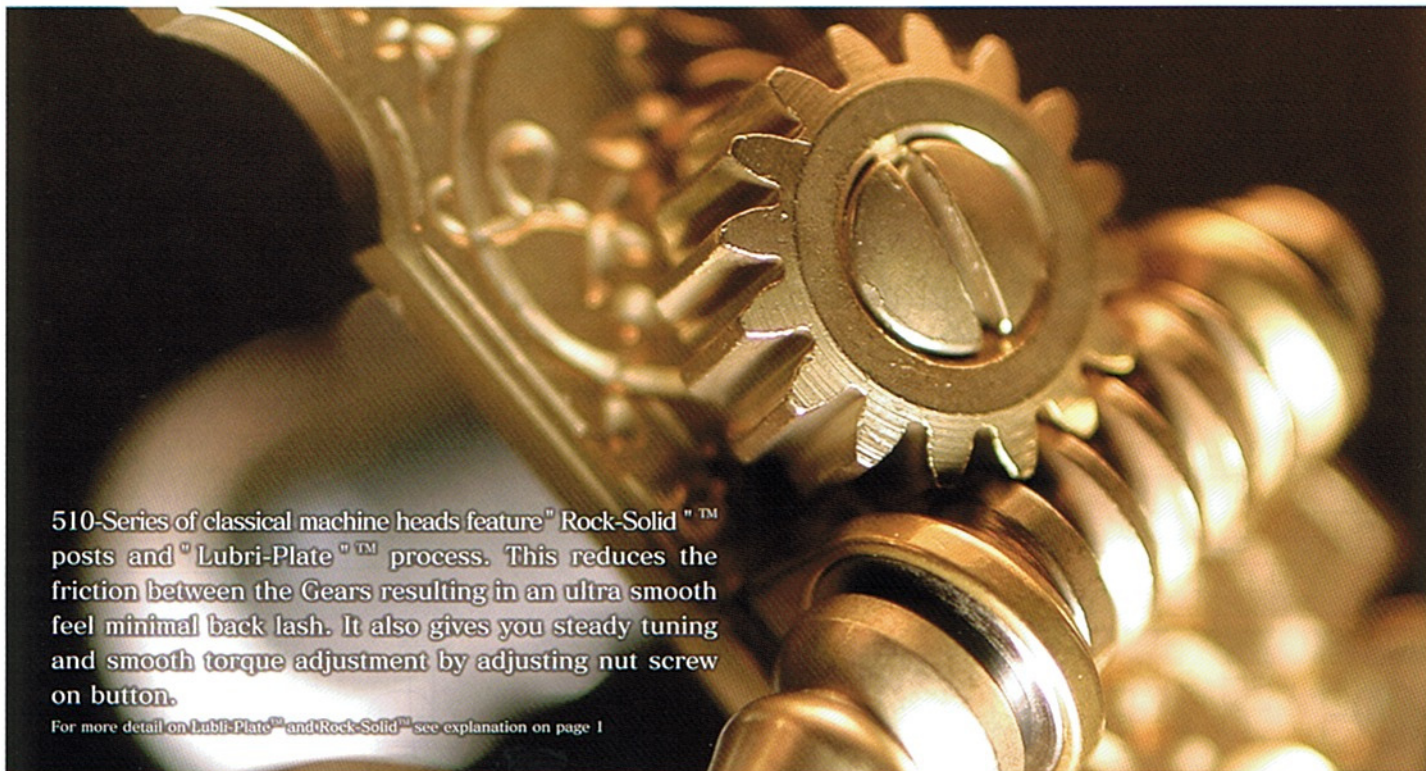


## Classic Guitar Machine Heads

# 35G510 Series



510-Series of classical machine heads feature "Rock-Solid"™ posts and "Lubri-Plate"™ process. This reduces the friction between the Gears resulting in an ultra smooth feel minimal back lash. It also gives you steady tuning and smooth torque adjustment by adjusting nut screw on button.

