

The correct string angle over the nut of a guitar is essential to good, open string sound, along with optimum friction for tuning stability when bending strings or using a vibrato device. The most problematic guitars are those with flat style head stock construction with string trees. There have been several innovative ideas to enable the removal of the string tree and still allow enough down pressure/angle over the nut for good open string tone quality. Tuning keys spacers and staggered height tuning keys are the most popular choices. Unfortunately, these products have their limitations. The ideal would be to adjust the height of each tuning key post individually to compensate for string length, head stock depth and string tension. Now, with the development of GOTOH "H.A.P. System Tuning Keys/Machine heads", all of this is possible. "H.A.P."—"Height Adjustable Post", allows you to "dial" in the optimum string angle over your guitars nut for the perfect tension. No more guesswork, no more ordering staggered height tuning keys to find that the heights aren't just quite right. Compensate for string gauge and friction, etc., with the tuning keys installed on the guitar. This is the "ultimate" tuning key system!

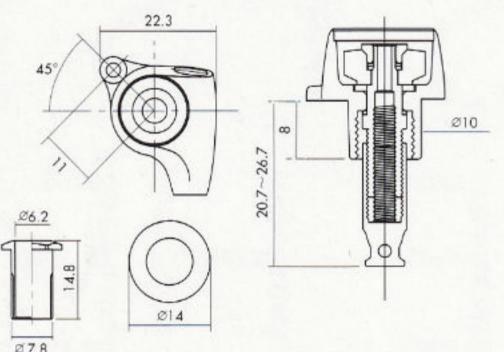


for Guitar

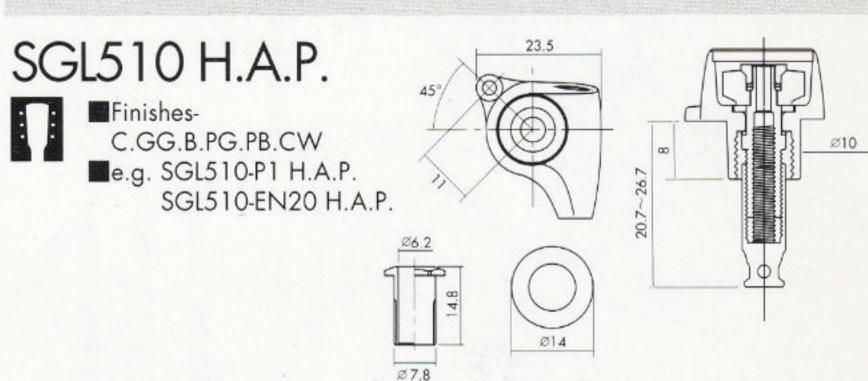


SGS510 H.A.P.

Finishes-C.GG.B.PG.PB.CW e.g. SGS510-L5 H.A.P. SGS510-S5-L H.A.P.

