pk
T101B-100	T101B-100 pack	\$ 170.02
T101BR-100	T101BR-100 pack	176.56
T101D-100	T101D-100 pack	163.48

BOSCH T500 ASSORTMENT PACK

Contains one each of the following jigsaw blades:



T101B, T144D, T119BO, T118A, T118B
(T118A is 3" cutting length, 24 teeth/inch for cutting metal 1/16"-1/8". T118B is 3" cutting length, 14 teeth/inch for metal 1/8"-1/4")

Code	Description	List/Pk
T500	Asst. 5 blades	\$ 10.44

JIG SAW BLADES

BOSCH "PROGRESSOR" JIG SAW BLADES

For use in all types of materials including metal and wood. The variable tooth pitch (small teeth near shank, larger teeth at the end of the blade), ensures fast cutting and long service life.

T123X



Best suited for metal. Also use on plastic up to 1-3/16" and wood up to 2-5/16" thick.

T345XF



A universal blade for use on non-ferrous metals, plastics and aluminum profiles up to 15/16", wood with nails up to 3-1/8" and steel.

T234X



For solid wood or laminated chipboard. Provides accurate and splinter free cuts with clean edges. Special tip for easy plunge cuts.

Pack: 5 each per card

Code	Application	Length	List/card
T123X	Metal	4-1/2"	\$ 12.89
T345XF	Universal	5"	20.00
T234X	Wood	4"	15.84

FESTOOL SAWS

TSC 55 KEBI F-PLUS FS Cordless Track Saw



TSC 55 Saw w/Rail
577008

MFT/3
Multifunction
Table
500608

Includes 576718 Track Saw plus 55" Guide Rail. The kickback is the most common cause of serious injuries when using a track saw. A unique kickback stop therefore stops the saw blade of this cordless track saw in the blink of an eye, and so not only protects your workpiece but also helps to minimize the risk of injury to your hands.

Allows users to make powerful, precise cuts at up to twice the speed with an extended battery range. Brushless EC-TEC motor combined with lithium-ion batteries for maximum cutting power. Low-dust mobile working thanks to dust collection bag or an extractor with Bluetooth automatic switch-on. The kickback stop can be deactivated for individual cuts.



- Saw Includes:
- 2x Battery pack
 - 1x Rapid Charger
 - 55" Guide Rail
 - Chip collection bag
 - WAF 5 fine tooth saw blade W42
 - Sight window
 - Systainer SYS 3

Battery voltage.....	18/36 V
Saw blade speed.....	1350 - 3550 rpm
Saw blade diameter.....	6-1/4" (160mm)
Angular range.....	-1° - 47°
Cutting depth at 45°.....	1-11/16" (43mm)
Cutting depth.....	0" - 2-1/8" (0 - 55mm)
Dust extraction connection dia.....	1-1/16"/1-7/16" (27/36mm)
Weight.....	10.14 lbs. (4.6 kg)

Code		Price
577008	Saw	\$ 879
500608	Table	699



FESTOOL

SAWS, GUIDE RAILS

TS 55 REQ Plunge Cut Track Saw

Incredibly portable, precise and easy-to-use, the TS 55 REQ is at home in the shop and on the worksite. With micro-adjustable depth controls and a flat housing for cutting against flush surfaces it will give a perfect cut the first time, every time, with laser-straight, splinter free cuts.



Power consumption.....	1200 watts/ 10 amps 120 V AC
Saw blade speed.....	2000 - 5200 rpm
Saw blade diameter.....	6-1/4" (160mm)
Bevel cuts.....	-1° - 47° (positive stops at 0° & 45°)
Cutting depth at 45°.....	1-11/16" (43mm) at 45°
Cutting depth.....	0" - 2-1/8" (0 - 55mm)
Arbor size.....	.787" (20mm)
Weight.....	9.92 lbs. (4.5 kg)

TS 55 REQ Saw
577014

MFT/3
Multifunction
Table
500608

Saw Includes:

- 1 48-tooth carbide blade
- 55" (1400mm) guide rail
- Splinter guard
- Plug-it cord
- In Systainer SYS3

<u>Code</u>		<u>Price</u>
577014	Saw	\$ 699
500608	Table	699

TS 75 EQ Plunge Cut Track Saw

Has a multitude of uses, from fine cabinetry to cutting spiral staircase steps; from truing rough lumber to cutting out window frames in renovation work. The TS 75 is a larger saw with more power and greater cutting depth than the TS 55.



Power consumption.....	1600 watts/ 13 amps 120 V AC
Saw blade speed.....	1350 - 3550 rpm
Saw blade diameter.....	8-1/4" (210mm)
Bevel cuts.....	0° - 47° (positive stops at 0° & 45°)
Cutting depth at 45°.....	2-1/8" (55mm)
Cutting depth.....	0" - 3" (0 - 75mm)
Arbor size.....	1.101" (30mm)
Weight.....	13.6 lbs. (6.2 kg)

TS 75 EQ Saw
576118

MFT/3
Multifunction
Table
500608

Saw Includes:

- 1 36-tooth carbide blade
- Splinter guard
- Plug-it cord
- In Systainer SYS5

<u>Code</u>		<u>Price</u>
576118	Saw	\$ 799
500608	Table	699

Like the TS 55, the saw blade and the riving retract into the housing for greater safety.

The FS/2 Guide Rail



Lay the guide rail on the workpiece and align the splinter guard flush with the scribe line. Place your Festool circular saw on the guide rail. The guide rib on the rail engages the guide slot on the tool, ensuring precision cutting every time. Save time and money by eliminating laborious measurements, rework and wasted material.

The Festool guide system is also an ideal solution for routing work at an angle or on the edge of workpieces. The guide cannot slip if secured with clamps. This prevents reworking and spoiled workpieces.

FS/2 Guide Rails



- Make precision cuts
- Hard-anodized surface
- Soft, non-slip coating
- Hard rubber splinter guard

<u>Code</u>	<u>Description</u>	<u>Price</u>
491498	FS 1400/2 - 55" Length (1400mm)	\$ 155
491503	FS 1900/2 - 75" Length (1900mm)	245
491937	FS 2700/2 - 106" Length (2700mm)	465

Guide Rail Accessory Kit



Includes:

- Angle unit
- Return/limit stop
- Extra splinterguard
- In Systainer 1
- Deflector
- 2 screw clamps
- 2 connectors

<u>Code</u>	<u>Price</u>
497657	\$ 250

PLUNGE SAWS

FESTOOL

SAW TABLES

Guide Rail Accessories cont.

Quick Clamp



Easily locked and quickly released. For use with MF Table and Guide Rails. Fits seamlessly into the bottom T-slot of guide rails for limitless positioning and secure cutting.

<u>Code</u>	<u>Ctn</u>	<u>Price</u>
491594	1	\$ 48

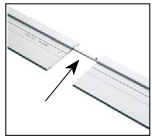
Splinterguard (Replacement)



Adhesive backed Splinterguard to maintain splinter-free cut quality. Semi-transparent for better visibility of the cut line and is quick and easy to replace.

<u>Code</u>	<u>Length</u>	<u>Price</u>
495207	55"	\$ 27
495209	197"	50

Connector



Connects two guide rails for long workpieces. Slide into the T-slot grooves in the rails. With 2 adjustable set screws per end for a secure connection. Sold per piece; 2 are needed.

<u>Code</u>	<u>Ctn</u>	<u>Price</u>
482107	1	\$ 20

Splinterguard (For TS 75 EQ only)



Achieve splinterfree cuts on both sides of the blade by using the off-cut side splinterguard in conjunction with the integrated guide rail splinterguard. For best results, replace when switching between different kerf blades.

<u>Code</u>	<u>Pack</u>	<u>Price/pk</u>
491473	5	\$ 28

Totebag for Festool Guide Rails

For convenient and protected transport or storage of up to two FS 1400/2 or shorter guide rails. Durable nylon construction. Guide rails sold separately. Carrying bag with shoulder straps up to length of FS 1400/2.



<u>Code</u>	<u>Price</u>
466357	\$ 125

Multi-function Table MFT/3

The MFT/3 is the perfect height to make work more comfortable. V-groove channels make squaring the miter gauge easier, more accurate and provides a mechanism for attaching accessories. Includes perforated tops, side channels for attaching clamps, and folding legs to allow two working heights, as well as easy transport. For use with TS Plunge Saws and OF Routers.

MFT/3 Basic Table 500608

Includes perforated top and foldaway legs.



MFT/3 Table 495315

Includes:

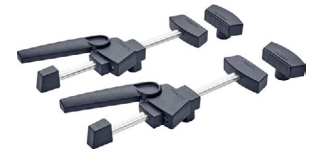
- Table with perforated top and foldaway legs
- 42" Guide Rail FS 1080
- Additional Clamp
- Adjustable Stop
- CMS Router Table Miter Gauge
- Guide Rail deflector
- Support and swivel unit



<u>Code</u>	<u>Description</u>	<u>Price</u>
500608	MFT/3 Basic Table, 45" x 30" x 35" Height	\$ 699
495315	MFT/3 Table (w/ added accessories) 45" x 30" x 35" Height	799

Clamping Elements MFT

Secure your workpiece for precision routing, sanding, cutting, or just about any other application.



Easy locking and quick release for a secure grip on your material. Designed for a perfect fit with the 20mm holes of the Festool MFT Tables.

<u>Code</u>	<u>Price/pk</u>
488030	\$ 139

**FESTOOL****Saw Blades for
TS Plunge Cut Track Saws**

ATB tooth



TC tooth

**Panther Saw Blade**

Fast-cutting rip blade with aggressive hook angle and deep gullets. Carbide-tipped ATB blade.

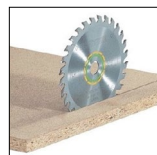
TS 55 REQ
496305

TS 75 EQ
495378

**Standard Saw Blade**

Coarse-cutting rip blade for use with building panels, wood and soft plastics. Carbide-tipped ATB blade.

TS 75 EQ
495379

**Universal Saw Blade**

Clean-cutting general purpose blade for wood and soft plastics. Fine rip cut blade for glue-ready joints. Carbide-tipped ATB blade.

TS 55 REQ
496304

TS 75 EQ
495380

**Fine Tooth Saw Blade**

Cross-cut blade for smooth results in sheet goods, melamine, hard & soft woods. Carbide-tipped ATB blade.

TS 55 REQ
495377

TS 75 EQ
495381

**Solid Surface/Laminate Saw Blade**

Long-lasting, high-cut quality blade, ideal for laminate flooring and solid surface countertop materials. Carbide tipped TC blade.

