



starcraft[®]

PROFESSIONAL TOOLS



WOOD BITS

1001 HCS BRAD POINT WOOD DRILL BITS



- Made of high carbon steel with brad point and 2 shouldered cutting spurs.
- Centre point enters first; prevents "skating".
- Cutting flutes are engineered for optimum chip ejection so drill will not bind and burn out.
- For drilling accurate, splinter-free holes in soft wood, hard wood, plywood and hardboard.

ITEM NO.	DIA. (MM)	SHANK DIA. (MM)	OVERALL LENGTH (MM)
10010201N	3	3	60
10010204N	4	4	75
10010207N	5	5	85
10010209N	6	6	100
10010211N	7	7	100
10010213N	8	8	120
10010215N	9	9	120
10010217N	10	10	120
10010219N	11	10	150
10010221N	12	10	150
10010223N	13	10	150
10010225N	14	10	150
10010227N	15	10	150
10010229N	16	10	160
10010230N	17	12	160
10010231N	18	12	160
10010232N	19	12	160
10010233N	20	12	160
10010234N	21	12	160
10010235N	22	12	160
10010236N	23	12	160
10010237N	24	12	160
10010238N	25	12	160
10010239N	26	12	160

ITEM NO.	DIA. (INCH)	SHANK DIA. (INCH)	OVERALL LENGTH (INCH)
10019202N	1/8	1/8	2-3/8
10019204N	5/32	5/32	3-1/16
10019206N	3/16	3/16	3-1/2
10019208N	7/32	7/32	3-23/32
10019209N	15/64	15/64	3-27/32
10019210N	1/4	1/4"	3-31/32
10019211N	17/64	17/64	4-1/8
10019212N	9/32	9/32	4-3/16
10019214N	5/16	5/16	4-7/16
10019216N	11/32	11/32	4-25/32
10019217N	23/64	23/64	4-25/32
10019218N	3/8	3/8	5
10019219N	25/64	3/8	5-1/32
10019220N	13/32	3/8	5-3/16
10019222N	7/16	3/8	5-1/2
10019223N	29/64	3/8	5-5/8
10019224N	15/32	3/8	5-3/4
10019225N	31/64	3/8	5-3/4
10019226N	1/2	3/8	5-3/4
10019228N	9/16	3/8	6
10019232N	5/8	3/8	7
10019233N	3/4	3/8	7-3/4
10019234N	7/8	3/8	8-1/4
10019235N	1	3/8	8-3/4

* Drill bits with 200mm,300mm,400mm,600mm overall length available.

* Drill bits with 8",12",16" overall length available.



INDIVIDUAL PACKAGE DISPLAY
PACKED IN TRAPPED BLISTER CARD



100115

**5pcs Brad Point Wood Drill Bits Set
in Plastic Box**
contains: 4, 5, 6, 8, 10mm



100116

**8pcs Brad Point Wood Drill Bits set
in Plastic Box**
contains: 3, 4, 5, 6, 7, 8, 9, 10mm

* Other Sets available upon request.

1002 / HSS BRAD POINT WOOD DRILL BITS



- Made of high speed steel with brad point and 2 shouldered cutting spurs.
- HSS construction provides extra durability and edge retention.
- 10X longer cutting life than high carbon steel wood bits.
- The choice for serious woodworkers.
- For drilling accurate, splinter-free holes in soft wood, hard wood, plywood and hardboard.
- Use in hand drills, electric portable drills, drill presses and lathes.

ITEM NO.	DIA. (MM)	SHANK DIA. (MM)	OVERALL LENGTH (MM)
10020201N	3	3	60
10020204N	4	4	75
10020207N	5	5	85
10020209N	6	6	100
10020211N	7	7	100
10020213N	8	8	120
10020215N	9	9	120
10020217N	10	10	120
10020219N	11	10	150
10020221N	12	10	150
10020223N	13	10	150
10020225N	14	10	150
10020227N	15	10	150
10020229N	16	10	160
10020230N	17	12	160
10020231N	18	12	160
10020232N	19	12	160
10020233N	20	12	160
10020234N	21	12	160
10020235N	22	12	160
10020236N	23	12	160
10020237N	24	12	160
10020238N	25	12	160
10020239N	26	12	160

ITEM NO.	DIA. (INCH)	SHANK DIA. (INCH)	OVERALL LENGTH (INCH)
10029202N	1/8	1/8	2-3/8
10029204N	5/32	5/32	3-1/16
10029206N	3/16	3/16	3-1/2
10029208N	7/32	7/32	3-23/32
10029209N	15/64	15/64	3-27/32
10029210N	1/4	1/4"	3-31/32
10029211N	17/64	17/64	4-1/8
10029212N	9/32	9/32	4-3/16
10029214N	5/16	5/16	4-7/16
10029216N	11/32	11/32	4-25/32
10029217N	23/64	23/64	4-25/32
10029218N	3/8	3/8	5
10029219N	25/64	3/8	5-1/32
10029220N	13/32	3/8	5-3/16
10029222N	7/16	3/8	5-1/2
10029223N	29/64	3/8	5-5/8
10029224N	15/32	3/8	5-3/4
10029225N	31/64	3/8	5-3/4
10029226N	1/2	3/8	5-3/4
10029228N	9/16	3/8	6
10029232N	5/8	3/8	7
10029233N	3/4	3/8	7-3/4
10029234N	7/8	3/8	8-1/4
10029235N	1	3/8	8-3/4

* Drill bits with 200mm, 300mm, 400mm, 600mm overall length available.

* Drill bits with 8", 12", 16" overall length available.



INDIVIDUAL PACKAGE DISPLAY
PACKED IN TRAPPED BLISTER CARD



100201

5pcs HSS Brad Point Wood Drill Bits Set
in Plastic Box
contains: 4, 5, 6, 8, 10mm



100206

8pcs HSS Brad Point Wood Drill Bits Set
in Plastic Box
contains: 3, 4, 5, 6, 7, 8, 9, 10mm

* Other Sets available upon request.

1032 WOOD SPADE BIT



1/4"
HEX SHANK



INDIVIDUAL PACKAGE DISPLAY
PACKED IN TRAPPED BLISTER CARD

- Forged in one piece from High Carbon Steel.
- Grooved cutting edges cut wood instead of scraping it away, resulting in reduced heat built-up and cutting edges that stay sharper longer.
- Double positive spurs scribe the hole before the chips are made. This provides a cleaner hole inside and reduce vibration.
- Long centre point for accurate hole location.
- High visibility stamped size marking for fast and easy identification.
- Full length heat treatment guards against bending bit in heavy-duty applications.
- 1/4" Quick-Change hex shank won't slip in the chuck and fits quick-change impact drivers.
- For boring smooth, clean, perfectly defined holes in soft and close grained wood, chipboard and floor board.

ITEM NO.	DIA. (MM)	OVERALL LENGTH (MM)
10320301N	6	152
10320302N	8	152
10320303N	10	152
10320304N	11	152
10320305N	12	152
10320306N	13	152
10320307N	14	152
10320308N	15	152
10320309N	16	152
10320310N	17	152
10320311N	18	152
10320312N	19	152
10320313N	20	152
10320314N	22	152
10320315N	24	152
10320316N	25	152
10320317N	26	152
10320318N	28	152
10320319N	30	152
10320320N	32	152
10320321N	35	152
10320322N	38	152
10320323N	40	152

ITEM NO.	DIA. (INCH)	OVERALL LENGTH (INCH)
10329301N	1/4	6
10329302N	5/16	6
10329303N	3/8	6
10329304N	7/16	6
10329305N	15/32	6
10329306N	1/2	6
10329307N	9/16	6
10329308N	19/32	6
10329309N	5/8	6
10329310N	21/32	6
10329311N	11/16	6
10329312N	3/4	6
10329313N	25/32	6
10329314N	7/8	6
10329315N	15/16	6
10329316N	1	6
10329317N	1-1/32	6
10329318N	1-1/8	6
10329319N	1-3/16	6
10329320N	1-1/4	6
10329321N	1-3/8	6
10329322N	1-1/2	6
10329323N	1-9/16	6

Overall length of 300mm|12" or 604mm|16" available.



103211

6pc Wood Spade Bit set
in plastic case
contents:
10, 12, 16, 20, 22, 25mm



103214

6pc Wood Spade Bit set
in plastic case
contents:
3/8", 1/2", 5/8", 3/4", 7/8", 1"



103212

8pc Wood Spade Bit set
in wood case
contents:
10, 12, 14, 16, 18, 20, 22, 25mm

* Other Sets available upon request.

1044 WOOD SPADE BIT, HEAVY DUTY SHANK



1/4"
HEX SHANK



INDIVIDUAL PACKAGE DISPLAY
PACKED IN TRAPPED BLISTER CARD

- Forged in one piece from High Carbon Steel.
- Grooved cutting edges cut wood instead of scraping it away, resulting in reduced heat built-up and cutting edges that stay sharper longer.
- Double positive spurs scribe the hole before the chips are made. This provides a cleaner hole inside and reduce vibration.
- Long centre point for accurate hole location.
- High visibility stamped size marking for fast and easy identification.
- Full length heat treatment guards against bending bit in heavy-duty applications.
- Heavy duty shank for superior durability.
- 1/4" Quick-Change hex shank won't slip in the chuck and fits quick-change impact drivers
- For boring smooth, clean, perfectly defined holes in soft and close grained wood, chipboard and floor board.

ITEM NO.	DIA. (MM)	OVERALL LENGTH (MM)	ITEM NO.	DIA. (INCH)	OVERALL LENGTH (INCH)
10440301N	6	152	10449301N	1/4	6
10440302N	8	152	10449302N	5/16	6
10440303N	10	152	10449303N	3/8	6
10440304N	11	152	10449304N	7/16	6
10440305N	12	152	10449305N	15/32	6
10440306N	13	152	10449306N	1/2	6
10440307N	14	152	10449307N	9/16	6
10440308N	15	152	10449308N	19/32	6
10440309N	16	152	10449309N	5/8	6
10440310N	17	152	10449310N	21/32	6
10440311N	18	152	10449311N	11/16	6
10440312N	19	152	10449312N	3/4	6
10440313N	20	152	10449313N	25/32	6
10440314N	22	152	10449314N	7/8	6
10440315N	24	152	10449315N	15/16	6
10440316N	25	152	10449316N	1	6
10440317N	26	152	10449317N	1-1/32	6
10440318N	28	152	10449318N	1-1/8	6
10440319N	30	152	10449319N	1-3/16	6
10440320N	32	152	10449320N	1-1/4	6
10440321N	35	152	10449321N	1-3/8	6
10440322N	38	152	10449322N	1-1/2	6
10440323N	40	152	10449323N	1-9/16	6



104403

6pc Wood Spade Bit set
in plastic case
contents:
3/8", 1/2", 5/8", 3/4", 7/8", 1"



104404

6pc Wood Spade Bit set
in plastic case
contents:
10, 12, 16, 20, 22, 25mm



104402

8pc Wood Spade Bit set
in WOOD case
contents:
10, 12, 14, 16, 18, 20, 22, 25mm

* Other Sets available upon request.

1079 SELF FEED SPADE BIT



1/4"
HEX SHANK



INDIVIDUAL PACKAGE DISPLAY
PACKED IN TRAPPED BLISTER CARD

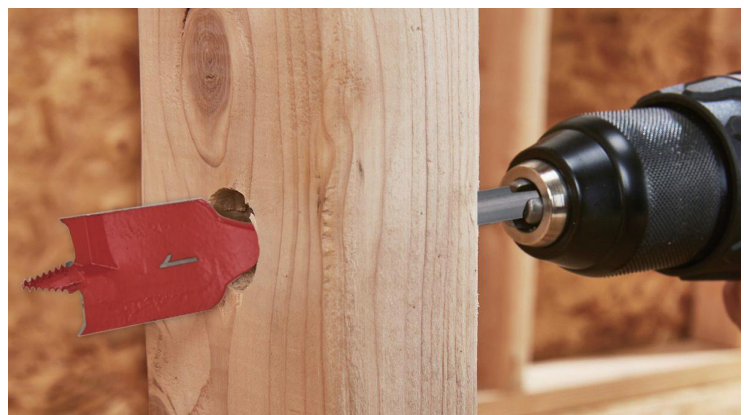
- Forged in one piece from High Carbon Steel.
- Grooved cutting edges cut wood instead of scraping it away, resulting in reduced heat built-up and cutting edges that stay sharper longer.
- Double positive spurs scribe the hole before the chips are made. This provides a cleaner hole inside and reduce vibration.
- Self-feeding thread point won't clog, won't wander and drills faster than the normal spade bits.
- Threaded tip automatically engages the work surface for no-thrust drilling.
- High visibility stamped size marking for fast and easy identification.
- Full length heat treatment guards against bending bit in heavy-duty applications.
- 1/4" hex shank won't slip in the chuck and fits quick-change impact drivers.
- For faster boring smooth, clean, perfectly defined holes in soft and close grained wood, chipboard and floor board.

ITEM NO.	DIA. (MM)	OVERALL LENGTH (MM)
10790301N	6	152
10790302N	8	152
10790303N	10	152
10790304N	11	152
10790305N	12	152
10790306N	13	152
10790307N	14	152
10790308N	15	152
10790309N	16	152
10790310N	17	152
10790311N	18	152
10790312N	19	152
10790313N	20	152
10790314N	22	152
10790315N	24	152
10790316N	25	152
10790317N	26	152
10790318N	28	152
10790319N	30	152
10790320N	32	152
10790321N	35	152
10790322N	38	152
10790323N	40	152

* Available in 100mm|4" stubby for tight spaces and 300mm|12" 400mm|16" extra long for overhead work.

* Sets available upon request.

ITEM NO.	DIA. (INCH)	OVERALL LENGTH (INCH)
10799301N	1/4	6
10799302N	5/16	6
10799303N	3/8	6
10799304N	7/16	6
10799306N	1/2	6
10799307N	9/16	6
10799309N	5/8	6
10799311N	11/16	6
10799312N	3/4	6
10799313N	13/16	6
10799314N	7/8	6
10799315N	15/16	6
10799316N	1	6
10799318N	1-1/8	6
10799320N	1-1/4	6
10799321N	1-3/8	6
10799322N	1-1/2	6
10799324N	1-1/4	4
10799325N	3/8	4
10799326N	7/16	4
10799327N	1/2	4
10799328N	9/16	4
10799329N	5/8	4
10799330N	11/16	4
10799331N	3/4	4
10799332N	13/16	4
10799333N	7/8	4
10799334N	15/16	4
10799335N	1	4
10799336N	1-1/8	4
10799337N	1-1/4	4
10799338N	1-3/8	4
10799339N	1-1/2	4
10799340N	3/8	16
10799341N	1/2	16
10799342N	5/8	16
10799343N	3/4	16
10799344N	7/8	16
10799345N	1	16



1007 SUPER FORSTNER BITS



100702

7pcs Forstner Bits Set in wooden box
contains: 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1 inch



100715

16pcs Super Forstner Bits Set, Tin-coated in wooden box
contains: 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1-1/8, 1-1/4, 1-3/8, 1-1/2, 1-5/8, 1-3/4, 1-7/8, 2, 2-1/8 inch

- Made of high carbon steel, precision ground finish.
 - With centre point for precisely locating the bit. 2 main cutters for faster penetration of the bit and circumferential cutters ensure splinter free drilling and exact holes.
 - Durable two-flute design with stands greater temperatures than other carbon-steel bits for better control and chip clearance during cut.
 - For drilling dimensionally accurate, tear-free flat bottomed holes in solid wood and veneered wooden boards, chipboard and plywood.
 - Ideal for door locks, morticing, electrical and plumbing work.
- Not for using with routers.

ITEM NO.	DIA. (MM)	SHANK DIA. (MM)	OVERALL LENGTH (MM)
10070301N	6	8	90
10070302N	8	8	90
10070303N	10	8	90
10070304N	12	8	90
10070305N	14	8	90
10070306N	15	8	90
10070307N	16	8	90
10070308N	17	8	90
10070309N	18	8	90
10070310N	19	8	90
10070311N	20	10	90
10070312N	21	10	90
10070313N	22	10	90
10070314N	23	10	90
10070315N	24	10	90
10070316N	25	10	90
10070317N	26	10	90
10070318N	28	10	90
10070319N	30	10	90
10070320N	32	10	90
10070321N	34	10	90
10070322N	35	10	90
10070323N	36	10	90
10070324N	38	10	90
10070325N	40	10	90
10070326N	41	10	90
10070327N	42	10	90
10070328N	45	10	90
10070329N	48	10	90
10070330N	50	10	90
10070331N	51	10	90
10070332N	53	10	90
10070333N	54	10	90
10070334N	57	12.7	157
10070335N	60	12.7	157
10070336N	63	12.7	157
10070337N	66	12.7	157
10070338N	70	12.7	157
10070339N	73	12.7	157
10070340N	76	12.7	157
10070341N	80	12.7	157

ITEM NO.	DIA. (INCH)	SHANK DIA. (INCH)	OVERALL LENGTH (INCH)
10079301N	3/16	3/8	3-1/2
10079302N	1/4	3/8	3-1/2
10079303N	5/16	3/8	3-1/2
10079304N	3/8	3/8	3-1/2
10079305N	7/16	3/8	3-1/2
10079306N	1/2	3/8	3-1/2
10079307N	9/16	3/8	3-1/2
10079308N	5/8	3/8	3-1/2
10079309N	11/16	3/8	3-1/2
10079310N	3/4	3/8	3-1/2
10079311N	13/16	3/8	3-1/2
10079312N	7/8	3/8	3-1/2
10079313N	15/16	3/8	3-1/2
10079314N	1	3/8	3-1/2
10079315N	1-1/16	3/8	3-1/2
10079316N	1-1/8	3/8	3-1/2
10079317N	1-3/16	3/8	3-1/2
10079318N	1-1/4	3/8	3-1/2
10079319N	1-5/16	3/8	3-1/2
10079320N	1-3/8	3/8	3-1/2
10079321N	1-7/16	3/8	3-1/2
10079322N	1-1/2	3/8	3-1/2
10079323N	1-9/16	3/8	3-1/2
10079324N	1-5/8	3/8	3-1/2
10079325N	1-11/16	3/8	3-1/2
10079326N	1-3/4	3/8	3-1/2
10079327N	1-13/16	3/8	3-1/2
10079328N	1-7/8	3/8	3-1/2
10079329N	1-15/16	3/8	3-1/2
10079330N	2	3/8	3-1/2
10079331N	2-1/16	3/8	3-1/2
10079332N	2-1/8	3/8	3-1/2
10079333N	2-1/4	3/8	3-1/2
10079334N	2-5/16	1/2	6-1/4
10079335N	2-3/8	1/2	6-1/4
10079336N	2-1/2	1/2	6-1/4
10079337N	2-5/8	1/2	6-1/4
10079338N	2-3/4	1/2	6-1/4
10079339N	2-7/8	1/2	6-1/4
10079340N	3	1/2	6-1/4
10079341N	3-1/8	1/2	6-1/4
10079342N	3-1/4	1/2	6-1/4
10079343N	3-3/8	1/2	6-1/4
10079344N	3-1/2	1/2	6-1/4
10079345N	3-5/8	1/2	6-1/4
10079346N	3-3/4	1/2	6-1/4
10079347N	3-7/8	1/2	6-1/4
10079348N	4	1/2	6-1/4
10079349N	4-1/8	1/2	6-1/4
10079350N	4-1/4	1/2	6-1/4
10079351N	4-3/8	1/2	6-1/4
10079352N	4-1/2	1/2	6-1/4

* Other Sets available upon request.

