

WPW PROFESSIONAL CUTTING TOOLS

For Machining Traditional & Advanced Materials
Wood, Composites, Aluminum, Plastics & more

2025 New Tools

WPW CNC TOOLING SOLUTIONS

This WPW Catalog Supplement includes new tools that we started producing during 2024-2025. Most of them are traditional tools offered according to the market needs, which have not been in WPW programme so far. There are many additional tools to come in the near future.



For some new creative ideas, please look for this stamp.

VM

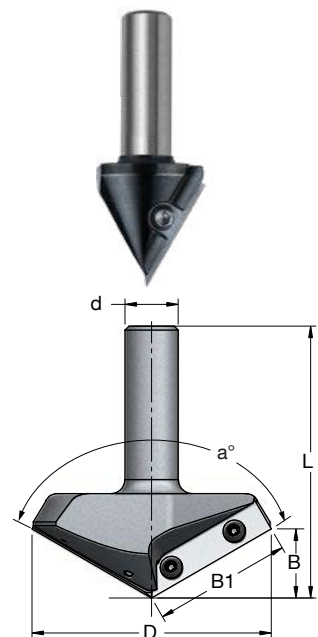
CNC V-Groove with replaceable Carbide Blades

Designed for V-grooving, chamfering, engraving, sign making etc. Reduces set up time and cost effective. Supplied with Torx Key. Balanced for perfect smooth cuts.

d=12	d=1/2"	a°	D	B	B1	L	Z	Blade No.	Torx Screw
VM452002	VM452008	45	20.6	25	27	60	1	CMV4509	BT35048S
VM452102	VM452108	45	20.6	25	27	93	1	CMV4509	BT35048S
VM602702	VM602708	60	26	23	27	63	1	CMV4509	BT35048S
VM703102	VM703108	70	31	22	27	65	1	CMV4509	BT35048S
VM90402	VM90408	90	38	19	27	76	1	CMV9012	BT35048
VM91402	VM91408	91	38	19	27	76	1	CMV9012	BT35048
VM100412	VM100418	100	41	17	27	81	1	CMV9012	BT35048
VM110452	VM110458	110	44.4	16	27	81	1	CMV9012	BT35048

d=12	d=1/2"	a°	D	B	B1	L	Z	Blade No.	Torx Screw
VM120522	VM120528	120	52	14.7	29.8	78	2	CMV1203030	BT40056
VM130542	VM130548	130	54	12.7	29.8	78	2	CMV1203030	BT40056
VM140562	VM140568	140	55.4	10.3	29.8	78	2	CMV1203030	BT40056
VM150572	VM150578	150	57	7.6	29.8	75	2	CMV1203030	BT40056
VM160602	VM160608	160	59	5.0	29.8	70	2	CMV1203030	BT40056

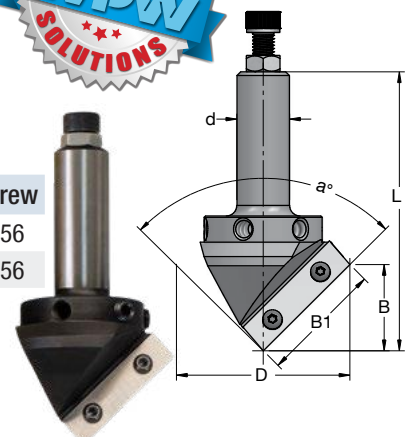
d=3/4"	a°	D	B	B1	L	Z	Blade No.	Torx Screw
VM120869	120	86	25	50	97	2	CMV1205012	BT40056



Heavy Duty CNC Insert V-Groove

With new improved balancing system for higher speeds

d=3/4"	d=20	a°	D	B	B1	L	Z	Blade No.	Torx Screw
VM90669	VM9066E	90	66	33	47	106	1	CMV901250	BT40056
VM91679	VM9167E	91	67	33	47	106	1	CMV901250	BT40056