TS 55 REQ
496309

TS 75 EQ
495382

TS 55 REQ Saw blades

<u>Code</u>	<u>Dia.</u>	<u>Kerf</u>	<u>Bore</u>	<u>Hook Angle</u>	<u>Teeth</u>	<u>Price</u>
496305	160	2.2	20	20°	12/ ATB	\$ 56
496304	160	2.2	20	15°	28/ ATB	63
495377	160	2.2	20	5°	48/ ATB	87
496309	160	2.2	20	4°	48/ TC	97

TS 75 EQ Saw blades

<u>Code</u>	<u>Dia.</u>	<u>Kerf</u>	<u>Bore</u>	<u>Hook Angle</u>	<u>Teeth</u>	<u>Price</u>
495378	210	2.6	30	28°	16/ ATB	\$ 86
495379	210	2.6	30	20°	18/ ATB	88
495380	210	2.4	30	15°	36/ ATB	97
495381	210	2.4	30	8°	52/ ATB	139
495382	210	2.4	30	4°	60/ TC	155

SAW BLADES**Saw Blades for
TSC Plunge Cut Track Saws**

ATB tooth



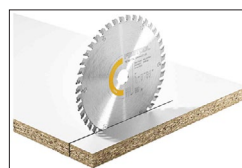
TC tooth

**205559 Wood Rip Cut Blade**

High cutting performance for rip cuts in solid wood. Suitable for hardwood and softwood. Carbide-tipped ATB blade.

**205560 Universal Blade**

For all types of wood materials, building panels - medium cut. Carbide-tipped ATB blade.

**205561 Fine Tooth Blade**

Fine cut for clean and splinter-free cross cuts in solid wood as well as for coated or veneered panels.

**205562 Laminate/HPL Blade**

Long-lasting, high-cut quality blade, ideal for laminate flooring and solid surface countertop materials. Carbide tipped TC blade.

TSC-55-K Saw blades

<u>Code</u>	<u>Dia.</u>	<u>Kerf</u>	<u>Bore</u>	<u>Teeth</u>	<u>Price</u>
205559	160	1.8	20	12/ ATB	\$ 55
205560	160	1.8	20	28/ ATB	61
205561	160	1.8	20	42/ ATB	84
205562	160	1.8	20	52/ TC	95

MITER SAW

Kapex KS 120 REB
Sliding Compound Miter Saw

Saw Includes:

- 1 60-tooth carbide tipped blade
- Angle transfer device
- Hold down clamp
- hex key, WAF 6

Code	Price
575306	\$ 1575



Light in weight and heavy in features, the KS 120 is the perfect saw for the workshop or the jobsite. Effective dust extraction, precise cuts, easy adjustments, and quality components are some of the features that make this saw the number one choice of professional tradesmen.

- Faster cut alignments with dual-laser marking system
- Rapid miter setting with cam-action lock system
- Rail-forward design allows work in tight quarters
- Angle transfer device eliminates complex angle calculations
- Easy and precise bevel angle with fine adjust
- Dust extraction up to 91% with behind the cut dust hood and pivoting 36mm hose

Power consumption.....	1600 watts
Crown moulding diag cut 45°/90°.....	6-5/8" (168mm)
Crown moulding diag cut 90°/90°.....	6-5/8" (168mm)
Special cutting depth 45°/90° (right).....	3/4" x 4-3/4"
Special cutting depth 45°/90° (left).....	1/2" x 4-3/4"
Special cutting depth 90°/90°.....	2-1/4" x 4-3/4"
Saw blade diameter.....	10-1/4" (260mm)
Dust extraction connection dia.....	1-1/16" / 1-7/16"
Dimensions (LxWxH).....	28" x 19-3/4" x 18-1/2"
Weight.....	50.93 lbs. (23.1 kg)
Work height.....	35-1/2" (900mm)

FESTOOL

KAPEX ACCESSORIES

Crown Stop w/ Base Extension

Supports nested workpieces at any angle and provides enhanced material support to the left or right of the saw. Integrated t-slots enable additional clamping capability, expanding the use of job-specific jigs when used with Festool FS clamps.



Code	Price
494369	\$ 129

Includes: 1 base extension and 1 crown stop.

Hold Down Clamp

Replacement clamp for securing material to the deck of the KAPEX miter saw (left or right of blade). Non-marring plastic foot protects the material during cutting.

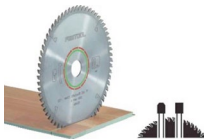


Code	Price
494391	\$ 105

Saw Blades for
Kapex Miter Saw

Solid Surface/Laminate Saw Blade

Long-lasting, high-cut quality blade, ideal for laminate flooring and solid surface countertop materials.



Carbide tipped. 64 tooth; 2.5mm kerf; 30mm arbor; -5 deg hook angle; MATB.

Code	Price
495386	\$ 160

Fine Tooth Saw Blade

Cross-cut blade for smooth results in sheet goods, melamine, hard & soft woods.

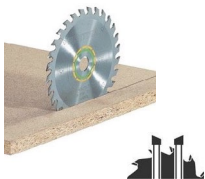


Carbide-tipped. 80 tooth; 2.5mm kerf; 30mm arbor; -5 deg hook angle; ATB.

Code	Price
495387	\$ 175

Universal Saw Blade

Clean-cutting general purpose blade for wood and soft plastics. Fine rip cut blade for glue-ready joints.



Carbide-tipped. 60 tooth; 2.5mm kerf; 30mm arbor; -5 deg hook angle; ATB.

Code	Price
495388	\$ 159

**SANDERS****5" RANDOM ORBIT SANDER
WITH DUST PICKUP**

8-hole Hook & Loop Pad

Model 382

List \$ 108



8-hole, 5" Hook & Loop

- Top cap design allows users to service and clean out the unit without complete disassembly
- Improved ergonomics allow for comfortable body & top gripping
- Amps: 1.9, 12,000 OPM
- Rubber grip dampens vibration
- 8-hole hook & loop pad. Accepts standard paper.
- Dust canister exceeds durability of cloth dust bags
- Dual dust ports accept 1" and 1-1/2" vacuum hoses to maximize dust pick up
- Standard Equipment: Sander, and operating manual

BOSCH ROS20VSC RANDOM ORBIT SANDER

Variable Speed



- Variable speed dial
- Integral Pad Dampening system
- Microfilter Dust Canister
- Uses 8-hole 5" Hook & Loop discs

Delivers fast removal and a well-blended, ultra-smooth finish. Integral pad dampening brake system helps prevent swirl marks. Hook-and-loop disc attachment ensures a secure fit. Microcellular backing pad is pliable to ensure a smooth, fine finish on both flat and contoured surfaces alike.

With a comfortable soft-grip top and body design, this tool has variable-speed control from between 7,500 and 12,000 OPM to match the speed to the task. It also includes an on-board system for filtering fine dust.

Code	Description	List/ea
ROS20VSC	5" Random Orbit Sander	\$ 141.67

BOSCH 3725DEVS RANDOM ORBIT SANDER

With Dust Canister

Model 3725DEVS

List \$ 286

**BOSCH**

8-hole, 5" Hook & Loop

- Powerful 3.3 amp motor with variable-speed dial, (4,500-12,000 OPM) to match speed to workpiece and task
- Removable auxiliary handle for close-quarter work
- Microfilter dust canister collects up to 120% more dust than conventional dust bags
- Uses 8-hole, 5" hook and loop discs

Specifications:

Voltage..... 120V	Orbit dia.....3/16"
Disc size..... 5"	Orbit rad.....3/32"
No load OPM..... 4500-12000	
Eccentric offset.. 3/32"	

BOSCH ROS10 RANDOM ORBIT SANDER

With Dust Canister

**Includes:**

- Soft Sanding Pad
- Dampening Ring
- Microfilter Dust Canister
- Vacuum Hose Adapter
- Sanding Disc

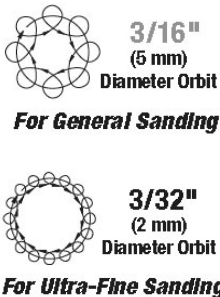
- Integral pad dampening braking system to prevent swirl marks
- 2.5 Amp motor delivers 12,000 OPM
- Hook-and-loop disc attachment for firm grip
- Microcellular backing pad for smooth, fine finishes
- Soft-grip top and body for user comfort
- Low-vibration operation
- Built-in microfilter dust-collection system
- Uses 8-hole 5" hook and loop discs

Code	Description	List/ea
ROS10	5" Random Orbit Sander	\$ 108.33

DYNABRADE SANDERS

RANDOM ORBIT AIR SANDER

Dynorbital Spirit



Lightweight, low-profile sander. Random circular motion produces superior finishes. Highly dampened vibration gives smooth, comfortable sanding. Choice of 3/16" orbit or 3/32" orbit. Low air use. 90 PSI. 12,000 RPM. Approx. Wt: 1.40 lbs on 5", 1.50 lbs on 6" Horse power: .25

Includes low-profile, premium urethane, weight-mated, non-vac pad (PN56106). Non-vac with a small ergonomic grip.

Code	Dia./Orbit	List
59020	5" / 3/16"	\$ 322.53
59025	6" / 3/16"	321.46
59035	5" / 3/32"	327.94

DYNABUG II ORBITAL SANDER, NON-VACUUM

A little finish sander that gets into corners!

- Precise 3/32" orbital motion for an ultra-fine finish
- Light tool weight at 1.75 lbs.
- 74mm wide x 109mm long (approximately 3" x 4-1/4") and includes Hook-Face Sanding Pad. Comfort Platform provides additional hand and wrist support



58500

List \$ 368.57

- Powerful .15 hp (112 W), 10,000 RPM air motor, using just 13 SCFM at 90 PSI.

Sandpaper for Dynabug Sander

2-15/16" W x 4-5/16" L, A/O Non-Vac Sheets. C-wt flexible paper, Hook & Loop avail 120-400 grits. 50 sheets per box - **Must order in increments of 50.**

<u>120X</u>	<u>150X</u>	<u>180X</u>	<u>220X</u>	<u>320X</u>	<u>400X</u>
93784	93785	93786	93787	93788	93789

120-320 grits \$.88/sheet, 400 grit \$.95/sheet.

RANDOM ORBIT AIR SANDER

Dynorbital Supreme



- New one-hand speed control allows "thumb control"
- Balanced Urethane sanding pad
- Max RPM: 12,000, .28 HP
- Rubber over-mold has a non-slip feel and insulates from cold. The air motor has vibration-absorbing rubber rings
- Comfort Platform gives extra hand and wrist support

Specifications

HP.....	0.28
Max. Air Flow [SCFM].....	18.0
Max. RPM.....	12,000
Pad Face.....	Vinyl
Tool Spindle Thread.....	5/16" - 24 Female
Exhaust Type.....	Rear
Hose I.D. [inches].....	1/4"
Vacuum Type.....	Non-Vacuum
Width/Length.....	6.5
Height.....	3.625
Weight.....	2 lbs.