1007 SUPER FORSTNER BITS SETS



100725

5pcs Forstner Bits Set in wooden box
contains: 3/4, 7/8, 1, 1-1/4, 1-3/8-in.



100701

5pcs Forstner Bits Set in wooden box
contains: 15, 20, 25, 30, 35mm



100739

16pcs Forstner Bits Set in wooden box
contains: 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1-1/4, 1-1/8, 1-3/8, 1-1/2, 1-5/8, 1-3/4, 1-7/8, 2, 2-1/2-in.



100707

15pcs Forstner Bits Set in wooden box
contains: 10, 12, 15, 16, 18, 20, 22, 25, 26, 28, 30, 35, 40, 45, 50mm

1010 / T.C.T. FORSTNER BITS



101002

5pcs T.C.T. Forstner Bits Set
in wooden box
contains: 3/4, 7/8, 1, 1-1/4, 1-3/8-in.

- Made of High Carbon Steel, precision ground finish.
- With carbide tipped brad point, 2 main cutters and 2 peripheral cutters.
- Long life thanks to precision ground carbide cutters.
- For drilling dimensionally accurate and tear-free holes in soft and hard wood, resin bonded and plastic coated laminates, veneered wood sheet, chipboard, and other forms of compressed wood sheet.
- Suitable for carpenters and joiners, specially in window and kitchen installation.
- This bit is designed for a stationary drilling operation such as drill press.

ITEM NO.	DIA. (MM)	SHANK DIA. (MM)	OVERALL LENGTH (MM)
10100301C	14	8	90
10100302C	15	8	90
10100303C	16	8	90
10100304C	18	8	90
10100305C	19	8	90
10100306C	20	8	90
10100307C	22	8	90
10100308C	23	8	90
10100309C	25	8	90
10100310C	26	8	90
10100311C	28	8	90
10100312C	30	8	90
10100313C	32	10	90
10100314C	34	10	90
10100315C	35	10	90
10100316C	36	10	90
10100317C	38	10	90
10100318C	40	10	90
10100319C	41	10	90
10100320C	45	10	90
10100321C	50	10	90
10100322C	53	10	90
10100323C	54	10	90

* Other Sets available upon request.

ITEM NO.	DIA. (INCH)	SHANK DIA. (INCH)	OVERALL LENGTH (INCH)
10109301C	5/8	3/8	3-1/2
10109302C	3/4	3/8	3-1/2
10109303C	7/8	3/8	3-1/2
10109304C	1	3/8	3-1/2
10109305C	1-1/8	3/8	3-1/2
10109306C	1-1/4	3/8	3-1/2
10109307C	1-3/8	3/8	3-1/2
10109308C	1-1/2	3/8	3-1/2
10109309C	1-5/8	3/8	3-1/2
10109310C	1-3/4	3/8	3-1/2
10109311C	1-7/8	3/8	3-1/2
10109312C	2	3/8	3-1/2
10109313C	2-1/8	3/8	3-1/2



101001

5pcs T.C.T. Forstner Bits Set
in wooden box
contains: 15, 20, 25, 30, 35mm

1011 / T.C.T. HINGE BORING BITS



- Made of High carbon Steel, precision ground finish.
- With centre point, 2 main cutting edges made of tungsten carbide.
- Very precise and non-splinter drilling through the carbide main cutting edges.
- For drilling soft wood, hard wood, hardboards, ship-board and plastic.

ITEM NO.	DIA. (MM)	SHANK DIA. (MM)	OVERALL LENGTH (MM)
10110301N	20	30	60
10110302N	25	30	60
10110303N	26	30	60
10110304N	30	30	60
10110305N	35	30	60

ITEM NO.	DIA. (INCH)	SHANK DIA. (INCH)	OVERALL LENGTH (INCH)
10119301N	25/32	1-3/16	2-3/8
10119302N	1	1-3/16	2-3/8
10119303N	1-3/16	1-3/16	2-3/8
10119304N	1-3/8	1-3/16	2-3/8



1012 / SELF-EJECTING PLUG CUTTER



- Made of hardened high carbon steel.
- Conical, self-ejecting.
- For professional dowel and screw connections in wood.
- These plug cutters produce accurate plugs for covering screw holes in decking, flooring, and other woodworking projects.
- Permits choice of matching or contrasting plugs for decorative effect.
- A drill press is strongly recommended, especially for the larger sizes.

101201

6pcs Self-ejecting Plug Cutter Set
in wooden box
contains: 3/8", 1/2", 5/8", 3/4", 7/8", 1"-in.

* Other Sets available upon request.

ITEM NO.	DIA. (INCH)	SHANK DIA. (INCH)	OVERALL LENGTH (INCH)
10129301C	3/8	1/2	4-5/16
10129302C	1/2	1/2	4-5/16
10129303C	5/8	1/2	4-5/16
10129304C	3/4	1/2	4-5/16
10129305C	7/8	1/2	4-5/16
10129306C	1	1/2	4-5/16

1123 / UNIVERSAL FORSTNER BITS



- Made of High Carbon Steel, precision ground finish.
- High performance design with brad point, 2 main cutters, 2 raised cutting lips and reduced cylindrical shank.
- For drilling smooth and precise holes in soft and hard woods and laminates.
- For use in stationary drilling machines such as drill press.

ITEM NO.	DIA. (MM)	SHANK MEDIUM DIA. (MM)	SHANK SMALL DIA. (MM)	OVERALL LENGTH (MM)
11230301N	8	6.5	8	90
11230302N	10	8	8	90
11230303N	12	8	8	90
11230304N	14	8	8	90
11230305N	15	10	8	90
11230306N	16	10	8	90
11230307N	17	10	8	90
11230308N	18	10	8	90
11230309N	19	10	8	90
11230310N	20	10	8	90
11230311N	21	10	8	90
11230312N	22	10	8	90
11230313N	23	10	8	90
11230314N	24	10	8	90
11230315N	25	12	8	90
11230316N	26	12	8	90
11230317N	28	12	8	90
11230318N	30	12	8	90
11230319N	32	12	10	90

* Other Sets available upon request.

ITEM NO.	DIA. (INCH)	SHANK MEDIUM DIA. (MM)	SHANK SMALL DIA. (MM)	OVERALL LENGTH (INCH)
11230320N	34	12	10	90
11230321N	35	12	10	90
11230322N	36	12	10	90
11230323N	38	12	10	90
11230324N	40	15	10	90
11230325N	41	15	10	90
11230326N	42	15	10	90
11230327N	45	15	10	90
11230328N	48	15	10	90
11230329N	50	15	10	90
11230330N	51	15	10	90
11230331N	53	15	10	90
11230332N	54	15	10	90
11230333N	55	15	10	90
11230334N	57	15	10	90
11230335N	60	15	10	90

112301

15pcs Forstner Bits Set
in wooden box
contains: 10, 12, 15, 16, 18, 20, 22, 25, 26, 28, 30, 35, 40, 45, 50mm

112302

5pcs Forstner Bits Set
in wooden box
contains: 15, 20, 25, 30, 35mm

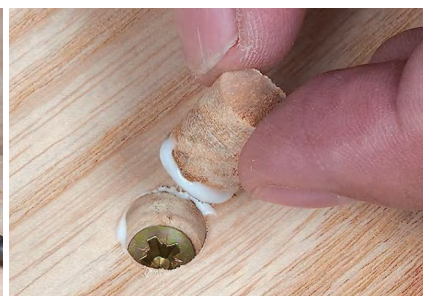
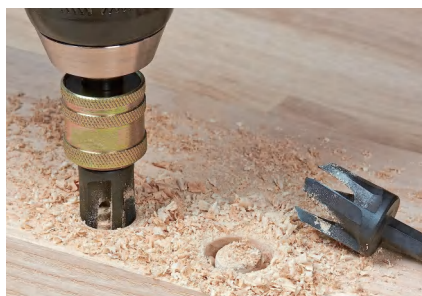
1119 / TAPERED PLUG CUTTER



- Cutters are made of hardened steel for long tool life
- Tapered sides and a chamfered end for easy starting, tight fitting plugs
- Make clean, tight, professional tapered plugs that fit snugly into wood without gaps, glue lines, or filling.
- Four flutes for clean smooth plugs without wobble.

ITEM NO.	DIA. (MM)	SHANK DIA. (MM)	OVERALL LENGTH (MM)
11190301C	6	8	38
11190302C	8	8	38
11190303C	9	8	45
11190304C	10	8	45
11190305C	12	8	45
11190306C	14	8	45
11190307C	15	8	45
11190308C	16	8	45

ITEM NO.	DIA. (INCH)	SHANK DIA. (INCH)	OVERALL LENGTH (INCH)
11199301C	1/4	3/8	1-1/2
11199302C	5/16	3/8	1-1/2
11199303C	3/8	3/8	1-3/4
11199304C	7/16	3/8	1-3/4
11199305C	1/2	3/8	1-3/4
11199306C	5/8	3/8	1-3/4



1120 / STRAIGHT PLUG CUTTER



- Made of hardened alloy steel for added strength and durability
- Permits choice of matching or contrasting plugs for decorative effect.
- Cutter will produce and eject straight plugs.
- Plug Cutters produce accurate wooden plugs for covering screw holes in decking, flooring and other woodworking projects.
- Use on hard and soft woods only.
- Engineered to start cutting plugs easily with hand-held drills or drill press.

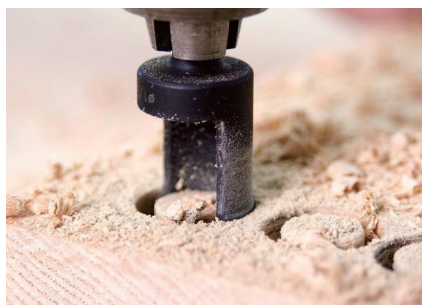
ITEM NO.	DIA. (MM)	SHANK DIA. (MM)	OVERALL LENGTH (MM)
11200301C	6	8	52
11200302C	8	8	52
11200303C	9	8	52
11200304C	10	8	52
11200305C	12	8	52
11200306C	14	8	52
11200307C	15	8	52
11200308C	16	8	52

ITEM NO.	DIA. (INCH)	SHANK DIA. (INCH)	OVERALL LENGTH (INCH)
11209301C	1/4	3/8	2-1/16
11209302C	5/16	3/8	2-1/16
11209303C	3/8	3/8	2-1/16
11209304C	7/16	3/8	2-1/16
11209305C	1/2	3/8	2-1/16
11209306C	5/8	3/8	2-1/16



990019

**8pcs Plug Cutter Sets
in wooden box**
contains: Straight Plug Cutter: 1/4", 3/8", 1/2", 5/8"
Tapered Plug Cutter: 7/8", 3/4", 5/8", 1/4"-in.



* Other Sets available upon request.

1013 / TENON DOWEL & PLUG CUTTER



- Made of hardened high carbon steel.
- Precise ground inner and outer cutting edges cut through the hardest wood while maintaining an extremely sharp edge.
- Open body design allows easy plug clearance.
- The shear angle design makes them the easiest cutting tools in the market.
- Versatile tools to make: Tenons on round or square stock; Dowels up to 3 long; Plugs auto-eject.
- 1/2-in. shank for use in drill press, lathes, and horizontal borers.
- Not for use in routers or handheld drills.
- For furniture making, finish carpentry and home shop projects.



ITEM NO.	DIA. (MM)	SHANK DIA. (MM)	OVERALL LENGTH (MM)
10130301C	8	13	140
10130302C	10	13	140
10130303C	12	13	140
10130304C	14	13	140
10130305C	15	13	140
10130306C	16	13	140
10130307C	18	13	140
10130308C	20	13	140
10130309C	22	13	140
10130310C	24	13	140
10130311C	25	13	140
10130312C	26	13	140
10130313C	28	13	140
10130314C	30	13	140
10130315C	32	16	160
10130316C	35	16	160
10130317C	36	16	160
10130318C	38	16	160
10130319C	40	16	160
10130320C	45	16	160
10130321C	50	16	160
10130322C	55	16	160
10130323C	60	16	160

ITEM NO.	DIA. (INCH)	SHANK DIA. (INCH)	OVERALL LENGTH (INCH)
10139301C	3/8	1/2	5-1/2
10139302C	1/2	1/2	5-1/2
10139303C	5/8	1/2	5-1/2
10139304C	3/4	1/2	5-1/2
10139305C	7/8	1/2	5-1/2
10139306C	1	1/2	5-1/2
10139307C	1-1/8	5/8	6-5/16
10139308C	1-1/4	5/8	6-5/16
10139309C	1-3/8	5/8	6-5/16
10139310C	1-1/2	5/8	6-5/16
10139311C	1-5/8	5/8	6-5/16
10139312C	1-3/4	5/8	6-5/16
10139313C	1-7/8	5/8	6-5/16
10139314C	2	5/8	6-5/16



103101

**3pcs Tenon Dowel & Plug Cutter Set
in wooden box**
contains: 3/8", 1/2", 5/8"-in.



103102

**5pcs Tenon Dowel & Plug Cutter Set
in wooden box**
contains: 3/8", 1/2", 5/8", 3/4", 1"-in.



103103

**5pcs Tenon Dowel & Plug Cutter Set
in wooden box**
contains: 15, 20, 25, 30, 35mm

* Other Sets available upon request.

1027 HSS TAPER DRILLS WITH COUNTERSINK



102701

7pcs HSS Taper Drills With Countersink
Set in wooden box

contains: 1/8, 9/64, 11/64, 3/16, 13/64, 7/32, 1/4-in.



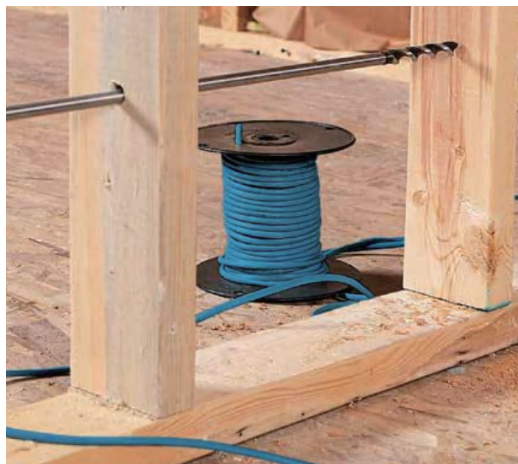
- Single twist design efficiently ejects chips for cleaner holes.
- Adjustable stop collars allows you to adjust for the screw depth.
- Four-cutter countersink and tapered drill bit provide speed and finish.
- Drill, countersink in one step.
- For use with electric or hand drills on wood, plastics & soft metals

ITEM NO.	DRILLING RANGE (INCH)	FLUTE LENGTH (MM)	OVERALL LENGTH (MM)
10270301C	1/8	41	71
10270302C	9/64	44	74
10270303C	5/32	50	79
10270304C	11/64	54	83
10270305C	3/16	59	89
10270306C	13/64	62	92
10270307C	7/32	64	95
10270308C	1/4	70	101

4058 BELL HANGER / INSTALLER DRILL BITS



- Constructed of premium alloy steel for boring into a variety of materials including wood, plaster, and metal lath encountered while installing wire.
- Wide Flutes designed for quick chip removal-no clogging or binding.
- Hole in flute makes it easy to pull wire through walls, ceilings, and floors.
- Ideal for installation of small wire for telephone, cable tv, computers, and security systems.