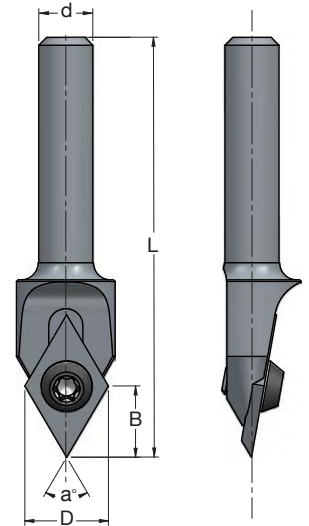


VM

CNC V-Groove with replaceable Carbide Blades

d=6	d=1/4"	a°	D	B	L	Z	Blade No	Torx Screw
VM60123TR	VM60124TR	60	11.9	8	50	1	CMV6017	BT35048

d=12	d=1/2"	a°	D	B	L	Z	Blade No.	Torx Screw
VM90172A	VM90178A	90	17	8	59	1	CM01212	BT35048

**SMM**

Multi Angle Bit with Replaceable Carbide Blades

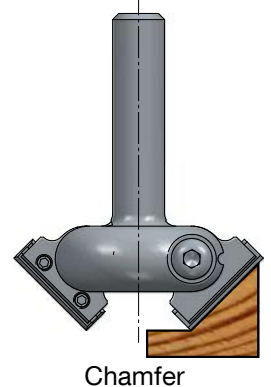
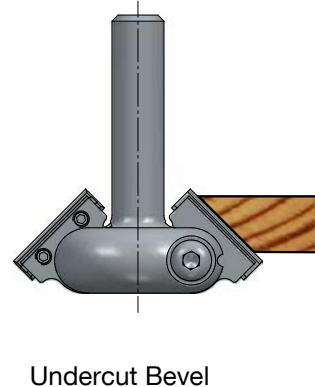
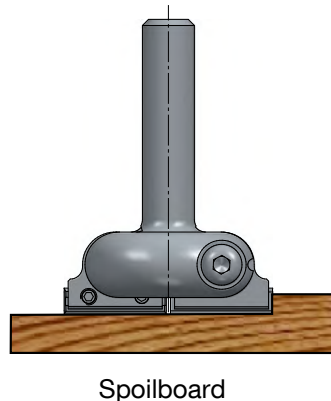
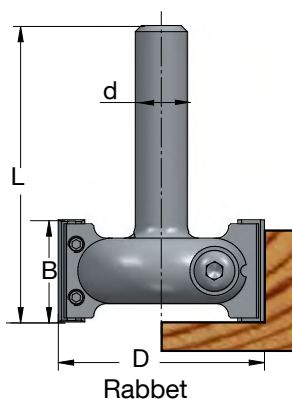
Adjustable Angle from -45° up to +90°, allows Beveling, Chamfering, Rabbeting and Surfacing with the same tool.

The angle can be adjusted, using a notched scale with fixed increments (INC).



d=12	d=1/2"	a°	INC	D	B	L	Blade No.	Hex Screw	Max RPM
SMM4482	SMM4488	-45° to 90°	15°	50.8	25	73	CMG6525X2	BR40030	16000

d=3/4"	a°	INC	D	B	L	Blade No.	Torx Screw	Max RPM
SMM6809	-45° to 90°	7.5°	-45° to 90°	40	94	CM04012X2	BT40056	12000



Spoilboard Surfacing Bits with Replaceable Blades

PM

Not for Plunging

d=12	d=1/2"	D	B	L	Z	Blade No.	Torx Screw
PM22322	PM22328	32	12	54	2	CM01212K	BT35048
PM22382	PM22388	38	12	55.5	2	CM01212K	BT35048
PM22632K	PM22638K	63.5	12	63.5	2	CM01212K	BT40056



PM

Suitable for Plunging

d=1/4"	d=8	D	B	L	Z	Blade No.	Torx Screw
PM22254	PM22255	25.4	12	51	2	CM01212K	BT40056



