



Stroke	BCQB		MORB .5		MORB 1		MORB 2.5		MORB 4 & MORB 6	
	Y	A ₂	Y	A ₂	Y	A ₂	Y	A ₂	Y	A ₂
.25 IN.			2.52	2.28						
6 MM			64	58						
.50 IN.	2.76	2.26	3.03	2.53						
13 MM	70	57	77	64						
.75 IN.			3.53	2.78	3.76	3.01	3.89	3.13	4.39	3.69
19 MM			90	71	96	76	99	80	112	94
1.0 IN.	3.76	2.76	4.02	3.02	4.26	3.26	4.39	3.39	4.89	3.89
25 MM	96	70	102	77	108	83	112	86	124	99
1.5 IN.	4.76	3.26	5.02	3.52	5.26	3.76	5.39	3.89	5.89	4.39
38 MM	121	83	128	90	134	96	137	99	150	112
2.0 IN.	5.76	3.76	6.02	4.02	6.26	4.26	6.39	4.39	6.89	4.89
51 MM	146	96	153	102	159	108	162	112	175	124
2.5 IN.	6.76	4.26	7.02	4.52	7.26	4.76	7.39	4.89	7.89	5.39
64 MM	172	108	178	115	184	121	188	124	200	137
3 IN.	7.76	4.76	8.02	5.02	8.26	5.26	8.39	5.39	8.89	5.89
76 MM	197	121	204	128	210	134	213	137	226	150
3.5 IN.			9.02	5.52	9.26	5.76	9.39	5.89	9.89	6.39
89 MM			229	140	235	146	239	150	251	162
4 IN.			10.02	6.02	10.26	6.26	10.39	6.39	10.89	6.89
102 MM			255	153	261	159	264	162	277	175
4.5 IN.					11.26	6.76	11.39	6.89	11.89	7.39
114 MM					286	172	289	175	302	188
5 IN.					12.26	7.26	12.39	7.39	12.89	7.89
127 MM					311	184	315	188	327	200
5.5 IN.					13.26	7.76	13.39	7.89	13.89	8.39
140 MM					337	197	340	200	353	213
6 IN.					14.26	8.26	14.39	8.39	14.89	8.89
152 MM					362	210	366	213	378	226

Maximum Stroke Length Available

Model		Max. Stroke
BCQB	IN.	3
	MM	76
MORB .5	IN.	4
	MM	102
MORB 1	IN.	6
	MM	152

Model		Max. Stroke
MORB 2.5	IN.	6
	MM	152
MORB 4	IN.	7
	MM	178
MORB 6	IN.	8
	MM	203

Note: Please contact the factory for longer stroke lengths as an option.

Note: All dimensions are nominal unless tolerance is stated.