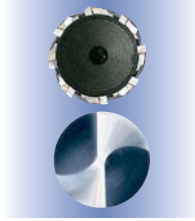


JETBROACH CUTTERS & HI-BROACH CUTTERS

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.	08050 (PN TJ16019)	Optional		
M.T.No.4	 248 mm	JBS-75L	50 - 100 dia.	12075 (PN TA9A207)	Standard

HI-BROACH One-touch Type		WO-3200	AO-5575	IWA-3500	IWA-5000	OA-4000	OA-6500	HI-BROACH One-touch Type		WO-3200	AO-5575	IWA-5000
mm dia.	Depth	PN						mm dia.	Depth	PN		
12	25 mm	TK00698	•	•				12		TK00721	•	•
13		TK00699	•	•				13		TK00722	•	•
14		TK00700	•	•	•	•		14		TK00723	•	•
15		TK00701	•	•	•	•		15		TK00724	•	•
16		TK00702	•	•	•	•		16		TK00725	•	•
17		TK00703	•	•	•	•		17		TK00726	•	•
17.5		TK00335	•	•	•	•		18		TK00727	•	•
18		TK00336	•	•	•	•		19		TK00728	•	•
19		TK00337	•	•	•	•		20		TK00729	•	•
19.5		TK00338	•	•	•	•		21		TK00730	•	•
20		TK00339	•	•	•	•		22		TK00731	•	•
21		TK00340	•	•	•	•		23		TK00732	•	•
21.5		TK00341	•	•	•	•		24		TK00733	•	•
22		TK00342	•	•	•	•		25		TK00734	•	•
22.5		TK00343	•	•	•	•		26		TK00735	•	•
23		TK00344	•	•	•	•		27		TK00736	•	•
23.5		TK00345	•	•	•	•		28		TK00737	•	•
24		TK00346	•	•	•	•		29		TK00738	•	•
24.5		TK00347	•	•	•	•		30	50 mm	TK00739	•	•
25		TK00348	•	•	•	•		31		TK00740	•	•
26		TK00349	•	•	•	•		32		TK00741	•	•
27		TK00351	•	•	•	•		33		TK00742	•	•
28		TK00352	•	•	•	•		34		TK00743	•	•
29		TK00353	•	•	•	•		35		TK00744	•	•
30		TK00354	•	•	•	•		36		TK00745	•	•
31	TK00355	•	•	•	•		37	TK00746		•	•	
32	TK00356	•	•	•	•		38	TK00747		•	•	
33	TK00357	•	•	•	•		39	TK00748		•	•	
34	TK00359	•	•	•	•		40	TK00749	•	•		
35	TK00361	•	•	•	•		41	TK00750	•	•		
36	TK00704	•	•	•	•		42	TK00751	•	•		
37	TK00705	•	•	•	•		43	TK00752	•	•		
38	TK00706	•	•	•	•		44	TK00753	•	•		
39	TK00707	•	•	•	•		45	TK00754	•	•		
40	TK00708	•	•	•	•		46	TK00755	•	•		
41	TK00709	•	•	•	•		47	TK00756	•	•		
42	TK00710	•	•	•	•		48	TK00757	•	•		
43	TK00711	•	•	•	•		49	TK00758	•	•		
44	TK00712	•	•	•	•		50	TK00759	•	•		
45	TK00713	•	•	•	•		51	TK00760	•	•		
46	TK00714	•	•	•	•		52	TK00761	•	•		
47	TK00715	•	•	•	•							
48	TK00716	•	•	•	•							
49	TK00717	•	•	•	•							
50	TK00718	•	•	•	•							
51	TK00719	•	•	•	•							
52	TK00720	•	•	•	•							

		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 : 50	50L(W) : 50	—	—
Feed Speed	mm/rev	0.02 - 0.1					
Circumferential Speed	m/min	15 - 35 (mild steel)			35 - 50 (mild steel)		

JETBROACH One-touch Type			WOJ-3200	AO-5575	WA-3500	WA-5000	CA-4000	CA-6500
mm dia.	Depth	PN						
12	25 mm	TK01148						
13		TK01149						
14		TK01150						
15		TK01151						
16		TK01152						
17		TK01153						
17.5	35 mm	TK00301						
18		TK00302						
19		TK00304						
19.5		TK00305						
20		TK00306						
20.5		TK00307						
21		TK00308						
21.5		TK00309						
22		TK00310						
22.5		TK00311						
23		TK00312						
23.5		TK00313						
24		TK00314						
24.5		TK00315						
25		TK00316						
26		TK00317						
26.5		TK00318						
27		TK00319						
28		TK00320						
29		TK00321						
30		TK00322						
31		TK00323						
32		TK00324						
33		TK00325						
34		TK00326						
35		TK00328						
36		TK00602						
37		TK00603						
38		TK00604						
39		TK00605						
40		TK00606						