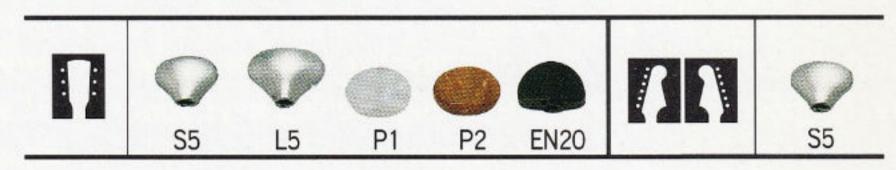




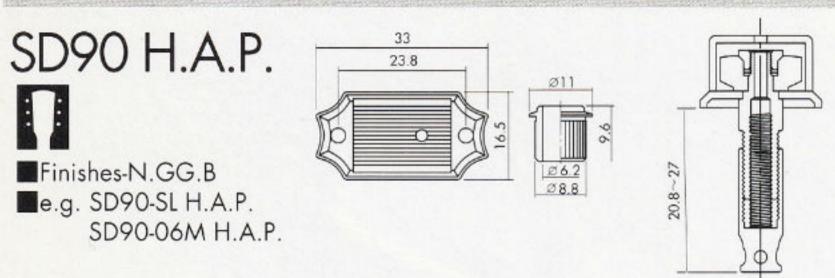


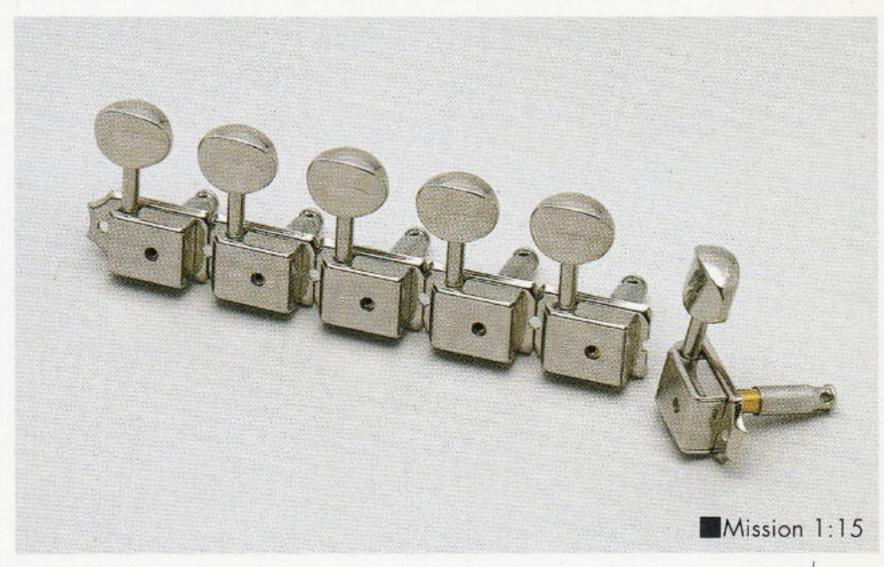
BUTTON OPTION (510-SG Series)

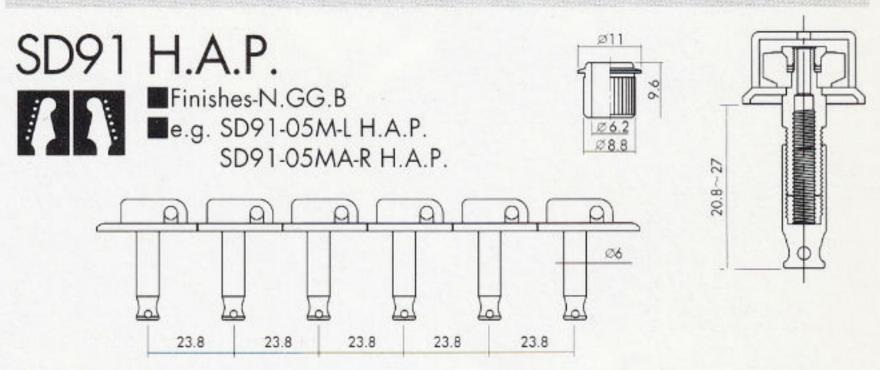
Choose the number of button from listed as follow when machine heads is ordered.





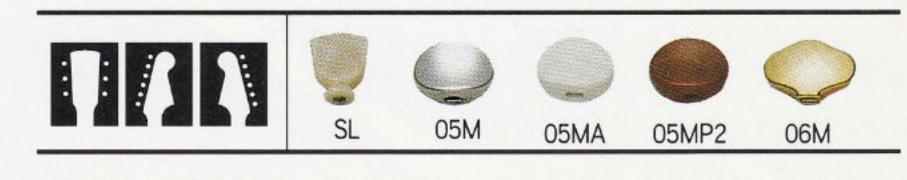






BUTTON OPTION (SD Series)

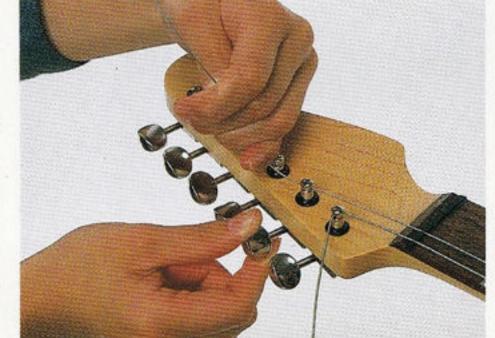
Choose the number of button from listed as follow when machine heads is ordered.