For more detail on Lubri-Plate™ and Rock-Solid™ see explanation on page 1

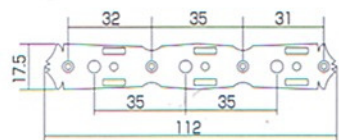
### 35G510CF

35G510CF  
35AR510CF  
35P510CF



Finishes	XN.XG.XCK
Gear ratio	1:16
e.g.	35G510CF-BM 35AR510CF-P

Hand carving

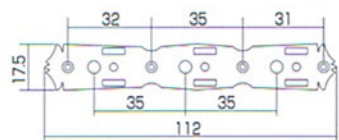


### 35G510MF

35G510MF  
35AR510MF  
35P510MF



Finishes	XN.XG.XCK
Gear ratio	1:16
e.g.	35G510MF-M 35AR510MF-EN

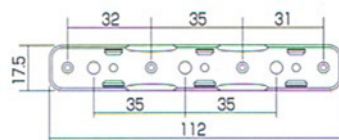


### 35G510AM

35G510AM  
35AR510AM  
35P510AM



Finishes	XN.XG.XCK
Gear ratio	1:16
e.g.	35G510AM-BB 35P510AM-KM
Material	Hard Aluminum

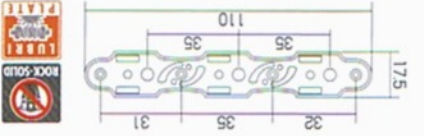
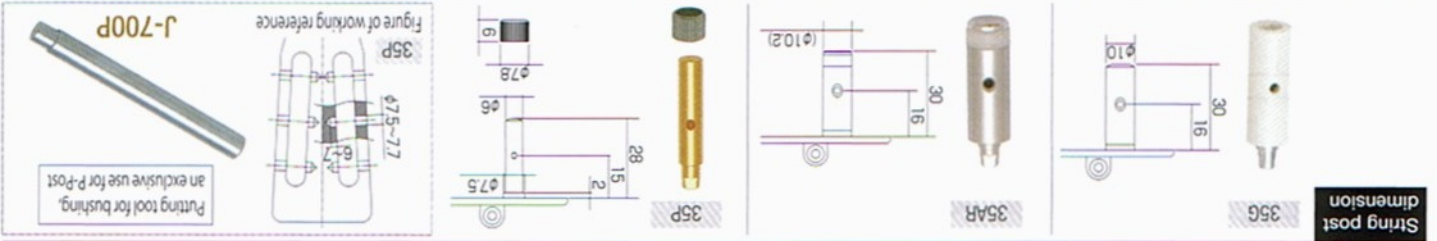


Finishes : N-Nickel, SG-Semi Gold, GG-Gold, CK-cosmo Black, MTG-Mat Gold, XN-Excellent Nickel, XG-Excellent Gold, XCK-Excellent Cosmo Black



Choose the button from listed below when order for machine head is placed (actual size ratio : about 50%)

**35G510 Series BUTTON OPTION**



String post dimension	35G
Finish	N,CK,XN,XG
Gear ratio	1:16
e.g.	35G510S-2R, 35P510S-BB