JETBROACH One-touch Type 50L for stacked two (=W) plates.			WOJ-3200	AO-5575
mm dia.	Depth	PN		
18	50 mm	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			WOJ-3200	AO-5575	WA-3500	WA-5000	CA-6500
mm dia.	Depth	PN					
12	50 mm	TK01154					
13		TK01155					
14		TK01156					
15		TK01157					
16		TK01158					
17		TK01159					
17.5		TK00380					
18		TK00381					
19		TK00382					
19.5		TK00383					
20		TK00384					
20.5		TK00385					
21		TK00386					
21.5		TK00387					
22		TK00388					
22.5		TK00389					
23		TK00390					
23.5		TK00391					
24		TK00392					
24.5		TK00393					
25		TK00394					
26		TK00395					
26.5		TK00396					
27		TK00397					
28		TK00398					
29		TK00399					
30		TK00400					
31		TK00401					
32		TK00402					
33		TK00403					
34		TK00404					
35		TK00405					
36		TK00406					
37		TK00407					
38		TK00408					
39		TK00409					
40		TK00410					
41		TK00411					
42		TK00412					
43		TK00413					
44		TK00414					
45		TK00415					
46		TK00416					
47	TK00417						
48	TK00418						
49	TK00419						
50	TK00420						
51	TK00421						
52	TK00422						
53	TK00423						
54	TK00424						
55	TK00425						
56	TK00426						
57	TK00427						
58	TK00428						
59	TK00429						
60	TK00430						
61	TK00607						
62	TK00608						
63	TK00609						
64	TK00610						
65	TK00611						

JETBROACH One-touch Type			AO-5575	WA-5000
mm dia.	Depth	PN		
17.5	75 mm	TK01036		
18		TK01003		
19		TK01004		
20		TK01005		
21		TK01006		
22		TK01007		
23		TK01008		
24		TK01009		
25		TK01010		
26		TK01011		
27		TK01012		
28		TK01013		
29		TK01014		
30		TK01015		
31		TK01016		
32		TK01017		
33		TK01018		
34		TK01019		
35		TK01020		
36		TK01021		
37		TK01022		
38		TK01023		
39		TK01024		
40		TK01025		
41		TK01026		
42		TK01027		
43		TK01028		
44		TK01029		
45		TK01030		
46		TK01031		
47		TK01032		
48		TK01033		
49		TK01034		
50		TK01035		
51		TK01112		
52		TK01113		
53		TK01114		
54		TK01115		
55		TK01116		

JETBROACH Side-lock Type			A-100
mm dia.	Depth	PN	
50	75 mm	TJ17709	
51		TJ16651	
52		TJ16652	
53		TJ16653	
54		TJ16654	
55		TJ16655	
56		TJ16656	
57		TJ16657	
58		TJ16658	
59		TJ16659	
60		TJ16660	
61		TJ16661	
62		TJ16662	
63		TJ16663	
64		TJ16664	
65		TJ16665	
66		TJ16666	
67		TJ16667	
68		TJ16668	
69		TJ16669	
70		TJ16670	
71		TJ16671	
72		TJ16672	
73		TJ16673	
74		TJ16674	
75		TJ16675	
76		TJ16676	
77		TJ16677	
78		TJ16678	
79		TJ16679	
80		TJ16680	
81		TJ16681	
82		TJ16682	
83		TJ16683	
84		TJ16684	
85		TJ16685	
86		TJ16686	
87		TJ16687	
88		TJ16688	
89		TJ16689	
90		TJ16690	
91		TJ16691	
92		TJ16692	
93		TJ16693	
94		TJ16694	
95		TJ16695	
96		TJ16696	
97		TJ16697	
98		TJ16698	
99		TJ16699	
100		TJ16700	

Combination of Pilot Pins & Broach Cutters

Pilot Pin	HI-BROACH Cutters
06025 PN: TK01167 	HBO 12 - 17 dia. Depth 25 mm
08025 PN: TJ12696 	HBO 17.5 - 52 dia. Depth 25 mm
06050 PN: TK01166 	HBO 12 - 18 dia. Depth 50 mm
0850 PN: TK00802 	HBO 19 - 52 dia. Depth 50 mm
08050 PN: TJ16019 	

Pilot Pin	JETBROACH Cutters
06025 PN: TK01167 	JBO 12 - 17 dia. Depth 25 mm
08035 PN: TJ15859 	JBO 17.5 - 40 dia. Depth 35 mm
06050 PN: TK01166 	JBO 12 - 17 dia. Depth 50 mm

Pilot Pin	JETBROACH Cutters
08050 PN: TJ16019 	JBO 17.5 - 65 dia. Depth 50 mm
08075 PN: TJ17436 	JBO(W) 18 - 35 dia. Depth 50 mm for stacked two (=W) plates.
12075 PN: TA9A207 	JBS 50 - 100 dia. Depth 75 mm