

BORING

Annular Cutters

JETBROACH CUTTERS & HI-BROACH CUTTERS

BROACH CUTTERS are far better than twist drills

- No dead point
- Peripheral cutting
- Dramatically reduce cutting resistance
- Available diameter size: 12 - 100 mm

Test Drilling is very often the only way to determine the machinability of difficult materials.
Use a small size cutter wherever possible in order to minimize trial costs.



Specifications

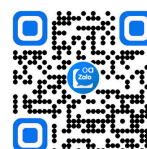
Specifications		HI-BROACH One-touch Type/25L	HI-BROACH One-touch Type/50L	JETBROACH One-touch Type/25,35,50L	JETBROACH One-touch Type/50L(W)	JETBROACH One-touch Type/75L	JETBROACH Side lock Type/75L
Hole Capacity mm	Hole Diameter	25L: 12 - 52 dia.	-	25L: 12 - 17 dia. 35L: 17.5 - 40 dia.	-	-	-
		-	50L: 12 - 52 dia.	50L: 12 - 65 dia.	50L(W): 18, 22, 24 - 26.5, 28, 32, and 35 dia.	-	-
		-	-	-	-	75L: 17.5 - 55 dia.	75L: 50 - 100 dia.
		-	-	-	-	-	-
	Plate Thickness	25L: 25	-	25L: 25 35L: 35	-	-	-
		-	50L: 50	50L: 50	50L(W): 50	-	-
		-	-	-	-	75L: 75	75L: 75
		-	-	-	-	-	-
Feed Speed mm/rev		0.02 - 0.1					
Circumferential Speed m/min		15 - 35 (mild steel)		35 - 50 (mild steel)			

HI-BROACH One-touch Type		ARA-100A	WA-3500	WA-5000	AO-5575A	QA-4000	QA-6500	Pilot Pin
Depth	mm dia.	PN						
25 mm	12	TK00698						06025
	13	TK00699						
	14	TK00700						
	15	TK00701						
	16	TK00702						
	17	TK00703						
	17.5	TK01391						
	18	TK01392						
	19	TK01393						
	19.5	TK01394						
	20	TK01395						
	21	TK01396						
	21.5	TK01397						
	22	TK01398						
	22.5	TK01399						
	23	TK01400						
	23.5	TK01401						08025
	24	TK01402						
	24.5	TK01403						
	25	TK01404						
	26	TK01405						
	27	TK01407						
	28	TK01408						
	29	TK01409						
	30	TK01410						
	31	TK01411						
	32	TK01412						
	33	TK01413						
	34	TK01414						
	35	TK01415						
	36	TK01416						
	37	TK01417						
	38	TK01418						
	39	TK01419						
	40	TK01420						
	41	TK01421						
	42	TK01422						
	43	TK01423						
	44	TK01424						
	45	TK01425						
	46	TK01426						
	47	TK01427						
	48	TK01428						
	49	TK01429						
	50	TK01430						
	51	TK01431						
	52	TK01432						

HI-BROACH One-touch Type		ARA-100A	WA-5000	AO-5575A	Pilot Pin
Depth	mm dia.	PN			
50 mm	12	TK00721			06050
	13	TK00722			
	14	TK00723			
	15	TK00724			
	16	TK00725			
	17	TK00726			
	18	TK00727			
	19	TK00728			
	20	TK00729			
	21	TK00730			
	22	TK00731			
	23	TK00732			
	24	TK00733			
	25	TK00734			
	26	TK00735			
	27	TK00736			
	28	TK00737			08050
	29	TK00738			
	30	TK00739			
	31	TK00740			
	32	TK00741			
	33	TK00742			
	34	TK00743			
	35	TK00744			
	36	TK00745			
	37	TK00746			
	38	TK00747			
	39	TK00748			
	40	TK00749			
	41	TK00750			
	42	TK00751			
	43	TK00752			
	44	TK00753			
	45	TK00754			
	46	TK00755			
	47	TK00756			
	48	TK00757			
	49	TK00758			
	50	TK00759			
	51	TK00760			
	52	TK00761			