Code	Description	List/ea
56815	5", 3/16" Orbit	\$ 425
56850	5", 3/32" Orbit	425



**SANDERS****RANDOM ORBIT AIR SANDER**

Dynorbital Extreme

Quiet - 73 dBA
vs 80 dBA**Features**

- Recessed Throttle Lever eliminates pressure on palm
- Integrated Comfort Platform provides ergonomic comfort
- Comfort Grip
- Weight-mated Sanding Pad for reduced vibration and consistent finishes

DynaBraid's most refined random orbital sander to date, it boasts the greatest power and most consistent speed of any palm-style sander. Ergonomic features keep operators safe and comfortable and symmetrical design allows for left or right-handed operators. American-made from the highest grade materials for long-life and high durability.

New motor design has the highest power-to-weight ratio in the industry, with 0.3 hp at 1.8 lbs. Most consistent speed under load, running at 92% of rated tool speed.

PSA pad type, Non-vacuum, 12000 rpm, 0.3 hp (224 W).

Code	Dia.	Orbit Dia.	Length	List/ea
X51	5"	3/16"	6.9"	\$ 336.05
X52	5"	3/32"	6.9"	317.03
X61	6"	3/16"	7.4"	317.03

FILTERS FOR SANDERS

For Spirit and Extreme models

These filters catch the excess oil/dirt/dust that the sanders may spit out while being used. They also double as mufflers that dampen the sound from the exhaust.



Sanders take 4-5 of the filters each and need to be changed out when they turn black (about every two months of regular weekly use).

30 filters per bag, sold per bag.

Code	Description	List/bg
56027	Filters for Extreme DynaBraid Sanders (X51, X52, X61).	\$ 20.50
56054	Filters for Spirit DynaBraid Sanders (5920, 59025, 59035)	22.60

SURFPREP 3" X 4" ORBITAL AIR SANDERSPSS3X4
Sanding System

Low profile, compact footprint designed for use on flat surfaces, recessed corners, inside drawer boxes, & profiled moldings, etc. The lightweight nylon composite bodied sanders withstand rugged industrial applications and are excellent for both prep & finish sanding.

Specifications:

- Air - 16 SCFM / 3.1 CFM / 90 PSI
- RPM - Suggested Speed 10,000 RPM
- Orbit - 3mm perfect orbit
- Weight - 2 lbs.
- Height x Length - 3.3" x 5.5"
- Size - 3" X 4" Footprint
- Power - .24 Horsepower / 179 Watts

SPBP3X4
Backup Pad

Code	Description	List/ea
SPS3X4	3" x 4" Orbital Sander, H&L, Non-Vacuum (sander only)	\$ 409.50
SPBP3X4	Backup Pad, 3" x 4", H&L, No hole	31.50
SPSS3X4	Sanding System includes:	555.25
	SPS3X4 Sander w/pad, Variety Pack 3" x 4" Foam abrasives, Variety Pack 3" x 4" Film abrasives, 12' Swivel Air Hose & Tool Oil, 3" x 4" Pad Saver, 3" x 4" Interface Pad.	

See full selection of Surfprep abrasives starting on page 1755.

SANDERS



SURFPREP 3" X 7" ORBITAL AIR SANDER



Low profile, large footprint designed for use on flat surfaces, recessed corners, large areas & profiled moldings, etc. The durable, lightweight nylon composite bodied sanders withstand rugged industrial applications and are excellent for both prep & finish sanding. Both the Air and Electric Surge can be converted into a more "aggressive leveling sander" with the simple addition of a pad saver with SurfPrep Film cut sheets. You will need a minimum 80 gallon air compressor to run air sanders properly.

Specifications:

- Air - 16 SCFM / 3.1 CFM / 90 PSI
- RPM - Suggested Speed 10,000 RPM
- Orbit - 3mm perfect orbit
- Weight - 2.26 lbs.
- Height x Length - 4.15" x 6.93"
- Size - 3-2/3" X 7" Footprint
- Power - .24 Horsepower / 179 Watts



SPBP3X7
Backup Pad

Code	Description	List/ea
SPS3X7	3" x 7" Orbital Sander, H&L, Non-Vacuum (sander only)	\$ 430.92
SPBP3X7	Backup Pad, 3" x 7", H&L, No hole	42.00

See full selection of Surfprep abrasives starting on page 1755.

SURFPREP RANDOM ORBITAL AIR SANDER
5" Trident - 3/16 & 3/32 Orbits



SPTS5

Specifications:

- Air - 17 SCFM / 3.1 CFM / 90 PSI
- RPM - Suggested Speed 12,000 RPM
- Orbit - 3/16 & 3/32 Random Orbit
- Weight - 1.84 lbs.
- Height x Length - 3.9" x 7"
- Power - .28 Horsepower / 209 Watts

SPBP5
Backup Pad



Light-weight, designed with a durable composite body and a compact, recessed throttle lever. Ergonomically balanced for added comfort and control. Its cutting edge 'cooling fan' creates air flow around the counter balance spindle bearing which enhances the life of the tool. The Trident motor assembly is constructed of hardened steel for the cylinder and both end plates. A 360° swivel exhaust grate allows operator to redirect air flow.

Code	Description	List/ea
SPTS5HL316	5" Hook & Loop, 3/16" orbit Non-Vacuum	\$ 381.50
SPTS5PSA316	5" PSA, 3/16" orbit Non-Vacuum	420.00
SPTS5PSA332	5" PSA, 3/32" orbit Non-Vacuum	350.00
SPBP5HL	Backup Pad, 5", H&L, No hole	35.44
SPBP5PSA	Backup Pad, 5", PSA, No hole	33.75

GRAPHITE COATED CANVAS

Graphite has long proven the most effective dry lubricant available for use in back of sanding belts to reduce heat and friction, increase speed and provide longer abrasive belt wear. Recommended by most belt-sander manufacturers. Available in 12' lengths only.



Code	Width x Length	List/ea
GC4-1	4" x 12'	\$ 39.22
GC6-1	6" x 12'	52.07
GC8-1	8" x 12'	73.83

FESTOOL

SANDERS

DTS 400 REQ-Plus Delta Sander

A great all-round sander, the DTS 400 is ideal for working on vertical and overhead surfaces because of its compact design and weight of only 2.4 lbs. The electronics improve working results and the vibration stop makes your work less tiring.



576061

Power consumption..... 250 watts
 Pad size..... 4" x 6" (100 x 150mm)
 Speed..... 6000 - 12000 opm
 Sanding stroke..... 5/64" (2mm)
 Weight..... 2.4 lbs. (1.1 kg)

DTS 400 REQ-Plus Includes:

- StickFix® sanding pad 4" x 6" (100 x 150mm)
- Plug-it Power cord
- Long life dust bag
- Pad protector
- In Systainer SYS3

Note: Pads not interchangeable with RTS 400 EQ

<u>Code</u>	<u>Price</u>
576061	\$ 299

RTS 400 REQ-Plus Finish Orbital Sander

A sander well suited for a wide range of applications, the RTS 400 is ideal for working on vertical and overhead surfaces because of its compact design and weight of only 2.4 lbs. The electronics improve working results and Vibration Stop balancing reduces fatigue during prolonged use.



576054

Power consumption..... 250 watts
 Pad size..... 3-5/32" x 5-1/4" (80mm x 133mm)
 Speed..... 6000 - 12000 opm
 Sanding stroke..... 5/64" (2mm)
 Weight..... 2.4 lbs. (1.1 kg)

RTS 400 REQ-Plus Includes:

- StickFix® sanding pad 3-5/32" x 5-1/4" (80 x 133mm)
- Plug-it Power cord
- Long life dust bag
- Pad protector
- In Systainer SYS3

Note: Pads not interchangeable with DTS 400 EQ

<u>Code</u>	<u>Price</u>
576054	\$ 299

LONG LIFE CHIP COLLECTION BAG

For ETS/DTS/RTS Sanders



<u>Code</u>	<u>Price</u>
201693	\$ 35



Festool reusable long-life dust collection bag made from extra-durable non-woven polyester for lasting use. Attaches to any Festool power tool with a locking 27mm dust port.

SANDERS

FESTOOL

ROTEX RO 125 FEQ-Plus Multi-Mode Sander

The RO 125 puts dual-mode, triple-function performance into a comfortable 4.4 lbs. This 5" sander does coarse sanding, fine sanding and polishing. Perfect for woodworkers, painters, solid surface fabricators and anyone who needs to sand in a variety of places and positions. Near-total dust extraction, exceptional ergonomics, and many advanced features.



576032

RO 125 FEQ-Plus Includes:

- StickFix® sanding pad 5" dia (125mm)
- Pad protector
- Plug-it cable
- Systainer SYS3

	<u>Code</u>	<u>Price</u>
Power consumption.....500 watts/ 4.2 amps 120 V AC	576032	\$ 579
Pad diameter.....5" (125mm)		
Speed Eccentric motion.....3000 - 6000 opm		
Speed Rotary motion.....300 - 600 rpm		
Sanding stroke.....9/64" (3.6mm)		
Weight.....4.4 lbs. (2 kg)		

ROTEX RO 150 FEQ-Plus Multi-Mode Sander

The RO 150 changes effortlessly from coarse sanding, to fine sanding, to polishing. Changing sanding pads is easy and requires no extra tools. 720 watts of power. The 5 lb. frame has minimal vibration and superior ergonomic design making it easy to work with. The gear box is completely enclosed and impervious to dust.



576028

RO 150 FEQ-Plus Includes:

- StickFix® sanding pad 6" dia (150mm)
- Pad protector
- Plug-it cable
- Systainer SYS3

	<u>Code</u>	<u>Price</u>
Power consumption.....720 watts/ 6 amps 120 V AC	576028	\$ 669
Pad diameter.....6" (150mm)		
Speed Eccentric motion.....3300 - 6800 opm		
Speed Rotary motion.....320 - 660 rpm		
Sanding stroke.....3/16" (5mm)		
Weight.....5 lbs. (2.3 kg)		

ETS 125 REQ-Plus Random Orbital Sander

The ergonomic ETS 125 has a 5/64" sanding stroke and is an ideal one-handed machine for maximum surface quality when finishing or pre-sanding. Weighing only 2.4 lbs., it is perfect for vertical surfaces and overhead work. Also features sanding pad brake and Vibration Stop balancing.



576070

ETS 125 REQ-Plus Includes:

- StickFix® sanding pad 5" dia (125mm)
- Pad protector
- Long life filter bag
- Plug-it cable
- Systainer SYS3

	<u>Code</u>	<u>Price</u>
Power consumption.....200 watts/ 1.67 amps 120 V AC	576070	\$ 249
Pad diameter.....5" (125mm)		
Speed.....6000 - 14000 opm		
Sanding Stroke.....5/64" (2.0mm)		
Weight.....2.4 lbs. (1.1 kg)		



FESTOOL

SANDERS

Random Orbital Sanders

ETS 150/3 EQ-Plus and ETS 150/5 EQ-Plus

Two top-of-class, lightweight eccentric sanders in the ETS series: the ETS 150/3 is for fine sanding and extra-fine sanding, producing an excellent surface finish with a short 1/8" sanding stroke. The ETS 150/5, with a 3/16" stroke, is for more aggressive sanding or intermediate varnish sanding. Its maneuverability is a product of superior ergonomics and low weight. The balance of each tool is calibrated to its stroke, delivering smooth, low vibration operation.



