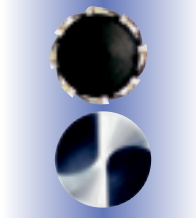


# JETBROACH CUTTERS & HI-BROACH CUTTERS

**BROACH CUTTERS are far better than twist drills:**

- No dead point
- Peripheral cutting
- Blade cutting resistance reduced by 50 %
- Available diameter size: 12 - 100 mm



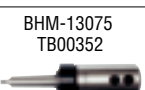

Test Drilling is very often the only way to determine the machinability of difficult materials. Use a small size cutter wherever possible in order to minimize trial costs.



## 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 - 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

Morse Taper No.	Model	Cutter	Cutter Diameter	Pilot Pin	Accessory
M.T.No.2	 163 mm	HBO-25L	12 - 17 dia.	06025 (PN TK01167)	Optional
			17.5 - 35 dia.	08025 (PN TJ12696)	
M.T.No.3	 182 mm	HBO-25L	12 - 17 dia.	06025 (PN TK01167)	Optional
			17.5 - 52 dia.	08025 (PN TJ12696)	
		HBO-50L	12 - 18 dia.	06050 (PN TK01166)	Optional
			19 - 52 dia.	0850 (PN TK00802) 08050 (PN TJ16019)	
		JBO-35L	17.5 - 40 dia.	08035 (PN TJ15859)	Standard
		JBO-50L	17.5 - 65 dia.	08050 (PN TJ16019)	Optional
JBO-50L(W)	18 - 35 dia.				
M.T.No.4	 248 mm	JBS-75L	50 - 100 dia.	12075 (PN TA9A207)	Standard
			 232 mm		

HI-BROACH One-touch Type			AO-5575	WA-3500	WA-5000	QA-4000	QA-6500
mm dia.	Depth	PN					
12	25 mm	TK00698	●				
13		TK00699	●				
14		TK00700	●	●			
15		TK00701	●	●	●		
16		TK00702	●	●	●	●	
17		TK00703	●	●	●	●	
17.5		TK00335	●	●	●	●	
18		TK00336	●	●	●	●	●
19		TK00337	●	●	●		●
19.5		TK00338	●	●	●		●
20		TK00339	●	●	●	●	●
21		TK00340	●	●	●		●
21.5		TK00341	●	●	●	●	●
22		TK00342	●	●	●		●
22.5		TK00343	●	●	●	●	●
23		TK00344	●	●	●		●
23.5		TK00345	●	●	●	●	●
24		TK00346	●	●	●		●
24.5		TK00347	●	●	●	●	●
25		TK00348	●	●	●		●
26		TK00349	●	●	●	●	●
27		TK00351	●	●	●		●
28		TK00352	●	●	●	●	●
29		TK00353	●	●	●		●
30		TK00354	●	●	●	●	●
31	TK00355	●	●	●		●	
32	TK00356	●	●	●	●	●	
33	TK00357	●	●	●		●	
34	TK00359	●	●	●	●	●	
35	TK00361	●	●	●		●	
36	TK00704	●	●	●		●	
37	TK00705	●	●	●		●	
38	TK00706	●	●	●		●	
39	TK00707	●	●	●		●	
40	TK00708	●	●	●		●	
41	TK00709	●	●	●		●	
42	TK00710	●	●	●		●	
43	TK00711	●	●	●		●	
44	TK00712	●	●	●		●	
45	TK00713	●	●	●		●	
46	TK00714	●	●	●		●	
47	TK00715	●	●	●		●	
48	TK00716	●	●	●		●	
49	TK00717	●	●	●		●	
50	TK00718	●	●	●		●	
51	TK00719	●	●	●		●	
52	TK00720	●	●	●		●	

HI-BROACH One-touch Type			AO-5575	WA-5000
mm dia.	Depth	PN		
12	50 mm	TK00721	●	
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	●	●
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	●	●	

		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-cutting Capacity	Hole Diameter mm	25L : 12 - 52 dia.	—	25L : 12 - 17 dia. 35L : 17.5 - 40 dia.	—	—	—
	Plate Thickness mm	—	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.
		25L : 25	—	25L : 25	—	—	—
		—	—	50L : 50	50L(W) : 50	—	—
Feed Speed	mm/rev	0.02 - 0.1					
Circumferential Speed	m/min	15 - 35 (mild steel)			35 - 50 (mild steel)		