

DRILLS

ดอกสว่าน

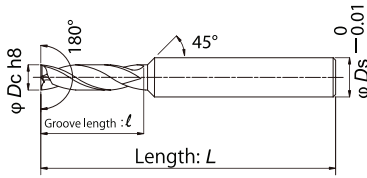
Straight Shank

ดอกสว่านแกนตรง

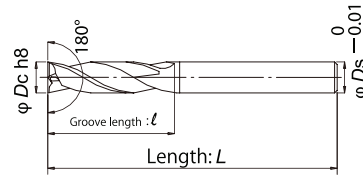


ดอกสว่าน

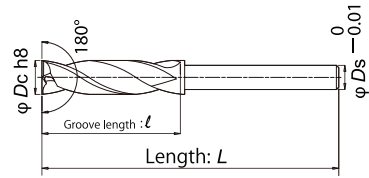
Z Plunging Borer ZPB000-TH



Type A



Type B



Type C

Carbide Drills

ดอกสว่านคาร์ไบด์

HSS Drills

ดอกสว่านไฮสปีด

Stub / Standard
ตัวสั้น / มาตรฐาน

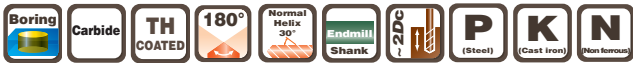
Long
ตัวยาว

Micro Drill
ดอกสว่านไมโคร

Z Plunging

Step Borer

Regular



h8	Ø2 ~ Ø3	: 0 ~ -0.014
	Ø3.1 ~ Ø6	: 0 ~ -0.018
	Ø6.1 ~ Ø10	: 0 ~ -0.022
	Ø10.1 ~ Ø16	: 0 ~ -0.027

Shank Diameter Tolerance	0 ~ -0.001
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(mm)

Order Code	Stock	Size (mm)				Type
		Dc Drill dia.	ℓ Flute length	L Overall length	Ds Shank dia.	
ZPB0200-TH	<input type="checkbox"/>	2.0	8	50	4	A
ZPB0210-TH	<input type="checkbox"/>	2.1	8	50	4	A
ZPB0220-TH	<input type="checkbox"/>	2.2	8	50	4	A
ZPB0230-TH	<input type="checkbox"/>	2.3	8	50	4	A
ZPB0240-TH	<input type="checkbox"/>	2.4	8	50	4	A
ZPB0250-TH	<input type="checkbox"/>	2.5	10	50	4	A
ZPB0260-TH	<input type="checkbox"/>	2.6	10	50	4	A
ZPB0270-TH	<input type="checkbox"/>	2.7	10	50	4	A
ZPB0280-TH	<input type="checkbox"/>	2.8	10	50	4	A
ZPB0290-TH	<input type="checkbox"/>	2.9	10	50	4	A
ZPB0300-TH	<input checked="" type="checkbox"/>	3.0	12	50	4	A
ZPB0310-TH	<input type="checkbox"/>	3.1	12	50	4	A
ZPB0320-TH	<input type="checkbox"/>	3.2	12	50	4	A
ZPB0330-TH	<input type="checkbox"/>	3.3	14	50	4	A
ZPB0340-TH	<input type="checkbox"/>	3.4	14	50	4	A
ZPB0350-TH	<input type="checkbox"/>	3.5	14	50	4	A
ZPB0360-TH	<input type="checkbox"/>	3.6	14	50	4	A
ZPB0370-TH	<input type="checkbox"/>	3.7	14	50	4	A
ZPB0380-TH	<input type="checkbox"/>	3.8	16	50	4	A
ZPB0390-TH	<input type="checkbox"/>	3.9	16	50	4	A
ZPB0400-TH	<input checked="" type="checkbox"/>	4.0	16	50	4	B
ZPB0410-TH	<input type="checkbox"/>	4.1	16	50	6	A
ZPB0420-TH	<input type="checkbox"/>	4.2	16	50	6	A
ZPB0430-TH	<input type="checkbox"/>	4.3	18	50	6	A
ZPB0440-TH	<input type="checkbox"/>	4.4	18	50	6	A
ZPB0450-TH	<input checked="" type="checkbox"/>	4.5	18	50	6	A
ZPB0460-TH	<input type="checkbox"/>	4.6	18	50	6	A
ZPB0470-TH	<input type="checkbox"/>	4.7	18	50	6	A
ZPB0480-TH	<input type="checkbox"/>	4.8	20	60	6	A
ZPB0490-TH	<input type="checkbox"/>	4.9	20	60	6	A
ZPB0500-TH	<input checked="" type="checkbox"/>	5.0	20	60	6	A
ZPB0510-TH	<input type="checkbox"/>	5.1	20	60	6	A
ZPB0520-TH	<input type="checkbox"/>	5.2	20	60	6	A
ZPB0530-TH	<input type="checkbox"/>	5.3	20	60	6	A
ZPB0540-TH	<input type="checkbox"/>	5.4	20	60	6	A
ZPB0550-TH	<input checked="" type="checkbox"/>	5.5	22	60	6	A