Power consumption.....	310 watts/ 2.6 amps 120 V AC
Pad diameter.....	6" (150mm)
Speed.....	6000 - 10500 opm
Sanding Stroke (150/3).....	1/8" (3.0mm)
Sanding Stroke (150/5).....	3/16" (5.0mm)
Weight.....	2.4 lbs. (1.1 kg)

ETS 150/3 EQ-Plus & ETS 150/5 EQ Include:

- StickFix® sanding pad 6" dia (150mm)
- Filter cartridge
- Plug-it cable
- Systainer SYS3

<u>Code</u>	<u>Price</u>
ETS 150/3 576079	\$ 439
ETS 150/5 576088	439

SANDERS

FESTOOL

ETS EC 125/3 EQ-Plus Brushless Sander

Equipped with the EC-TEC® Brushless Motor, these low-profile, long-life, and low-vibration sanders can run all day with multiple shifts. Offering a fine 3mm stroke, this sander provides the performance of an air sander without the expense and bulk of an air system. Equipped with Multi-Jetstream dust extraction, extraction connection signal, electronic active vibration stop, carbide-tipped sanding brakes and more.



ETS EC 125/3 EQ-Plus Includes:

- StickFix® sanding pad 5" dia (125mm)
- Plug-it cable
- Systainer SYS3

Power consumption.....	400 watts/ 3.3 amps 120 V AC		
Pad diameter.....	5" (125mm)		
Speed.....	6000 - 10000 RPM		
Sanding stroke.....	1/8" (3.0mm)	<u>Code</u>	<u>Price</u>
Weight.....	2.65 lbs. (1.2 kg)	576340	\$ 475

ETS EC 150/3 EQ-Plus Brushless Sander

Equipped with the EC-TEC® Brushless Motor, these low-profile, long-life, and low-vibration sanders can run all day with multiple shifts. Available in a fine 3mm stroke, these sanders offer the performance of an air sander without the expense and bulk of an air system. Equipped with Multi-Jetstream dust extraction, extraction connection signal, electronic active vibration stop, carbide-tipped sanding brakes and more.



ETS EC 150/3 EQ-Plus Includes:

- StickFix® sanding pad 6" dia (150mm)
- Plug-it cable
- Systainer SYS3

Power consumption.....	400 watts/ 3.3 amps 120 V AC		
Pad diameter.....	6" (150mm)		
Speed.....	6000 - 10000 RPM		
Sanding stroke.....	1/8" (3.0mm)	<u>Code</u>	<u>Price</u>
Weight.....	2.65 lbs. (1.2 kg)	576326	\$ 575

ETS EC 150/5 EQ-Plus Brushless Sander

Equipped with the EC-TEC® Brushless Motor, these low-profile, long-life, and low-vibration sanders can run all day with multiple shifts. Available in a fine 5mm stroke, these sanders offer the performance of an air sander without the expense and bulk of an air system. Equipped with Multi-Jetstream dust extraction, extraction connection signal, electronic active vibration stop, carbide-tipped sanding brakes and more.



ETS EC 150/5 EQ-Plus Includes:

- StickFix® sanding pad 6" dia (150mm)
- Plug-it cable
- Systainer SYS3

Power consumption.....	400 watts/ 3.3 amps 120 V AC		
Pad diameter.....	6" (150mm)		
Speed.....	6000 - 10000 RPM		
Sanding stroke.....	3/16" (5.0mm)	<u>Code</u>	<u>Price</u>
Weight.....	2.6 lbs. (1.2 kg)	576339	\$ 575

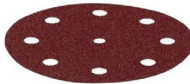
**FESTOOL SANDPAPER**

5" Granat Discs. Compatible with Festool ETS 125, ROTEX RO 125, ETSC 125 and other 5" sanders.



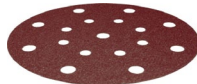
<u>Code</u>	<u>Grit</u>	<u>Ctn</u>	<u>Price/Bx</u>
497167	P80	50 ea	\$ 47
497168	P100	100	71
497169	P120	100	71
497170	P150	100	71
497171	P180	100	71
497172	P220	100	71
497173	P240	100	71
497175	P320	100	71

Rubin2 For bare wood. Dia: 5"



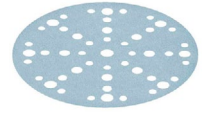
<u>Code</u>	<u>Grit</u>	<u>Ctn</u>	<u>Price/Bx</u>
499094	P60	50 ea	\$ 40
499095	P80	50	40
499096	P100	50	40
499097	P120	50	40
499098	P150	50	40
499099	P180	50	40
499100	P220	50	40

6" Rubin2 Discs. Compatible with Festool ETS 150, ROTEX RO 150, ETSC 150 and other 6" sanders.



<u>Code</u>	<u>Grit</u>	<u>Ctn</u>	<u>Price/Bx</u>
575187	P60	50 ea	\$ 44
575188	P80	50	44
575189	P100	50	44
575190	P120	50	44
575191	P150	50	44
575192	P180	50	44
575193	P220	50	44

6" Granat Discs. Compatible with Festool ETS 150, ROTEX RO 150, ETSC 150 and other 6" sanders.



<u>Code</u>	<u>Grit</u>	<u>Ctn</u>	<u>Price/Bx</u>
575162	P80	50 ea	\$ 51
575163	P100	100	77
575164	P120	100	77
575165	P150	100	77
575166	P180	100	77
575167	P220	100	77
575168	P240	100	77
575170	P320	100	77
575172	P400	100	77
575173	P500	100	77
575174	P800	50	51
575175	P1000	50	51

Rubin2 For paints and varnishes, fine sanding on bare wood. Compatible with DTS 400 EQ
Size: 3-15/16" (100 x 150mm)



<u>Code</u>	<u>Grit</u>	<u>Ctn</u>	<u>Price/Bx</u>
499135	P80	50 ea	\$ 33
499136	P100	50	33
577575	P120	50	33
499138	P150	50	33
499139	P180	50	33

Granat For finished and bare wood. Size: 3-15/16" (100 x 150mm)



<u>Code</u>	<u>Grit</u>	<u>Ctn</u>	<u>Price/Bx</u>
497138	P120	100 ea	\$ 57
497139	P150	100	57
497140	P180	100	57
497141	P220	100	57
497142	P240	100	57
497143	P320	100	57
497144	P400	100	57

FESTOOL SANDPAPER

Rubin2 For bare wood.
Size: 4-1/2" x 9" (115 x 228mm)



Code	Grit	Ctn	Price/Bx
499034	P120	50 ea	\$ 42
499035	P150	50	42
499037	P220	50	42

Granat For bare wood.
Size: 3-1/8" x 5-1/4" (80 x 133mm)



Code	Grit	Ctn	Price/Bx
497119	P80	50 ea	\$ 33
497120	P120	100	53
497121	P150	100	53
497122	P180	100	53
497123	P220	100	53
497124	P280	100	53
497125	P320	100	53

Rubin2 For bare wood.
Size: 3-1/8" x 5-1/4" (80 x 133mm)



499048	P80	50	\$ 30
499049	P100	50	30
499050	P120	50	30
499051	P150	50	30
499052	P180	50	30
499053	P220	50	30

6" Platin2 Discs. Compatible with Festool ETS 150, ROTEX RO 150, ETSC 150 and other 6 " sanders.



Code	Grit	Ctn	Price/Bx
492370	P1000	15 ea	\$ 91
492371	P2000	15	91

SIA 9-Hole HOOK & LOOP DISCS
For Festool Sanders



- 5" or 6" 9-hole discs
- Aluminum oxide grit
- B-weight paper
- Ideal for manual use thanks to high flexibility
- Ideal for sanding large areas

Pack: 100 discs per box.

Code	Size	Grit	List/bx
4554.0675.0080	5"	80	\$ 78.05
3547.7578.100	5"	100	78.97
3547.7578.120	5"	120	94.28
3547.7578.150	5"	150	94.42
3547.7578.180	5"	180	84.26
3547.7578.220	5"	220	95.92
3365.8780.80	6"	80	\$ 124.78
3365.8780.100	6"	100	112.54
3365.8780.120	6"	120	116.91
3365.8780.150	6"	150	129.17
3365.8780.180	6"	180	108.48
3365.8780.220	6"	220	110.29

**FESTOOL****BACKING PADS****SANDER BACKING PADS**

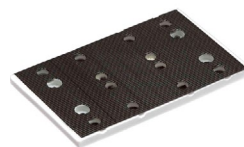
For Festool Sanders

**StickFix Longlife 5" Soft Pad**
492280For ETS 125 EQ
Random Orbital Sander**Fusion Tec 6" Pads**
202458 (Soft Pad - black)
202459 (Ultra-Soft Pad - gray)
202460 (Hard Pad - blue)For ETS 150, ETS EC 150
Sanders**StickFix 5" Soft Pad**
492125
For Rotex RO 125 FEQ
Multi-Mode Sander**StickFix 6" Pads**
202461 (Soft Pad - black)
202462 (Ultrasoft Pad- gray)
202463 (Hard Pad - blue)For Rotex RO 150 FEQ
Multi-Mode SanderHigh-Temp resistant for heavy-duty applications.
9-hole.

<u>Code</u>	<u>Dia.</u>	<u>Sander</u>	<u>Net/ea</u>
492280	5"	ETS 125 EQ	\$ 46
202458	6"	ETS 150, ETS EC 150	55
202459	6"	ETS 150, ETS EC 150	52
202460	6"	ETS 150, ETS EC 150	52
492125	5"	RO 125 FEQ	44
202461	6"	RO 150 FEQ	55
202462	6"	RO 150 FEQ	55
202463	6"	RO 150 FEQ	55

SANDER BACKING PADS *cont.*

For Festool Sanders

**80x133mm Soft Backing Pad**
489252

For RTS 400 REQ Sander

**100x150mm Soft Backing Pad**
493723

For DTS 400 REQ Sander

<u>Code</u>	<u>Size</u>	<u>Sander</u>	<u>Net/ea</u>
489252	80x133mm	RTS REQ	\$ 35
493723	100x150mm	DTS REQ	35

BACKING PADS

For Festool ETS EC Sanders

The ETS EC 125 requires a different pad than the ETS 125. Below backing pads have a central fastener to affix to the sander, but still use the same abrasives that the ETS 125 uses. The ETS EC 150 sanders utilize the same sanding pads as the ETS 150 sanders.

**5" Hard Sander Backing Pad**
492284
For ETS EC 125 Brushless Sander**5" Soft Longlife Sander**
Backing Pad - 492286
For ETS EC 125 Brushless Sander**5" Super Soft Sander**
Backing Pad - 492288
For ETS EC 125 Brushless Sander

<u>Code</u>	<u>Dia.</u>	<u>Sander</u>	<u>Net/ea</u>
492284	5"	ETS EC 125	\$ 52
492286	5"	ETS EC 125	52
492288	5"	ETS EC 125	52

ROUTER BITS

MLCS

ROUTER BIT SET - 30 PC MLCS

Outstanding value. An MLCS bit rated 6th out of the 17 brands tested in Fine Woodworking (8/99).

