



21st ETBF EUROPEAN YOUTH CHAMPIONSHIPS
PATTERN REPORT
March 15 · March 24 · 2008
Tali Bowl · Helsinki · Finland



ETBF Technical Delegate

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KEGEL Technician and Representative

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The following are the technical details for Tali Bowl and the pattern details for the 2008 ETBF European Youth Championships.

Lane Surface

Brunswick Pro Anvilane

Pinsetters | Pins

Brunswick A-2 | Brunswick Max

Lane Maintenance Machinery

Kegel Kustodian Walkers

Lane Conditioner

Kegel Infinity

Lane Cleaner

Kegel Defense C

Pattern Distance

39 Feet

Pattern Volume

Forward 9.93 mL
Reverse 11.01 mL
Total 20.94 mL

Side to Side Ratios

22' 3.0 to 1
37' 3.2 to 1

Front to Back Taper Ratios

Outside Taper 2.7 to 1
Inside Taper 2.2 to 1

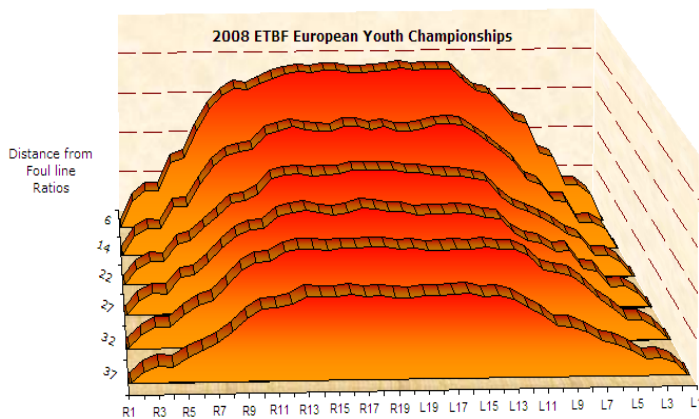


2008 ETBF European Youth Championships

Side to Side Ratios

22' 3.0 to 1

37' 3.2 to 1



The 2D chart on the left shows select tapes and ratios at key distances throughout the pattern.

Here we are using USBC Sport Bowling ratios which are calculated at 22' and 2' before the end of the pattern.

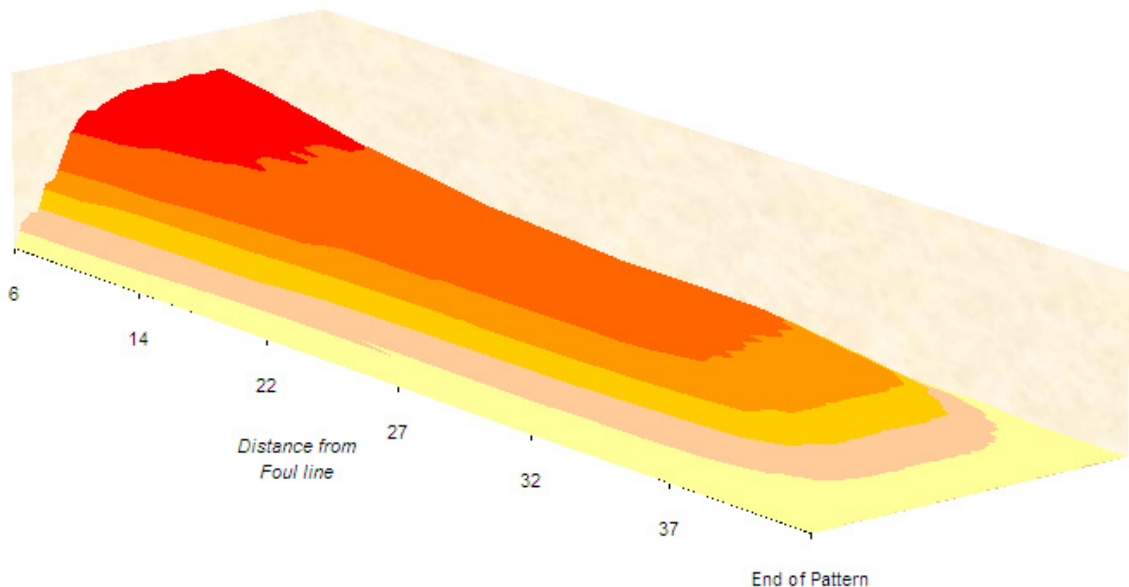
Side to side ratios in the last half of the pattern can be an indicator of the difficulty of a pattern. Generally, the lower the ratios down lane, the more difficult the pattern.

Front to Back Taper Ratios

Outside Taper 2.7 to 1

Inside Taper 2.2 to 1

The 3D chart below gives a visual of how the conditioner tapers off from the front end of the pattern to the back end of the pattern.





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Kegel Sanction Technology™ Lane Machine Settings

Oil per Board (Pump Setting): 30 µL

Pattern Distance: 39 feet

Forward Conditioning Settings										
Screen #	Left End of Stream	Right End of Stream	# Loads or Streams	Travel Speed (in/sec)	Beginning Distance of Load (feet)	Ending Distance of Load (feet)	# Boards Crossed per Load	Total Boards Crossed	Total Volume of Oil (µL)	
01F	2	2	2	10.00	0.00	1.40	37	74	2220	
02F	4	4	1	18.00	1.40	3.90	33	33	990	
03F	6	6	2	18.00	3.90	9.00	29	58	1740	
04F	9	8	2	18.00	9.00	14.10	24	48	1440	
05F	10	9	3	18.00	14.10	21.70	22	66	1980	
06F	12	11	2	22.00	21.70	27.90	18	36	1080	
07F	13	12	1	22.00	27.90	31.00	16	16	480	
08F	2	2	0	26.00	31.00	35.00				
09F	2	2	0	30.00	35.00	39.00				
Forward Buff Screens: 2		Forward # Boards Crossed Volume mL						331	9.93	
Reverse Conditioning Settings										
Screen #	Left End of Stream	Right End of Stream	# Loads or Streams	Travel Speed (in/sec)	Beginning Distance of Load (feet)	Ending Distance of Load (feet)	# Boards Crossed per Load	Total Boards Crossed	Total Volume of Oil (µL)	
01R	2	2	0	30.00		34.00				
02R	14	13	1	18.00	34.00	31.50	14	14	420	
03R	11	10	4	18.00	31.50	21.30	20	80	2400	
04R	8	8	3	14.00	21.30	15.40	25	75	2250	
05R	6	6	2	14.00	15.40	11.50	29	58	1740	
06R	4	4	2	10.00	11.50	8.70	33	66	1980	
07R	2	2	2	10.00	8.70	5.90	37	74	2220	
08R	2	2	0	10.00	5.90	0.00				
01R	2	2	0	30.00		34.00				
		Reverse # Boards Crossed Volume mL						367	11.01	
		Forward plus Reverse Boards Crossed Volume mL						698	20.94	





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The charts on this page are generated by Kegel's KOSI lane machine software from the Kustodian Walker program sheet.



The **OVERHEAD CHART** on the right shows where the conditioner is applied on both the forward and reverse screens. The gradient area is a calculation of how the conditioner might bleed off the buffer brush. The Dark Blue color is the forward applied conditioner and the Blue color is the reverse applied conditioner.

The **COMPOSITE GRAPH** below shows the total amount of conditioner applied to every board. A good way to think about this graph is to envision all the conditioner on the lane being pushed back to the foul line. Once all the conditioner is stacked up, this is what it would look like.

