



The Original Innovators



GrandTune®

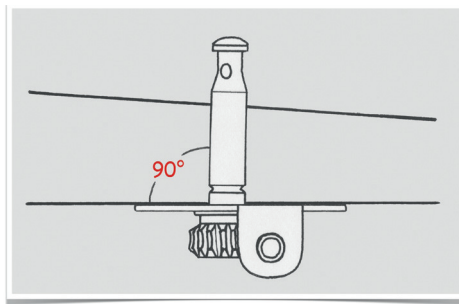
hypertech tuning
vintage design

Thank you for choosing GrandTune tuners -
the most advanced and musical
machine heads ever built.

Installation:

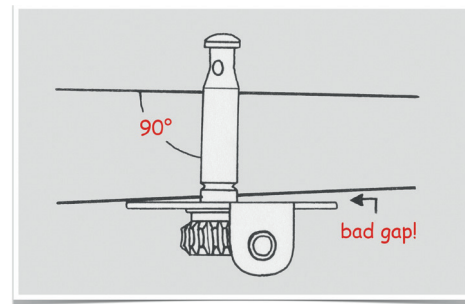
Please align and drill perpendicularly from the back of the headstock assuring a perfect 90° angle of the drill hole.

The peghole should have a diameter of 6 mm.
Do not drill perpendicularly from the top down as you may be working on a slightly tapered headstock.



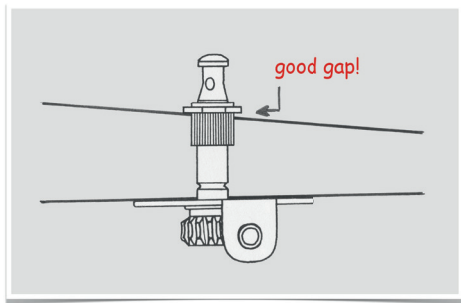
On a tapered headstock drilling from the top down may result in your tuner's backplate to be tilted and having to be forced into place by the fixation screws subsequently bending the tuner's stringpost out of line. See page 3 vs. page 4

Do not bend the base plate, the worm gear will be irretrievably destroyed.



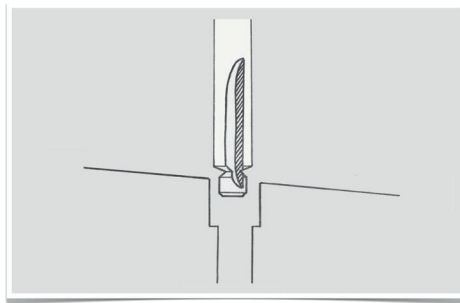
Use original Schaller GrandTune bushings only!
Do not use bushings of other or unknown origin.
Only genuine Schaller GrandTune bushings provide the specs and performance to ensure the velvet-like feel and flawless performance GrandTune tuners are known for.

Please be aware that only GrandTune bushings feature a precision inner diameter of 6.10 mm. Bushings differing from this spec can degrade or even damage your GrandTune tuner's performance.



Note:
Old bushings should not be left in the guitar's headstock when upgrading to Schaller GrandTune tuners.

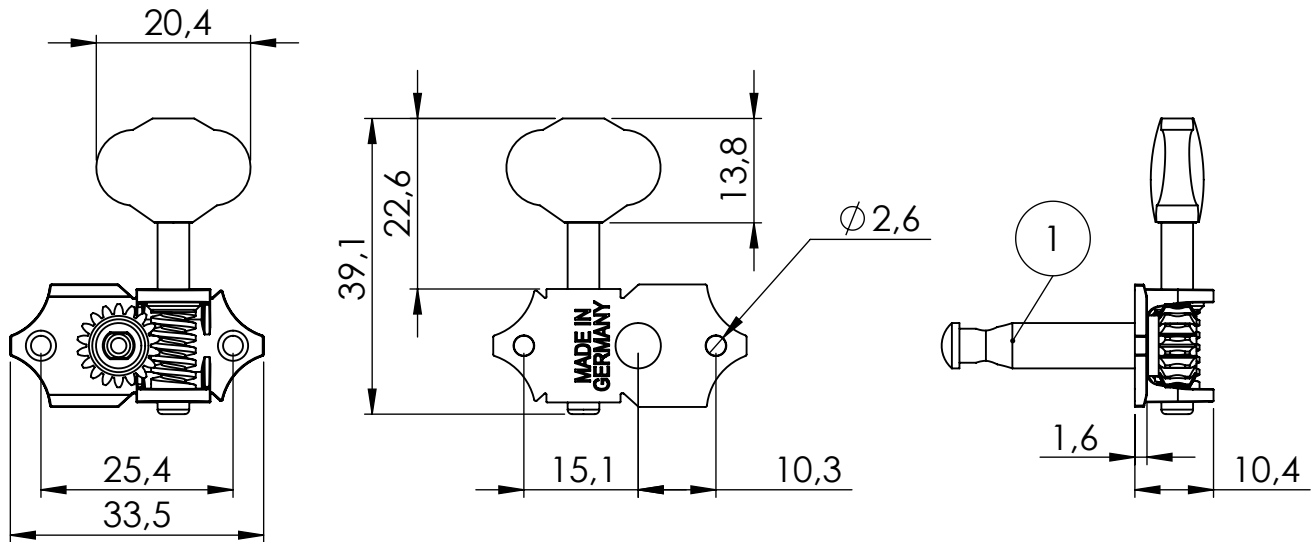
GrandTune bushings require counterbore holes concentric to the pegholes with a minimum diameter of 8.33 mm and a depth of 6.10 mm.* When correctly installed the bushing will conceive the stringpost effortlessly with the backplate of the tuner fitting flat against the back of the peghead.