PMS

Suitable for Plunging

d=6	d=1/4"	D	B	L	Z	Blade No.	Torx Screw
PMS30383	PMS30384	38	5	50	3	CM01010CH	BT40056

d=12	d=1/2"	D	B	L	Z	Blade No.	Torx Screw
PMS30592	PMS30598	59	6.5	80	3	CM01212CHK	BT40056
PMS30632	PMS30638	63	6.5	66	3	CM01212CHK	BT40056

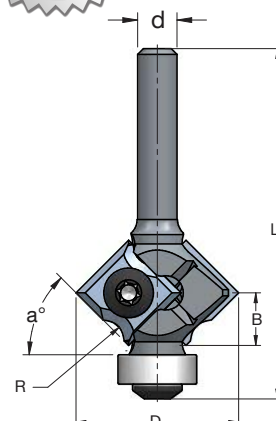
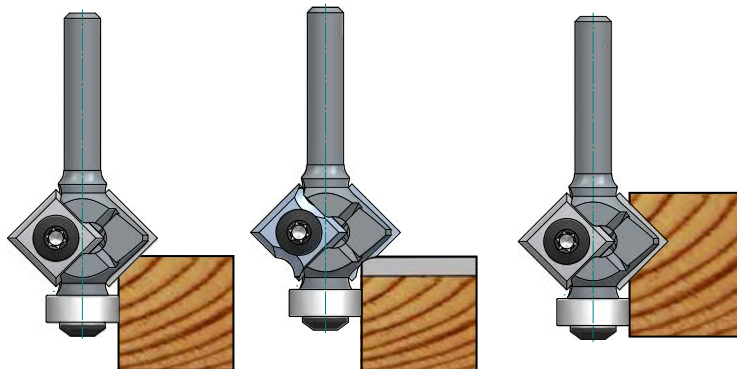


Multi Tasking Insert Tool with Ball Bearing Guide

By changing or turning the replaceable blades, this tool can perform as Bevel Trim Bit, Rounding Over Bit and V-grooving Bit



d=6	d=1/4"	a°	D	B	L	Blade No	Torx Screw	Ball Bearing
SLM45003	SLM45004	45°	27	7	56	CM01212x2	BT40056	B127063
RWM0153	RWM0154	R1.5 +45°	27	7	56	CMR12015x2	BT40056	B127063
RWM0203	RWM0204	R2 +45°	27	7	56	CMR12020x2	BT40056	B127063
RWM0303	RWM0304	R3+45°	27	7	56	CMR12030x2	BT40056	B127063

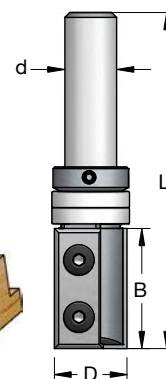


PFM

Straight Plunge Template Bit with 2 Replaceable Carbide Blades

d=8	D	B	L	Blade No	Torx Screw	Ball Bearing	Retaining Colar
PFM5195	19	29.5	71	CM03012x2	BT40056	B190080	PF08000

d=12	d=1/2"	D	B	L	Blade No	Torx Screw	Ball Bearing	Retaining Colar
PFM5192	PFM5198	19	29.5	83	CM03012x2	BT40056	B190127x2	PF19000

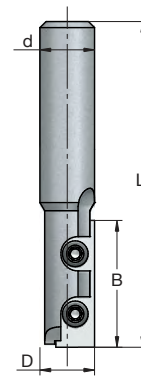


PM1

Insert Straight Single Flute Straight Bit

Suitable for Plunging

d=12	d=1/2"	D	B	L	Blade No.	Torx Screw
PM15132	PM15138	12.7	29.5	76	CM03090	BT35048S

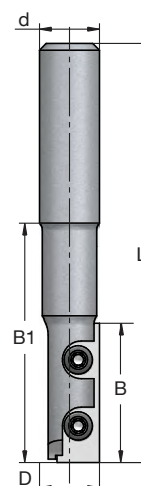


Long Version

d=12	d=1/2"	D	B	B1	L	Blade No.	Torx Screw
PM15132X	PM15138X	12.7	29.5	50	89	CM03090	BT35048S
PM15132XX	PM15138XX	12.7	29.5	62	100	CM03090	BT35048S
PM18132	PM18138	12.7	49.5	62	100	CM05090	BT35048S