35G510S  
35AR510S  
35P510S

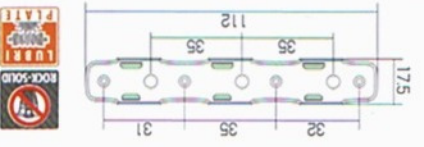
**35G510C**



Finish	MTG
Gear ratio	1:16
e.g.	35G510C-KM, 35AR510C-EN

35G510C  
35AR510C  
35P510C

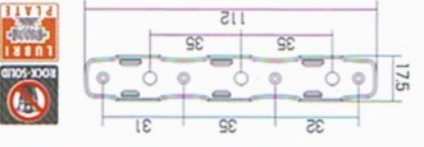
**35G510P**



Finish	GG
Gear ratio	1:16
e.g.	35AR510P-P, 35P510P-KB

35G510P  
35AR510P  
35P510P

**35G510M**



Finish	GG
Gear ratio	1:16
e.g.	35G510C-BM, 35AR510C-M

35G510C  
35AR510C  
35P510C

**35G510C**



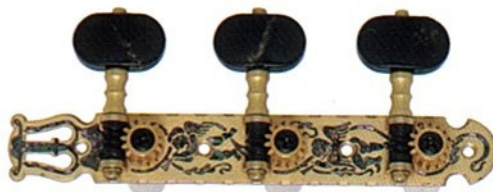
35G6500/1800/1600/620 equip "Rock-Solid"™ String posts as standard.

For detailed information on "Rock-Solid"™ String posts see page 1

For 35P tuning machine on "Rock-Solid"™ String posts headstock may be necessary. See drawing for details.

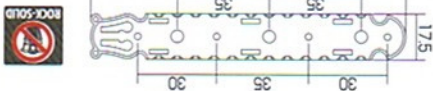
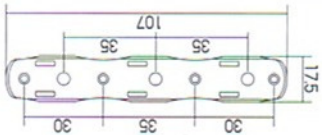
**35G6500**

Finish	SB
Gear ratio	1:1.4
e.g.	35G6500-BB 35G6500-2M



Finish	SB
Gear ratio	1:1.4
e.g.	35P1800-1W 35G1800-2M

**35G1800**

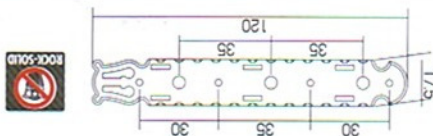
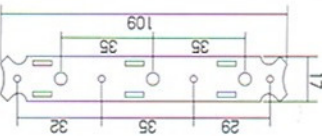


**35G1600**

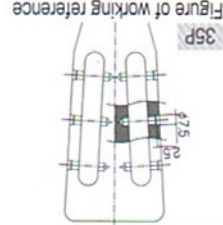
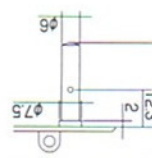
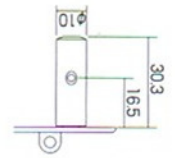
Finish	GG
Gear ratio	1:1.4
e.g.	35G1600-2R 35G1600-1M



Finish	GG
Gear ratio	1:1.4
e.g.	35P620-EI 35G620-EW



String post dimension



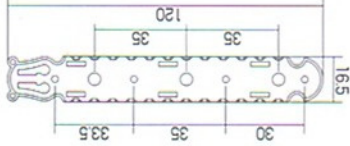
**35G420**

Finish	SG
Gear ratio	1:1.4
e.g.	35G420 35P420

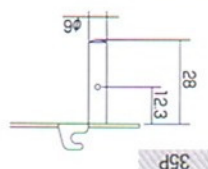
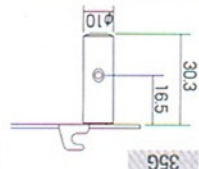


Finish	N
Gear ratio	1:1.4
e.g.	35G350 35P350

**35G350**



String post dimension



**35G Series BUTTON OPTION**

Choose the button from listed below when order for machine head is placed.  
(actual size ratio: about 50%)



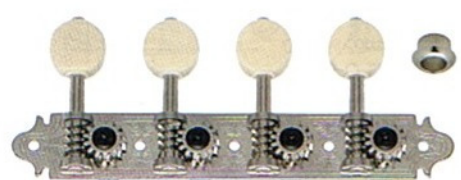
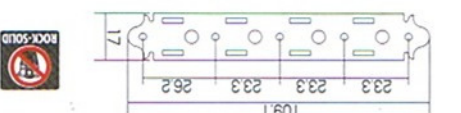
# Mandolin Machine Heads

By incorporating many of the advances in technology developed for their Guitar and Bass tuners, Gotoh have dramatically improved the performance of their Mandolin Tuners. New button options have been introduced and Vintage style reverse gear tuners are also available.