ITEM NO.	DIA. (INCH)	SHANK DIA. (INCH)	OVERALL LENGTH (INCH)
40589301P	1/4	1/4	12
40589302P	5/16	5/16	12
40589303P	3/8	3/8	12
40589304P	1/2	3/8	12
40589305P	9/16	3/8	12
40589306P	5/8	3/8	12
40589307P	3/4	3/8	12
40589308P	1/4	1/4	18
40589309P	5/16	5/16	18
40589310P	3/8	3/8	18
40589311P	7/16	3/8	18
40589312P	1/2	3/8	18
40589313P	9/16	3/8	18
40589314P	5/8	3/8	18
40589315P	3/4	3/8	18
40589316P	1/4	1/4	24
40589317P	5/16	5/16	24
40589318P	3/8	3/8	24
40589319P	1/2	3/8	24
40589320P	1/4	1/4	30
40589321P	3/8	3/8	30
40589322P	1/2	3/8	30

1006 AUGER BITS



- Made of High Carbon Steel with threaded tip.
- Screw threaded centre point for precisely locating the bit and for fast self-starting of the hole.
- Single outer cutting spur for splinter free drilling and clean holes.
- Wide lands keep bit straight as it bores through the hole.
- Full length heat treatment guards against bending bit in heavy-duty applications.
- For precise drilling in soft and hardwood, large section beam, chipboard and plywood.
- Both Hex shank and SDS-plus shank available.

ITEM NO.	DIA. (MM)	OVERALL LENGTH (MM)
10060301T	6	230
10060302T	8	230
10060303T	10	230
10060304T	12	230
10060305T	14	230
10060306T	16	230
10060307T	18	230
10060308T	20	230
10060309T	22	230
10060310T	24	230
10060311T	26	230
10060312T	28	230
10060313T	30	230
10060314T	32	230
10060315T	34	230
10060316T	36	230
10060317T	38	230
10060318T	6	460
10060319T	8	460
10060320T	10	460
10060321T	12	460
10060322T	14	460
10060323T	16	460
10060324T	18	460
10060325T	20	460
10060326T	22	460
10060327T	24	460
10060328T	26	460
10060329T	28	460
10060330T	30	460
10060331T	32	460
10060332T	34	460
10060333T	36	460
10060334T	38	460

ITEM NO.	DIA. (INCH)	OVERALL LENGTH (INCH)
10069301T	1/4	9
10069302T	5/16	9
10069303T	3/8	9
10069304T	7/16	9
10069305T	1/2	9
10069306T	9/16	9
10069307T	5/8	9
10069308T	11/16	9
10069309T	3/4	9
10069310T	13/16	9
10069311T	7/8	9
10069312T	15/16	9
10069313T	1	9
10069314T	1-1/8	9
10069315T	1-1/4	9
10069316T	1-3/8	9
10069317T	1-1/2	9
10069318T	1/4	18
10069319T	5/16	18
10069320T	3/8	18
10069321T	7/16	18
10069322T	1/2	18
10069323T	9/16	18
10069324T	5/8	18
10069325T	11/16	18
10069326T	3/4	18
10069327T	13/16	18
10069328T	7/8	18
10069329T	15/16	18
10069330T	1	18
10069331T	1-1/8	18
10069332T	1-1/4	18
10069333T	1-3/8	18
10069334T	1-1/2	18



100602

6pcs Auger Bits Set in wooden box
contains: 10, 12, 14, 16, 18, 20mm
by 460mm OAL



100622

6pcs Auger Bits Set in wooden box
contains: 10, 12, 14, 16, 18, 20mm
by 230mm OAL



100604

8pcs Auger Bits Set in wooden box
contains: 6, 8, 10, 12, 14, 16, 18, 20mm
by 460mm OAL

* Other Sets available upon request.

1039 SHIP AUGER BITS



- Solid centre type with single cutter and spur design with screw point.
- Screw threaded centre point for precisely locating the bit and for fast self-starting of the hole.
- Wide lands keep bit straight as it bores through the hole.
- Full length heat treatment guards against bending bit in heavy-duty applications.
- For drilling in chipboard, plywood and large timbers, where nails may encountered.
- Cuts through nails without damaging bit.

ITEM NO.	DIA. (MM)	OVERALL LENGTH (MM)
10390301T	10	150
10390302T	12	150
10390303T	14	150
10390304T	16	150
10390305T	18	150
10390306T	20	150
10390307T	22	150
10390308T	24	150
10390309T	25	150
10390310T	28	150
10390311T	30	150
10390312T	10	200
10390313T	12	200
10390314T	14	200
10390315T	16	200
10390316T	18	200
10390317T	20	200
10390318T	22	200
10390319T	24	200
10390320T	25	200
10390321T	28	200
10390322T	30	200
10390323T	10	430
10390324T	12	430
10390325T	14	430
10390326T	16	430
10390327T	18	430
10390328T	20	430
10390329T	22	430
10390330T	24	430
10390331T	25	430
10390332T	28	430
10390333T	30	430

ITEM NO.	DIA. (INCH)	OVERALL LENGTH (INCH)
10399301T	7/16	6
10399302T	1/2	6
10399303T	9/16	6
10399304T	5/8	6
10399305T	11/16	6
10399306T	3/4	6
10399307T	13/16	6
10399308T	7/8	6
10399309T	15/16	6
10399310T	1	6
10399311T	1-1/8	6
10399312T	1-1/4	6
10399313T	7/16	8
10399314T	1/2	8
10399315T	9/16	8
10399316T	5/8	8
10399317T	11/16	8
10399318T	3/4	8
10399319T	13/16	8
10399320T	7/8	8
10399321T	15/16	8
10399322T	1	8
10399323T	9/16	17
10399324T	5/8	17
10399325T	11/16	17
10399326T	3/4	17
10399327T	13/16	17
10399328T	7/8	17
10399329T	15/16	17
10399330T	1	17
10399331T	1-11/16	17
10399332T	1-1/8	17
10399333T	1-1/4	17
10399334T	1-3/8	17
10399335T	1-1/2	17



103901

6pcs Auger Bits Set in wooden box
contains: 10, 12, 14, 16, 18, 20mm
by 460mm OAL



103902

6pcs Auger Bits Set in wooden box
contains: 10, 12, 14, 16, 18, 20mm
by 460mm OAL

* Other Sets available upon request.

1109 FOUR-FLUTE STUBBY AUGER BITS



INDIVIDUAL PACKAGE DISPLAY
PACKED IN TRAPPED BLISTER CARD

- Screw threaded centre point for precisely locating the bit and for fast self-starting of the hole.
- 4 cutting edges cuts up to 5x faster than standard spade bit. (3 cutting edges also available)
- Deep flutes for rapid chip evacuation and faster drilling speeds.
- Short lightweight body construction for maximum holes per charge in cordless drills.
- 1/4" hex shank won't slip in the chuck and fits quick-change impact drivers.
- For drilling in hardwoods, softwoods, veneered chipboard, plywood and chipboard

ITEM NO.	DIA. (MM)	OVERALL LENGTH (MM)
11090301C	10	165
11090302C	12	165
11090303C	14	165
11090304C	16	165
11090305C	19	165
11090306C	20	165
11090307C	22	165
11090308C	24	165
11090309C	25	165
11090310C	26	165
11090311C	28	165
11090312C	30	165
11090313C	32	165
11090314C	34	165
11090315C	36	165
11090316C	38	165
11090317C	40	165

* Sets available upon request.

ITEM NO.	DIA. (INCH)	OVERALL LENGTH (INCH)
11099301C	7/16	6
11099302C	1/2	6
11099303C	9/16	6
11099304C	5/8	6
11099305C	11/16	6
11099306C	3/4	6
11099307C	13/16	6
11099308C	7/8	6
11099309C	15/16	6
11099310C	1	6
11099311C	1-1/8	6
11099312C	1-1/4	6
11099313C	7/16	8
11099314C	1/2	8
11099315C	9/16	8
11099316C	5/8	8
11099317C	11/16	8
11099318C	3/4	8
11099319C	13/16	8
11099320C	7/8	8
11099321C	15/16	8

* Overall length of 120mm [1-3/4"] available

4-FLUTE DESIGN
4 Flute Cutting Edges
allow for faster chip
removal and more cuts
per charge

HIGH IMPACT PERFORMANCE
Optimized for heavy duty use and
8x the life span with modified
impact zone

**1/4" QUICK RELEASE
HEX SHANK**
Impact rated optimal
Performance Impact
Drivers and Drills

MAXIMUM PERFORMANCE
Designed to cut through 20X
Faster than competitive
Standard Flat Paddle Bits



1005 / EXTENSIONS



10059301P
6"|152mm



10059302P
12"|304mm



10059320P
16"|404mm

WOOD BORING BITS SHANK EXTENSION

- *Securely extend wood boring to drill extra deep holes.
- *Fits all wood boring spade bits with 1/4" shanks.

ITEM NO.	SHANK (INCH)	OVERALL LENGTH (MM / INCH)
10059301P	1/4"hex	6" 152mm
10059302P	1/4"hex	12" 304mm
10059320P	1/4"hex	16" 404mm



FORSTNER BITS SHANK EXTENSION

- * Allows deeper boring
- * Adds 4"/100mm to forstner bit length
- * 3-Flat shank provides better chuck grip and reduces slippage

ITEM NO.	DIA. (MM)	OVERALL LENGTH (MM)	ITEM NO.	DIA. (INCH)	OVERALL LENGTH (INCH)
10050311P	9.5	100	10059311P	3/8"	4"



HEX SHANK EXTENSIONS WITH QUICK CHANGE SHANK

- * For self-feed bits, auger bits and hole saws (1" diameter and larger) with hex shank.

ITEM NO.	DIA. (MM)	OVERALL LENGTH (MM)	ITEM NO.	DIA. (INCH)	OVERALL LENGTH (INCH)
10050303P	8	140	10059303P	5/16	6
10050304P	8	180	10059304P	5/16	7
10050305P	8	305	10059305P	5/16	12
10050306P	8	345	10059306P	5/16	14
10050307P	8	460	10059307P	5/16	18
10050308P	8	496	10059308P	5/16	20
10050309P	8	610	10059309P	5/16	24
10050310P	8	650	10059310P	5/16	26
10050312P	11	140	10059312P	7/16	6
10050313P	11	180	10059313P	7/16	7
10050314P	11	305	10059314P	7/16	12
10050315P	11	345	10059315P	7/16	14
10050316P	11	460	10059316P	7/16	18
10050317P	11	496	10059317P	7/16	20
10050318P	11	610	10059318P	7/16	24
10050319P	11	650	10059319P	7/16	26

1075 DOWEL CENTER POINTS



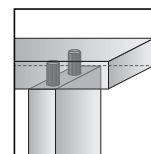
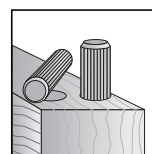
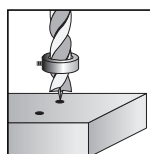
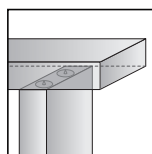
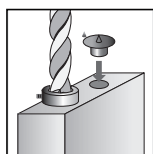
- For accurate alignment of dowel holes.
- Place the blunt end in a hole already made for dowel in one piece of wood, place the second piece of wood in required position and press down to leave centre of second hole accurately marked.
- Drill holes on the center of the mark on the second piece of wood.
- Plug the round dowel into the holes to connect two pieces of wood without any misplacing.



107501

4PCS Dowel center points
in TRAPPED BLISTER CARD
contains: 6mm

ITEM NO.	DIA. (MM)
10750101N	6
10750102N	8
10750103N	10
10750104N	11
10750105N	12



1076 DRILL STOP COLLARS



- For use with twist or brad point drills to prevent excessive drill penetration.
- Positive depth control assures exact hole depths for multiple drilling jobs.
- Split-ring type design allows collar to "clamp" around bit for better, tighter control.
- Collars apply pressure around the perimeter of the bit to resist marring, losing and shifting.
- Drill Stops are held solidly in place with two set screws to give positive control over the depth of the drill cut.



107601

8PCS Drill Stop Collars Set
in Blister Skin Card
contains: 1/8", 3/16", 1/4", 5/16", 3/8",
7/16", 1/2" and hex wrench.

ITEM NO.	INSIDE DIA. (MM)	FITS DIA. FOR DRILL BITS (MM)
10760301K	3	3
10760302K	4	4
10760303K	5	5
10760304K	6	6
10760305K	8	8
10760306K	10	10
10760307K	12	12
10760308K	14	14
10760309K	16	16

ITEM NO.	INSIDE DIA. (INCH)	FITS DIA. FOR DRILL BITS (INCH)
10769301K	1/8	1/8
10769302K	3/16	3/16
10769303K	1/4	1/4
10769304K	5/16	5/16
10769305K	3/8	3/8
10769306K	7/16	7/16
10769307K	1/2	1/2
10769308K	5/8	5/8

1121 TCT COUNTERSINK DRILL BIT



Applications

- For use in cement sheet blue board, timber, plastic and abrasive materials.

Features

- Drill screw pilot hole and countersink in one action.
- TCT countersink with removable TCT drill bit. (HSS drill bit available)
- 1/4" hex quick change shank fits quick change adapters.
- Use with hand drill and impact driver.

ITEM NO.	DRILL BIT SIZE		COUNTERSINK ANGLE	COUNTERSINK DIAMETER (MM)	SCREW GAUGE
	(INCH)	(MM)			
11210301WH	1/8	3.175	82°	8mm	8g
11210302WH	9/64	3.57	82°	10mm	10g
11210303WH	5/32	3.96	82°	12mm	12g
11210304WH	3/16	4.76	82°	14mm	14g

1122 TCT COUNTERSINK DRILL BIT WITH ADJUSTABLE LOW-FRICTION DEPTH STOP



Application

- For use in timber decking, cement sheet, blue board, plastic and abrasives materials.

Feature

- Designed for perfect controlled drilling and countersinking with one tool.
- TCT countersink with removal TCT drill bit. (HSS drill bit available)
- Adjustable depth stop for accurate control of countersink depth.
- Free-spinning and low friction stop collar with rubber ring prevents tool from scratches. and burn marks on the workpiece.
- Extra wide gullets around the collar allows chip to clear without jamming.
- 1/4" hex quick change shank suits quick change adapters.
- Use with hand drill and impact driver.

ITEM NO.	DRILL BIT SIZE		COUNTERSINK ANGLE	COUNTERSINK DIAMETER (MM)	SCREW GAUGE
	(INCH)	(MM)			
11220301WH	1/8	3.175	82°	8mm	8g
11220302WH	9/64	3.57	82°	10mm	10g
11220303WH	5/32	3.96	82°	12mm	12g
11220304WH	3/16	4.76	82°	14mm	14g



112201

7PCS TCT COUNTERSINK DRILL BIT SET

contains:

- 1) 1/4" hex shank TCT countersink drill bit
- 4) Replacement TCT countersink with TCT drill
- 1) White stop collar
- 1) Hex key

1745 / 1746 / 1748

ROTARY CONICAL

- Made of hardened tool steel.
- Rotary rasps with different shaping profiles and aggressive cutting teeth to remove, sculpture, shape and deburr wood, plastics and soft metals.
- Rotary files with file teeth than rasps to enlarge holes and create shapes in non-ferrous sheet metals.
- 1/4" impact rated shank fits all electric drills and impact drivers.
- Shapes available: cylinder, ball, cone, etc.

1745



17459306

17459307

17459308

1746



17469306



INDIVIDUAL PACKAGE DISPLAY
PACKED IN TRAPPED BLISTER CARD

1745 Rotary Rasp

ITEM NO.	DIA. (MM)	LENGTH (MM)
17459306N	16	30
17459307N	6-14	35
17459308N	16	16

1746 Countersink & Reamer Rasp

ITEM NO.	DIA. (MM)	LENGTH (MM)
17469306N	15	30

1748 Rotary Files

ITEM NO.	DIA. (MM)	LENGTH (MM)
17489301N	6-14	35
17489302N	13	30

1748



17489301

17489302



174801

2PCS Conical & Cylindrical
File in Blister Skin Card



990520

4PCS Rasps & Countersink Set
in Blister Skin Card

4200 / 4202

REVERSIBLE BLADES



56MM
PLANER BLADES

82MM
PLANER BLADES



INDIVIDUAL PACKAGE DISPLAY
PACKED IN TRAPPED BLISTER CARD

- The blade has sharp edges on both sides for long life.
- Available in HSS & TCT (Carbide): HSS (High Speed Steel): Fine cutting surface. TC (Tungsten Carbide): Higher durability. Suitable for hard wood.
- Packed in pairs (2 blades per package).
- 56mm blades solid carbide reversible blade use with 56mm | 2" planer.
- 82mm blades for use with following brand 3-1/4" (82mm) planer: Makia model: 1100, 1125, 11900B, 1923B, 1923H, 1923HO; Hitachi model: P20V, P20SA, FP20A; Ryobi model: L-1323A, L-282 and many other planers.
- For hand planing machines for soft- and hardwood, MDF and coated chipboard.

ITEM NO.	SIZES (MM)	BLADE MATERIAL
42020301C2	56X5.5X1.1	HSS
42000302C2	56X5.5X1.1	TC
42020302C2	82x5.5x1.1	HSS
42000301C2	82x5.5x1.1	TC

4191 / 4201

PLANER BLADES



TCT



INDIVIDUAL PACKAGE DISPLAY
PACKED IN PLASTIC BOX

- Blades available in HCS, HSS & TCT (Carbide).
- HSS (High Speed Steel): Fine cutting surface.
- TC (Tungsten Carbide): Higher durability. Suitable for hard wood.
- Packed in pairs (2 blades per package).

