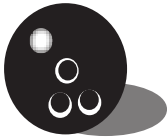
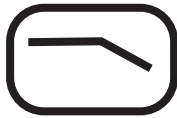
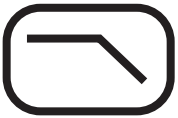






Thumb Angle Conversion Pitch Chart

©1995 Jim Maxey's Bowling Supply Ref: Mo Pinel / MoRich Ent., Ref: Kelly Bednar

	 135° Very Flexible	 120° Average Flexibility	 105° Some Flexibility	 90° Average Tight	 75° Very Tight	
Pitch	Span	Span	Span	Span	Span	Pitch
15/16 Forward	2 1/2"	2 3/8"	2 1/4"	2 1/8"	2"	15/16 Forward
7/8 Forward	2 5/8"	2 1/2"	2 3/8"	2 1/4"	2 1/8"	7/8 Forward
13/16 Forward	2 3/4"	2 5/8"	2 1/2"	2 3/8"	2 1/4"	13/16 Forward
3/4 Forward	2 7/8"	2 3/4"	2 5/8"	2 1/2"	2 3/8"	3/4 Forward
11/16 Forward	3"	2 7/8"	2 3/4"	2 5/8"	2 1/2"	11/16 Forward
5/8 Forward	3 1/8"	3"	2 7/8"	2 3/4"	2 5/8"	5/8 Forward
9/16 Forward	3 1/4"	3 1/8"	3"	2 7/8"	2 3/4"	9/16 Forward
1/2 Forward	3 3/8"	3 1/4"	3 1/8"	3"	2 7/8"	1/2 Forward
7/16 Forward	3 1/2"	3 3/8"	3 1/4"	3 1/8"	3"	7/16 Forward
3/8 Forward	3 5/8"	3 1/2"	3 3/8"	3 1/4"	3 1/8"	3/8 Forward
5/16 Forward	3 3/4"	3 5/8"	3 1/2"	3 3/8"	3 1/4"	5/16 Forward
1/4 Forward	3 7/8"	3 3/4"	3 5/8"	3 1/2"	3 3/8"	1/4 Forward
3/16 Forward	4"	3 7/8"	3 3/4"	3 5/8"	3 1/2"	3/16 Forward
1/8 Forward	4 1/8"	4"	3 7/8"	3 3/4"	3 5/8"	1/8 Forward
1/16 Forward	4 1/4"	4 1/8"	4"	3 7/8"	3 3/4"	1/16 Forward
0	4 3/8"	4 1/4"	4 1/8"	4"	3 7/8"	0
1/16 Reverse	4 1/2"	4 3/8"	4 1/4"	4 1/8"	4"	1/16 Reverse
1/8 Reverse	4 5/8"	4 1/2"	4 3/8"	4 1/4"	4 1/8"	1/8 Reverse
3/16 Reverse	4 3/4"	4 5/8"	4 1/2"	4 3/8"	4 1/4"	3/16 Reverse
1/4 Reverse	4 7/8"	4 3/4"	4 5/8"	4 1/2"	4 3/8"	1/4 Reverse
5/16 Reverse	5"	4 7/8"	4 3/4"	4 5/8"	4 1/2"	5/16 Reverse
3/8 Reverse	5 1/8"	5"	4 7/8"	4 3/4"	4 5/8"	3/8 Reverse
7/16 Reverse	5 1/4"	5 1/8"	5"	4 7/8"	4 3/4"	7/16 Reverse
1/2 Reverse	5 3/8"	5 1/4"	5 1/8"	5"	4 7/8"	1/2 Reverse
9/16 Reverse	5 1/2"	5 3/8"	5 1/4"	5 1/8"	5"	9/16 Reverse
5/8 Reverse	5 5/8"	5 1/2"	5 3/8"	5 1/4"	5 1/8"	5/8 Reverse
11/16 Reverse	5 3/4"	5 5/8"	5 1/2"	5 3/8"	5 1/4"	11/16 Reverse
3/4 Reverse	5 7/8"	5 3/4"	5 5/8"	5 1/2"	5 3/8"	3/4 Reverse
13/16 Reverse	6"	5 7/8"	5 3/4"	5 5/8"	5 1/2"	13/16 Reverse
7/8 Reverse	6 1/8"	6"	5 7/8"	5 3/4"	5 5/8"	7/8 Reverse