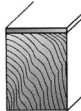


Each set includes 30 carbide tipped, high quality router bits with wood storage box. Each set includes:

- 3 Cove (1/4", 3/8", 1/2")
- 2 Flush Trim (3/8", 1/2")
- 3 Dovetail (14° 1/2", 5/8", 9° 3/8")
- 1 45° Chamfer, 2 Roman Ogee (5/32", 1/4")
- 6 Round Over (1/8", 3/16", 1/4", 5/16", 3/8", 1/2")
- 5 Straight (1/4", 5/16", 3/8", 1/2", 3/4")
- 1 Rabbeting (3/8"), 3 Round Nose (1/4", 3/8", 1/2")
- 1 Bevel (25°), 1 Slot Cutter (1/4")
- 1 V-Groove (1/2"), 1 Panel Pilot (3/8")
- 1 Allen Wrench and 1 bearing to convert Round Over bit into Beading bit, and wood storage box. Available in 1/4" and 1/2" shank.

Code	Description	List
8369	30 Bit Set, 1/2 Shank	\$ 211.63
6069	30 Bit Set, 1/4 Shank	218.09

FLUSH TRIM ROUTER BITS - MLCS



2 flute, carbide tipped flush trim bits with totally enclosed ball bearing guides. For use in trimming laminates and pattern routing.



V-notch bits make a "V" where two pieces join together, hiding a less than perfect joint.

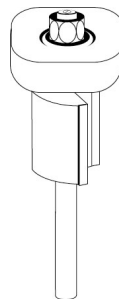
Code	Bit	Large Dia.	Cutting Length	Shank Size	List
5500	Flush	3/8"	1/2"	1/4"	\$ 15.20
5501	Flush	3/8"	1"	1/4"	24.77
5503	Flush	1/2"	1"	1/4"	21.57

EURO-TRIMMER LAMINATE TRIMMING BIT

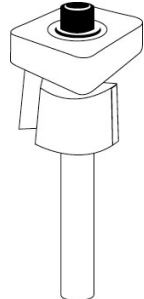
Revolutionary Design



Square
Teflon Bearing



ET-34



ET-12

The Euro-Trimmer with square Teflon bearing will not scratch laminates, and glue will not stick to the bearing (other designs clog with contact adhesive).

The 3/4" diameter cutter with a 2° bevel provides very smooth cuts. When using the bit there is no need to lubricate surface. Do the same work in less time.

Specifications: Cutter: Tungsten Carbide
Bearing: Black Teflon

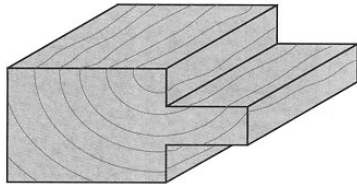
Code	Description	List
ET-12	1/2" Euro-Trimmer with 1/4" Shank For hand held routers	\$ 43.06
ET-34	3/4" Euro-Trimmer with 1/4" Shank For larger routers and router tables	46.87
ET12B	Teflon bearing for ET-12	13.83
ET34B	Teflon bearing for ET-34	13.17

CMT

ROUTER BITS

CMT RABBETING BITS

Carbide tipped.
 With ball-bearing guides

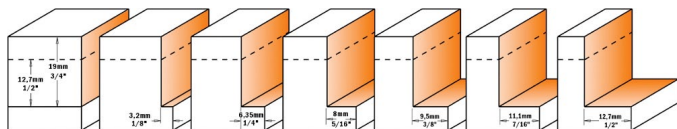


Carbide faced rabbeting bits are fast and accurate. You can quickly produce 3/8" inset doors and drawer fronts, make strong rabbeted joints, mill perfect tongue and groove joints, etc.

Code	Shank	Cut Dia.	Cut Length	Cut Depth	Bearing Dia.	List
835.317.11	1/4"	1-1/4"	1/2"	3/8"	1/2"	\$ 35.10
835.817.11	1/2"	1-1/4"	1/2"	3/8"	1/2"	36.96

CMT RABBETING SETS

Carbide Tipped

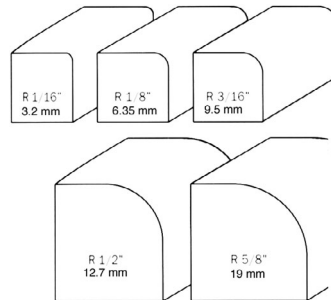


CMT rabbeting sets allow you to make a limitless number of cuts by adjusting the cutting height on your router and changing the bearing on the bit. Each set comes complete with one rabbeting bit and six interchangeable ball-bearing guides.

Code	Shank	Cut Dia.	Cut Length	Cutting Depth	List/set
835.001.11	1/4"	1-3/8"	1/2"	1/8" to 1/2"	\$ 70.88
835.501.11	1/2"	1-3/8"	1/2"	1/8" to 1/2"	66.22

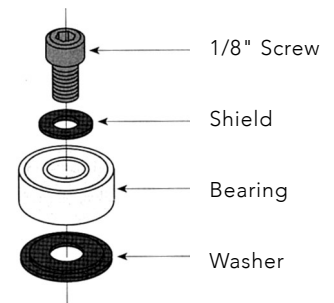
CMT ROUNDOVER BITS

Carbide Tipped. With ball-bearing guides



Code	Shank	Cutting Radius	Ovall Dia.	Cut Length	Bearing Dia.	List
838.190.11	1/4"	1/8"	3/4"	1/2"	1/2"	\$ 35.84
838.254.11	1/4"	1/4"	1"	1/2"	1/2"	40.35
838.754.11	1/2"	1/4"	1"	1/2"	1/2"	43.38
838.317.11	1/4"	3/8"	1-1/4"	9/16"	1/2"	41.77
838.817.11	1/2"	3/8"	1-1/4"	9/16"	1/2"	41.70
838.380.11	1/4"	1/2"	1-1/2"	3/4"	1/2"	45.03
838.990.11	1/2"	3/4"	2"	1"	1/2"	74.17

CMT BEARINGS



BE SURE to keep the black bearing washer right side up to correspond with the bearing rotation when re-assembling the bearing.

Code	Outside Dia.	Inside Dia.	List
791.002.00	3/8"	3/16"	\$ 5.68
791.003.00	1/2"	3/16"	4.60

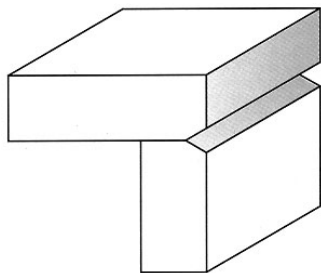


ROUTER BITS

CMT

CMT FLUSH & V-GROOVE BITS

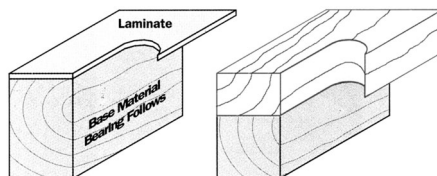
Carbide Tipped with
ball-bearing guide.



<u>Code</u>	<u>Cut Shank</u>	<u>Cut Dia.</u>	<u>Ovall Length</u>	<u>Length</u>	<u>List</u>
853.001.11	1/4"	1/2"	1"	3/4"	\$ 33.72
853.501.11	1/2"	1/2"	1"	3/4"	37.50

CMT FLUSH TRIM BITS

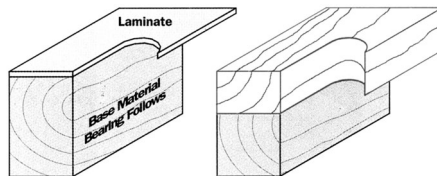
Carbide Tipped with
ball-bearing guides.



<u>Code</u>	<u>Shank</u>	<u>Cut Dia.</u>	<u>Cut Length</u>	<u>Bearing Dia.</u>	<u>List</u>
806.096.11	1/4"	3/8"	1/2"	3/8"	\$ 23.21
806.128.11	1/4"	1/2"	1/2"	1/2"	22.81
806.127.11	1/4"	1/2"	1"	1/2"	21.79
806.627.11	1/2"	1/2"	1"	1/2"	25.71

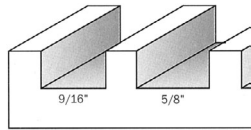
CMT SUPER-DUTY FLUSH TRIM BITS

Carbide Tipped with
ball-bearing guides.



New super duty bits represent the finest of the CMT flush trim bits with ball-bearing guides. Negative shear angle cutting edge and 3/4" cutting diameter. A superior finish with absolute minimal chipping.

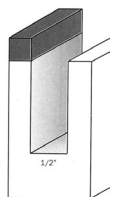
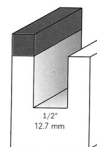
<u>Code</u>	<u>Shank</u>	<u>Cut Dia.</u>	<u>Cut Length</u>	<u>List</u>
806.191.11	1/4"	3/4"	1"	\$ 34.13
806.691.11	1/2"	3/4"	1"	37.31
806.690.11	1/2"	3/4"	2"	46.20

**CMT****ROUTER BITS****CMT STRAIGHT BITS****812**
Long Series**811**
Short Series**Long Series - 812 Carbide Tipped**

Code	Shank	Cut Dia.	Cut Length	Overall Length	List
812.595.11	1/2"	3/8"	1-1/4"	2-7/8"	\$ 25.50
812.127.11	1/4"	1/2"	1-1/4"	2-3/4"	23.15
812.690.11	1/2"	3/4"	1-1/2"	3-1/4"	31.32

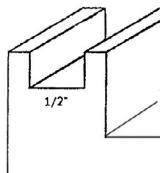
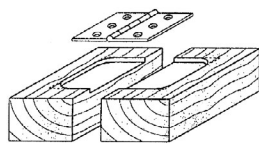
Short Series - 811 Carbide Tipped

811.127.11	1/4"	1/2"	3/4"	2-1/4"	\$ 22.84
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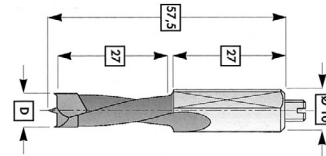
CMT PATTERN BITS - Carbide Tipped**812B**
Long Series**811B**
Short Series

Code	Shank	Cut Dia.	Cut Length	Overall Length	List
812.127.11B	1/4"	1/2"	1-1/4"	2-3/4"	\$ 40.63
811.127.11B	1/4"	1/2"	3/4"	2-1/4"	32.03

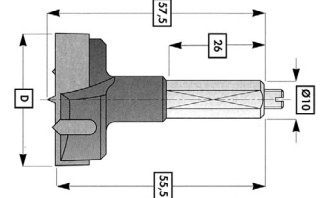
Bearing Dia: 1/2"

CMT MORTISING BITS - Carbide Tipped

Code	Shank	Cut Dia.	Cut Length	List
801.128.11	1/4"	1/2"	5/16"	\$ 23.91

CMT CARBIDE TIPPED BORING BITS

5mm, 8mm



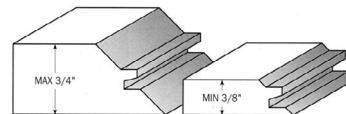
35mm, 40mm

CMT carbide tipped boring bits have "fatigue proof" Swiss steel body, micrograin carbide tips, bake-on PTFE non-stick coating and superb workmanship. Capable of high feed rates in CNC and multi-spindle boring machines. Made in Italy. (Not for use with 3-jawed chucks.)