ITEM NO.	SIZE.	Blade Materials
42010301S2	82x29x3mm(3-1/4")	TCT
41910301S2	82x29x3mm(3-1/4")	HSS
10220301S2	82x29x3mm(3-1/4")	HCS
41910302S2	110x29x3mm	HSS
42010302S2	110x29x3mm	TCT
41910303S2	136x32x3mm	HSS
42010303S2	136x32x3mm	TCT
41910304S2	155x32x3mm	HSS
42010304S2	155x32x3mm	TCT

6605

POWER CARVER REPLACEMENT BLADE



660501

Power Carver Replacement Blade Set
Blister Skin Card
contains: 1. Straight Chisel-Wood/Paint Removal
2. V-Chisel-Wood, 3. U-Gauge-Wood

This kit comes with three blades:

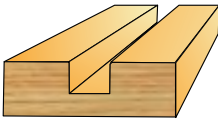
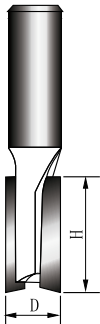
1. Straight Chisel Blade 9mm-Ideal for detailed carving and furniture restoration
2. V-Chisel blade 6.5mm-Best for relief carving
3. U-Gauge blade 9mm-Allows users to clear large amounts of wood while carving

Fits most reciprocating power carvers: Ryobi, Automach, Proxxon, Wecheer, Foredom

ITEM NO.	DESCRIPTION
66050301N	V-Chisel Blade-6.5mm width
66050302N	Straight Chisel Blade 9mm width
66050303N	U-Gauge Blade 9mm width

1501 / STRAIGHT BIT, 2 FLUTE

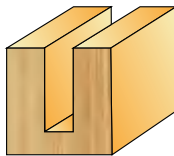
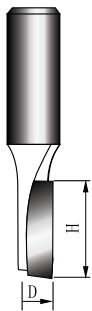
- Create edges and joinery in furniture and cabinets.



D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
4.8	12.7	15010301B	15010331B	15010361B
6.35	19	15010302B	15010332B	15010362B
6.35	25.4	15010303B	15010333B	15010363B
7.95	19	15010304B	15010334B	15010364B
7.95	25.4	15010305B	15010335B	15010365B
9.5	19	15010306B	15010336B	15010366B
9.5	25.4	15010307B	15010337B	15010367B
11.1	19	15010308B	15010338B	15010368B
11.1	25.4	15010309B	15010339B	15010369B
12.7	19	15010310B	15010340B	15010370B
12.7	25.4	15010311B	15010341B	15010371B
12.7	31.8	15010312B	15010342B	15010372B
12.7	38.1	-	15010343B	15010373B
12.7	50.8	-	-	15010374B
12.7	63.5	-	-	15010375B
14.3	19	15010313B	15010344B	15010376B
14.3	25.4	15010314B	15010345B	15010377B
14.3	31.8	15010315B	15010346B	15010378B
14.3	38.1	-	15010347B	15010379B
14.3	50.8	-	-	15010380B
15.9	19	15010316B	15010348B	15010381B
15.9	25.4	15010317B	15010349B	15010382B
19	19	15010318B	15010350B	15010383B
19	25.4	15010319B	15010351B	15010384B
22.2	19	-	15010352B	15010385B
22.2	25.4	-	15010353B	15010386B
25.4	19	-	15010354B	15010387B
25.4	25.4	-	15010355B	15010388B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
3/16"	1/2"	15019301B	15019331B
1/4"	3/4"	15019302B	15019332B
1/4"	1"	15019303B	15019333B
5/16"	3/4"	15019304B	15019334B
5/16"	1"	15019305B	15019335B
3/8"	3/4"	15019306B	15019336B
3/8"	1"	15019307B	15019337B
7/16"	3/4"	15019308B	15019338B
7/16"	1"	15019309B	15019339B
1/2"	3/4"	15019310B	15019340B
1/2"	1"	15019311B	15019341B
1/2"	1-1/4"	15019312B	15019342B
1/2"	1-1/2"	-	15019343B
1/2"	2"	-	15019344B
1/2"	2-1/2"	-	15019345B
9/16"	3/4"	15019313B	15019346B
9/16"	1"	15019314B	15019347B
9/16"	1-1/4"	15019315B	15019348B
9/16"	1-1/2"	-	15019349B
9/16"	2"	-	15019350B
5/8"	3/4"	15019316B	15019351B
5/8"	1"	15019317B	15019352B
3/4"	3/4"	15019318B	15019353B
3/4"	1"	15019319B	15019354B
7/8"	3/4"	-	15019355B
7/8"	1"	-	15019356B
1"	3/4"	-	15019357B
1"	1"	-	15019358B

1505 / SINGLE FLUTE STRAIGHT BIT

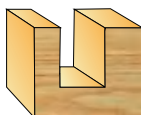
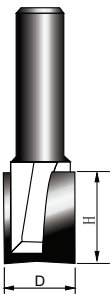


- Single Flute with optimum chip clearance, plunge Cutting.
- Designed for fast plunge cutting and for roughing operations with high-production feed rates.

D CUTTING DIAMETER (MM)	L CUTTING LENGTH (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
3.2	9.5	15050301B	15050305B	15050310B
4.0	12.7	15050302B	15050306B	15050311B
4.8	12.7	15050303B	15050307B	15050312B
6.35	19	15050304B	15050308B	15050313B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1/8"	3/8"	15059301B	15059305B
5/32"	1/2"	15059302B	15059306B
3/16"	1/2"	15059303B	15059307B
1/4"	3/4"	15059304B	15059308B

1506 / BOTTOM CLEANING BIT

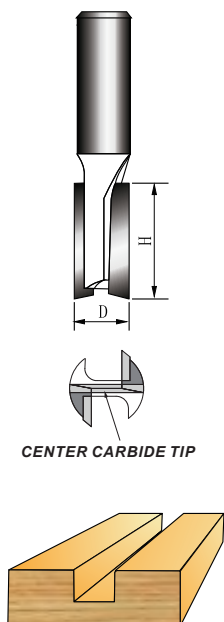


- Bits feature center-meeting cutters that function as regular straight bit cutters with additional bottom cleaning properties.
- This will leave nicely cleaned-up routed bottom surfaces.
- This is especially useful when clearing large areas that will remain exposed.

CUTTING DIAMETER (MM)	CUTTING LENGTH (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
4	11	15060301B	15060320B	15060340B
6.35	16	15060302B	15060321B	15060341B
7.9	19	15060303B	15060322B	15060342B
9.5	19	15060304B	15060323B	15060343B
12.7	19	15060305B	15060324B	15060344B
15.9	19	15060306B	15060325B	15060345B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
5/32"	7/16"	15069301B	15069330B
1/4"	5/8"	15069302B	15069331B
5/16"	3/4"	15069303B	15069332B
3/8"	3/4"	15069304B	15069333B
1/2"	3/4"	15069305B	15069334B
5/8"	3/4"	15069306B	15069335B

1507 STRAIGHT BIT WITH PLUNGE CENTER CUTTING

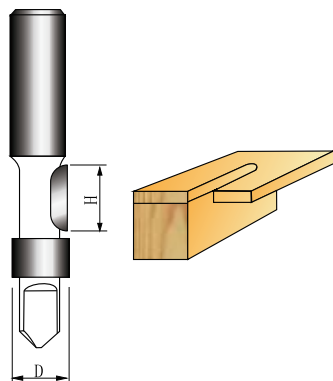


- Bit features an extra carbide cutter on bottom center for extra smooth and clean cuts.
- Allows for faster and easier plunging and mortising and will stay sharper longer.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
7.9	19	15070301B	15070330B	15070360B
9.5	19	15070302B	15070331B	15070361B
12.7	19	15070303B	15070332B	15070362B
12.7	25.4	15070304B	15070333B	15070363B
12.7	31.8	15070305B	15070334B	15070364B
12.7	38.1	-	15070335B	15070365B
12.7	50.8	-	-	15070366B
12.7	63.5	-	-	15070367B
14.3	19	15070306B	15070336B	15070368B
14.3	25.4	15070307B	15070337B	15070369B
14.3	31.8	15070308B	15070338B	15070370B
15.9	19	15070309B	15070339B	15070371B
15.9	25.4	15070310B	15070340B	15070372B
15.9	31.8	15070311B	15070341B	15070373B
15.9	38.1	-	15070342B	15070374B
19	19	15070312B	15070343B	15070375B
19	25.4	15070313B	15070344B	15070376B
19	31.8	15070314B	15070345B	15070377B
19	38.1	-	15070346B	15070378B
25.4	19	-	15070347B	15070379B
25.4	25.4	-	15070348B	15070380B
25.4	31.8	-	-	15070381B
25.4	38.1	-	-	15070382B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
5/16"	3/4"	15079301B	15079330B
3/8"	3/4"	15079302B	15079331B
1/2"	3/4"	15079303B	15079332B
1/2"	1"	15079304B	15079333B
1/2"	1-1/4"	15079305B	15079334B
1/2"	1-1/2"	-	15079335B
1/2"	2"	-	15079336B
1/2"	2-1/2"	-	15079337B
9/16"	3/4"	15079306B	15079338B
9/16"	1"	15079307B	15079339B
9/16"	1-1/4"	15079308B	15079340B
5/8"	3/4"	15079309B	15079341B
5/8"	1"	15079310B	15079342B
5/8"	1-1/4"	15079311B	15079343B
5/8"	1-1/2"	-	15079344B
3/4"	3/4"	-	15079345B
3/4"	1"	15079312B	15079346B
3/4"	1-1/4"	15079313B	15079347B
3/4"	1-1/2"	15079314B	15079348B
1"	3/4"	-	15079349B
1"	1"	-	15079350B
1"	1-1/4"	-	15079351B
1"	1-1/2"	-	15079352B

1508 PANEL PILOT BIT

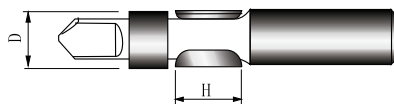


- Used to cut wood, aluminum sheets, insulation sheeting and drywall.
- Point drills through for self starting blind hole routing, and the pilot acts as a guide for template work.

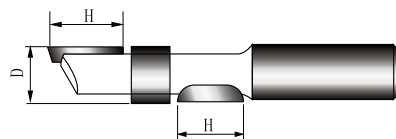
D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
6.35	19	15080301B	15080320B	15080340B
9.5	19	15080302B	15080321B	15080341B
12.7	19	15080303B	15080322B	15080342B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1/4"	3/4"	15089301B	15089320B
3/8"	3/4"	15089302B	15089321B
1/2"	3/4"	15089303B	15089322B

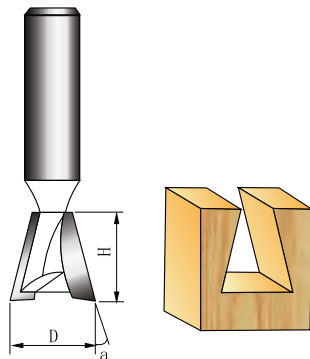
DOUBLE BLADES



DOUBLE BLADES & TOP TIPPED



1510 DOVETAIL BIT

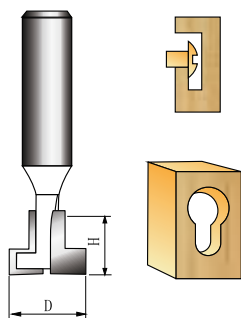


- Used to make a blind, through, sliding and for clean cuts on bevel or straight edges variable space dovetail joints, drawer fronts etc.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
6.35	8	15100301B	15100330B	15100360B
9.5	10	15100302B	15100331B	15100361B
12.7	12.7	15100303B	15100332B	15100362B
14.3	12.7	15100304B	15100333B	15100363B
16	16	15100305B	15100334B	15100364B
19	20	15100306B	15100335B	15100365B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1/4"	5/16"	15109301B	15109330B
3/8"	3/8"	15109302B	15109331B
1/2"	1/2"	15109303B	15109332B
14.3	1/2"	15109304B	15109333B
9/16"	9/16"	15109305B	15109334B
3/4"	13/16"	15109306B	15109335B

1511 KEYHOLE BIT

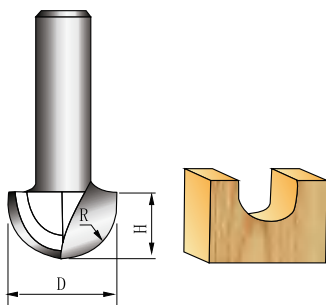


- For plunge cutting keyhole shaped mounting slots in items such as picture frames and plaques.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
6.35	10	15110301B	15110320B	15110340B
9.52	9.50	15110302B	15110321B	15110341B
12.70	9.50	15110303B	15110322B	15110342B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1/4"	13/32"	15119301B	15119330B
3/8"	3/8"	15119302B	15119331B
1/2"	3/8"	15119303B	15119332B

1512 CORE BOX BIT

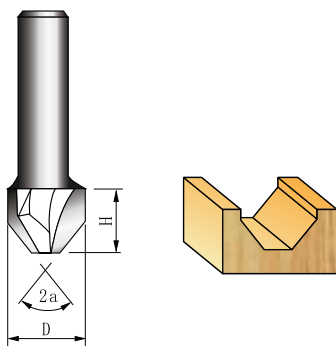


- Route core box channels and grooves for decorative and general use.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
6.4	4.5	3.2	15120301B	15120320B	15120340B
7.9	6.5	4	15120302B	15120321B	15120341B
9.5	7.5	4.8	15120303B	15120322B	15120342B
12.7	9.5	6.4	15120304B	15120323B	15120343B
15.9	10	7.9	15120305B	15120324B	15120344B
19.5	11.3	9.5	15120306B	15120325B	15120345B
20	15.5	10	15120307B	15120326B	15120346B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1/4"	3/16"	1/8"	15129301B	15129321B
5/16"	1/4"	5/32"	15129302B	15129322B
3/8"	5/16"	3/16"	15129303B	15129323B
1/2"	3/8"	1/4"	15129304B	15129324B
5/8"	3/8"	5/16"	15129305B	15129325B
3/4"	7/16"	3/8"	15129306B	15129326B
13/16"	5/8"	25/64"	15129307B	15129327B

1513 COMBINATION BEVEL BIT

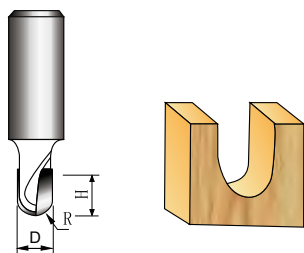


- Cut, trim and bevel almost any laminate in one bit.
- For clean cuts on bevel or straight edges in hard and soft woods.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	2a	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
12.7	13	50	15130301B	15130320B	15130340B
12.7	13	60	15130302B	15130321B	15130341B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	2a	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1/2"	1/2"	50	15139301B	15139330B
1/2"	1/2"	60	15139302B	15139331B

1514 ROUND NOSE BIT

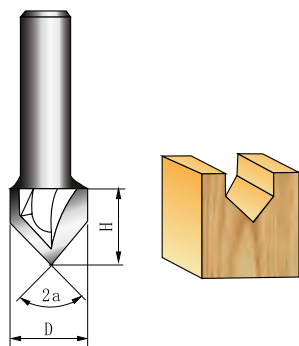


- Used for fluting, grooving, veining, and sign making.
- Also makes cove style edges and joints when used with an edge guide or fence.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
6.35	14	3.2	15140301B	15140320B	15140340B
7.9	16	4	15140302B	15140321B	15140341B
9.5	16	4.8	15140303B	15140322B	15140342B
12.7	18	6.35	15140304B	15140323B	15140343B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1/4"	9/16"	1/8"	15149301B	15149330B
5/16"	5/8"	5/32"	15149302B	15149331B
3/8"	5/8"	3/16"	15149303B	15149332B
1/2"	3/4"	1/4"	15149304B	15149333B

1515 V-GROOVE BITS

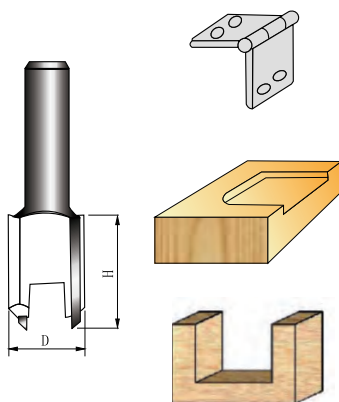


- Designed to cut deep or shallow V grooves.
- Used for routing wheat patterns, drawer fronts, decorative panel veining, and edge chamfering.
- Use these bits to make sign and add a decorative accent to any furniture piece and plaques.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	2a	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
6.35	8	90	15150301B	15150330B	15150360B
9.5	10.5	90	15150302B	15150331B	15150361B
9.5	11	60	15150303B	15150332B	15150362B
12.7	12.7	90	15150304B	15150333B	15150363B
12.7	16	60	15150305B	15150334B	15150364B
15.9	19	60	15150306B	15150335B	15150365B
15.9	16	90	15150307B	15150336B	15150366B
19	19	60	15150308B	15150337B	15150367B
19	15.5	90	15150309B	15150338B	15150368B
22.2	18	90	15150310B	15150339B	15150369B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	2a	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1/4"	5/16"	90	15159301B	15159330B
3/8"	13/32"	90	15159302B	15159331B
3/8"	7/16"	60	15159303B	15159332B
1/2"	1/2"	90	15159304B	15159333B
1/2"	5/8"	60	15159305B	15159334B
5/8"	3/4"	60	15159306B	15159335B
5/8"	5/8"	90	15159307B	15159336B
3/4"	3/4"	60	15159308B	15159337B
3/4"	5/8"	90	15159309B	15159338B
7/8"	11/16"	90	15159310B	15159339B

1516 MORTISING BIT

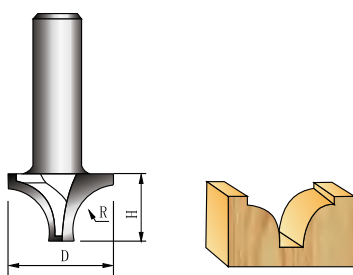


- Designed with a deep center gullet for max. material removal without chip loading.
- Ideal bits to use with templates for setting butt hinges.
- For quick, clean cutting of hinge mortises and for panel indenting, stock removal, dados, and rabbets.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
12.7	12.7	15160301B	15160320B	15160340B
15.9	15.9	15160302B	15160321B	15160341B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1/2"	1/2"	15169301B	15169330B
5/8"	5/8"	15169302B	15169331B