Special Design for Festool® Templates

d=12	D	B	L	Blade No.	Torx Screw
PM18142XX	14	49.5	117	CM05090	BT35048S



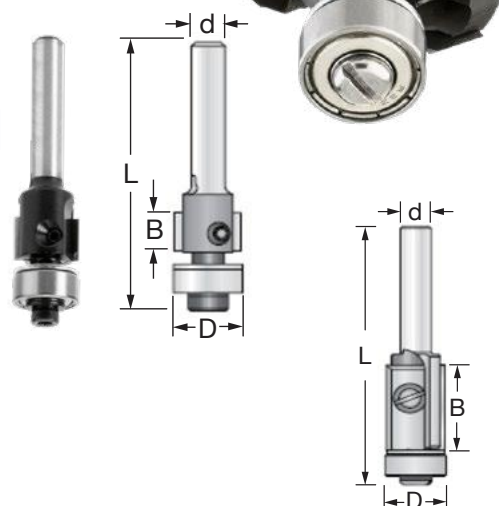
WPW INSERT E-LINE

FM

Flush Trim Bits

d=6	d=1/4"	D	B	L	Z	Blade No.	Hex Screw
FM13003	FM13004	12.7	8.5	57	2	CM00860	BR30400FS

d=6	d=1/4"	d=8	D	B	L	Z	Blade No.	Screw
FM13013	FM13014	FM13015	12.7	20	63.5	2	CM02090	BR30400FS

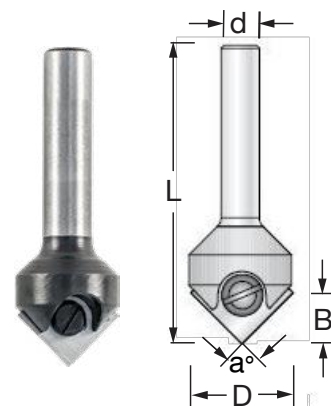


V-Groove

Single Flute, 4 Cutting Edges

d=6	d=1/4"	d=8	a°	D	B	L	Z	Blade No.	Screw
VM90173	VM90174	VM90175	90	17	8	50	1	CM01212	BR30400FS

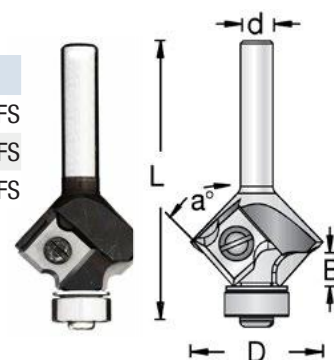
d=12	d=1/2"	a°	D	B	L	Z	Blade No.	Screw
VM90172	VM90178	90	17	8	56	1	CM01212	BR30400FS



HRWM

Rounding Over and Bevel Trimming Bits

d=6	d=1/4"	d=8	D	B	L	R/a°	Z	Blade No.	Screw
HRWM153X2	HRWM154X2	HRWM155X2	27	7	60	R1.5+45°	2 + 2	CMR12015x2	BR30400FS
HRWM203X2	HRWM204X2	HRWM205X2	27	7	60	R2+45°	2 + 2	CMR12020x2	BR30400FS
HRWM303X2	HRWM304X2	HRWM305X2	27	7	60	R3+45°	2 + 2	CMR12030x2	BR30400FS



