



ZPB-TH

Z Plunging Borer Shank

開発技術の
日立ツール



● Tool material : Carbide ● Surface treatment : TH(TiSIN) ● Tip Angle : 180°

・ Tip angle of 180° (flat) enables plunge boring of not only flat surfaces

Code	Product Name	Dia.	Flute length	Overall length	Shank	Stock	Code	Product Name	Dia.	Flute length	Overall length	Shank	Stock
HT22409	ZPB0200-TH	2	8	50	4	□	HT21838	ZPB0750-TH	7.5	26	70	8	□
HT22410	ZPB0210-TH	2.1	8	50	4	□	HT22451	ZPB0760-TH	7.6	28	70	8	□
HT22411	ZPB0220-TH	2.2	8	50	4	□	HT22452	ZPB0770-TH	7.7	28	70	8	□
HT22412	ZPB0230-TH	2.3	8	50	4	□	HT22453	ZPB0780-TH	7.8	28	70	8	□
HT22413	ZPB0240-TH	2.4	8	50	4	□	HT22454	ZPB0790-TH	7.9	28	70	8	□
HT22414	ZPB0250-TH	2.5	10	50	4	□	HT21839	ZPB0800-TH	8	28	70	8	●
HT22415	ZPB0260-TH	2.6	10	50	4	□	HT22455	ZPB0810-TH	8.1	28	80	10	□
HT22416	ZPB0270-TH	2.7	10	50	4	□	HT22456	ZPB0820-TH	8.2	28	80	10	□
HT22417	ZPB0280-TH	2.8	10	50	4	□	HT22457	ZPB0830-TH	8.3	28	80	10	□
HT22418	ZPB0290-TH	2.9	10	50	4	□	HT22458	ZPB0840-TH	8.4	28	80	10	□
HT21825	ZPB0300-TH	3	12	50	4	●	HT21840	ZPB0850-TH	8.5	28	80	10	□
HT22419	ZPB0310-TH	3.1	12	50	4	□	HT22459	ZPB0860-TH	8.6	28	80	10	□
HT22420	ZPB0320-TH	3.2	12	50	4	□	HT22460	ZPB0870-TH	8.7	28	80	10	□
HT21826	ZPB0330-TH	3.3	14	50	4	□	HT21841	ZPB0880-TH	8.8	28	80	10	□
HT22421	ZPB0340-TH	3.4	14	50	4	□	HT22461	ZPB0890-TH	8.9	28	80	10	□
HT21827	ZPB0350-TH	3.5	14	50	4	□	HT21842	ZPB0900-TH	9	28	80	10	●
HT22422	ZPB0360-TH	3.6	14	50	4	□	HT22462	ZPB0910-TH	9.1	30	80	10	□
HT22423	ZPB0370-TH	3.7	14	50	4	□	HT22463	ZPB0920-TH	9.2	30	80	10	□
HT22424	ZPB0380-TH	3.8	16	50	4	□	HT22464	ZPB0930-TH	9.3	30	80	10	□
HT22425	ZPB0390-TH	3.9	16	50	4	□	HT22465	ZPB0940-TH	9.4	30	80	10	□
HT21828	ZPB0400-TH	4	16	50	4	●	HT21843	ZPB0950-TH	9.5	29	80	10	●
HT22426	ZPB0410-TH	4.1	16	60	6	□	HT22466	ZPB0960-TH	9.6	32	80	10	□
HT21829	ZPB0420-TH	4.2	16	60	6	□	HT22467	ZPB0970-TH	9.7	32	80	10	□
HT22427	ZPB0430-TH	4.3	18	60	6	□	HT22468	ZPB0980-TH	9.8	32	80	10	□
HT22428	ZPB0440-TH	4.4	18	60	6	□	HT22469	ZPB0990-TH	9.9	32	80	10	□
