

Wood Bits and Spiral Plug Cutter



Multi-Spur Machine Bits



Bits up to and including 3" diameter have 1/2" diameter shanks. Bits 3-1/8" to 4" in diameter have 3/4" diameter shanks.

Cutting Diameter (Inches)	Catalog Number	Cutting Diameter (Inches)	Catalog Number
1/2	----- N/A -----	1-11/16	820-MR14927
9/16	----- N/A -----	1-3/4	820-MR14928
5/8	----- N/A -----	1-13/16	820-MR14929
11/16	820-MR14911	1-7/8	820-MR14930
3/4	820-MR14912	1-15/16	820-MR14931
13/16	820-MR14913	2	820-MR14932
7/8	820-MR14914	2-1/8	820-MR14934
15/16	820-MR14915	2-1/4	820-MR14936
1	820-MR14916	2-3/8	820-MR14938
1-1/16	820-MR14917	2-1/2	820-MR14940
1-1/8	820-MR14918	2-5/8	820-MR14942
1-3/16	820-MR14919	2-3/4	820-MR14944
1-1/4	820-MR14920	2-7/8	820-MR14946
1-5/16	820-MR14921	3	820-MR14948
1-3/8	820-MR14922	3-1/8	820-MR14950
1-7/16	820-MR14923	3-1/4	820-MR14952
1-1/2	820-MR14924	3-1/2	820-MR14956
1-9/16	820-MR14925	3-3/4	820-MR14960
1-5/8	820-MR14926	4	820-MR14964

No. 100 Heavy Duty Spiral Plug Cutter



Plug Diameter (Inches)	Catalog Number
3/8	820-MP10006
1/2	----- N/A -----
5/8	----- N/A -----
3/4	----- N/A -----
1	----- N/A -----

Forstner Bits for Hard Woods



Forstner Bits with machine shanks are specially adapted for working hard woods. They are guided by accurately ground circular rims instead of their centers; consequently they bore any arc of a circle, and will be guided in any direction regardless of grain structure or knots.

These bits are more efficient for coreboxes and delicate patterns than chisels, gouges, scroll-saws, or lathe tools.

Dimensions (Inches)			Catalog Number
Bore Diameter	Overall Length	Shank Diameter	
1/4	5	5/16	820-MQ6004
5/16	5	5/16	820-MQ6005
3/8	5	3/8	820-MQ6006
7/16	5	1/2	820-MQ6007
1/2	5	1/2	820-MQ6008
9/16	5	1/2	820-MQ6009
5/8	5	1/2	820-MQ6010
11/16	5	1/2	820-MQ6011
3/4	5	1/2	820-MQ6012
13/16	5	1/2	820-MQ6013
7/8	5	1/2	820-MQ6014
15/16	5	1/2	820-MQ6015
1	5	1/2	820-MQ6016
1-1/16	5	1/2	820-MQ6017
1-1/8	5	1/2	820-MQ6018
1-3/16	5	1/2	820-MQ6019
1-1/4	5	1/2	820-MQ6020
1-5/16	5	1/2	820-MQ6021
1-3/8	5	1/2	820-MQ6022
1-7/16	6-3/4	1/2	820-MQ6023
1-1/2	6-3/4	1/2	820-MQ6024
1-5/8	6-3/4	1/2	820-MQ6026
1-3/4	6-3/4	1/2	820-MQ6028
1-7/8	6-3/4	1/2	820-MQ6030
2	6-3/4	1/2	820-MQ6032
2-1/8	6-3/4	1/2	820-MQ6034
2-1/4	10-1/2	3/4	820-MQ6036
2-3/8	10-1/2	3/4	820-MQ6038
2-1/2	10-1/2	3/4	820-MQ6040
2-5/8	10-1/2	3/4	820-MQ6042
2-3/4	10-1/2	3/4	820-MQ6044
2-7/8	10-1/2	3/4	820-MQ6046
3	10-1/2	3/4	820-MQ6048

Pattern Shop Tools

To order specify catalog number and quantity required.