1519 PLUNGE ROUNDOVER BIT

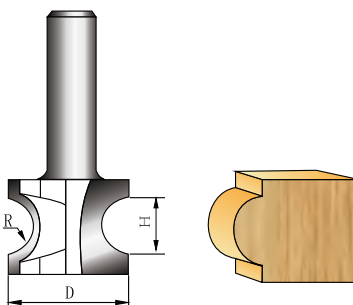


- Used for special decorative grooving and edging.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
31.8	12.7	6.35	15190301B	15190320B	15190340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1-1/4"	1/2"	1/4"	15199301B	15199330B

1520 HALF ROUND BIT

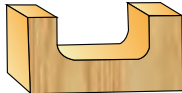
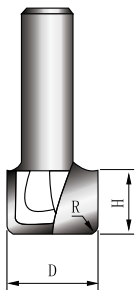


- For cutting stair treads, window sills and shelves in one clean cut.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
25.0	11	5.5	15200301B	15200320B	15200340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1/2"	7/16"	7/32"	15209301B	15209330B

1522 BOWL & TRAY BIT

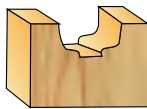
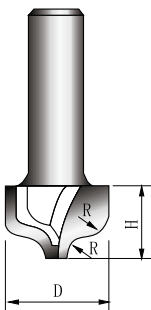


- Ideal for making bowls, trays, boxes, cutting boards or any other specialty or craft items.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
25.4	15.5	6.35	15220301B	15220320B	15220340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1"	5/8"	1/4"	15229301B	15229330B

1526 OGEE PLUNGE BIT

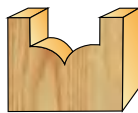
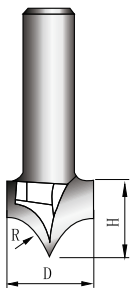


- Used for both grooving and edge forming cuts.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
28.6	12.7	4.0	15260301B	15260320B	15260340B
31.8	12.7	5.5	15260302B	15260321B	15260341B
34.9	12.7	6.3	15260303B	15260322B	15260342B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1-1/8"	1/2"	5/32"	15269301B	15269330B
1-1/4"	1/2"	7/32"	15269302B	15269331B
1-3/8"	1/2"	1/4"	15269303B	15269332B

1530 POINT CUT ROUNDOVER BITS

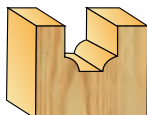
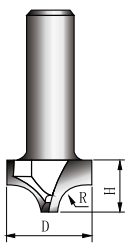


- For decorative grooving.
- Also recommended for edge forming with a router guide.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
6.4	7	3.2	15300301B	15300320B	15300340B
9.5	8.5	4.8	15300302B	15300321B	15300341B
12.7	9.5	6.4	15300303B	15300322B	15300342B
15.9	11	7.9	15300304B	15300323B	15300343B
19	14	9.5	15300305B	15300324B	15300344B
22	16	11	15300306B	15300325B	15300345B
25	16	12.5	15300307B	15300326B	15300346B
32	18	16	15300308B	15300327B	15300347B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1/4"	5/16"	1/8"	15309301B	15309330B
3/8"	5/16"	3/16"	15309302B	15309331B
1/2"	3/8"	3/8"	15309303B	15309332B
5/8"	7/16"	5/16"	15309304B	15309333B
3/4"	9/16"	9/16"	15309305B	15309334B
7/8"	5/8"	7/16"	15309306B	15309335B
1"	5/8"	1/2"	15309307B	15309336B
1-1/4"	3/4"	5/8"	15309308B	15309337B

1531 OPEN END CARVING BITS

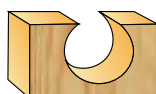
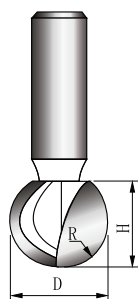


- Ideal for furniture makers.
- Use the plunging feature to create unusual grooves and veins, or use as a roundover bit for clean roundover and bead edges.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
25.4	14	6.35	15310301B	15310320B	15310340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1"	9/16"	1/4"	15319301B	15319330B

1534 BALL END BIT

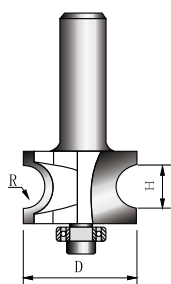


- For the production of panel slots or for the passage of electrical cables.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
9.5	8.2	15340301B	15340320B	15340340B
12.7	11.7	15340302B	15340321B	15340341B
15.9	15	15340303B	15340322B	15340342B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
3/8"	21/64"	15349301B	15349330B
1/2"	29/64"	15349302B	15349331B
5/8"	5/8"	15349303B	15349332B

1540 BULL NOSE RADIUS BIT

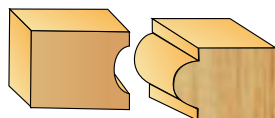
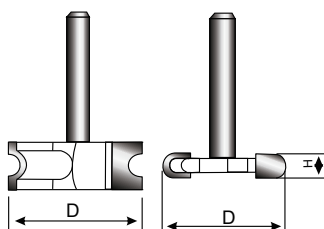


- For rounding over both sides of a board in one pass.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
21.4	6.4	3.2	15400301B	15400320B	15400340B
24.5	9.5	4.8	15400302B	15400321B	15400341B
30.9	15.9	7.9	15400303B	15400322B	15400342B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
27/32"	1/4"	1/8"	15409301B	15409330B
31/32"	3/8"	3/16"	15409302B	15409331B
1-1/4"	5/8"	5/16"	15409303B	15409332B

1541 FLUTE & BEAD SET

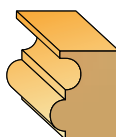
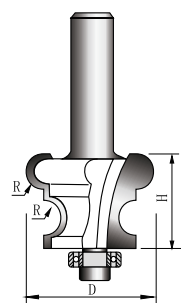


- Use both the flute and the bead bits for 6.35mm (1/4") slats.

D CUTTING LENGTH (MM)	H CUTTING LENGTH (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
38.1	6.35	15410301B	15410320B	15410340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1-1/2"	1/4"	15419301B	15419330B

1543 BEAD & COVE CANOE BUILDING BITS

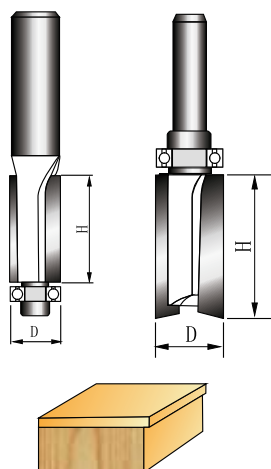


- A dual-purpose router bit that cuts both beads and coves, which then fit together to create curving forms!

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
31.8	25.4	4.8	15430320B	15430340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/2" SHANK ITEM NO.
1-1/4"	1"	3/16"	15439330B

1545 FLUSH TRIM BIT

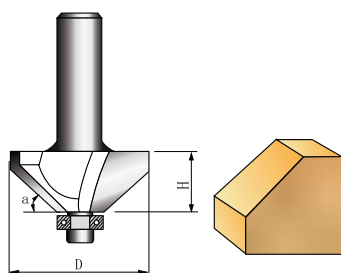


- For precision work on laminates or quick template work with excellent finishing.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
6.35	19	15450301B	15450331B	15450360B
8	19	15450302B	15450332B	15450361B
9.5	13	15450303B	15450333B	15450362B
9.5	19	15450304B	15450334B	15450363B
9.5	25.4	15450305B	15450335B	15450364B
10	13	15450306B	15450336B	15450365B
10	19	15450307B	15450337B	15450366B
10	25.4	15450308B	15450338B	15450367B
12	13	15450309B	15450339B	15450368B
12	19	15450310B	15450340B	15450369B
12	25.4	15450311B	15450341B	15450370B
12.7	13	15450312B	15450342B	15450371B
12.7	19	15450313B	15450343B	15450372B
12.7	25.4	15450314B	15450344B	15450373B
12.7	31.8	15450315B	15450345B	15450374B
14	25.4	15450316B	15450346B	15450375B
16	25.4	15450317B	15450347B	15450376B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1/4"	3/4"	15459301B	15459331B
5/16"	3/4"	15459302B	15459332B
3/8"	1/2"	15459303B	15459333B
3/8"	3/4"	15459304B	15459334B
3/8"	1"	15459305B	15459335B
3/8"	1 1/2"	15459306B	15459336B
25/64"	3/4"	15459307B	15459337B
3/8"	1"	15459308B	15459338B
1/2"	1 1/2"	15459309B	15459339B
1/2"	3/4"	15459310B	15459340B
1/2"	1"	15459311B	15459341B
1/2"	1 1/2"	15459312B	15459342B
1/2"	3/4"	15459313B	15459343B
1/2"	1"	15459314B	15459344B
9/16"	1 1/2"	15459315B	15459345B
5/8"	1"	15459316B	15459346B
5/8"	1"	15459317B	15459347B

1549 CHAMFER BIT

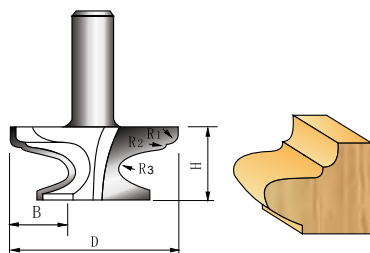


- Ideal for beveling and decorative edges.
- Also used for producing a 45° edge for mitres.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	a	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
25.4	11	45	15490301B	15490330B	15490350B
30.2	12.7	45	15490302B	15490331B	15490351B
31.8	12.7	45	15490303B	15490332B	15490352B
36.5	19	45	15490304B	15490333B	15490353B
41.3	19	45	-	-	15490354B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	a	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1"	7/16"	45	15499301B	15499330B
1-3/16"	1/2"	45	15499302B	15499331B
1-1/4"	1/2"	45	15499303B	15499332B
1-7/16"	1-3/4"	45	15499304B	15499333B
1-5/8"	3/4"	45	-	15499334B

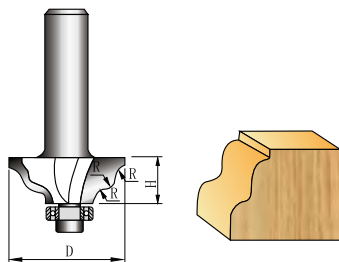
1552 REVERSIBLE DOOR EDGE BITS



D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R1	R2	R3	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
57.2	38.1	4.8	2.4	7	15520320B	15520340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R1	R2	R3	1/2" SHANK ITEM NO.
57.2	1-1/2"	3/16"	3/32"	9/32"	15529330B

1553 WAVY EDGE BIT



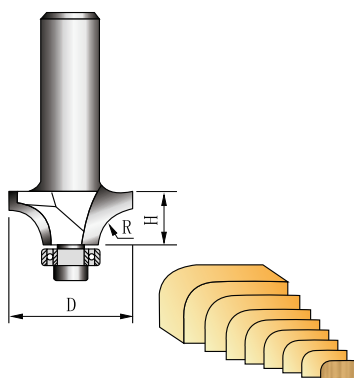
- For creating a unique pattern of soft, rounded corners.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
31.8	17	4.8	15530301B	15530320B	15530340B
41.3	27	6.5	15530302B	15530321B	15530341B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1-1/4"	11/16"	3/16"	15539301B	15539330B
1-5/8"	1-1/16"	1/4"	15539302B	15539331B

1555 / ROUNDOVER BIT

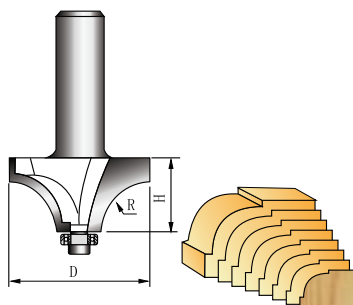
- For creating smoothly radiused edges on boards and panels



D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.	D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
15.9	8	3.2	15550301B	15550330B	15550360B	5/8"	5/16"	1/8"	15559301B	15559331B
19	9	3.2	15550302B	15550331B	15550361B	3/4"	3/8"	1/8"	15559302B	15559332B
22.2	9	4.8	15550303B	15550332B	15550362B	5/8"	3/8"	3/16"	15559303B	15559333B
22.2	12.5	6.35	15550304B	15550333B	15550363B	7/8"	1/2"	1/4"	15559304B	15559334B
25.4	10.5	6.35	15550305B	15550334B	15550364B	1"	3/8"	1/4"	15559305B	15559335B
25.4	13.5	7.9	15550306B	15550335B	15550365B	1"	13.5	5/16"	15559306B	15559336B
28.6	12	7.9	15550307B	15550336B	15550366B	1-1/8"	1/2"	5/16"	15559307B	15559337B
28.6	16	9.5	15550308B	15550337B	15550367B	1-1/8"	5/8"	3/8"	15559308B	15559338B
31.8	15.5	9.5	15550309B	15550338B	15550368B	1-1/4"	5/8"	3/8"	15559309B	15559339B
34.9	16.5	11.1	15550310B	15550339B	15550369B	1-3/8"	5/8"	7/16"	15559310B	15559340B
38.1	19	12.7	15550311B	15550340B	15550370B	1-1/2"	3/4"	1/2"	15559311B	15559341B
44.5	21	15.9	-	15550341B	15550371B	1-3/4"	13/16"	5/8"	-	15559342B
50.8	24.3	19	-	-	15550372B	2"	1"	3/4"	-	15559343B

1557 / BEADING BIT

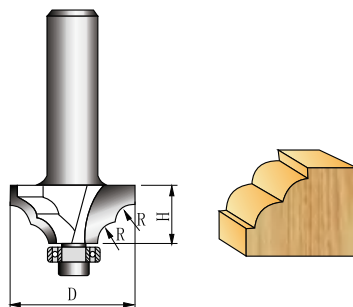
-For creating attractive, decorative edging.



D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.	D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
19	9	3.2	15570301B	15570331B	15570361B	3/4"	3/8"	1/8"	15579301B	15579331B
22.2	9	4.8	15570302B	15570332B	15570362B	5/8"	3/8"	3/16"	15579302B	15579332B
25.4	10.5	6.35	15570303B	15570333B	15570363B	1"	3/8"	1/4"	15579303B	15579333B
28.6	12	7.9	15570304B	15570334B	15570364B	1-1/8"	1/2"	5/16"	15579304B	15579334B
31.8	15.5	9.5	15570305B	15570335B	15570365B	1-1/4"	5/8"	3/8"	15579305B	15579335B
34.9	16.5	11.1	15570306B	15570336B	15570366B	1-3/8"	5/8"	7/16"	15579306B	15579336B
38.1	19	12.7	15570307B	15570337B	15570367B	1-1/2"	3/4"	1/2"	15579307B	15579337B
44.5	21	15.9	-	15570338B	15570368B	1-3/4"	13/16"	5/8"	-	15579338B
50.8	24.3	19	-	-	15570369B	2"	1"	3/4"	-	15579339B

1558 / DOUBLE ROUNDOVER BITS

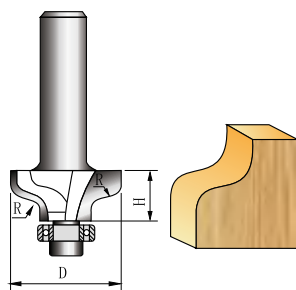
- Edge tables, moldings and frames in a beautiful double round over design.
- Add a double round over edge to a variety of surface edges and projects or create small moldings to be used on its own or as part of a molding build-up.



D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.	D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
25.4	12.5	3.2	15580301B	15580320B	15580340B	1"	1/2"	1/8"	15589301B	15589330B

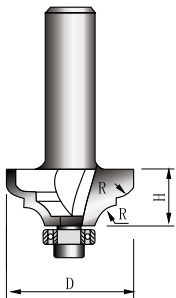
1559 / OGEE BIT

- For creating a defined wavy shape to the edge of furniture and cabinets.