Bit Dia.	Right Hand	Left Hand	List
5mm	310.050.11	310.050.12	\$ 16.00
8mm	310.080.11	310.080.12	21.12
35mm	317.350.11	--	42.08
40mm	317.400.11	--	64.41

CMT BABY LOCK MITER

Cut Angle 45°



Lock miter bit is ideal for milling miter joints in 3/4" stock. The quick and easy way to accurately create boxes, stretcher bars, frames and any assortment of right angle or parallel joint projects.

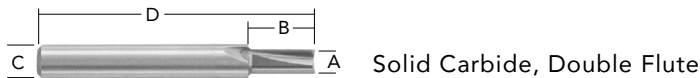
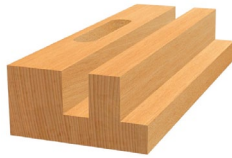
Code	Cut Dia.	Cut Length	Max joint thickness	Shank	List
855.504.11	2"	7/8"	3/4"	1/2"	\$ 119.99

ROUTER BITS

BOSCH

STRAIGHT BITS

Provides exceptional smooth and balanced cutting with minimal vibration. Positive hook angles cut efficiently, and specially designed tips allow for fast plunge cutting. Strong webbing and heavy cutter backing provide superior bit life.



Solid Carbide, Double Flute

Bit No.	A Overall Dia.	B Cutting Edge Lgth	C Shank Dia.	D Overall Length	List
85213M	1/8	7/16	1/4	2	\$ 25.24

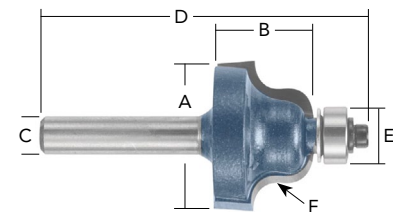


Carbide Tipped,
Double Flute

Bit No.	A Overall Dia.	B Cutting Edge Lgth.	C Shank Dia.	D Overall Length	List
85221M	1/4	5/8	1/4	2	\$ 23.75
85250M	1/4	7/8	1/4	2-1/8	26.18
85223M	9/32	1	1/4	2-1/4	27.13
85224M	5/16	1	1/4	2-1/4	24.44

ROMAN OGEE BIT

Two Flutes, Carbide Tipped, Ball-bearing Pilot
For decorative edging and period furniture.

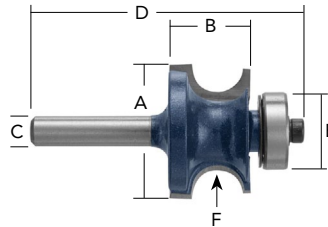


Bit No.	A Overall Dia.	B Cutting Edge Lgth	C Shank Dia.	D Overall Length	E Brng Dia.	F Radius	List
85270M	1	5/8	1/4	2-1/8	1/2	5/32	\$ 52
85271M	1-3/8	7/8	1/4	2-1/4	1/2	1/4	55

EDGE BEADING BIT

Carbide Tipped, Ball-Bearing Pilot

Versatile bit adds attractive edging on new pieces and matches many older molding cuts for remodeling work.

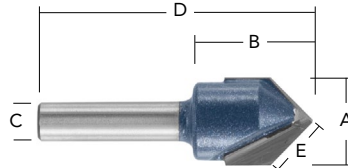


Bit. No.	A Overall Dia.	B Cutting Edge Lgth	C Shank Dia.	D Overall Length	E Brng Dia.	F Radius	List
85668M	1-1/4	3/4	1/4	2-1/4	5/8	1/4	\$ 56

GROOVE FORMING BITS

Carbide Tipped V-groove & Scoring Bits

For door front grooving, lettering and sign work. Shear angle cutter geometry for smooth, efficient cutting.

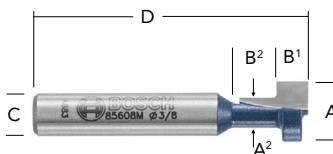


Bit No.	A Overall Dia.	B Cutting Edge Lgth	C Shank Dia.	D Overall Length	E Bevel	List
85219M	9/16	3/4	1/4	1-3/4	3/8 (45°)	\$ 30

GROOVE FORMING BITS & CUTTERS

KEYHOLE BITS - Two Flute, Plunge and Slot Cuts

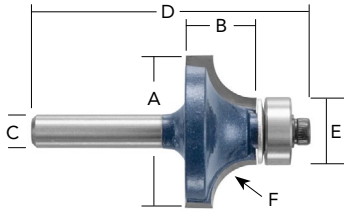
Routes mounting slots in picture frames, plaques.



Bit No.	A1 Large Dia.	A2 Small Dia.	B Cutting Edge	C Shank Dia.	D Overall Lgth	List
85608M	3/8	3/16	3/8	1/4	1-7/8	\$ 30

**BOSCH****ROUTER BITS****ROUNDING OVER BITS****Two Flutes, Carbide Tipped, Ball-Bearing Pilot**

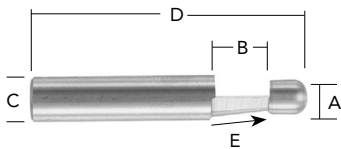
For smooth, uniformly rounded edges. Lower depth setting produces rounded corner with decorative bead.



Bit. No.	A Overall Dia.	B Cutting Edge Lgth.	C Shank Dia.	D Overall Length	E Brng Dia.	F Radius	List
85289M	5/8	5/16	1/4	1-3/4	1/2	1/16	\$ 50
85290M	3/4	3/8	1/4	2	1/2	1/8	50
85588M	3/4	3/8	1/2	2-5/16	1/2	1/8	51

BEVEL TRIMMER - Solid carbide

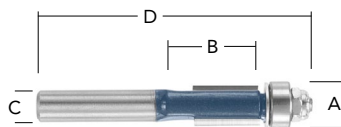
Provides 7-1/2° bevel on trim edge of plastic laminate surfaces. Self-pilot eliminates guide assembly.



Bit No.	A Overall Dia.	B Cutting Edge Lgth.	C Shank Dia.	D Overall Lgth.	E Angle	List
85286	1/4	1/4	1/4	1-1/2	1/2	\$ 14

LAMINATE TRIM BITS & CUTTERS**2 FLUTE LAMINATE FLUSH TRIMMING BITS****Carbide Tipped Ball-Bearing Pilot**

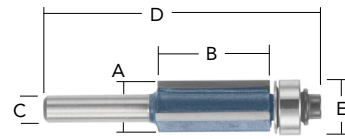
For fast, smooth accurate trim cuts. Shielded compact ball-bearing pilot.



Bit No.	A Overall Dia.	B Cutting Edge Lgth.	C Shank Dia.	D Overall Length	List
85269M	3/8	1/2	1/4	2-1/8	\$ 26
85266M	1/2	1	1/4	2-5/8	26
85441M	1/2	1	1/2	3-1/4	

LAMINATE TRIM BITS & CUTTERS**3 FLUTE LAMINATE FLUSH TRIMMING BIT****Carbide Tipped, Ball-Bearing Pilot**

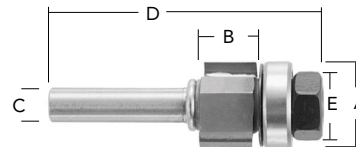
Gives chatter free production trimming with extra smooth trim cut. Compact ball bearing assembly is equipped with glue shield.



Bit No.	A Overall Dia.	B Cutting Edge Lgth.	C Shank Dia.	D Overall Length	E Bearing Dia.	List
85216M	1/2	1	1/4	2-5/8	1/2	\$ 40

2 FLUTE ECONOMY LAMINATE TRIMMER ASSEMBLIES**Carbide Tipped Ball-Bearing Pilot**

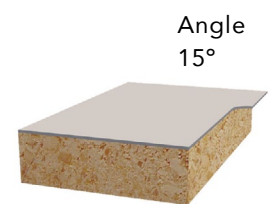
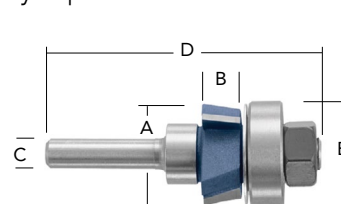
For fast, accurate trim cuts. Economy priced replaceable cutter and bearing.



Bit. No.	A Overall Dia.	B Cutting Edge Lgth.	C Shank Dia.	D Overall Length	E Brng Dia.	Angle	List
85430M	5/8	3/8	1/4	1-15/16	5/8	Flush	\$ 25

4 FLUTE LAMINATE TRIMMER ASSEMBLIES**Carbide Tipped, Ball-Bearing Pilot**

For ultra-smooth finish trimming. Ball-bearing is equipped with glue shield. Components are individually replaceable.



