

Aeration Displacement Chart

Tine size	32mm x 32mm centres	38mm x 38mm centres	50mm x 50mm centres	63mm x 63mm centres	127mm x 127mm centres
6mm Hollow tine	3.14%	2.18%	1.24%	0.79%	
10mm Hollow tine	7.07%	4.91%	2.76%	1.77%	
13mm Hollow tine	12.57%	8.73%	4.91%	3.14%	
16mm Hollow tine		13.64%	7.67%	4.91%	
16mm Hollow verti-drain					1.23%
19mm Hollow tine				7.07%	1.77%
19mm Hollow verti-drain					1.77%
25mm Hollow tine					3.14%
25mm Hollow verti-drain					3.14%
22mm Drill & Fill (178mm centres)					1.23%
Graden 25mm spacing	1mm blade 3.91%	2mm blade 7.8%	3mm blade 11.81%		

Notes:

- * 6mm Quadtines remove as much material as regular 13mm hollow tines.
- * You need to use a minimum of 10mm tines to allow top dressing to fill holes if replacement material is required.
- * For double aeration, make two passes at approximately 37° to minimise overlap.

Comments:

Information courtesy of the International Sports Turf Research Center.



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