Master™ Surfacers

Master™ 1-1/2" Carbide Surfacing Tool



This handy tool can be used advantageously with any permanently mounted high-speed router for accurately surfacing wood, impregnated wood, and plastic.

The MASTER Carbide Surfacing Tool has a long life (20 times that of high-speed steel) and can be resharpened. Extra blades are available. Blade diameter 1-1/2"; height 1-3/4"; shaft diameter 1-1/2".

Warning: Do not operate at speeds higher than 18,000 RPM.

Catalog Number	Description
681-C1	MASTER 1-1/2" Carbide Surfacing Tool
681-P001	Body Only
681-P011	Carbide Tipped Blade Only
681-P022	Screw (1 Required)

To order specify catalog number and quantity required.

Master™ 3" Carbide Rotary Surfacers



If used properly and with reasonable care, the MASTER Carbide Rotary Surfacers will last approximately 20 times longer than an ordinary tool made from high-speed steel. Blade diameter 3"; height 1-3/4"; shaft diameter 1/2".

Warning: Do not operate at speeds higher than 7500 RPM.

Catalog Number	Description
681-C3	MASTER 3" Carbide Rotary Surfacers
681-P031	Body Only
681-P041	Carbide Tipped Blade Only
681-P052	Screws (3 Required)

Resharpening

When the blade is dull or a tip is broken, the Kindt-Collins Company can resharpen and/or replace the carbide tips on the blade of the MASTER Carbide Surfacing Tool or the MASTER Carbide Rotary Surfacers. In the event that all three tips need replacing, we recommend purchase of a new blade.

To insure full use of the MASTER Carbide Surfacing Tool or MASTER Carbide Rotary Surfacers, we suggest the purchase of extra carbide tipped blades to use during the resharpening process.

The MASTER Carbide Rotary Surfacers was designed for use with drill presses operating at speeds from 4800 to 7500 RPM. The carbide cutting blades on this surfacer are specially ground to insure smooth, accurate results and safe operation on soft and hard woods, impregnated lumber, and plastics. Under normal working conditions the tool will not grab or throw the work.

To order specify catalog number and quantity required.

Wagner Safe-T-Planer, PSA Disk Holder



The Wagner Safe-T-Planer is designed to do accurate planing, rabbeting, tenoning, panel raising, moulding, and staving.

The construction of this planer is top quality throughout. The three circular-type cutters are made from the finest hi-speed steel, heat treated, and precision ground to very close tolerances. The body is die cast aluminum, precisely

machined, balanced, and polished. The screws that hold the cutters in position are a special design and made from tool steel. Warning: Do not replace the screws.

Safe-T-Planers may be used on any drill press with 1/2" chuck at operating speeds from 3000 to 6000 RPM's. Warning: Do not operate at speeds higher than those recommended.

Specifications

Planer diameter 3"
 Shank diameter 1/2"
 Depth of cut 1/4"
 Diameter of cut 3-1/8"

Description	Catalog Number
Wagner Safe-T-Planer, Complete	837-WPDP1
Set of Blades (3)	837-WPDP2
Grinding Wheel	837-WPGW
Arbor with Allen Wrench	837-WPA
Screws (3 Required)	837-WPS

Heavy Duty Aluminum PSA Disk Holder (No Longer Available)

Precision engineered cast aluminum holder for holding 3" pressure sensitive abrasive disks. Features 1/2" shank.

Description	Catalog Number
3" PSA Disk Holder	-- N/A --

To order specify catalog number and quantity desired.





Router Bits – High-Speed Steel & Carbide Tipped

Available in many styles

Porter-Cable Router Bits and Cutters are recommended for use with hand-held routers and other similar devices. High-Speed Steel or Carbide-Tipped Router Bits are available in conventional one-piece models or screw-type models.