Bit No.	A Overall Dia.	B Cutting Edge Lgth.	C Shank Dia.	D Overall Lgth.	E Bearing Dia.	List
85415M	7/8	5/16	1/4	2-1/8	7/8	\$ 43

**PLUNGE ROUTER BITS****AMANA****STRAIGHT PLUNGE CUTTING BITS****STRAIGHT PLUNGE CUTTING BITS****1/4" Shank - Single Flute**

<u>Tool No.</u>	<u>Cutting Dia.</u>	<u>Cutting Length</u>	<u>Shank Dia.</u>	<u>Overall Length</u>	<u>List</u>
45100	1/8	7/16	1/4	2	\$ 21.78
45102	3/16	7/16	1/4	2	21.79
45108	1/4	1	1/4	2-1/4	23.86

**1/2" Shank - Single Flute**

<u>Tool No.</u>	<u>Cutting Dia.</u>	<u>Cutting Length</u>	<u>Shank Dia.</u>	<u>Overall Length</u>	<u>List</u>
45302	3/8	1	1/2	2-3/4	\$ 27.04

**1/4" Shank - 2 Flute**

<u>Tool No.</u>	<u>Cutting Dia.</u>	<u>Cutting Length</u>	<u>Shank Dia.</u>	<u>Overall Length</u>	<u>List</u>
45200* ∞	1/8	7/16	1/4	2	\$ 23.20
45202*	3/16	7/16	1/4	2	24.87
45204-	1/4	1/2	1/4	2	22.85
45208	1/4	3/4	1/4	2	23.46
45210	1/4	1	1/4	2-1/4	24.16
45218	3/8	1	1/4	2-1/4	26.78
45226	1/2	1	1/4	2-1/8	28.56
45228	5/8	3/4	1/4	2	29.88
45230	3/4	3/4	1/4	2	33.01

1/2" Shank - 2 Flute

<u>Tool No.</u>	<u>Cutting Dia.</u>	<u>Cutting Length</u>	<u>Shank Dia.</u>	<u>Overall Length</u>	<u>List</u>
45408*	1/4	3/4	1/2	2-1/2	\$ 30.28
45412	5/16	1	1/2	2-3/4	28.56
45413	3/8	3/4	1/2	2-1/2	28.16
45414	3/8	1	1/2	2-3/4	28.16
45418	1/2	1	1/2	2-5/8	28.16
45420	1/2	1-1/4	1/2	2-7/8	28.31
45422	1/2	1-1/2	1/2	3-1/8	29.88
45426	1/2	2	1/2	4-1/4	38.67
45427§	1/2	2-1/2	1/2	4-1/2	53.18
45432	5/8	1-1/4	1/2	2-7/8	35.28
45440	3/4	1-1/4	1/2	2-7/8	37.47
45441	3/4	2	1/2	3-5/8	77.19
45442	3/4	1-1/2	1/2	3-1/8	41.88
45448	1	1-1/4	1/2	2-7/8	44.94



- * With solid carbide cutting edge
- § Not guaranteed due to extreme length
- ∞ Not guaranteed due to extreme diameter

**AMANA****ROUTER BITS****FLUSH TRIM BITS**

With Ball-Bearing Guide

**2 Flute**

Tool No.	Flutes	Cutting Dia.	Cutting Length	Shank Dia.	Overall Length	List
47090*	2	1/4	1/2	1/4	2-1/4	\$ 40.64
47092*	2	1/4	1	1/4	2-1/2	42.26
47100	2	3/8	1	1/4	2-5/8	28.31
47102	2	3/8	1/2	1/4	2-1/8	27.93
47104	2	1/2	1	1/4	2-5/8	27.65
47106	2	1/2	1/2	1/4	2-1/4	27.20
47108	2	1/2	1	1/2	3-1/4	29.82

* 1/4" diameter for closer inside corner cutting.

3 Flute

Tool No.	Flutes	Cutting Dia.	Cutting Length	Shank Dia.	Overall Length	List
47114	3	1/2	1	1/4	2-5/8	\$ 37.51

Replacement Bearings:

1/4" dia. = 47723

1/2" dia. = 47706

3/8" dia. = 47702

EXTRA LONG FLUSH TRIM BIT

Tool No.	Flutes	Cutting Dia.	Cutting Length	Shank Dia.	Overall Length	List
47124	2	1/2	1-1/2	1/2	3-7/8	\$ 45.68

Replacement bearing(s) 47706

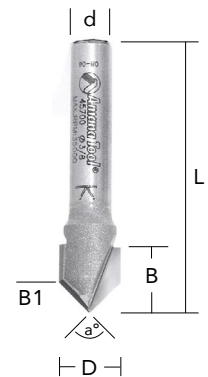
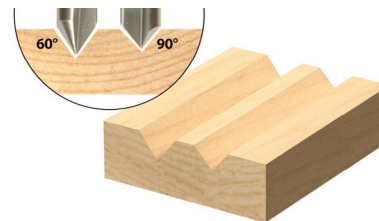
FLUSH TRIM "V" GROOVE BITS - 2 Flute

With Ball-Bearing Guide



Tool No.	Flutes	Cutting Dia.	Cutting Length	Shank Dia.	Overall Length	List
47160	2	5/8	1	1/4	2-1/2	\$ 49.49
47162	2	5/8	1	1/2	3	53.18

Replacement bearing 47706

"V" GROOVE BIT - 2 Flute

Code	a°	D	B	B1	d	L	List
45700	90°	3/8	7/16	3/16	1/4	1-5/8	\$ 39.13
45705	60°	1/2	5/8	7/16	1/4	1-3/4	49.32

FLUSH TRIM PLUNGE BITS - 2 Flute

With Upper Ball-Bearing

Very useful for template and pattern routing where the template is **on top** of the workpiece. Ball-bearing guide rides against the template for an exact duplication. If used on a router table, the pattern will be on the bottom, below the workpiece.



Tool No.	Cutting Dia.	Cutting Length	Shank Dia.	Overall Length	List
45460	1/2	1	1/4	2-1/2	\$ 43.78
45464	3/4	1	1/4	2-1/2	48.02
45468	1-1/8	1-1/2	1/2	3-1/2	100.95

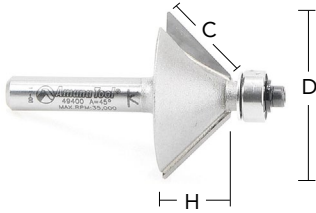


ROUTER BITS

AMANA

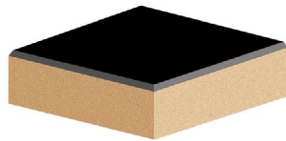
CHAMFER BITS - 2 Flute

With Ball-Bearing Guide



Tool No.	Degree of Angle	'D' Large Dia.	'H' Carb. Ht.	'C' Cut. Lngth	Shank Dia.	OA Length	List
49400	45°	1-1/4	1/2	5/8	1/4	2	\$ 49.13
49402	45°	1-1/4	1/2	5/8	1/2	2-3/8	50.60
49412	30°	1-3/8	3/4	7/8	1/4	2-1/4	53.73

BEVEL TRIM BITS - 3 Flute



Tool No.	Bevel Degree	Flutes	Carbide Height	Shank Dia.	Overall Length	List
47300	23°	3	7/16	1/4	1-7/8	\$ 43.44
47302	7°	3	7/16	1/4	2	45.90

BEADING BITS - 2 Flute

With Ball-Bearing Guide

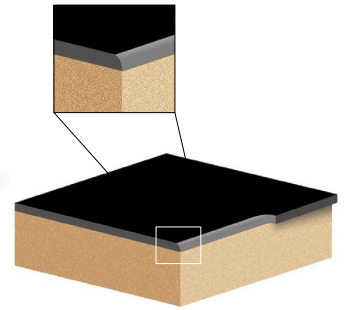


Tool No.	Rad.	Large Dia.	Carb. Ht.	Shank Dia.	Overall Length	List
49604	1/4	1	1/2	1/4	2	\$ 37.88
49612	3/8	1-1/4	5/8	1/4	2-3/16	42.31

Replacement Bearing No. 47702

NO-FILE FLUSH TRIM BIT

with Ball-Bearing Guide



New "No-File™" Bit eliminates hand filing of laminates that normally follows trimming. They will flush trim the laminate and "break" the sharp edges all in one pass. Carbide tip.

Code	Dia.	Cut Length	Shank Dia.	List/ea
47150	1/2"	3/8"	1/4"	\$ 45.60

HELIX LAMINATE TRIMMER - 2 Flute

With Ball-Bearing Guide



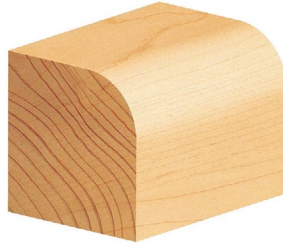
Tool No.	Type of Cut	Flutes	Cutting Dia.	Cutting Length	Shank Dia.	Overall Length	List
47180	Flush	2	5/8	5/8	1/4	2	\$ 39.32
47184	15° Bvl	2	3/4	3/8	1/4	2	42.92

Replacement Bearing for 47180 is 47712

Replacement Bearing for 47184 is 47714

**AMANA****EDGE FORMING BITS****CORNER ROUNDING BITS - 2 Flute**

With Ball-Bearing Guide

1/16" to 1-1/2" Radius

Tool No.	Radius	Large Dia.	Carbide Height	Shank Dia.	Overall Length	List
49492	1/16	5/8	5/16	1/4	1-3/4	\$ 33.94
49496	1/8	3/4	3/8	1/4	2	35.44
49499	5/32	3/4	3/8	1/4	2	37.69
49504	1/4	1	1/2	1/4	2	37.85
49506	1/4	1	1/2	1/2	2-7/16	37.85
49508	5/16	1-1/8	1/2	1/4	2-1/16	37.85
49512	3/8	1-1/4	5/8	1/4	2-3/16	42.31
49514	3/8	1-1/4	5/8	1/2	2-9/16	42.31
49516	1/2	1-1/2	3/4	1/4	2-1/4	49.64
49518	1/2	1-1/2	3/4	1/2	2-5/8	49.86
49519	5/8	1-3/4	7/8	1/2	2-3/4	74.76
49520	3/4	2	1	1/2	2-7/8	82.76
49522*	1	2-1/2	1-1/4	1/2	3-3/16	161.20
49526*	1-1/2	3-1/2	1-3/4	1/2	3-5/8	241.83

Replacement Bearing 47706

* Not guaranteed due to extreme diameter and radius. For best results it is recommended to use a smaller radius bit or chamfer the material prior to using these large radius tools. Tool life will be prolonged and a smoother finish will result.

COVE BITS - 2 Flute

With Ball-Bearing Guide

**3/16" to 1/2" Radius**

Tool No.	Rad.	Large Dia.	Carbide Height	Shank Dia.	OA Length	List
49112	3/8	1-1/8	9/16	1/4	2	\$ 52.56
49118	1/2	1-3/8	3/4	1/2	2-1/2	62.38

STAGGER TOOTH PLUNGE CUTTING BITS

Tool No.	Cutting Dia.	Shank Dia.	Cutting Length	Overall Length	List
51308	1/2	1/2	2	4-1/4	\$ 40.84

MORTISING BIT - 2 Flute

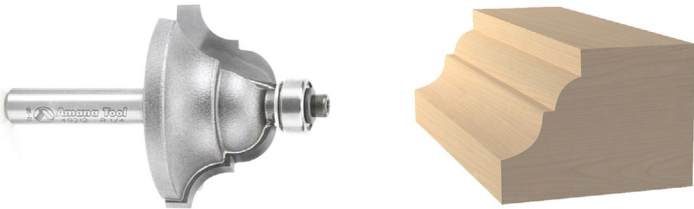
Note: A proper mortising bit, as shown, should have a large gullet between the two flutes, indicated with the arrow.