HT21830	ZPB0450-TH	4.5	18	60	6	●	HT21844	ZPB1000-TH	10	32	80	10	●
HT22429	ZPB0460-TH	4.6	18	60	6	□	HT22470	ZPB1010-TH	10.1	33	90	12	□
HT22430	ZPB0470-TH	4.7	18	60	6	□	HT22471	ZPB1020-TH	10.2	33	90	12	□
HT22431	ZPB0480-TH	4.8	20	60	6	□	HT21845	ZPB1030-TH	10.3	33	90	12	□
HT22432	ZPB0490-TH	4.9	20	60	6	□	HT22472	ZPB1040-TH	10.4	33	90	12	□
HT21831	ZPB0500-TH	5	20	60	6	●	HT21846	ZPB1050-TH	10.5	33	90	12	□
HT22433	ZPB0510-TH	5.1	20	60	6	□	HT22473	ZPB1060-TH	10.6	33	90	12	□
HT22434	ZPB0520-TH	5.2	20	60	6	□	HT22474	ZPB1070-TH	10.7	33	90	12	□
HT21832	ZPB0530-TH	5.3	20	60	6	□	HT21847	ZPB1080-TH	10.8	33	90	12	□
HT22435	ZPB0540-TH	5.4	20	60	6	□	HT22475	ZPB1090-TH	10.9	33	90	12	□
HT21833	ZPB0550-TH	5.5	22	60	6	●	HT21848	ZPB1100-TH	11	33	90	12	●
HT22436	ZPB0560-TH	5.6	22	60	6	□	HT22476	ZPB1110-TH	11.1	34	90	12	□
HT22437	ZPB0570-TH	5.7	22	60	6	□	HT22477	ZPB1120-TH	11.2	34	90	12	□
HT22438	ZPB0580-TH	5.8	22	60	6	□	HT22478	ZPB1130-TH	11.3	34	90	12	□
HT22439	ZPB0590-TH	5.9	22	60	6	□	HT22479	ZPB1140-TH	11.4	34	90	12	□
HT21834	ZPB0600-TH	6	22	60	6	●	HT21849	ZPB1150-TH	11.5	34	90	12	□
HT22440	ZPB0610-TH	6.1	24	70	8	□	HT22480	ZPB1160-TH	11.6	38	90	12	□
HT22441	ZPB0620-TH	6.2	24	70	8	□	HT22481	ZPB1170-TH	11.7	38	90	12	□
HT22442	ZPB0630-TH	6.3	24	70	8	□	HT22482	ZPB1180-TH	11.8	38	90	12	□
HT22443	ZPB0640-TH	6.4	24	70	8	□	HT22483	ZPB1190-TH	11.9	38	90	12	□
HT21835	ZPB0650-TH	6.5	26	70	8	□	HT21850	ZPB1200-TH	12	38	90	12	●
HT22444	ZPB0660-TH	6.6	26	70	8	□	HT22484	ZPB1250-TH	12.5	40	100	12	□
HT22445	ZPB0670-TH	6.7	26	70	8	□	HT22485	ZPB1300-TH	13	40	100	12	□
HT21836	ZPB0680-TH	6.8	26	70	8	□	HT22486	ZPB1350-TH	13.5	40	100	12	□
HT22446	ZPB0690-TH	6.9	26	70	8	□	HT22487	ZPB1400-TH	14	40	100	12	□
HT21837	ZPB0700-TH	7	26	70	8	●	HT22488	ZPB1450-TH	14.5	40	105	12	□
HT22447	ZPB0710-TH	7.1	26	70	8	□	HT22489	ZPB1500-TH	15	40	105	12	□
HT22448	ZPB0720-TH	7.2	26	70	8	□	HT22490	ZPB1550-TH	15.5	42	110	12	□
HT22449	ZPB0730-TH	7.3	26	70	8	□	HT22491	ZPB1600-TH	16	42	110	16	□
HT22450	ZPB0740-TH	7.4	26	70	8	□							