D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.	D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
28.6	11	4.0	15590301B	15590320B	15590340B	1-1/8"	7/16"	5/32"	15599301B	15599330B
31.8	13.5	4.8	15590302B	15590321B	15590341B	1-1/2"	9/16"	3/16"	15599302B	15599331B
34.9	14.5	5.5	15590303B	15590322B	15590342B	1-3/8"	9/16"	7/32"	15599303B	15599332B
38.1	15.5	6.35	15590304B	15590323B	15590343B	1-1/2"	5/8"	1/4"	15599304B	15599333B

1560 CLASSICAL OGEE BIT

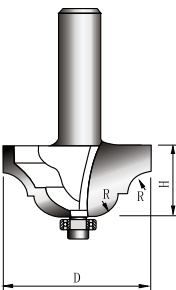


- A perfect bit for cabinet and furniture makers to make creative edging on tables, overlay doors or moldings.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
25.4	12	3.2	15600301B	15600320B	15600340B
28.6	12.7	4.0	15600302B	15600321B	15600341B
31.8	15	4.8	15600303B	15600322B	15600342B
38.1	17	6.4	15600304B	15600323B	15600343B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1"	1/2"	1/8"	15609301B	15609330B
1-1/8"	1/2"	5/32"	15609302B	15609331B
1-1/4"	5/8"	3/16"	15609303B	15609332B
1-1/2"	11/16"	1/4"	15609304B	15609333B

1563 CLASSICAL BIT

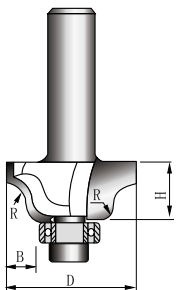


- For making decorative edges on projects.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
22.2	9.5	2.4	15630301B	15630320B	15630340B
25.4	12.7	3.2	15630302B	15630321B	15630341B
31.8	15.5	4.8	15630303B	15630322B	15630342B
38.1	15.5	5.5	15630304B	15630323B	15630343B
41.3	19	6.35	15630305B	15630324B	15630344B
22.2	12.7	3.2	15630306B	15630325B	15630345B
24.9	16	4	15630307B	15630326B	15630346B
31.2	20.6	5.5	15630308B	15630327B	15630347B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (MM)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
7/8"	3/8"	3/32"	15639301B	15639330B
1"	1/2"	1/8"	15639302B	15639331B
1-1/4"	5/8"	3/16"	15639303B	15639332B
1-1/2"	5/8"	7/32"	15639304B	15639333B
1-5/8"	3/4"	1/4"	15639305B	15639334B
7/8"	1/2"	1/8"	15639306B	15639335B
1"	5/8"	5/32"	15639307B	15639336B
1-1/4"	13/16"	7/32"	15639308B	15639337B

1564 ROMAN OGEE BIT

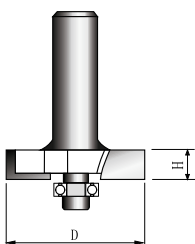


- Used for decorative edging and period furniture.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
28.6	12	4.0	15640301B	15640320B	15640340B
30.7	12	4.5	15640302B	15640321B	15640341B
31.8	14	4.8	15640303B	15640322B	15640342B
34.7	17	5.5	15640304B	15640323B	15640343B
38.1	17	6.35	15640307B	15640324B	15640344B
42.7	20	7.5	-	15640325B	15640345B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1-1/8"	1/2"	5/32"	15649301B	15649330B
1-1/4"	1/2"	11/64"	15649302B	15649331B
1-1/4"	9/16"	3/16"	15649303B	15649332B
1-3/8"	11/16"	7/32"	15649304B	15649333B
1-1/2"	11/16"	1/4"	15649306B	15649334B
1-11/16"	13/16"	19/64"	-	15649335B

1565 RABBETING BIT

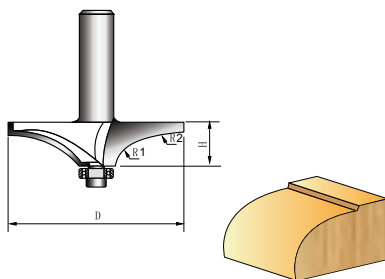


- Cuts rabbeted edges for joints, drawer fronts, and other applications.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	6mm SHANK ITEM NO.	12mm SHANK ITEM NO.
22.2	13.5	15650301B	15650341B
28.6	19	15650302B	15650342B
31.8	9.5	15650303B	15650343B
31.8	12.7	15650304B	15650344B
31.8	25.4	15650305B	15650345B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	6mm SHANK ITEM NO.	12mm SHANK ITEM NO.
1/4"	1/2"	15659301B	15659341B
1-1/8"	3/4"	15659302B	15659342B
1-1/2"	3/8"	15659303B	15659343B
1-1/2"	1/2"	15659304B	15659344B
1-1/2"	1"	15659305B	15659345B

1570 / TABLE EDGE BIT



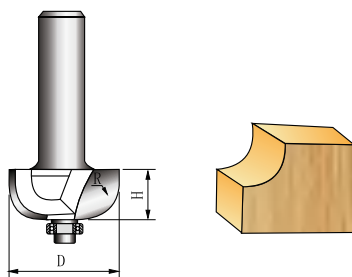
- Creates a wide profile for attractive edging and curve for tables or handrails

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
52.0	23.0	15700320B	15700340B

R1=13mm, R2=25mm

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/2" SHANK ITEM NO.
2-1/16"	15/16"	15709330B

1574 / COVE BIT

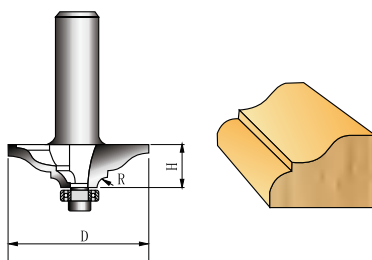


- Used for decorative edging and period furniture.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
15.9	6.3	3.2	15740301B	15740320B	15740340B
19.0	7.5	4.8	15740302B	15740321B	15740341B
22.2	9.5	6.35	15740303B	15740322B	15740342B
25.4	13	7.9	15740304B	15740323B	15740343B
28.6	12.5	9.5	15740305B	15740324B	15740344B
34.9	14.3	12.7	15740306B	15740325B	15740345B
41.3	19	15.9	-	15740326B	15740346B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
5/8"	1/4"	1/8"	15749301B	15749330B
3/4"	5/16"	3/16"	15749302B	15749331B
7/8"	3/8"	1/4"	15749303B	15749332B
1"	1/2"	5/16"	15749304B	15749333B
1-1/8"	1/2"	3/8"	15749305B	15749334B
1-3/8"	9/16"	1/2"	15749306B	15749335B
1-5/8"	3/4"	5/8"	-	15749336B

1576 / TABLE EDGE BIT-OGEE AND BEAD

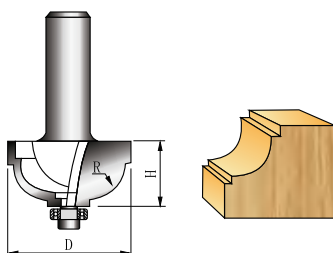


- Cuts a shallow ogee into the tabletop surface coupled with a bead at the edge.
- Used for cutting table top edges or used with handrail side profile bits.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
33.1	9.5	2.4	15760301B	15760320B	15760340B
50.8	16.5	6	-	15760321B	15760341B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1-5/16"	3/8"	3/32"	15769301B	15769330B
2"	5/8"	15/64"	-	15769331B

1578 / CLASSIC COVE BIT / COVE FILLET BIT

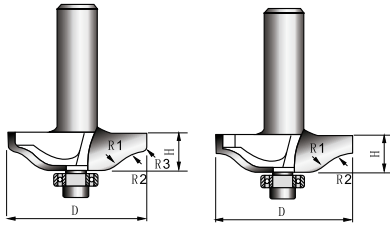


- A basic cove profile with added fillets / beads.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
24.9	12.7	4.8	15780301B	15780320B	15780340B
28.1	14	6.35	15780302B	15780321B	15780341B
31.8	15.9	7.9	15780303B	15780322B	15780342B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
15/16"	1/2"	3/16"	15789301B	15789330B
1-1/8"	9/16"	1/4"	15789302B	15789331B
1-1/4"	5/8"	5/16"	15789303B	15789332B

1580 OGEE RAISED PANEL BITS



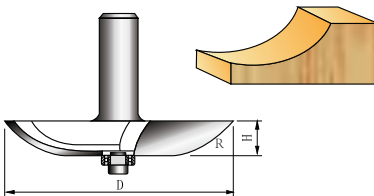
- For making an attractive ogee design in raised panel doors and paneling.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R1	R2	R3	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
50.8	11.5	9.5	15	2	15800320B	15800340B
63.5	16.0	15.9	15.9	2	15800321B	15800341B
69.9	16.5	19	19	2.5	-	15800342B
88.9	16.0	22.2	22.2	2.5	-	15800343B
88.9	14.3	22.2	22.2	-	-	15800344B



D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R1	R2	R3	1/2" SHANK ITEM NO.
2"	7/16"	3/8"	5/8"	5/64"	15809330B
2-1/2"	5/8"	5/8"	5/8"	5/64"	15809331B
2-3/4"	5/8"	3/4"	3/4"	7/64"	15809332B
3-1/2"	5/8"	7/8"	7/8"	7/64"	15809333B
3-1/2"	9/16"	7/8"	7/8"	-	15809334B

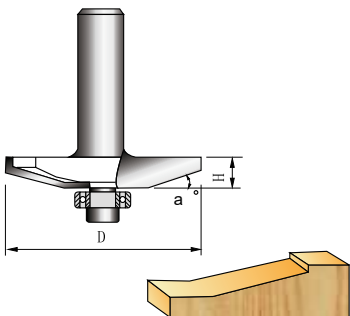
1581 COVE RAISED PANEL BIT



- Used for making an attractive cove design in raised panel doors and paneling.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.	D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/2" SHANK ITEM NO.
57.1	12.7	15.9	15810320B	15810340B	2-1/4"	1/2"	5/8"	15819330B
63.5	12.7	22.2	15810321B	15810341B	2-1/2"	1/2"	7/8"	15819331B
69.9	12.7	24.9	-	15810342B	2-3/4"	1/2"	1"	15819332B
88.9	15.9	38.1	-	15810343B	3-1/2"	5/8"	1-1/2"	15819333B

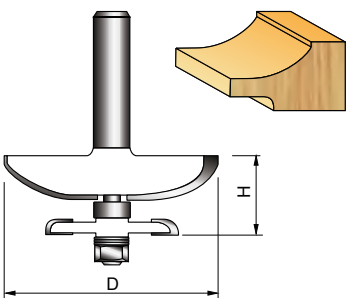
1582 CHAMFER RAISED PANEL BIT



- For making an attractive chamfer design in raised panel doors and paneling.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	a	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.	D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	a	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
40.4	12.7	30	15820301B	15820320B	15820340B	1-9/16"	1/2"	30	15829301B	15829330B
63.5	14.3	25.5	-	15820321B	15820341B	2-1/2"	9/16"	25.5	-	15829331B
89.9	14.3	15	-	-	15820342B	3-1/2"	9/16"	15	-	15829332B

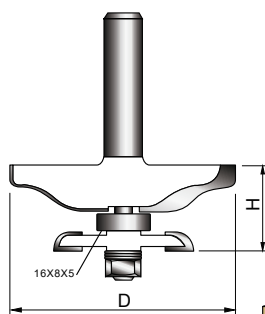
1583 COVE RAISED PANEL BIT WITH BACK CUTTER



- Create raised panels for cabinet doors, frame-and-panel furniture, and architectural paneling with a raised-panel bit.
- The back cutter on a raised panel bit makes the panel flush with the back of the door frame and it ensures a precise fit between the panel edge and groove.

D CUTTING LENGTH (MM)	H CUTTING LENGTH (MM)	12mm SHANK ITEM NO.	D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/2" SHANK ITEM NO.
82.6	28.6	15830340B	3-1/4"	1-1/8"	15839330B

1584 OGEE RAISED PANLE BIT WITH BACK CUTTER

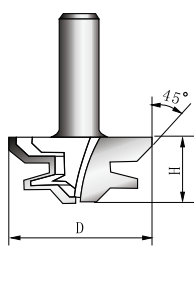


- Create center beautiful ogee raised panels for standard rail and stile cabinet doors especially designed with a back cutter blade for thicker stock.

D CUTTING LENGTH (MM)	H CUTTING LENGTH (MM)	12mm SHANK ITEM NO.
79.2	27	15840340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/2" SHANK ITEM NO.
3-1/8"	1-1/16"	15849330B

1592 45° LOCK MITER BIT

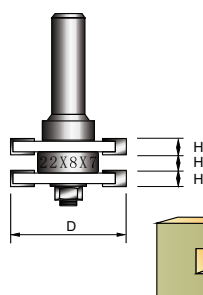


- Lock miter bit allows materials to join at 90° by cutting a 45° miter and a perfect matching tongue and groove glue joint.

D CUTTING LENGTH (MM)	H CUTTING LENGTH (MM)	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
44.5	19	15920320B	15920340B
50.8	19	15920321B	15920341B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/2" SHANK ITEM NO.
1-3/4"	3/4"	15929330B
2"	3/4"	15929331B

1593 TONGUE & GROOVE ASSEMBLY

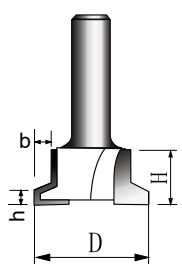


- Tongue and groove bit cuts perfectly fitted tongue-and-groove joints.
- Full assembly used to cut the tongue; groove can be cut by adjusting the height of the router bit.

D CUTTING LENGTH (MM)	H CUTTING LENGTH (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
31.8	6.35	15930301B	15930320B	15930340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1-1/4"	1/4"	15939301B	15939330B

1596 DRAWER LOCK JOINT BIT

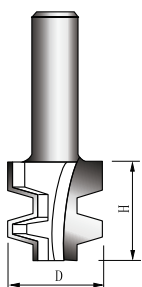


- Used for constructing durable drawer joints.
- Wedge-shaped tenons created by a drawer-lock bit self-align both work pieces for a strong, perfectly fitting joint that secures the drawer front to the drawer sides.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
25.4	12.7	15960301B	15960320B	15960340B
44.5	12.7	-	15960321B	15960341B
50.8	12.7	-	-	15960342B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1"	1/2"	15969301B	15969330B
1-3/4"	1/2"	-	15969331B
2"	1/2"	-	15969332B

1597 GLUE JOINT BIT - MEDIUM REVERSIBLE

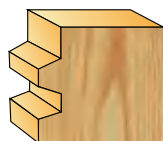
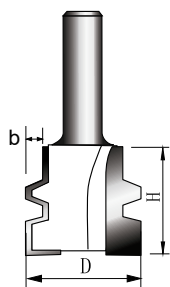


- Great for joining tabletops, door panels and even flooring, among many other glue joint projects. .
- Route both joining cuts with one reversible bit!
- Simply set the center of the bit with the center of the stock.
- Run one cut face up and the adjoining cut face down to create a perfect joint.

D CUTTING LENGTH (MM)	H CUTTING LENGTH (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
27	19.1	15970301B	15970320B	15970340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1-1/16"	3/4"	15979301B	15979330B

1599 GLUE JOINT BIT - MEDIUM REVERSIBLE

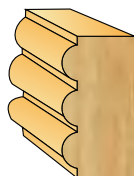
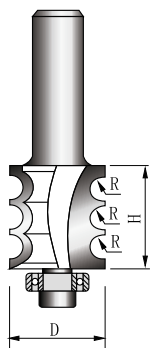


- Create extremely strong edge to edge glue joints.
- Rout both joining cuts with one reversible bit!
- Simply set the center of the bit with the center of the stock. Run one cut face up and the adjoining cut face down to create a perfect joint.
- Great for edge joining tabletops, door panels and even flooring, among many other glue joint projects.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
38.1	33	15990320B	15990340B
44.5	33	-	15990341B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/2" SHANK ITEM NO.
1-1/2"	1-5/16"	15999330B
1-3/4"	1-5/16"	15999331B

1600 TRIPLE BEAD BIT

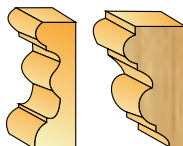
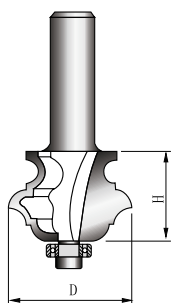


- Cut one, two, or three beads in a single pass just raise or lower the bit as needed!
- Create triple bead column and face furniture moldings and trims with triple bead router bits to add a beautiful finished look to a wide range of projects.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
22.2	25.4	3.2	16000301B	16000320B	16000340B
24	31.8	4	-	16000321B	16000341B
25.4	36.5	4.8	-	-	16000342B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
7/8"	1"	1/8"	16009301B	16009330B
24	31.8	5/32"	-	16009331B
1"	36.5	3/16"	-	16009332B

1601 CLASSICAL MULTI FORM BIT

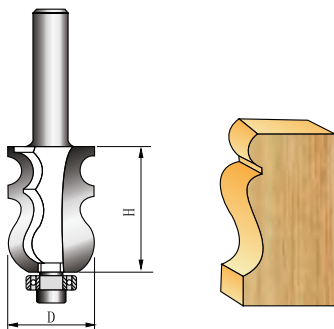


- Create a huge variety of profiles simply by adjusting the height of this bit in your router table.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	12mm SHANK ITEM NO.
57.2	47.7	16010340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/2" SHANK ITEM NO.
2-1/16"	1-7/8"	16019330B

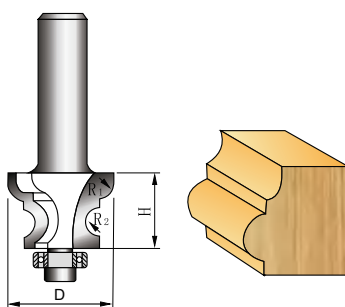
1602 / FACE MOULDING BIT



- Used for window sills, architraves, picture frames or handrails.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	Bearing	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.	D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	Bearing	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
17.5	25.4	3/8"	16020301B	16020320B	16020340B	11/16"	1"	3/8"	16029301B	16029330B

1603 / EDGE MOULDING BIT

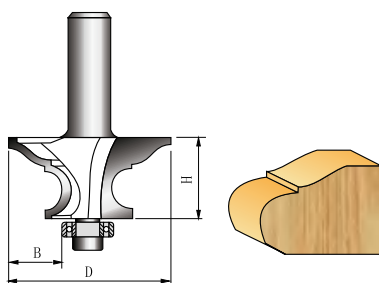


- The torus-and-cove profile produced by this bit make an excellent edge detail or molding.
- Use in a handheld or table-mounted router.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R1 (MM)	R2 (MM)	Bearing (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
31.8	22.2	4	4	16	16030301B	16030320B	16030340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R1 (INCH)	R2 (INCH)	Bearing (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1-1/4"	7/8"	5/32"	5/32"	5/8"	16039301B	16039330B

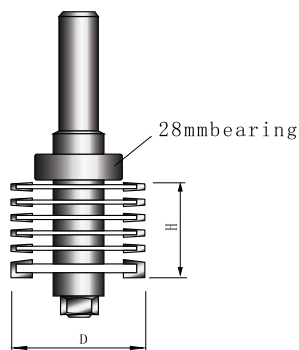
1604 / DECORATIVE MOULDING BIT



- Create detail or decorative accents and feature mouldings.
- Use in a handheld or table-mounted router.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.	D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/2" SHANK ITEM NO.
50.8	25.4	16040320B	16040340B	2"	1"	16049330B

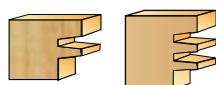
1607 / FINGER JOINT BIT ASSEMBLY



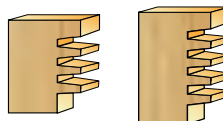
- Produces a very strong joint due to the extended glue line.
- Supplied with five, finger slot cutters, which are removable allowing for arrange of joint thickness.