Tool No.	Cutting Dia.	Cutting Length	Shank Dia.	Overall Length	List
45500	1/2	3/4	1/4	2	\$ 25.88

**ROUTER BITS****AMANA****DOUBLE ROMAN OGEE BITS - 2 Flute**

With Ball-Bearing Guide



<u>Tool No.</u>	<u>Large Dia.</u>	<u>Each Radius</u>	<u>Carbide Height</u>	<u>OA Length</u>	<u>Shank Dia.</u>	<u>List</u>
49212	1-3/8	1/4	7/8	2-1/4	1/4	\$ 71.33

BEVEL TRIM - 2 Flute

With Ball-Bearing Guide



<u>Tool No.</u>	<u>Angle Deg.</u>	<u>Dia.</u>	<u>Cutting Height</u>	<u>OA Length</u>	<u>Shank Dia.</u>	<u>List</u>
47200	15°	5/8	9/32	1-7/8	1/4	\$ 33.51

ROUTER ARBORS WITH HEX NUT AND WASHERS

Application: 2 and 3-wing slotting assemblies and single 4-wing trim cutter assemblies.

<u>Code</u>	<u>D</u>	<u>B</u>	<u>C</u>	<u>d</u>	<u>A</u>	<u>List</u>
47600	5/16-24 NF	7/8	2-3/8	1/4	1-1/4	\$ 7.03
47604	5/16-24 NF	7/8	2-3/8	1/2	1-1/2	7.03

ROMAN OGEE BITS - 2 Flute

With Ball-Bearing Guide



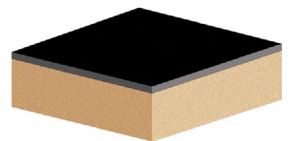
<u>Tool No.</u>	<u>Large Dia.</u>	<u>Each Radius</u>	<u>Carbide Height</u>	<u>OA Length</u>	<u>Shank Dia.</u>	<u>List</u>
49200	1	5/32	5/8	2-1/8	1/4	\$ 46.96
49204	1-3/8	1/4	7/8	2-1/4	1/2	46.96
49206	1-3/8	1/4	7/8	2-5/8	1/2	50.15

PANEL PILOT BITS - 1 Flute

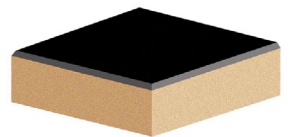
Solid Carbide



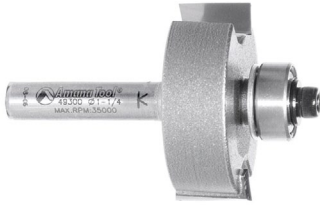
51200



51202



<u>Tool No.</u>	<u>Type of Cut</u>	<u>Cut. Dia.</u>	<u>Shank Dia.</u>	<u>Cut. Length</u>	<u>Overall Length</u>	<u>List</u>
51200	Flush	1/4	1/4	1/4	1-1/2	\$ 19.01
51202	7°	1/4	1/4	1/4	1-1/2	19.01

**AMANA****RABBETING BITS - 2 Flute - Depth of Rabbet 3/8"**
With Ball-Bearing Guide

Tool No.	Cutting Dia.	Cutting Length	Shank Dia.	Overall Length	List
49300	1-1/4	1/2	1/4	2	\$ 49.99
49302	1-1/4	1/2	1/2	2-3/8	52.72

Replacement Bearings:

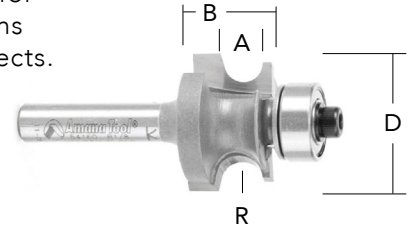
3/8 Rabbet	47706
7/16 Rabbet	47702

RABBETING BITS - 2 FluteWith 4 Ball-Bearings
Four Different Depth of Rabbet

Tool No.	Cutting Dia.	Cutting Length	Shank Dia.	Overall Length	List
49340	1-3/8	1/2	1/4	2	\$ 67.89
49350	1-3/8	1/2	1/2	2-3/8	67.89

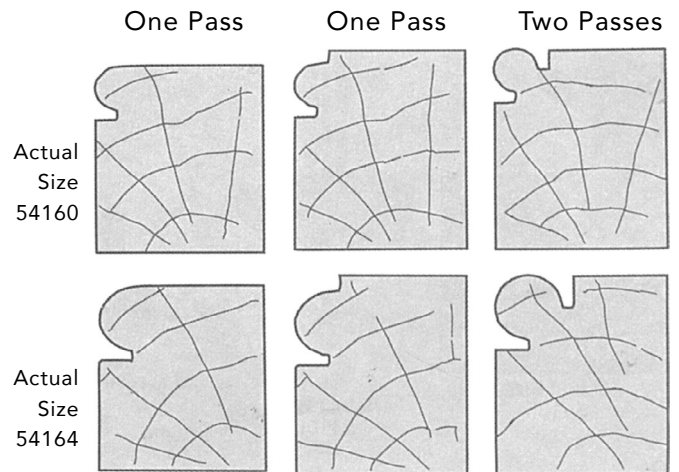
Replacement Bearings:

1/2 Rabbet	47702
7/16 Rabbet	47706

ROUTER BITS**CORNER BEADING BITS - 2 Flute**
With Ball-Bearing GuideParticularly suitable for
antique reproductions
and restoration projects.

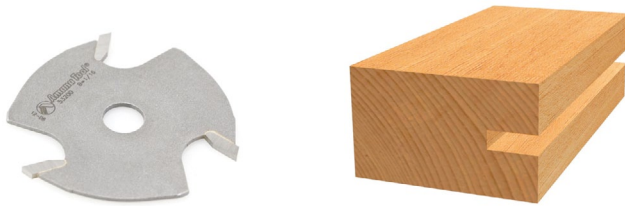
Tool No.	'R' Radius	'D' Large Dia.	'A' Opening	'B' Carbide Height	Shank Dia.	OA Length	List
54160	1/8	7/8	1/4	9/16	1/4	2-1/8	\$ 57.73
54164	3/16	1-1/8	3/8	11/16	1/4	2-1/4	65.11

Replacement bearing for 54160 use 47706.

**SPECIAL AMEROCK**
HINGE BITS - 2 Flute

Tool No.	Cutting Dia.	Cutting Length	Shank Dia.	Overall Length	List
48100	1-1/8	21/32	3/8	2	\$ 49.49
48102	1-19/32	21/32	3/8	2	53.68

* NOTE: These bits are not guaranteed due to extreme length.

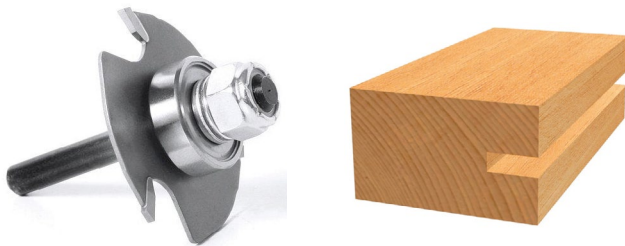
**ROUTER BITS****AMANA****3 WING SLOTING CUTTERS**

<u>Tool No.</u>	<u>Kerf</u>	<u>Dia.</u>	<u>Bore</u>	<u>List</u>
53200	1/16	1-7/8	5/16	\$ 27.80
53202	5/64	1-7/8	5/16	27.80
53204	3/32	1-7/8	5/16	28.61
53210	1/4	1-7/8	5/16	32.81

SLOTING CUTTER ASSEMBLIES

3 Wing
1/2" Depth of Cut
1/4" Shank,
1-7/8" Diameter
2-1/8" Overall Length

Replacement Arbors:
1/4" shank - 47600
1/2" shank - 47604



<u>Code</u>	<u>Kerf</u>	<u>List</u>
53400	1/16"	\$ 40.64
53402	5/64"	41.15
53406	1/8"	44.13
53407*	5/32"	45.24
53408	3/16"	45.24

Note: All above assemblies include cutter, arbor and ball-bearing and are ready to use.
*5/32 size also used for 'biscuit-joint' cutting.

DOVETAIL BITS - 2 Flute

<u>Tool No.</u>	<u>Degree</u>	<u>Cutting Dia.</u>	<u>Carbide Height</u>	<u>Shank Dia.</u>	<u>Overall Length</u>	<u>List</u>
45804	14°	1/2	1/2	1/4	1-3/4	\$ 30.53
45806	14°	1/2	1/2	1/2	2-3/8	34.32

CORE BOX BITS - 2 Flute

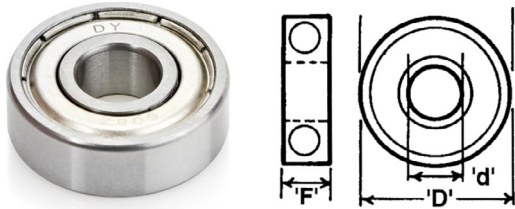
<u>Tool No.</u>	<u>Radius</u>	<u>Cutting Dia.</u>	<u>Carbide Height</u>	<u>Shank Dia.</u>	<u>Overall Length</u>	<u>List</u>
45906	3/16	3/8	1/4	1/4	1-1/2	\$ 41.65
45910	1/4	1/2	3/8	1/4	1-1/2	42.66
45918	3/8	3/4	7/16	1/4	1-3/4	45.50
45920	3/8	3/4	7/16	1/2	2	60.81
45926	1/2	1	11/16	1/2	2-1/8	88.61

OGEE FILLET - 2 Flute

With Ball-Bearing Guide
(Max RPM 18 = 18,000)



<u>Tool No.</u>	<u>Dia.</u>	<u>Each Radius</u>	<u>Cutting Height</u>	<u>OA Length</u>	<u>Shank Dia.</u>	<u>List</u>
54110	1-3/8	5/32	1/2	2-1/16	1/4	\$ 93.92

**AMANA****ROUTER BIT PARTS****AMANA ROUTER BITS REPLACEMENT PARTS****STEEL BALL BEARING GUIDES**

Amana uses only the finest **industrial quality precision ball-bearings** available. Bearings are double steel shielded for extra rigidity and to inhibit dust. A special high-performance, high-temperature grease is used for maximum life.

Note: Solvents should not be used to clean ball-bearings, as this will deteriorate the special grease. 'Frozen' bearings (ones that do not rotate freely), should be replaced immediately.

FRACTIONAL - LISTED BY SIZE

Tool No.	'd' Inside Dia.	'D' Out-side Dia.	'F' Face Width	Application	List
47723	1/8	1/4	.110(7/64)	47090, 47092 1/4" diameter trim bits	\$ 12.03
47702	3/16	3/8	.124(1/8)	3/8" diameter flush trim, all beading bits (49300/49302), 49340, 49350, 49540, 49542, 49550, many types of form bits	7.71
47706	3/16	1/2	.195(3/16)	Our most popular bearing. Fits 1/2" diameter flush trim, some bevel trim, all corner rounds, raised panel, rabbet, ovolo, many types of form bits, and 51570, 54160, 54162, 54198, 54370, 54200, 54220	6.39
47712	1/4	5/8	.195(3/16)	45462, 45476, 45478, 45479, 45809, 45811, 47180, 51530, 51532, 51534, 54188, 54190, 54192, 54194, 54296, 54324, 54350, 54352, 54354, 54356, 57100, 57106, 57112, "RC" series bevel trim bits	7.55