● Standard product □ Distributor product

Mild steels	Carbon steels	Alloy steels	Hardened steels	Tool steels	Hardened steels		Stainless steels	Heat resistant steels, Ti Alloy	Cast iron	Ductile castiron	Aluminium alloy
SS	S○○C	SCM・SCr	SKD・SKS	~40HRC	~45HRC	45HRC~	SUS	Inconel	FC	FCD	Al
○	◎	◎	◎	○	○				○		○

ZPBL5-TH

Z Plunging Borer -Long Shank



開発技術の
日立ツール



- Tool material : Carbide
- Surface treatment : TH(TiSiN)
- Tip Angle : 180°

・ Tip angle of 180° (flat) enables plunge boring of not only flat surfaces

Code	Product Name	Dia.	Flute length	Overall length	Shank	Stock	Code	Product Name	Dia.	Flute length	Overall length	Shank	Stock
HT23100	ZPBL50200-TH	2	8	80	4	□	HT23155	ZPBL50750-TH	7.5	26	120	6	□
HT23101	ZPBL50210-TH	2.1	8	80	4	□	HT23156	ZPBL50760-TH	7.6	28	120	6	□
HT23102	ZPBL50220-TH	2.2	8	80	4	□	HT23157	ZPBL50770-TH	7.7	28	120	6	□
HT23103	ZPBL50230-TH	2.3	8	80	4	□	HT23158	ZPBL50780-TH	7.8	28	120	6	□
HT23104	ZPBL50240-TH	2.4	8	80	4	□	HT23159	ZPBL50790-TH	7.9	28	120	6	□
HT23105	ZPBL50250-TH	2.5	10	80	4	□	HT23160	ZPBL50800-TH	8	28	130	8	□
HT23106	ZPBL50260-TH	2.6	10	80	4	□	HT23161	ZPBL50810-TH	8.1	28	130	8	□
HT23107	ZPBL50270-TH	2.7	10	80	4	□	HT23162	ZPBL50820-TH	8.2	28	130	8	□
HT23108	ZPBL50280-TH	2.8	10	80	4	□	HT23163	ZPBL50830-TH	8.3	28	130	8	□
HT23109	ZPBL50290-TH	2.9	10	80	4	□	HT23164	ZPBL50840-TH	8.4	28	130	8	□
HT23110	ZPBL50300-TH	3	12	100	6	□	HT23165	ZPBL50850-TH	8.5	28	130	8	□
HT23111	ZPBL50310-TH	3.1	12	100	6	□	HT23166	ZPBL50860-TH	8.6	28	130	8	□
HT23112	ZPBL50320-TH	3.2	12	100	6	□	HT23167	ZPBL50870-TH	8.7	28	130	8	□
HT23113	ZPBL50330-TH	3.3	14	100	6	□	HT23168	ZPBL50880-TH	8.8	28	130	8	□
HT23114	ZPBL50340-TH	3.4	14	100	6	□	HT23169	ZPBL50890-TH	8.9	28	130	8	□
HT23115	ZPBL50350-TH	3.5	14	100	6	□	HT23170	ZPBL50900-TH	9	28	130	8	□
HT23116	ZPBL50360-TH	3.6	14	100	6	□	HT23171	ZPBL50910-TH	9.1	30	130	8	□
HT23117	ZPBL50370-TH	3.7	14	100	6	□	HT23172	ZPBL50920-TH	9.2	30	130	8	□
HT23118	ZPBL50380-TH	3.8	16	100	6	□	HT23173	ZPBL50930-TH	9.3	30	130	8	□
HT23119	ZPBL50390-TH	3.9	16	100	6	□	HT23174	ZPBL50940-TH	9.4	30	130	8	□
HT23120	ZPBL50400-TH	4	16	100	6	□	HT23175	ZPBL50950-TH	9.5	30	130	8	□
HT23121	ZPBL50410-TH	4.1	16	100	6	□	HT23176	ZPBL50960-TH	9.6	32	130	8	□
HT23122	ZPBL50420-TH	4.2	16	100	6	□	HT23177	ZPBL50970-TH	9.7	32	130	8	□
HT23123	ZPBL50430-TH	4.3	18	100	6	□	HT23178	ZPBL50980-TH	9.8	32	130	8	□
HT23124	ZPBL50440-TH	4.4	18	100	6	□	HT23179	ZPBL50990-TH	9.9	32	130	8	□