※Minimum production for 30 sets per color is required.

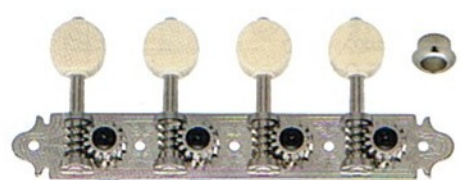
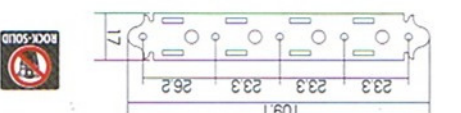
**MA40R**

Finishes	N.G.G
Gear ratio	1:1.4
e.g.	MA40R-MP MA40R-MB
Reverse gearing	

**MA40**

Finishes	N.G.G
Gear ratio	1:1.4
e.g.	MA40R-MM MA40R-MP
Reverse gearing	

※Minimum production for 30 sets per color is required.

**MF40R**

Finishes	N.G.G
Gear ratio	1:1.4
e.g.	MF40R-MP MF40R-MM
Reverse gearing	




**MF40**

Finishes	N.G.G
Gear ratio	1:1.4
e.g.	MF40-MB MF40-MP
Reverse gearing	








Choose the button from listed below when order for machine  
head is placed (actual size ratio : about 50%)

**MA40/MF40 BUTTON OPTION**

String post dimension



**M120S**

Finishes	N.G.G
Gear ratio	1:1.4




**M120**

Finishes	N.G.G
Gear ratio	1:1.4




# Ukulele Evolution

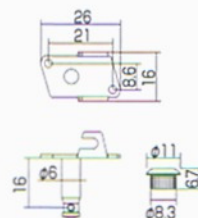


## UK12

Finishes	N.GG
Gear ratio	1:14
e.g.	UK12-05MA UK12-B5

### Super lightweight peg manufactured in "RES-O-LITE"™

Gotohs commitment to improve all their products has lead to this major advance in the manufacture and design of Ukulele tuner pegs. Many models have benefited from Gotohs' "RES-O-LITE"™ material resulting in a much better balanced instrument due to less weight on the headstock. A new 1:14 gear ratio and tighter controls on production has resulted in a tuner with zero back lash and super smooth tuning.

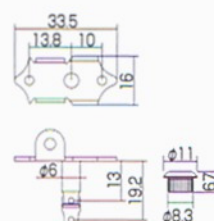
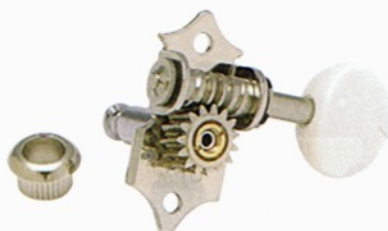


## UK700

Finishes	N.GG
Gear ratio	1:15
e.g.	UK700-M5 UK700-05MA

### High performance peg with H.A.P. system

Height adjustable string posts were first developed for Guitar tuners. By allowing string angles over the nut to be user selectable open string sound and tuning stability have been greatly enhanced. This technology is now available for Ukulele and can be fitted to headstocks varying in thickness from 9mm to 16mm.



## UK12/700 BUTTON OPTION

Choose the button from listed below when order for machine head is placed.(actual size ratio : about 50%)



05MA



B5



M5

## UKA

Finishes	N.GG
Gear ratio	1:1
e.g.	UKA-3W UKA-4B



Where Aluminum is used on these tuners nickel or gold plating is still employed so as to minimize marking of the shaft, due to string windings. String tension causing de-tuning of strings due to reverse post movement is eliminated due to Gotoh's unique manufacturing techniques.