*We recommend using Stewart-MacDonald's (www.stewmac.com) peghead bushing reamer (#2061) and tuner drill jig (#4858).

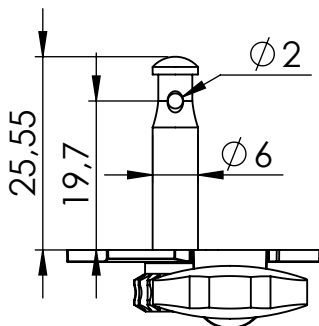

GrandTune®

GrandTune featuring 18:1 Velvet-Tec technology.
Available as single or 3-on-plate, for solid or slotted headstock steelstring guitar as well as classical guitar, ukulele and mandolin.
Combine 8 exceptional finishes with more than 10 exquisite tuning buttons.

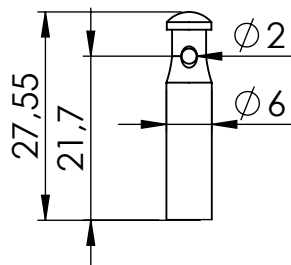


Stellachsen/Posts:

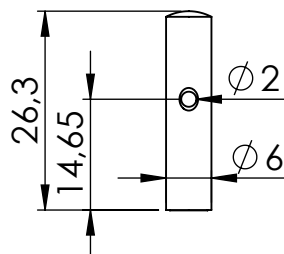
Solid 19,7
1051XXXX.XX.31



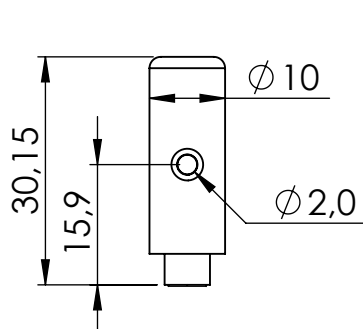
Solid 21,7
1051XXXX.XX.32



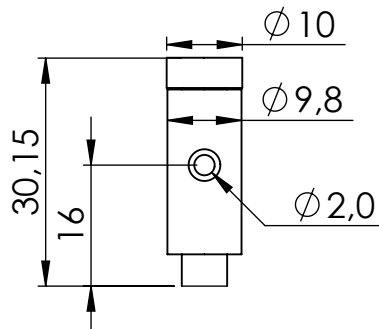
Slotted
1051XXXX.XX.20



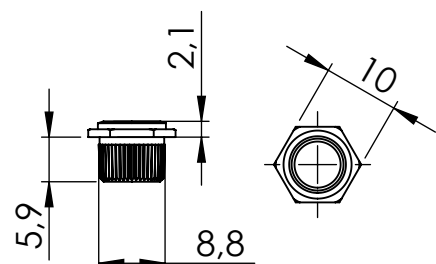
String Rollers
1051XXXX.XX.11 (white)
1051XXXX.XX.12 (black)



String Rollers Deluxe
1051XXXX.XX.40 (white)
1051XXXX.XX.41 (black)



Gegenlager/
press-in bushings



1 siehe schaller.info / Bedienungshilfen / Stellachsen Mechanik
see schaller.info / Operating instructions / post for machine heads