HT23125	ZPBL50450-TH	4.5	18	100	6	□	HT23180	ZPBL51000-TH	10	32	150	10	□
HT23126	ZPBL50460-TH	4.6	18	100	6	□	HT23181	ZPBL51010-TH	10.1	33	150	10	□
HT23127	ZPBL50470-TH	4.7	18	100	6	□	HT23182	ZPBL51020-TH	10.2	33	150	10	□
HT23128	ZPBL50480-TH	4.8	20	110	6	□	HT23183	ZPBL51030-TH	10.3	33	150	10	□
HT23129	ZPBL50490-TH	4.9	20	110	6	□	HT23184	ZPBL51040-TH	10.4	33	150	10	□
HT23130	ZPBL50500-TH	5	20	110	6	□	HT23185	ZPBL51050-TH	10.5	33	150	10	□
HT23131	ZPBL50510-TH	5.1	20	110	6	□	HT23186	ZPBL51060-TH	10.6	33	150	10	□
HT23132	ZPBL50520-TH	5.2	20	110	6	□	HT23187	ZPBL51070-TH	10.7	33	150	10	□
HT23133	ZPBL50530-TH	5.3	20	110	6	□	HT23188	ZPBL51080-TH	10.8	33	150	10	□
HT23134	ZPBL50540-TH	5.4	20	110	6	□	HT23189	ZPBL51090-TH	10.9	33	150	10	□
HT23135	ZPBL50550-TH	5.5	22	110	6	□	HT23190	ZPBL51100-TH	11	33	150	10	□
HT23136	ZPBL50560-TH	5.6	22	110	6	□	HT23191	ZPBL51110-TH	11.1	34	150	10	□
HT23137	ZPBL50570-TH	5.7	22	110	6	□	HT23192	ZPBL51120-TH	11.2	34	150	10	□
HT23138	ZPBL50580-TH	5.8	22	110	6	□	HT23193	ZPBL51130-TH	11.3	34	150	10	□
HT23139	ZPBL50590-TH	5.9	22	110	6	□	HT23194	ZPBL51140-TH	11.4	34	150	10	□
HT23140	ZPBL50600-TH	6	22	120	6	□	HT23195	ZPBL51150-TH	11.5	34	150	10	□
HT23141	ZPBL50610-TH	6.1	24	120	6	□	HT23196	ZPBL51160-TH	11.6	38	150	10	□
HT23142	ZPBL50620-TH	6.2	24	120	6	□	HT23197	ZPBL51170-TH	11.7	38	150	10	□
HT23143	ZPBL50630-TH	6.3	24	120	6	□	HT23198	ZPBL51180-TH	11.8	38	150	10	□
HT23144	ZPBL50640-TH	6.4	24	120	6	□	HT23199	ZPBL51190-TH	11.9	38	150	10	□
HT23145	ZPBL50650-TH	6.5	26	120	6	□	HT23200	ZPBL51200-TH	12	38	150	12	□
HT23146	ZPBL50660-TH	6.6	26	120	6	□	HT23201	ZPBL51250-TH	12.5	40	150	12	□
HT23147	ZPBL50670-TH	6.7	26	120	6	□	HT23202	ZPBL51300-TH	13	40	150	12	□
HT23148	ZPBL50680-TH	6.8	26	120	6	□	HT23203	ZPBL51350-TH	13.5	40	150	12	□
HT23149	ZPBL50690-TH	6.9	26	120	6	□	HT23204	ZPBL51400-TH	14	40	150	12	□
HT23150	ZPBL50700-TH	7	26	120	6	□	HT23205	ZPBL51450-TH	14.5	40	150	12	□
HT23151	ZPBL50710-TH	7.1	26	120	6	□	HT23206	ZPBL51500-TH	15	40	150	12	□
HT23152	ZPBL50720-TH	7.2	26	120	6	□	HT23207	ZPBL51550-TH	15.5	42	150	12	□
HT23153	ZPBL50730-TH	7.3	26	120	6	□	HT23208	ZPBL51600-TH	16	42	150	16	□
HT23154	ZPBL50740-TH	7.4	26	120	6	□							

- Standard product
- Distributor product

Mild steels	Carbon steels	Alloy steels	Hardened steels	Tool steels	Hardened steels		Stainless steels	Heat resistant steels, Ti Alloy	Cast iron	Ductile castiron	Aluminium alloy
SS	S○○C	SCM・SCr	SKD・SKS	~40HRC	~45HRC	45HRC~	SUS	Inconel	FC	FCD	Al
○	◎	◎	◎	○	○				○		○