Order Code	Stock	Size (mm)				Type
		Dc Drill dia.	ℓ Flute length	L Overall length	Ds Shank dia.	
ZPB0560-TH	<input type="checkbox"/>	5.6	22	60	6	A
ZPB0570-TH	<input type="checkbox"/>	5.7	22	60	6	A
ZPB0580-TH	<input type="checkbox"/>	5.8	22	60	6	A
ZPB0590-TH	<input type="checkbox"/>	5.9	22	60	6	A
ZPB0600-TH	<input checked="" type="checkbox"/>	6.0	22	60	6	B
ZPB0610-TH	<input type="checkbox"/>	6.1	24	70	8	A
ZPB0620-TH	<input type="checkbox"/>	6.2	24	70	8	A
ZPB0630-TH	<input type="checkbox"/>	6.3	24	70	8	A
ZPB0640-TH	<input type="checkbox"/>	6.4	24	70	8	A
ZPB0650-TH	<input type="checkbox"/>	6.5	26	70	8	A
ZPB0660-TH	<input type="checkbox"/>	6.6	26	70	8	A
ZPB0670-TH	<input type="checkbox"/>	6.7	26	70	8	A
ZPB0680-TH	<input type="checkbox"/>	6.8	26	70	8	A
ZPB0690-TH	<input type="checkbox"/>	6.9	26	70	8	A
ZPB0700-TH	<input checked="" type="checkbox"/>	7.0	26	70	8	A
ZPB0710-TH	<input type="checkbox"/>	7.1	26	70	8	A
ZPB0720-TH	<input type="checkbox"/>	7.2	26	70	8	A
ZPB0730-TH	<input type="checkbox"/>	7.3	26	70	8	A
ZPB0740-TH	<input type="checkbox"/>	7.4	26	70	8	A
ZPB0750-TH	<input type="checkbox"/>	7.5	26	70	8	A
ZPB0760-TH	<input type="checkbox"/>	7.6	28	70	8	A
ZPB0770-TH	<input type="checkbox"/>	7.7	28	70	8	A
ZPB0780-TH	<input type="checkbox"/>	7.8	28	70	8	A
ZPB0790-TH	<input type="checkbox"/>	7.9	28	70	8	A
ZPB0800-TH	<input checked="" type="checkbox"/>	8.0	28	70	8	B
ZPB0810-TH	<input type="checkbox"/>	8.1	28	80	10	A
ZPB0820-TH	<input type="checkbox"/>	8.2	28	80	10	A
ZPB0830-TH	<input type="checkbox"/>	8.3	28	80	10	A
ZPB0840-TH	<input type="checkbox"/>	8.4	28	80	10	A
ZPB0850-TH	<input type="checkbox"/>	8.5	28	80	10	A
ZPB0860-TH	<input type="checkbox"/>	8.6	28	80	10	A
ZPB0870-TH	<input type="checkbox"/>	8.7	28	80	10	A
ZPB0880-TH	<input type="checkbox"/>	8.8	28	80	10	A
ZPB0890-TH	<input type="checkbox"/>	8.9	28	80	10	A
ZPB0900-TH	<input checked="" type="checkbox"/>	9.0	28	80	10	A
ZPB0910-TH	<input type="checkbox"/>	9.1	30	80	10	A

● : Stocked Items. □ : Stocked by specified distributor. Contact with our sales department.