CMR

Additional Replacement Blades: 4 Radial Cutting Edges

Tool No.	Radius
CMR12015x4	R1.5
CMR12020x4	R2
CMR12030x4	R3



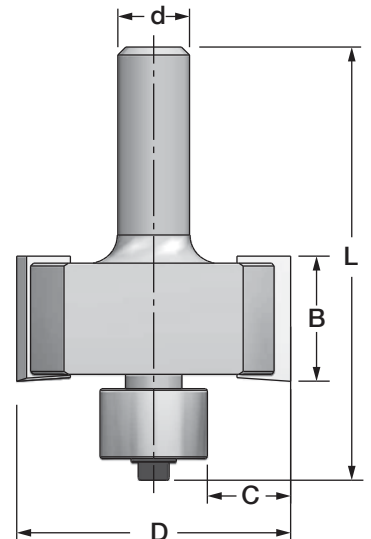
Multi Rabbet Router Bit

Create your desired Rabbet size (C) from 19mm to zero (Flush), by choosing any optional replaceable collar from the table

ESR

Multi Rabbet - Carbide Tipped Bit

d=12	d=1/2"	D	B	L	C	Ball Bearing	Replacement Collar
ESR2192	ESR2198	50.8	22.5	78	15.9	B127063x2	BAL19127



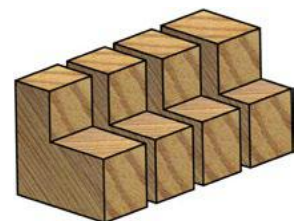
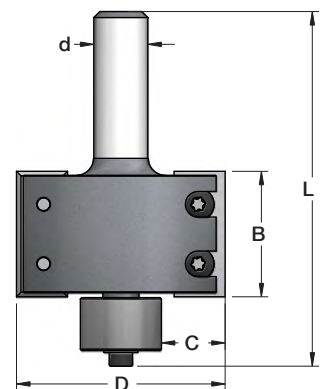
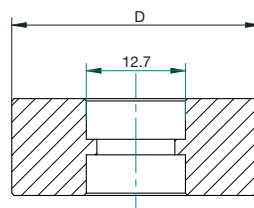
EM

Multi Rabbet – With Replaceable Carbide Blades

d=12	d=1/2"	D	B	L	C	Blade No.	Torx Screw	Ball Bearing	Replacement Collar
EM25512	EM25518	50.8	29.5	86	15.9	CM03012x2	BT40056	B127063x2	BAL19127

Optional Replacment Collar

Tool No.	D	C
BAL14127	14.3	18.3
BAL16127	15.9	17.5
BAL19127	19.0	15.9
BAL21127	20.6	15.1
BAL22127	22.2	14.3
BAL25127	25.4	12.7
BAL27127	27.0	11.9
BAL28127	28.6	11.1
BAL32127	31.8	9.5
BAL33127	32.5	9.1
BAL35127	35.0	7.9
BAL38127	38.1	6.4
BAL39127	38.9	6
BAL41127	41.3	4.8
BAL44127	44.5	3.2
BAL48127	47.6	1.6
BAL51127	50.8	0



Routers for Aluminum Composite Cladding Materials

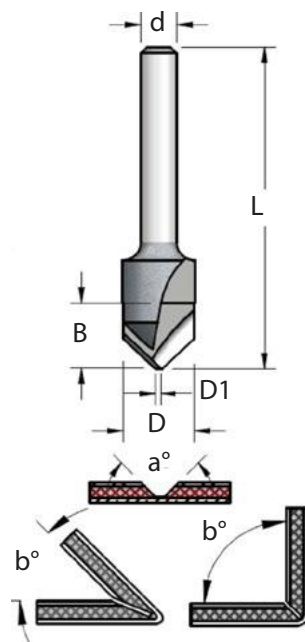
Designed for folding and shaping materials such as Alucobond, Dibond etc. Routing V-shaped grooves into the aluminum cover and part of the polyethylene core, allows folding the remaining material by hand.

