

Error Correction for Fret Placement

The fret placement numbers in both the book and on the plans has been in error. The numbers given are actually for another scale length. The drawings are correct just the numbers showing the fret spacing from fret to fret are incorrect so you can use the tables below to make your corrections. Hopefully, you opted to take my advice and have your fingerboard pre-slotted. If so, you more than likely have had your fingerboard cut using the rule of 18, or, the table labelled no compensation below on the right. I have provided both a set of numbers with and without built in compensation (table on left). I cut my fingerboards with some built in compensation to slightly improve intonation across the fingerboard. Either set of numbers can be used with the plans to cut your fret slots. The final length of the fingerboard should end up very close to being the same. If you have cut your fingerboard using the incorrect numbers I have a fix but you will need to contact me so I can know what you have done so far. I apologize for any inconvenience this may have caused anyone, as this certainly was not my intention.

650 Scale Length		With Compensation	
Fret		Fret to fret mm	Fret to fret inches
1		35.746	1.407
2		34.522	1.359
3		32.585	1.283
4		30.756	1.211
5		29.030	1.143
6		27.400	1.079
7		25.862	1.018
8		24.411	0.961
9		23.041	0.907
10		21.748	0.856
11		20.527	0.808
12		19.375	0.763
13		18.287	0.720
14		17.261	0.680
15		16.292	0.641
16		15.378	0.605
17		14.515	0.571
18		13.700	0.539
19		12.931	0.509
20		12.205	0.481

Scale Length		No Compensation		Rule of 18	
Fret		Fret to fret mm		Fret to fret inches	
1		36.482		1.436	
2		34.434		1.356	
3		32.502		1.280	
4		30.678		1.208	
5		28.956		1.140	
6		27.331		1.076	
7		25.797		1.016	
8		24.349		0.959	
9		22.982		0.905	
10		21.692		0.854	
11		20.475		0.806	
12		19.326		0.761	
13		18.241		0.718	
14		17.217		0.678	
15		16.251		0.640	
16		15.339		0.604	
17		14.478		0.570	
18		13.665		0.538	
19		12.898		0.508	
20		12.174		0.479	