D CUTTING LENGTH (MM)	H CUTTING LENGTH (MM)	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.	D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/2" SHANK ITEM NO.
39.7	30.0	16070320B	16070340B	1-6/19"	1-3/16"	16079330B
48.0	41.3	-	16070341B	1-7/8"	1-5/8"	16079331B

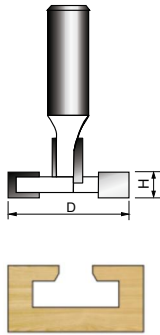
ONE FINGER TWO FINGER



THREE FINGER FOUR FINGER



1640 T-SLOT BIT

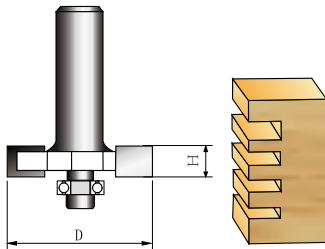


- Designed for creating T-slot wall panels (used to cut their characteristic slots for many purposes) and radiused edges on the T-slots (allow easier adjustment of fixtures on the completed wall panels).
- Bits are not designed for plunging operations.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
31.8	3.2	16400301B	16400320B	16400340B
31.8	4	16400302B	16400321B	16400341B
31.8	4.8	16400303B	16400322B	16400342B
31.8	6.4	16400304B	16400323B	16400343B
31.8	9.5	16400305B	16400324B	16400344B
31.8	10	16400306B	16400325B	16400345B
31.8	12.7	-	16400326B	16400346B
41.3	6.4	-	-	16400347B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1-1/2"	1/8"	16409301B	16409330B
1-1/2"	5/32"	16409302B	16409331B
1-1/2"	3/16"	16409303B	16409332B
1-1/2"	1/4"	16409304B	16409333B
1-1/2"	3/8"	16409305B	16409334B
1-1/2"	25/64"	16409306B	16409335B
1-1/2"	1/2"	-	16409336B
1-5/8"	1/4"	-	16409337B

1641 T SLOT BIT WITH BEARING

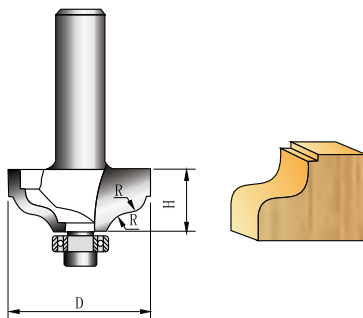


- Cut slots and grooves for splines, biscuits, T-molding or tongue and groove joints.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
31.8	3.2	16410301B	16410320B	16410340B
31.8	4	16410302B	16410321B	16410341B
31.8	4.8	16410303B	16410322B	16410342B
31.8	6.4	16410304B	16410323B	16410343B
31.8	7.9	16410305B	16410324B	16410344B
31.8	9.5	16410306B	16410325B	16410345B
31.8	10	16410307B	16410326B	16410346B
31.8	12.7	16410308B	16410327B	16410347B
41.3	6.4	16410309B	16410328B	16410348B
41.3	7.9	16410310B	16410329B	16410349B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1-1/2"	1/8"	16419301B	16419330B
1-1/2"	5/32"	16419302B	16419331B
1-1/2"	3/16"	16419303B	16419332B
1-1/2"	1/4"	16419304B	16419333B
1-1/2"	5/16"	16419305B	16419334B
1-1/2"	3/8"	16419306B	16419335B
1-1/2"	25/64"	16419307B	16419336B
1-1/2"	1/2"	16419308B	16419337B
1-5/8"	1/4"	16419309B	16419338B
1-5/8"	5/16"	16419310B	16419339B

1642 OGEE FILLET BIT

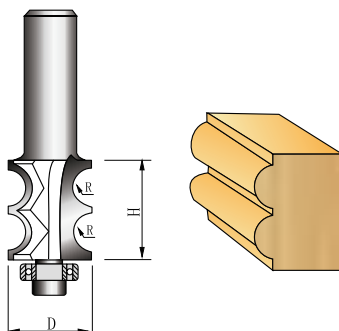


- Create a wavy shape with a fillet on top for your project.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
31.8	12	4.0	16420301B	16420320B	16420340B
34.9	13	4.8	16420302B	16420321B	16420341B
41.3	17	6.4	16420303B	16420322B	16420342B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1-1/4"	1/2"	5/32"	16429301B	16429330B
1-3/8"	9/16"	3/16"	16429302B	16429331B
1-5/8"	11/16"	1/4"	16429303B	16429332B

1643 DOUBLE BEADING BIT

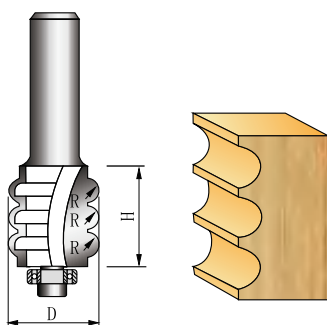


- Produce pairs of beads on the edges of shelving or narrow molding strips.
- Use in a handheld or table-mounted router.

H CUTTING DIAMETER (MM)	R (MM)	Bearing	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
26.2	4.8	16	16430301B	16430320B	16430340B

H CUTTING DIAMETER (INCH)	R (INCH)	Bearing	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1-1/16"	3/16"	5/8"	16439301B	16439330B

1644 TRIPLE FLUTING BIT

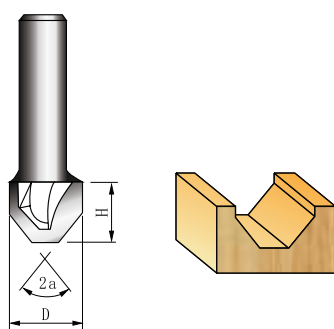


- Three uniform beads or flutes are formed in one pass with these bits.
- Produce reeded or fluted pilasters or table legs referencing opposite faces of the workpiece.
- Use in a handheld or table-mounted router.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	Bearing	R	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
25.4	38.5	16	4.76	16440320B	16440340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	Bearing	R	1/2" SHANK ITEM NO.
1"	1-33/64"	5/8"	3/16"	16449330B

1645 60° V GROOVE FLAT BOTTOM BIT

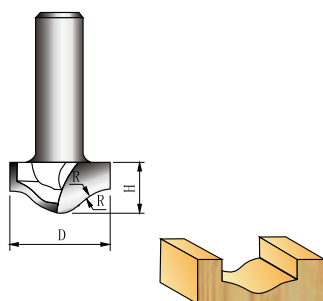


- For grooving, lettering and beveling.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	2a	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
19.05	15.9	60	16450301B	16450320B	16450340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	2a	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
3/4"	5/8"	2-3/8"	16459301B	16459330B

1646 OGEE GROOVE BIT

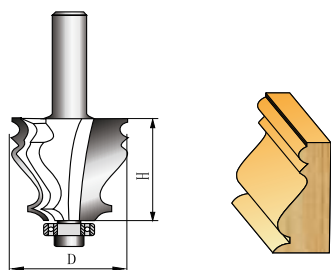


- A popular choice for making faux panel kitchen cabinet doors.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
28.6	14	9.5	16460301B	16460320B	16460340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1-1/8"	9/16"	3/8"	16469301B	16469330B

1647 ARCHITECTURAL MOULDING BIT

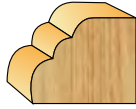
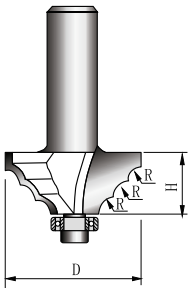


- Add an elegant finish to furniture moldings, chair rails, base moldings and casing.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	12mm SHANK ITEM NO.
35	41.3	16470340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/2" SHANK ITEM NO.
1-3/8"	1-5/8"	16479330B

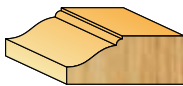
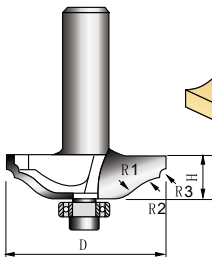
1648 CLASSICAL MOULDING BIT



- A triple quarter-round profile is produced by this tool.
- For creating intricate decorative profiles and mouldings on wooden surfaces.
- Use in a handheld or table-mounted router.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.	D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
31.8	14.5	3.5	16480301B	16480320B	16480340B	1-1/4"	9/64"	1/8"	16489301B	16489330B
38.1	19.0	4.6	16480302B	16480321B	16480341B	1-1/2"	3/4"	3/16"	16489302B	16489331B

1649 RAISED PANEL OGEE BEAD BIT

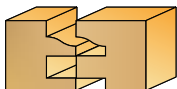
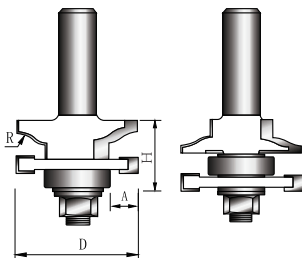


- Used for general edge profiles in addition to raised panels.
- They can be used with any of the full size Stile and Rail bits.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R1	R2	R3	12mm SHANK ITEM NO.
82.6	14.3	19	19	2	16490340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R1	R2	R3	1/2" SHANK ITEM NO.
3-1/4"	9/16"	3/4"	3/4"	5/64"	16499330B

1650 REVERSIBLE RAIL & STILE BITS-ROMAN OGEE STYLE

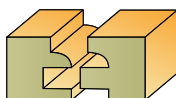
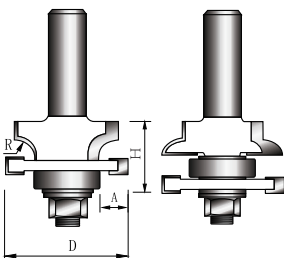


- Stile and rail bit set are a perfectly matched pair.
- Cut both the profile and scribe joints required for traditional wood panel door construction.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R	A	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
41.3	23	5.5	9.5	16500320B	16500340B
44.5	25.4	6.5	11.1	16500321B	16500341B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R	A	1/2" SHANK ITEM NO.
1-5/8"	15/16"	7/32"	3/8"	16509330B
1-3/4"	1"	1/4"	7/16"	16509331B

1651 REVERSIBLE RAIL & STILE BITS COVE STYLE

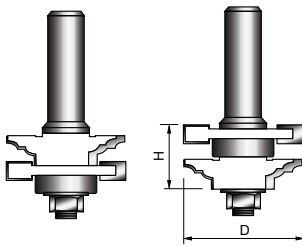


- Stile and rail bit set are a perfectly matched pair.
- Cut both the profile and scribe joints required for traditional wood panel door construction.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R	A	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
41.3	25	6.4	9.5	16510320B	16510340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R	A	1/2" SHANK ITEM NO.
1-5/8"	1"	1/4"	3/8"	16519330B

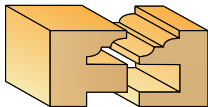
1652 REVERSIBLE RAIL & STILE BIT-CLASSICAL



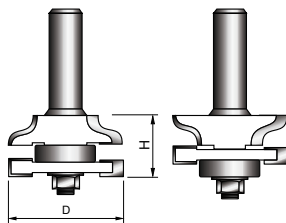
- Stile and rail bit set are a perfectly matched pair.
- Cut both the profile and scribe joints required for traditional wood panel door construction.

D CUTTING LENGTH (MM)	H CUTTING LENGTH (MM)	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
31.8	25.4	16520320B	16520340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/2" SHANK ITEM NO.
1-1/4"	1"	16529330B



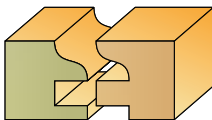
1653 REVERSIBLE RAIL & STILE BIT - OGEE



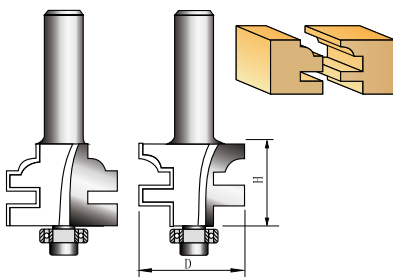
- Stile and rail bit set are a perfectly matched pair.
- Cut both the profile and scribe joints required for traditional wood panel door construction.

D CUTTING LENGTH (MM)	H CUTTING LENGTH (MM)	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
31.8	25.4	16530320B	16530340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/2" SHANK ITEM NO.
1-1/4"	1"	16539330B



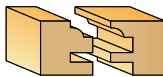
1654 REVERSIBLE STILE & RAIL BIT - BEAD



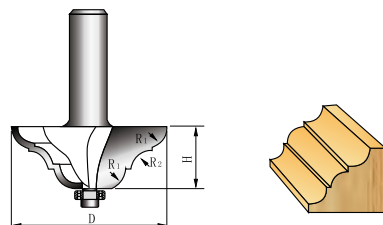
- Stile and rail bit set are a perfectly matched pair.
- Cut both the profile and scribe joints required for traditional wood panel door construction.

D CUTTING LENGTH (MM)	H CUTTING LENGTH (MM)	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
33.9	25.4	16540320B	16540340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/2" SHANK ITEM NO.
1-5/16"	1"	16549330B



1655 TABLE EDGE AND HANDRAIL BIT-FRENCH BAROQUE

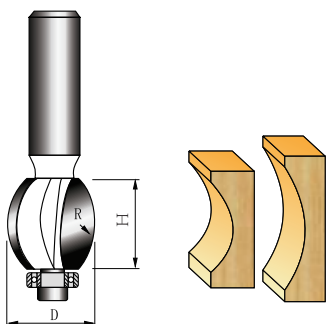


- This table edge router bit will add an elaborate edge to your table and desktop projects.
- Add a classic or ornate edge to any table top.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R1	R2	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
38.1	15.9	4.8	3.2	16550301B	16550320B	16550340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R1	R2	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1-1/2"	5/8"	3/16"	1/8"	16559301B	16559330B

1656 / CONCAVE EDGING BIT

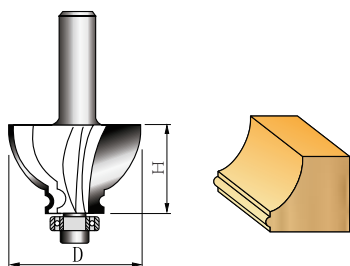


- For crescent shapes and edge forming.
- Add a concave edge molding to your furniture projects.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	BRING (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
26.4	25.4	17	15	16560301B	16560320B	16560340B
28.6	28.6	18.4	15	16560302B	16560321B	16560341B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	BRING (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1-1/16"	1-1/8"	43/64"	5/8"	16569301B	16569330B
1-1/8"	28.6	23/32"	5/8"	16569302B	16569331B

1657 / LARGE COVE MOULDING BIT

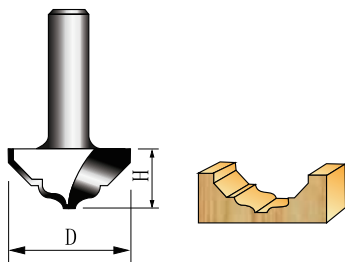


- Large cove molding adds height and style to your cabinetry.

D CUTTING LENGTH (MM)	H CUTTING LENGTH (MM)	Bearing	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
44.5	30.5	15	16570320B	16570340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	Bearing	1/2" SHANK ITEM NO.
1-3/4"	1-3/16"	5/8"	16579330B

1658 / BEVEL & OGEE PLUNGE BIT

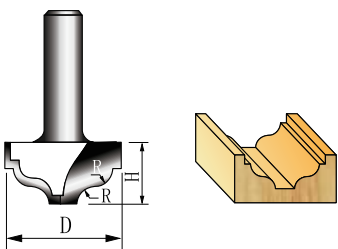


- Cut profiles or plunge for a decorative raised panel look.

D CUTTING LENGTH (MM)	H CUTTING LENGTH (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
31.8	14.3	16580301	16580320B	16580340B
44.5	20.8	-	16580321B	16580341B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1-1/4"	9/16"	16589301B	16589330B
1-3/4"	13/16"	-	16589331B

1659 / ROMAN OGEE PLUNGE BIT

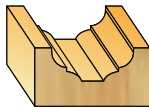
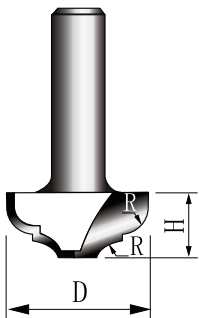


- Cut profiles or plunge for a decorative raised panel look.

