

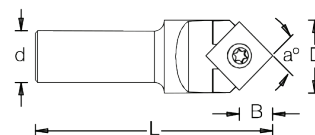
WPW CNC TOOLING SOLUTIONS

VM

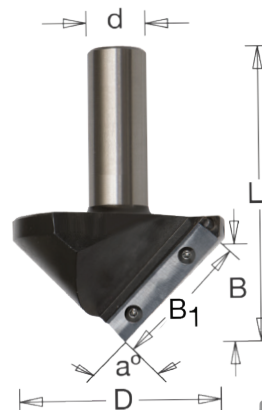
CNC V-Groove with replaceable Carbide Blades

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	L	Z	Blade No.	Torx Screw
VM90172A	VM90178A	90	17	8	59	1	CM01212	BT35048



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	BT35048
VM452102	VM452108	45	20.6	25	27	93	1	CMV4509	BT35048
VM602702	VM602708	60	26	23	27	63	1	CMV4509	BT35048
VM703102	VM703108	70	31	22	27	65	1	CMV4509	BT35048
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	BT40060
VM130542	VM130548	130	54	12.7	29.8	78	2	CMV1203030	BT40060
VM140562	VM140568	140	55.4	10.3	29.8	78	2	CMV1203030	BT40060
VM150572	VM150578	150	57	7.6	29.8	75	2	CMV1203030	BT40060
VM160602	VM160608	160	59	5.0	29.8	70	2	CMV1203030	BT40060

WPW PROFESSIONAL CUTTING TOOLS

For Machining Traditional & Advanced Materials

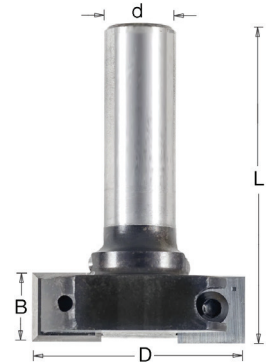
Wood, Composites, Aluminum, Plastics & more

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	BT40060



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	BT40060

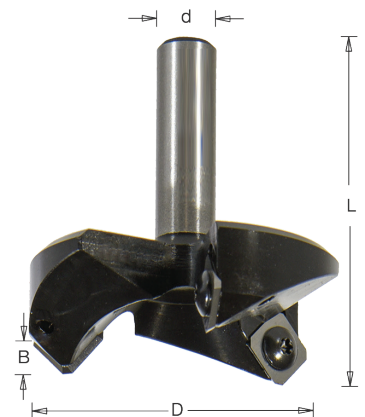


PMS

Suitable for Plunging

d=6	d=1/4"	D	B	L	Z	Blade No.	Torx Screw
PMS30383	PMS30384	38	5	50	3	CM01010CH	BT40060

d=12	d=1/2"	D	B	L	Z	Blade No.	Torx Screw
PMS30592	PMS30598	59	6.5	80	3	CM01212CHK	BT40060
PMS30632	PMS30638	63	6.5	66	3	CM01212CHK	BT40060



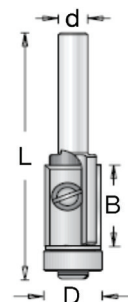
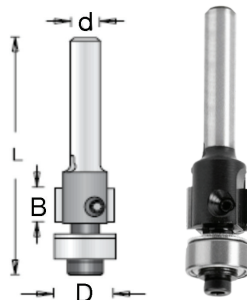
WPW INSERT E-LINE

FM

Flush Trim Bits

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

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

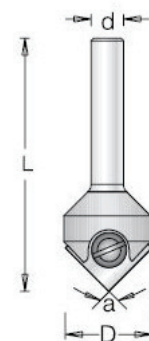


V-Groove

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

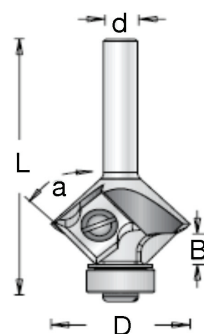
d=12	d=1/2"	a°	D	B	L	Z	Blade No.	Screw
VM90172	VM90178	90	17	8	56	1	CM01212	BR30400FS



HRWM

Rounding Over and Bevel Trimming Bits

d=6	d=1/4"	d=8	D	B	L	R/a°	Z	Blade No.
HRWM153X2	HRWM154X2	HRWM155X2	27	5.7	60	R1.5+45°	2 + 2	CMR12015x2
HRWM203X2	HRWM204X2	HRWM205X2	27	5.7	60	R2+45°	2 + 2	CMR12020x2
HRWM303X2	HRWM304X2	HRWM305X2	27	5.7	60	R3+45°	2 + 2	CMR12030x2



CMR

Additional Replacement Blades: 4 Radial Cutting Edges

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