JETBROACH One-touch Type		ARA-100A	LO-3550	WA-3500	WA-5000	WOJ-3200	AO-5575A	QA-4000	QA-6500	Pilot Pin
Depth	mm dia.	PN								
25 mm	12	TK01148								06025
	13	TK01149								
	14	TK01150								
	15	TK01151								
	16	TK01152								
	17	TK01153								
	17.5	TK01249								
	18	TK01250								
35 mm	18.5	TK01251								08035
	19	TK01252								
	19.5	TK01253								
	20	TK01254								
	20.5	TK01255								
	21	TK01256								
	21.5	TK01257								
	22	TK01258								
	22.5	TK01259								
	23	TK01260								
	23.5	TK01261								
	24	TK01262								
	24.5	TK01263								
	25	TK01264								
	25.5	TK01265								
	26	TK01266								
	26.5	TK01267								
	27	TK01268								
	28	TK01269								
	29	TK01270								
	30	TK01271								
	31	TK01272								
	32	TK01273								
	33	TK01274								
	34	TK01275								
	35	TK01276								
	36	TK01277								
	37	TK01278								
	38	TK01279								
	39	TK01280								
	40	TK01281								

Sales Unit: 1 Piece



Tài liệu được tổng hợp bởi đội ngũ kỹ thuật của **NPOWER** Bản quyền nội dung thuộc về **NITTO KOHKI**

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JETBROACH One-touch Type		ARA-100A	LO-3550	WA-3500	WA-5000	WOJ-3200	AO-5575A	QA-6500	Pilot Pin
Depth	mm dia.	PN							
12	TK01154		•						
13	TK01155		•						
14	TK01156		•						
15	TK01157		•						
16	TK01158		•						
17	TK01159		•						
17.5	TK01282	•							
18	TK01283	•							
19	TK01284	•							
19.5	TK01285	•							
20	TK01286	•							
20.5	TK01287	•							
21	TK01288	•							
21.5	TK01289	•							
22	TK01290	•							
22.5	TK01291	•							
23	TK01292	•							
23.5	TK01293	•							
24	TK01294	•							
24.5	TK01295	•							
25	TK01296	•							
25.5	TK01297	•							
26	TK01298	•							
26.5	TK01299	•							
27	TK01300	•							
28	TK01301	•							
29	TK01302	•							
30	TK01303	•							
31	TK01304	•							
32	TK01305	•							
33	TK01306	•							
34	TK01307	•							
35	TK01308	•							
36	TK01309	•							
37	TK01310	•							
38	TK01311	•							
39	TK01312	•							
40	TK01313	•							
41	TK01314	•							
42	TK01315	•							
43	TK01316	•							
44	TK01317	•							
45	TK01318	•							
46	TK01319	•							
47	TK01320	•							
48	TK01321	•							
49	TK01322	•							
50	TK01323	•							
51	TK01324	•							
52	TK01325	•							
53	TK01326	•							
54	TK01327	•							
55	TK01328	•							
56	TK01329	•							
57	TK01330	•							
58	TK01331	•							
59	TK01332	•							
60	TK01333	•							
61	TK01334	•							
62	TK01335	•							
63	TK01336	•							
64	TK01337	•							
65	TK01338	•							

JETBROACH One-touch Type 50L(W) for stacked plates		ARA-100A	LO-3550	WOJ-3200	AO-5575A	Pilot Pin
Depth	mm dia.	PN				
18	TK01068	•	•	•	•	
22	TK00622	•	•	•	•	
24	TK00623	•	•	•	•	
24.5	TK00631	•	•	•	•	
25	TK00624	•	•	•	•	
26	TK00625	•	•	•	•	
26.5	TK00632	•	•	•	•	
28	TK00626	•	•	•	•	
32	TK00627	•	•	•	•	
35	TK00628	•	•	•	•	