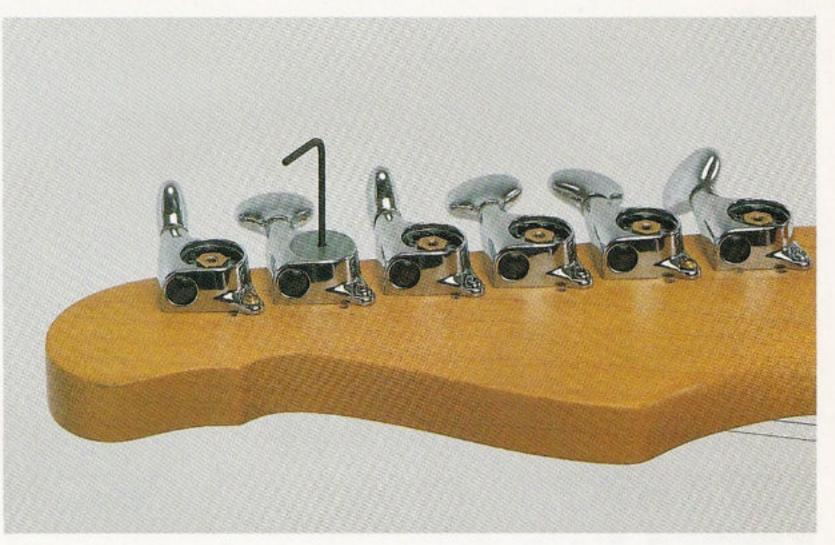


H.A.P.M. (MAGNUM LOCK) JAPAN Pat.NO.1,685,055/U.S.A Pat.NO.4,827,825

GOTOH MAGNUM LOCK is patented to lock the string by easy operation. Pull the string through the post until there is no slack

and turn the button for normal tuning, then it automatically locks the string. To complete tuning in less than one turn of the post, it stays in tune when playing. To use with non-locking tremolo system, it results in this tremolo that stays in tune remarkably well.



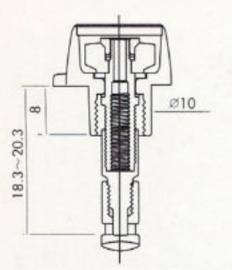




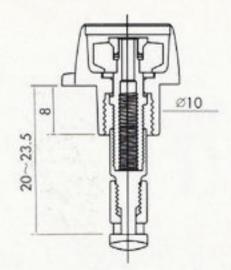




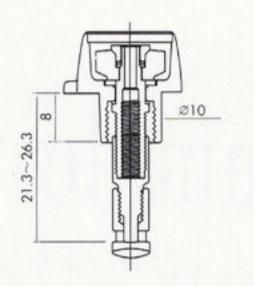
SGS510 H.A.P.M. Finishes-C.GG.B.PG.PB.CW e.g. SGS510-S5-L H.A.P.M. SGS510-S5-R H.A.P.M.



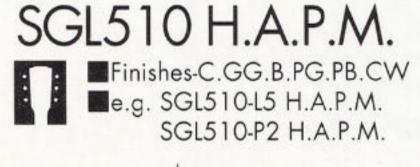
The post only used for 1st and 2nd string for flat style head stock.

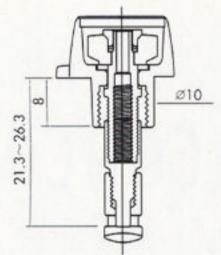


The post only used for 3rd,4th,5th and 6th.



The post for slanted head stock.

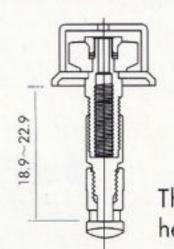




The post for slanted head stock.



SD90 H.A.P.M. Finishes-N.GG.B e.g. SD90-05M H.A.P.M. SD90-05MP2 H.A.P.M.

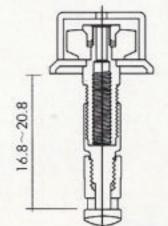


The post for slanted head stock.



SD91 H.A.P.M. Finishes-N.GG.B ■e.g. SD91-06M-L H.A.P.M.

SD91-05M-R H.A.P.M.



for flat style head stock.