Order Code	Stock	Size (mm)				Type
		Dc Drill dia.	ℓ Flute length	L Overall length	Ds Shank dia.	
ZPB0920-TH	<input type="checkbox"/>	9.2	30	80	10	A
ZPB0930-TH	<input type="checkbox"/>	9.3	30	80	10	A
ZPB0940-TH	<input type="checkbox"/>	9.4	30	80	10	A
ZPB0950-TH	<input checked="" type="checkbox"/>	9.5	30	80	10	A
ZPB0960-TH	<input type="checkbox"/>	9.6	32	80	10	A
ZPB0970-TH	<input type="checkbox"/>	9.7	32	80	10	A
ZPB0980-TH	<input type="checkbox"/>	9.8	32	80	10	A
ZPB0990-TH	<input type="checkbox"/>	9.9	32	80	10	A
ZPB1000-TH	<input checked="" type="checkbox"/>	10.0	32	80	10	B
ZPB1010-TH	<input type="checkbox"/>	10.1	33	90	12	A
ZPB1020-TH	<input type="checkbox"/>	10.2	33	90	12	A
ZPB1030-TH	<input type="checkbox"/>	10.3	33	90	12	A
ZPB1040-TH	<input type="checkbox"/>	10.4	33	90	12	A
ZPB1050-TH	<input type="checkbox"/>	10.5	33	90	12	A
ZPB1060-TH	<input type="checkbox"/>	10.6	33	90	12	A
ZPB1070-TH	<input type="checkbox"/>	10.7	33	90	12	A
ZPB1080-TH	<input type="checkbox"/>	10.8	33	90	12	A
ZPB1090-TH	<input type="checkbox"/>	10.9	33	90	12	A
ZPB1100-TH	<input checked="" type="checkbox"/>	11.0	33	90	12	A

Order Code	Stock	Size (mm)				Type
		Dc Drill dia.	ℓ Flute length	L Overall length	Ds Shank dia.	
ZPB1110-TH	<input type="checkbox"/>	11.1	34	90	12	A
ZPB1120-TH	<input type="checkbox"/>	11.2	34	90	12	A
ZPB1130-TH	<input type="checkbox"/>	11.3	34	90	12	A
ZPB1140-TH	<input type="checkbox"/>	11.4	34	90	12	A
ZPB1150-TH	<input type="checkbox"/>	11.5	34	90	12	A
ZPB1160-TH	<input type="checkbox"/>	11.6	38	90	12	A
ZPB1170-TH	<input type="checkbox"/>	11.7	38	90	12	A
ZPB1180-TH	<input type="checkbox"/>	11.8	38	90	12	A
ZPB1190-TH	<input type="checkbox"/>	11.9	38	90	12	A
ZPB1200-TH	<input checked="" type="checkbox"/>	12.0	38	90	12	B
ZPB1250-TH	<input type="checkbox"/>	12.5	40	100	12	C
ZPB1300-TH	<input type="checkbox"/>	13.0	40	100	12	C
ZPB1350-TH	<input type="checkbox"/>	13.5	40	100	12	C
ZPB1400-TH	<input type="checkbox"/>	14.0	40	100	12	C
ZPB1450-TH	<input type="checkbox"/>	14.5	40	105	12	C
ZPB1500-TH	<input type="checkbox"/>	15.0	40	105	12	C
ZPB1550-TH	<input type="checkbox"/>	15.5	42	110	12	C
ZPB1600-TH	<input type="checkbox"/>	16.0	42	110	16	B

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Carbide Drills

ดอกสว่านคาร์ไบด์

HSS Drills

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Stub / Standard
ตัวสั้น / มาตรฐาน

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ตัวยาว

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