JETBROACH One-touch Type		ARA-100A	WA-5000	AO-5575A	Pilot Pin
Depth	mm dia.	PN			
17.5	TK01350	•	•	•	
18	TK01351	•	•	•	
19	TK01352	•	•	•	
20	TK01353	•	•	•	
21	TK01354	•	•	•	
22	TK01355	•	•	•	
23	TK01356	•	•	•	
24	TK01357	•	•	•	
24.5	TK01358	•	•	•	
25	TK01359	•	•	•	
26	TK01360	•	•	•	
26.5	TK01361	•	•	•	
27	TK01362	•	•	•	
28	TK01363	•	•	•	
29	TK01364	•	•	•	
30	TK01365	•	•	•	
31	TK01366	•	•	•	
32	TK01367	•	•	•	
33	TK01368	•	•	•	
34	TK01369	•	•	•	
35	TK01370	•	•	•	
36	TK01371	•	•	•	
37	TK01372	•	•	•	
38	TK01373	•	•	•	
39	TK01374	•	•	•	
40	TK01375	•	•	•	
41	TK01376	•	•	•	
42	TK01377	•	•	•	
43	TK01378	•	•	•	
44	TK01379	•	•	•	
45	TK01380	•	•	•	
46	TK01381	•	•	•	
47	TK01382	•	•	•	
48	TK01383	•	•	•	
49	TK01384	•	•	•	
50	TK01385	•	•	•	
51	TK01386	•	•	•	
52	TK01387	•	•	•	
53	TK01388	•	•	•	
54	TK01389	•	•	•	
55	TK01390	•	•	•	

JETBROACH Side-lock Type		ARA-100A	Pilot Pin
Depth	mm dia.	PN	
50	TK01433	•	
51	TK01434	•	
52	TK01435	•	
53	TK01436	•	
54	TK01437	•	
55	TK01438	•	
56	TK01439	•	
57	TK01440	•	
58	TK01441	•	
59	TK01442	•	
60	TK01443	•	
61	TK01444	•	
62	TK01445	•	
63	TK01446	•	
64	TK01447	•	
65	TK01448	•	
66	TK01449	•	
67	TK01450	•	
68	TK01451	•	
69	TK01452	•	
70	TK01453	•	
71	TK01454	•	
72	TK01455	•	
73	TK01456	•	
74	TK01457	•	
75	TK01458	•	
76	TK01459	•	
77	TK01460	•	
78	TK01461	•	
79	TK01462	•	
80	TK01463	•	
81	TK01464	•	
82	TK01465	•	
83	TK01466	•	
84	TK01467	•	
85	TK01468	•	
86	TK01469	•	
87	TK01470	•	
88	TK01471	•	
89	TK01472	•	
90	TK01473	•	
91	TK01474	•	
92	TK01475	•	
93	TK01476	•	
94	TK01477	•	
95	TK01478	•	
96	TK01479	•	
97	TK01480	•	
98	TK01481	•	
99	TK01482	•	
100	TK01483	•	

Pilot Pin		PN : TK01167
06025		81 mm
08025		76 mm
06050		112 mm
08050		112 mm
08035		91 mm
08075		133 mm
12075		192 mm

Sales Unit: 1 Piece



BROACH HOLDERS

Industrial cutters for faster and better finished holes

- The Spring-loaded pilot pin picks up the hole location quickly, and ejects the slug automatically at the end of cut
- Available with No. 2 to 4 Morse taper shanks
- Oil Cup Complete Ass'y (PN TB00350) is available as an optional attachment which provides continuous and adjustable cutting oil flow to the cutting area



Specifications		M.T.No.2								M.T.No.3				M.T.No.4	
Morse Taper No.		BHM-02035								BHM-03050				BHM-13075	
Model		TB00390								TB00392				TB00352	
PN															
Cutter		HBO-25L		JBO-35L		HBO-25L		HBO-50L		JBO-35L		JBO-50L		JBO-50L(W)	
Cutter Diameter		12 - 17 dia.	17.5 - 35 dia.	17.5 - 40 dia.		12 - 17 dia.	17.5 - 52 dia.	12 - 18 dia.	19 - 52 dia.	17.5 - 40 dia.	17.5 - 65 dia.	18 - 35 dia.		50 - 100 dia.	
Pilot Pin		06025	08025	08035		06025	08025	06050	08050	08035		08050		12075	
		Optional		Included		Optional		Included		Optional		Optional		Included	

HBO: HI-BROACH One-touch Type

JBO: JETBROACH One-touch Type

JBS: JETBROACH Side-lock Type



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