The post only used for The post only used for 1st,2nd and 3rd string 4th,5th and 6th.

for Bass Guitar



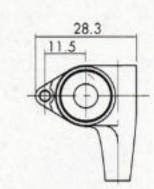
GB70 H.A.P. Finishes-C.GG.B

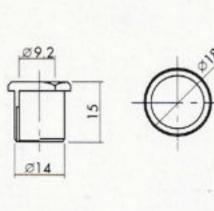


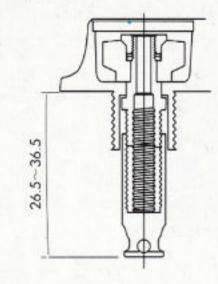
GB72 H.A.P.



GB73 H.A.P.

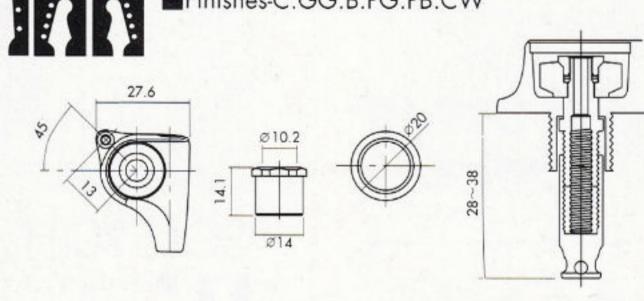




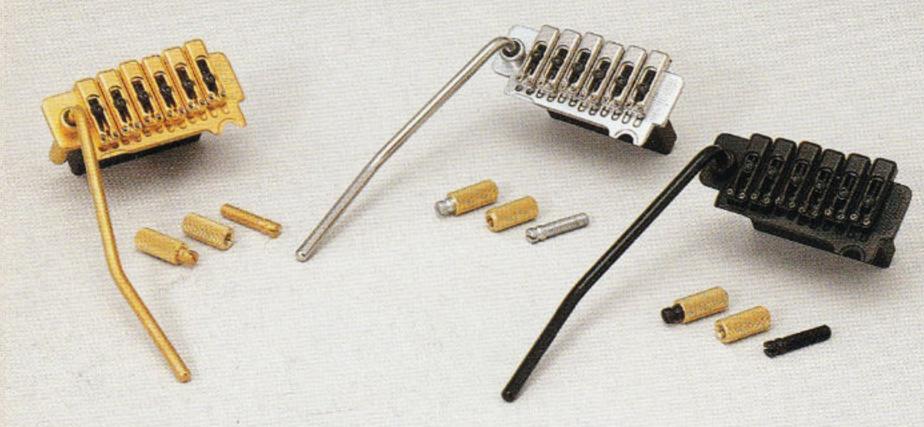


Mission 1:22

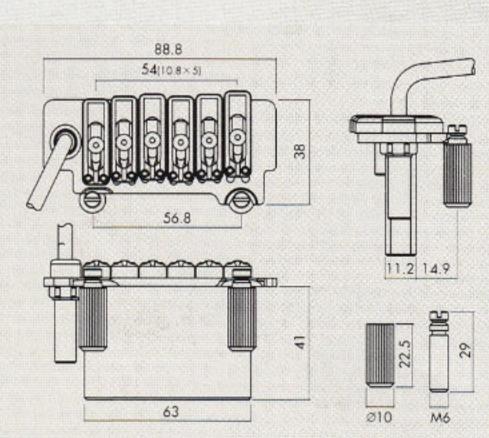
GBS510 H.A.P. Finishes-C.GG.B.PG.PB.CW



Licenced Tremolo Unit



VS100G Finishes-HC.HG.HB String pitch 10.8mm



G GOTOH®

Address: 3040 Miyako-cho, Isesaki, Gunma, 372 Japan Fax:0270-23-8432

SG36 and SG38 are available for honed finish that is the same as Wilkinson model VS-100G and to enable you to coordinate the color of machine heads and bridge.



SG36-07HG



SG36-05HC

SG36-01HB

SG36 Finishes-HC.HG.HB

Mission 1:14



SG38 ■Finishes-HC.HG.HB







SG38-07HC

Mission 1:16

BUTTON OPTION

Choose the number of button from listed as follow when machine heads is ordered.