D CUTTING LENGTH (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
17.5	9.5	2.4	16590301B	16590320B	16590340B
23.8	11.1	3.2	16590302B	16590321B	16590341B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
11/16"	3/8"	3/32"	16599301B	16599330B
15/16"	7/16"	1/8"	16599302B	16599331B

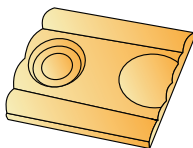
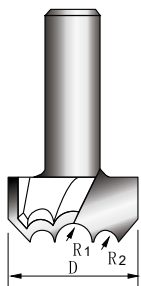
1660 CLASSICAL OGEE PLUNGE BIT



- This grooving bit features a classical ogee profile and is perfect for the rail and stile section of a CNC faux panel door profile.
- Cut faux panel or HDF cabinet doors with classical ogee grooving bits.
- These bits can be used with a handheld router and template or in a CNC machine in production shops.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.	D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
21.0	12.7	4	16600301B	16600320B	16600340B	13/16"	1/2"	5/32"	16609301B	16609330B
28.0	12.7	5.5	16600302B	16600321B	16600341B	1-1/8"	1/2"	7/32"	16609302B	16609331B
32.0	12.7	6	16600303B	16600322B	16600342B	1-1/4"	1/2"	15/64"	16609303B	16609332B

1661 DOUBLE DRAGON BALL BIT

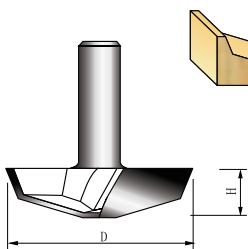


- Makes crisp rosettes in most hardwoods and softwoods.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R1	R2	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
25.4	10	3.2	1.7	16610301B	16610320B	16610340B
28.6	12	4	2.4	16610302B	16610321B	16610341B
31.8	15	4.8	2.5	16610303B	16610322B	16610342B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R1	R2	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
1"	3/8"	1/8"	1/16"	16619301B	16619330B
1-1/8"	1/2"	3/16"	3/32"	16619302B	16619331B
1-1/4"	5/8"	3/16"	7/64"	16619303B	16619332B

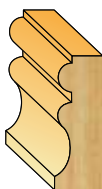
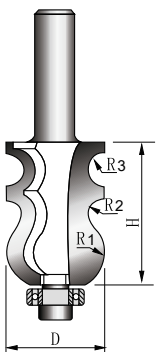
1662 RAISED PANEL BEVEL PLUNGE BIT



- Cut faux raised door panel or HDF cabinet doors.
- Used with a handheld router and template or in a CNC machine in production shops.

D CUTTING LENGTH (MM)	H CUTTING LENGTH (MM)	12mm SHANK ITEM NO.	D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/2" SHANK ITEM NO.
69.9	18	16620340B	2-3/4"	11/16"	16629330B
90.5	19.5	16620341B	3-9/16"	3/4"	16629331B

1663 FACE MOULDING BIT

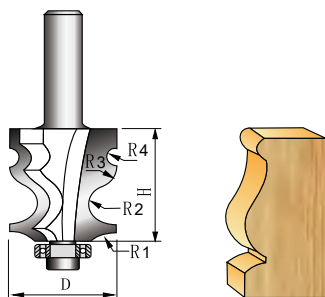


- Make an endless variety of profiles for use on any project.
- It is great for built-up moulding, chair rails, stair cases, fine furniture, etc.
- These moulding bits are an excellent choice for custom architectural millwork designs.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R1	R2	R3	Bearing	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
22.2	41.3	10	4.8	3.7	12.7	16630301B	16630320B	16630340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R1	R2	R3	Bearing	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
7/8"	1-5/8"	25/64"	3/16"	9/64"	1/2"	16639301B	16639330B

1664 FACE MOULDING BIT

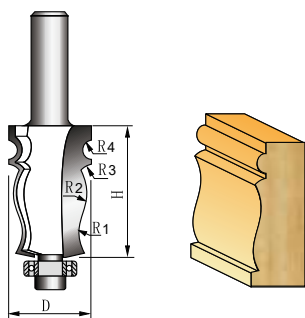


- Make an endless variety of profiles for use on any project.
- It is great for built-up moulding, chair rails, stair cases, fine furniture, etc.
- These moulding bits are an excellent choice for custom architectural millwork designs.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R1	R2	R3	R4	Bearing	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
25.4	41.3	11.5	8	22.2	3.2	12.7	16640320B	16640340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R1	R2	R3	R4	Bearing	1/2" SHANK ITEM NO.
1"	1-5/8"	7/16"	5/16"	7/8"	1/8"	1/2"	16649330B

1665 FACE MOULDING BIT

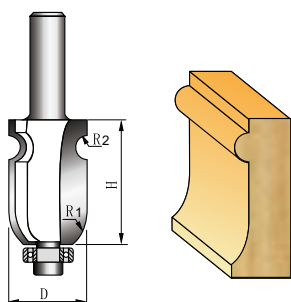


- Make an endless variety of profiles for use on any project.
- It is great for built-up moulding, chair rails, stair cases, fine furniture, etc.
- These moulding bits are an excellent choice for custom architectural millwork designs.

D CUTTING DIAMETER	H CUTTING LENGTH	R1	R2	R3	R4	Bearing	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
25.4	44.3	12	16	5.5	3.2	12.7	16650320B	16650340B

D CUTTING DIAMETER	H CUTTING LENGTH	R1	R2	R3	R4	Bearing	1/2" SHANK ITEM NO.
1"	1-3/4"	1/2"	5/8"	7/32"	1/8"	1/2"	16659330B

1666 FACE MOULDING BIT

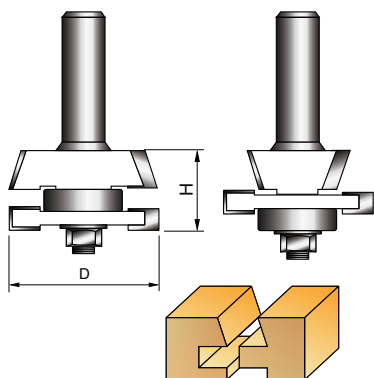


- Make an endless variety of profiles for use on any project.
- It is great for built-up moulding, chair rails, stair cases, fine furniture, etc.
- These moulding bits are an excellent choice for custom architectural millwork designs.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	R1	R2	Bearing	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.
22.2	41.3	15	4	12.7	16660320B	16660340B

D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R1	R2	Bearing	1/2" SHANK ITEM NO.
7/8"	1-5/8"	19/32"	5/32"	1/2"	16669330B

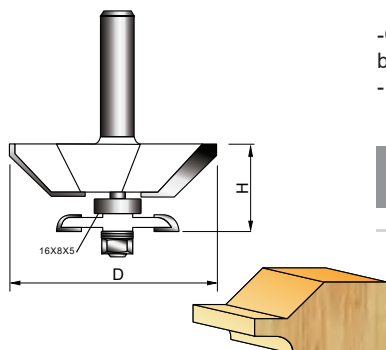
1667 REVERSIBLE SHAKER DOOR RAIL & STILE BIT



- Stile and rail bit set are a perfectly matched pair.
- Cut both the profile and scribe joints required for traditional wood panel door construction.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.	D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/2" SHANK ITEM NO.
41.3	15	16670320B	16670340B	1-5/8"	5/8"	16679330B

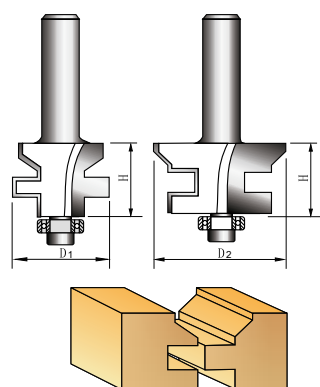
1668 BEVEL RAISED PANEL BIT WITH BACK CUTTER



- Create center panels for standard rail and stile cabinet doors especially designed with a backcutter blade for thicker stock.
- For use on table mount router.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.	D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/2" SHANK ITEM NO.
63.5	28.6	16680320B	16680340B	2-1/2"	1-1/8"	16689330B

1669 45° CHAMFER STILE & RAIL BIT SET

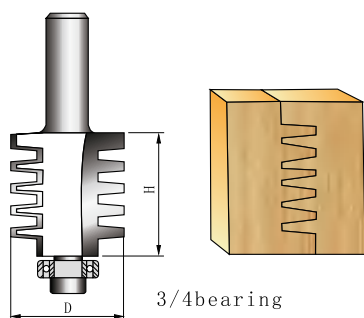


- Stile and rail bit set are a perfectly matched pair.
- Cut both the profile and scribe joints required for traditional wood panel door construction.

D1 CUTTING DIAMETER (MM)	D2 CUTTING LENGTH (MM)	H CUTTING LENGTH (MM)	Bearing	12mm SHANK ITEM NO.
35	50.8	30.2	16	16690340B

D1 CUTTING DIAMETER (INCH)	D2 CUTTING LENGTH (INCH)	H CUTTING LENGTH (INCH)	Bearing	1/2" SHANK ITEM NO.
1-3/8"	2"	1-3/16"	5/8"	16699330B

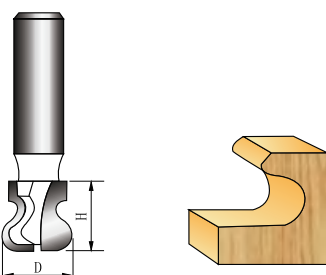
1670 REVERSIBLE FINGER JOINT BIT



- Create accurate and functional finger joints without any adjustment.

D CUTTING DIAMETER (MM)	H CUTTING LENGTH (MM)	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.	D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/2" SHANK ITEM NO.
31.8	38.1	16700320B	16700340B	1-1/4"	1-1/2"	16709330B
34.9	38.1	16700321B	16700341B	1-3/8"	1-1/2"	16709331B
38.1	38.1	16700322B	16700342B	1-1/2"	1-1/2"	16709332B

1572 DRAWER PULL BITS



- Cuts an European Style groove across the bottom of a desk drawer allowing a place for your fingers to pull open the drawer.

D CUTTING LENGTH (MM)	H CUTTING LENGTH (MM)	6mm SHANK ITEM NO.	8mm SHANK ITEM NO.	12mm SHANK ITEM NO.	D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	1/4" SHANK ITEM NO.	1/2" SHANK ITEM NO.
22.2	16	15720301B	15720320B	15720340B	7/8"	5/8"	15729301B	15729330B
25.4	20.6	15720302B	15720321B	15720341B	1"	13/16"	15729302B	15729331B

990004 / 24PCS 1/4" SHANK ROUTER BIT SET IN ALUMINUM CASE



ITEM NO.	D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R CUTTING RADIUS (INCH)
MORTISING BIT	1/2"	-	-
COMBINATION BIT	1/2"	-	-
DOVETAIL BIT	3/8"	-	-
DOVETAIL BIT	1/2"	-	-
90° V GROOVE BIT	1/2"	-	-
ROUND NOSE BIT	1/4"	-	1/8"
ROUND NOSE BIT	1/2"	-	1/4"
BEVELTRIMMING BIT	5/8"	-	-
PANEL PILOT BIT	1/4"	-	-
STRAIGHTBIT	1/4"	3/4"	-
STRAIGHT BIT	3/8"	1"	-
STRAIGHT BIT	1/2"	1"	-
STRAIGHT BIT	3/4"	3/4"	-
FLUSH TRIM BIT	1/2"	-	-
ROUNDING OVER BIT	3/4"	-	1/8"
ROUNDING OVER BIT	7/8"	-	3/16"
ROUNDING OVER BIT	1"	-	1/4"
ROUNDING OVER BIT	1-1/4"	-	3/8"
COVE BIT	1-1/8"	-	3/8"
COVE BIT	7/8"	-	1/4"
ROMAN OGEE BIT	1-1/8"	-	1/4"
CHAMFER BIT	1-3/16"	-	-
SLOT CUTTER BIT	1-1/4"	1/4"	-
RABBETING BIT	1-1/4"	1/2"	-

990005 / 15PCS 1/4" SHANK ROUTER BIT SET IN ALUMINUM CASE



ITEM NO.	D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R CUTTING RADIUS (INCH)
STRAIGHT BIT WITH SINGLE FLUTE	1/8"	1/2"	-
STRAIGHT BIT	1/4"	3/4"	-
STRAIGHT BIT	1/2"	3/4"	-
STRAIGHT BIT	5/8"	3/4"	-
MORTISING BIT	1/2"	-	-
DOVETAIL BIT	1/2"	-	-
PANEL PILOT BIT	1/4"	-	-
FLUSH TRIM BIT	1/2"	-	-
90° V GROOVE BIT	1/2"	-	-
ROUND NOSE BIT	1/4"	-	1/8"
ROUND NOSE BIT	1/2"	-	1/4"
CHAMFER BIT	1-1/4"	-	-
ROMAN OGEE BIT	1"	-	5/32"
COVE BIT	7/8"	-	1/4"
ROUNDING OVER BIT	1-1/8"	-	3/8"

990010 / 10PCS 8MM SHANK ROUTER BIT SET IN WOODEN CASE



ITEM NO.	D CUTTING DIAMETER (MM)	H CUTTING DIAMETER (MM)	R CUTTING RADIUS (MM)
STRAIGHT BIT	6.35	20	-
STRAIGHT BIT	9.5	20	-
STRAIGHT BIT	12.7	25.4	-
14° DOVETAIL BIT	12.7	12.7	-
CORE BOX BIT	12.7	9.5	6.35
90° V-GROVE BIT	12.7	12.7	-
FLUSH TRIM BIT	12.7	12.7	-
COVE BIT	22.2	12.7	6.35
ROUND OVER BIT	25.4	15.88	6.35
ROMAN OGEE BIT	27	12.7	4

990011 / 10PCS 1/4" SHANK ROUTER BIT SET IN WOODEN CASE



ITEM NO.	D CUTTING DIAMETER (INCH)	H CUTTING LENGTH (INCH)	R CUTTING RADIUS (INCH)
STRAIGHT BIT	1/4"	3/4"	-
STRAIGHT BIT	3/8"	3/4"	-
STRAIGHT BIT	1/2"	1"	-
DOVETAIL BIT	1/2"	1/2"	-
CORE BOX BIT	1/2"	3/8"	1/4"
V-GROOVE BIT	1/2"	1/2"	-
FLUSH TRIM BIT	1/2"	1/2"	-
COVE BIT	7/8"	1/2"	1/4"
ROUND OVER BIT	1"	5/8"	1/4"
ROMAN OGEE BIT	1"	1/2"	5/32"

990012 / 6PCS 8MM SHANK ROUTER BIT SET IN WOODEN CASE



ITEM NO.	D CUTTING DIAMETER (MM)	H CUTTING DIAMETER (MM)	R CUTTING RADIUS (MM)
CORE BOX BIT	12.7	12.7	6.35
STRAIGHT BIT	6	16	-
ROUND OVER BIT	31.8	16.7	9.5
STRAIGHT BIT	10	19	-
ROMAN OGEE BIT	28.6	13	4
STRAIGHT BIT	12	19	-

990013 / 12PCS 8MM SHANK ROUTER BIT SET IN WOODEN CASE



ITEM NO.	D CUTTING DIAMETER (MM)	H CUTTING DIAMETER (MM)	R CUTTING RADIUS (MM)
STRAIGHT BIT	6	16	-
STRAIGHT BIT	12	19	-
STRAIGHT BIT	16	19	-
STRAIGHT BIT	12.7	13	-
DOVETAIL BIT	12.7	13	14 degree
V-GROOVE BIT	12.7	12.7	90 degree
CORE BOX BIT	12.7	10	6.35
ROUND OVER BIT	25.4	13.5	6.35
ROUND OVER BIT	31.8	16.7	9.5
CHAMFER BIT	31.8	28.6	45degree
ROMAN OGEE BIT	13.5	13	4

990014 / 12PCS 6MM SHANK ROUTER BIT SET IN WOODEN CASE



ITEM NO.	D CUTTING DIAMETER (MM)	H CUTTING DIAMETER (MM)	R CUTTING RADIUS (MM)
STRAIGHT BIT	6	19	-
STRAIGHT BIT	6	16	-
STRAIGHT BIT	12	32	-
STRAIGHT BIT	14	19	-
FLUSH TRIM BIT	12.7	13	-
ROUND NOSE BIT	6.35	12.7	3.2
GROOVE BIT	12.7	12.7	-
OVOLO BIT	19	9.5	3.2
ROUND OVER BIT	25	13.5	6.35
ROUND OVER BIT	28.6	14.5	7.9
45° CHAMFER BIT	25.4	11	-
ROMAN OGEE BIT	25.4	9.5	3.2

150101/2 / 3PCS 8MM / 1/4" SHANK STRAIGHT BIT SET IN PLASTIC CASE



150101

ITEM NO.	S SHANK DIAMETER (MM)	D CUTTING DIAMETER (MM)	H CUTTING DIAMETER (MM)
Straight Bit	8	6.35	19
Straight Bit	8	9.5	25.4
Straight Bit	8	12.7	19



150102

ITEM NO.	S SHANK DIAMETER (MM)	D CUTTING DIAMETER (INCH)	H CUTTING DIAMETER (INCH)
Straight Bit	1/4"	1/4"	3/4"
Straight Bit	1/4"	3/8"	1"
Straight Bit	1/4"	1/2"	3/4"

155501/2 / 4PCS ROUND OVER BIT SET IN PLASTIC CASE



155501

ITEM NO.	S SHANK DIAMETER (MM)	H CUTTING DIAMETER (MM)	H CUTTING DIAMETER (MM)
Round Over Bit	8	3.2mm	3.2
Round Over Bit	8	6.35mm	6.35
Round Over Bit	8	9.5mm	9.5
Round Over Bit	8	12.7mm	12.7



155502

ITEM NO.	S SHANK DIAMETER (INCH)	H CUTTING DIAMETER (INCH)	H CUTTING DIAMETER (INCH)
Round Over Bit	1/4"	3/4"	1/8"
Round Over Bit	1/4"	1"	1/4"
Round Over Bit	1/4"	1-1/4"	3/8"
Round Over Bit	1/4"	1-1/2"	1/2"

A close-up photograph of a hand holding a glowing, ethereal object. The hand is positioned in the upper left, with fingers slightly curled. The object is a bright, golden-yellow sphere with a soft, hazy glow, resembling a small star or a piece of magic. The background is dark and textured, with a grainy, almost painterly quality. The overall mood is mysterious and magical.

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