

## TENSION GRAPH FORM

Client name: Piano Maker, Date of Manufacture and Serial No (If Known):

Two tension graphs are calculated. The first will plot the tensions of any extant stringing and the second will calculate the re-stringing tension

Please make all measurements in millimetres. Only provide measurements for one string per note, the longest of the pair. For calculations we assume a reference pitch of a  $A=415\text{Hz}$  unless otherwise stated. Also please note that the longest bass string we can wind is 2050mm.

\*Speaking length is the section of string between the nut pin and bridge pin.

\*\*Winding Pitch: The winding pitch is given as the distance in millimetres covered by one complete turn of the cover wire about the core wire. See fig 1. If the string is close wound i.e. no gap between turns just put 'close'.

Fig 1.



NOTE	CORE DIAMETER	CORE ALLOY	COVER DIAMETER	COVER ALLOY	SPEAKING LENGTH*	W/PITCH **
CC						
CC #						
DD						
DD #						
EE						
FF						
FF #						
GG						
GG #						
AA						
AA #						
BB						
C						
C #						
D						
D #						
E						
F						
F #						
G						
G #						
A						
A #						
B						
c						
c #						
d						
d #						
e						
f						
f #						
g						

# TENSION GRAPH FORM

g #						
a						
a #						
b						
c'						
c #'						
d'						
d #'						
e'						
f'						
f #'						
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a #''''''						
b''''''						
c'''''''						