VE

V- Grooving Bit – Carbide Tipped

d=6	d=1/4"	a°	b°	D	D1	B	L
VE108133	VE108134	108	72	12.7	2.3	9	51

d=12	d=1/2"	a°	b°	D	D1	B	L
VE90122	VE90128	90	90	12.7	2.3	9	51
VE108132	VE108138	108	72	12.7	2.3	9	52



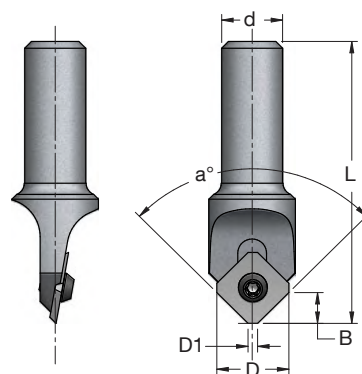
VM...AL

V- Grooving Bit with Replaceable Carbide Blade

Single flute

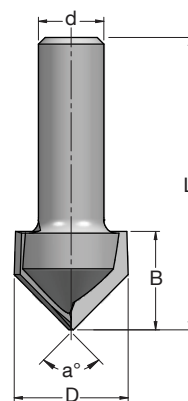
d=6	d=1/4"	a°	D	D1	B	L	Blade No.	Torx Screw
VM90173AL	VM90174AL	90	17	2.3	7.5	58	CM01212CH	BT35048

d=12	d=1/2"	a°	D	D1	B	L	Blade No.	Torx Screw
VM90172AL	VM90178AL	90	17	2.3	7.5	58	CM01212CH	BT35048



V – Grooving Bit

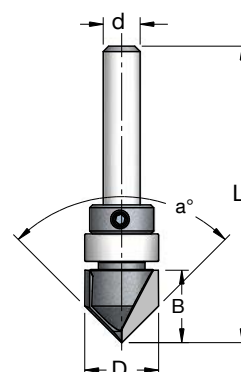
d=12	d=1/2"	a°	D	B	L
V601272	V601278	60	12.7	16	57
V900952	V900958	90	9.5	11	51
V902202	V902208	90	22.2	19	57
V905102	V905108	90	50.8	34	83



VF

V – Grooving Bit With Upper Bearing

d=6	d=1/4"	a°	D	B	L	Ball Bearing
VF90133	VF90134	90	12.7	13	51	B127063



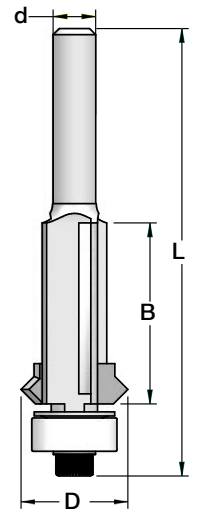
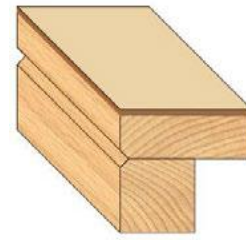
FV

Flush Trim V - Groove Bit

For flush trimming and at the same time, cutting V groove to conceal the joint line between the two boards.

d=6	d=1/4"	D	B	L	Ball Bearing
FV41273	FV41274	12.7	25	67	B127048

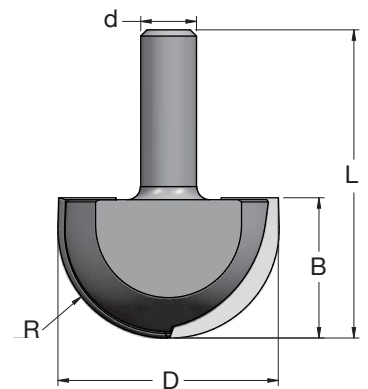
d=12	d=1/2"	D	B	L	Ball Bearing
FV41272	FV41278	12.7	25	83	B127048



RB

Core Box Bit

d=12mm	d=1/2"	R	D	B	L
RB06012	RB06018	3.2	6.3	9.5	57
RB38002	RB38008	19	38	32	70
RB51002	RB51008	25.4	51	32	70
RB57002	RB57008	28.6	57	32	70