## UKA BUTTON OPTION

Choose the button from listed below when order for machine head is placed.(actual size ratio : about 50%)



3W



3R



4I



4B

## UKB

Finishes	N.GG
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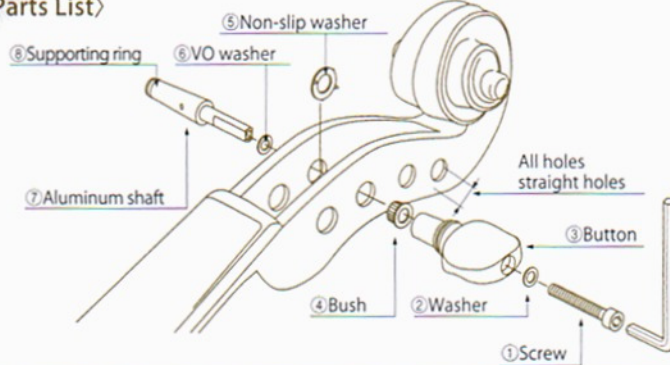


# Violin Tuner

## GOTOH MVT(PAT.P) Feature

- Peg holes are not tapered. It makes easy for violin/cello production as holes are made straight.
- Peg installment is easy without skilled hands by using assembling tool that is an option.
- Post is made of hard aluminum and string does not cut into it. It performs better for longer life.
- It gives you smooth fine tuning and torque adjustment of button can be done by user anytime.
- It has an appearance of traditional wooden peg and you can use it in the feeling without a sense of incongruity.

### (MVT Parts List)



## MVT-440T

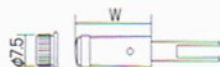
4/4~3/4 for Violin



### MVT-440T Combination list

No.	W	18mm	17mm	16mm	15mm	14mm	13mm
MVT440T-A	○	○	○	○	○	○	○
MVT440T-B	○	○	○	○	○	○	○
MVT440T-C	○	○	○	○	○	○	○

Please call us with the shaft No. if you need a special set which is not included in the normal set.  
(Example : MVT440T-18/16/15/13)



## J-440T

MVT-440T  
Special assembling tool



## MVT-120T

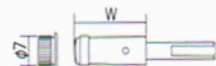
1/2~1/4 for Violin



### MVT-120T Combination list

No.	W	17mm	16mm	15mm	14mm	13mm	12mm
MVT120T-A	○	○	○	○	○	○	○
MVT120T-B	○	○	○	○	○	○	○
MVT120T-C	○	○	○	○	○	○	○

Please call us with the shaft No. if you need a special set which is not included in the normal set.  
(Example : MVT120T-17/15/13/12)



## J-120T

MVT-120T  
Special assembling tool



## MVT-MINI

1/8~1/16 for Violin



### MVT-MINI Combination list

No.	W	15mm	14mm	13mm	12mm	11mm
MVT-MINI-A	○	○	○	○	○	○
MVT-MINI-B	○	○	○	○	○	○

Please call us with the shaft No. if you need a special set which is not included in the normal set.  
(Example : MVT-MINI-15/13/12/11)



## J-MINI

MVT-MINI  
Special assembling tool



## Planetary Banjo Tuners

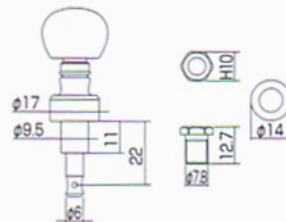
Developed by a new idea from "Gotohs" high processing technology. Tuning performance has greatly enhanced in comparison to the one existing in the past and gear feels so smooth. Especially 5th peg is a super banjo tuner as many problems experienced in the past have been improved tremendously.



### SPBJ-4



Finishes	N.C.GG.XN.XC.XG
Gear ratio	1:4
e.g.	SPBJ-4-AI SPBJ-4-PW



### SPBJ BUTTON OPTION

Choose the button from listed below when order for machine head is placed. (actual size ratio : about 50%)



PW



AI

### SPBJ-5



Finishes	N.C.GG.XN.XC.XG
Gear ratio	1:13
e.g.	SPBJ-5-PW SPBJ-5-AI



## GOTOH Display Package