Carbide-Tipped Router Bits are recommended for production cutting operations or when working with tough, more abrasive materials such as flake board, plastic laminates, plywood, and composition materials.



STRAIGHT ROUTER BIT
for
General Stock Removal
Slotting
Mortising
Grooving
Rabbeting



COREBOX ROUTER BIT
for
Reeding
Fluting
General Ornamentation

One-Piece Double Flute

Cutting Diameter (Inches)	Flute Length (Inches)	Shank		Catalog Number
		Diameter (Inches)	Length (Inches)	
High-Speed Steel				
1/4	5/8	1/4	1-1/4	820-RF43610
1/4	3/4	1/4	1-1/4	820-RF43611
1/4	1	1/4	1-1/4	820-RF43612
5/16	3/4	1/4	1-1/4	820-RF43303
3/8	1	1/4	1-1/4	820-RF43309
1/2	1	1/4	1-1/4	820-RF43321
1/2	1-1/2	1/2	1-1/2	820-RF43614
5/8	3/4	1/4	1-1/4	820-RF43330
3/4	1	1/4	1-1/4	820-RF43336
3/4	1-1/4	1/2	1-1/2	820-RF43616
1	1-1/4	1/2	1-1/2	820-RF43618
Carbide Tipped				
3/16	1/2	1/4	1-1/4	820-RB43051
1/4	7/8	1/4	1-1/4	820-RB43718
1/4	1	1/4	1-1/4	820-RB43742
5/16	1	1/4	1-1/4	820-RB43300
3/8	1	1/4	1-1/4	820-RB43312
3/8	1	1/2	1-1/2	820-RB43719
1/2	1	1/4	1-1/4	820-RB43318
1/2	1	1/2	1-1/2	820-RB43057
1/2	1-1/4	1/2	1-1/2	820-RB43058
1/2	1-1/2	1/2	1-1/2	820-RB43720
1/2	2	1/2	2	820-RB43721
9/16	1	1/4	1-1/4	820-RB43327
3/4	1-1/4	1/2	1-1/2	820-RB43722
5/8	1	1/4	1-1/4	820-RB43333
7/8	1-1/4	1/2	1-1/2	820-RB43062
11/16	1	1/4	1-1/4	820-RB43208
3/4	1	1/4	1-1/4	820-RB43052
1	1-1/4	1/2	1-1/2	820-RB43063

Cutting Diameter (Inches)	Flute Length (Inches)	Shank		Catalog Number
		Diameter (Inches)	Length (Inches)	
High-Speed Steel				
3/8	1/4	1/4	1-1/4	820-RK43144
1/2	3/8	1/4	1-1/4	820-RK43145
5/8	13/32	1/4	1-1/4	820-RK43146
3/4	15/32	1/4	1-1/4	820-RK43147
Carbide Tipped				
1/4	1/4	1/4	1-5/16	820-RM43647
3/8	11/32	1/4	1	820-RM43648
1/2	11/32	1/4	1	820-RM43649
5/8	3/8	1/4	1	820-RM43650
3/4	15/32	1/4	1	820-RM43651



CORNER ROUND ROUTER BIT
for
Edge Rounding

Solid Pilot

Cutting Diameter (Inches)	Flute Length (Inches)	Shank		Catalog Number
		Diameter (Inches)	Length (Inches)	
Carbide Tipped				
1/4	7/16	1/4	1-1/4	820-RH43403
3/8	19/32	1/4	1-1/4	820-RH43406

Ball Bearing

3/16	7/16	1/4	1-1/4	820-RJ43085
1/4	7/16	1/4	1-1/4	820-RJ43402
5/16	9/16	1/4	1-1/4	820-RJ43086
3/8	19/32	1/4	1-1/4	820-RJ43405
1/2	11/16	1/4	1-1/4	820-RJ43408
1/2	3/4	1/2	1-1/2	820-RJ43091
3/4	1-1/4	1/2	1-1/2	820-RJ43092

To order specify catalog number and quantity desired.