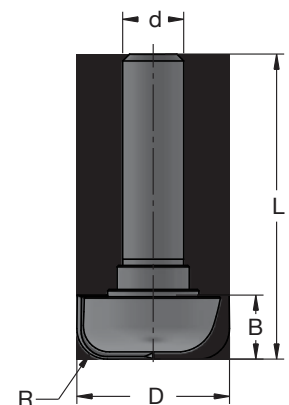


RB

Bowl and Tray Bit

d=6mm	d=1/4"	R	D	B	L
RB12733	RB12734	3.2	12.7	12.7	54
RB19033	RB19034	6.35	19	16	51

d=12mm	d=1/2"	R	D	B	L
RB19032	RB19038	6.35	19	16	67
RB28062	RB28068	6.35	28.6	16	67
RB32062	RB32068	6.35	32	12.7	63

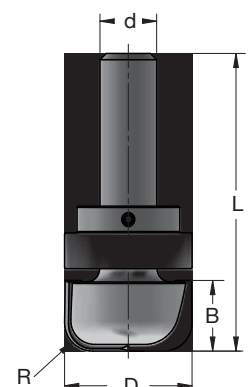


DB

Bowl and Tray Bit with Upper Bearing

d=6mm	d=1/4"	R	D	B	L	Ball Bearing	Retaining Collar
DB12733	DB12734	3.2	12.7	12.7	54	B127063	PF06300
DB19033	DB19034	6.35	19	16	51	B190063	PF06300

d=12mm	d=1/2"	R	D	B	L	Ball bearing	Retaining Collar
DB19032	DB19038	6.35	19	16	67	B190127	PF19000
DB28062	DB28068	6.35	28.6	16	67	B285127	PF12700
DB32062	DB32068	6.35	32	12.7	63	B320150	PF12700

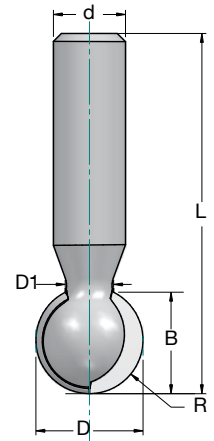


ROR

Ball End Bit

For cutting channels for pipes or cables.
Suitable for 3D carving

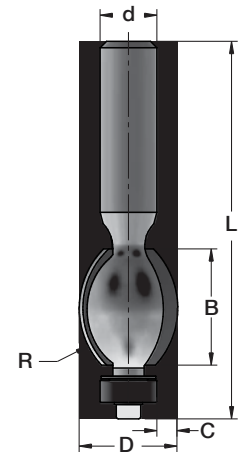
d=12	d=1/2"	R	D	D1	B	L
ROR0802	ROR0808	8	16	7	14.5	63
ROR0952	ROR0958	9.5	19	8	17.5	64
ROR1272	ROR1278	12.7	25.4	8.7	24	70



ROB

Flat Sunk Bead Bit

d=12	d=1/2"	R	D	B	C	L	Ball bearing
ROB1222	ROB1228	12	22.2	19	4.8	78	B127048
ROB1922	ROB1928	19	22.2	25	4.8	85	B127048



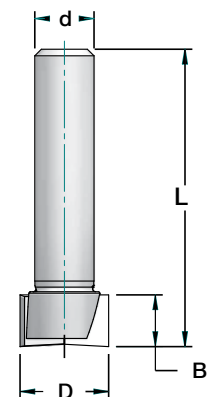
P2T

Bottom Cleaning Bit

Up-Shear design

d=6	d=1/4"	D	B	L
P2T1193	P2T1194	19	11	57

d=12	d=1/2"	D	B	L
P2T1192	P2T1198	19	11	63
P2T1252	P2T1258	25.4	11	63
P2T3802	P2T3808	38	16	70



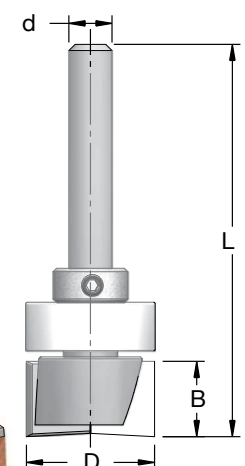
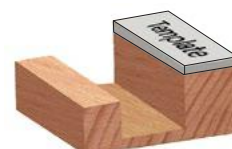
P2TF

Bottom Cleaning Bit With Upper Bearing

Up-Shear design

d=6	d=1/4"	D	B	L	Ball Bearing	Retaining Collar
P2TF193	P2TF194	19	11	57	B190063	PF06300

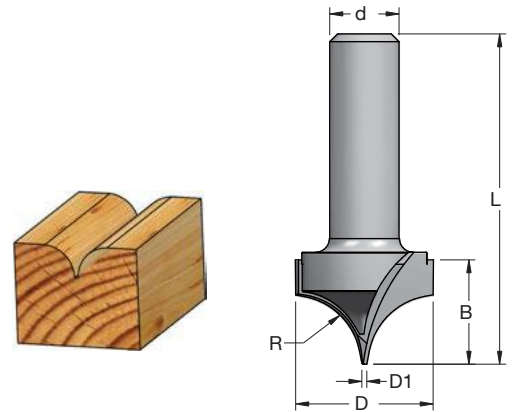
d=12	d=1/2"	D	B	L	Ball Bearing	Retaining Collar
P2TF192	P2TF198	19	11	63	B190127	PF19000
P2TF252	P2TF258	25.4	11	63	B254127	PF19000
P2TF382	P2TF388	38	16	70	B380150	PF12700



RU

Panel and Veining Bit

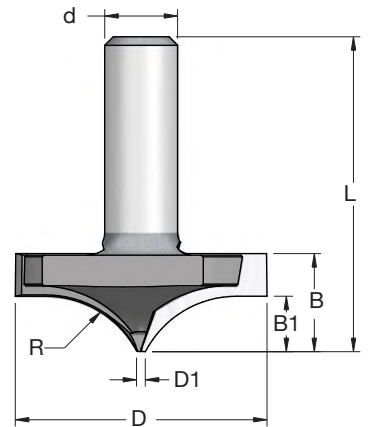
d=12	d=1/2"	R	D	D1	B	L
RU12002	RU12008	12.7	25.4	0.9	19	60



RUA

Plunge Ovolo Bit With Center Point

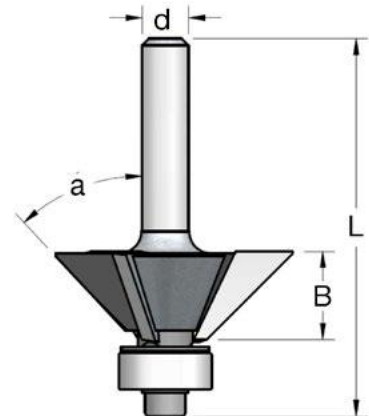
d=12	d=1/2"	R	D	D1	B	B1	L
RUA1802	RUA1808	18	44.5	1.5	18	10	55



SL3

Bevel Trim Bit – 3 Flutes

d=8	a°	B	L	Ball Bearing
SL31505	15	11	51	B160050
SL32505	25	10	51	B160050
SL33005	28	10	51	B160050
SL34515	45	8	52	B160050

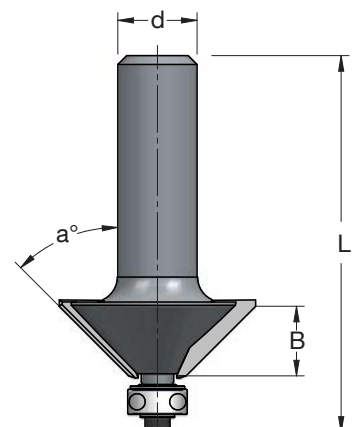


SL45

Bevel Trim Bit – 2 Flutes

d=6	d=1/4"	d=8	a°	B	L	Ball Bearing
SL45013A	SL45014A	SL45015A	45	11	51	B095032

d=12	d=1/2"	a°	B	L	Ball Bearing
SL45012A	SL45018A	45	11	60	B095032





26 Hahermesh St. Industrial Area, Karmiel

P.O.Box 6444, Karmiel 2165270 Israel

Tel: +972 4 998 9482 | Fax: +972 4 988 2817

www.wpw-tools.com | info@wpw.co.il

