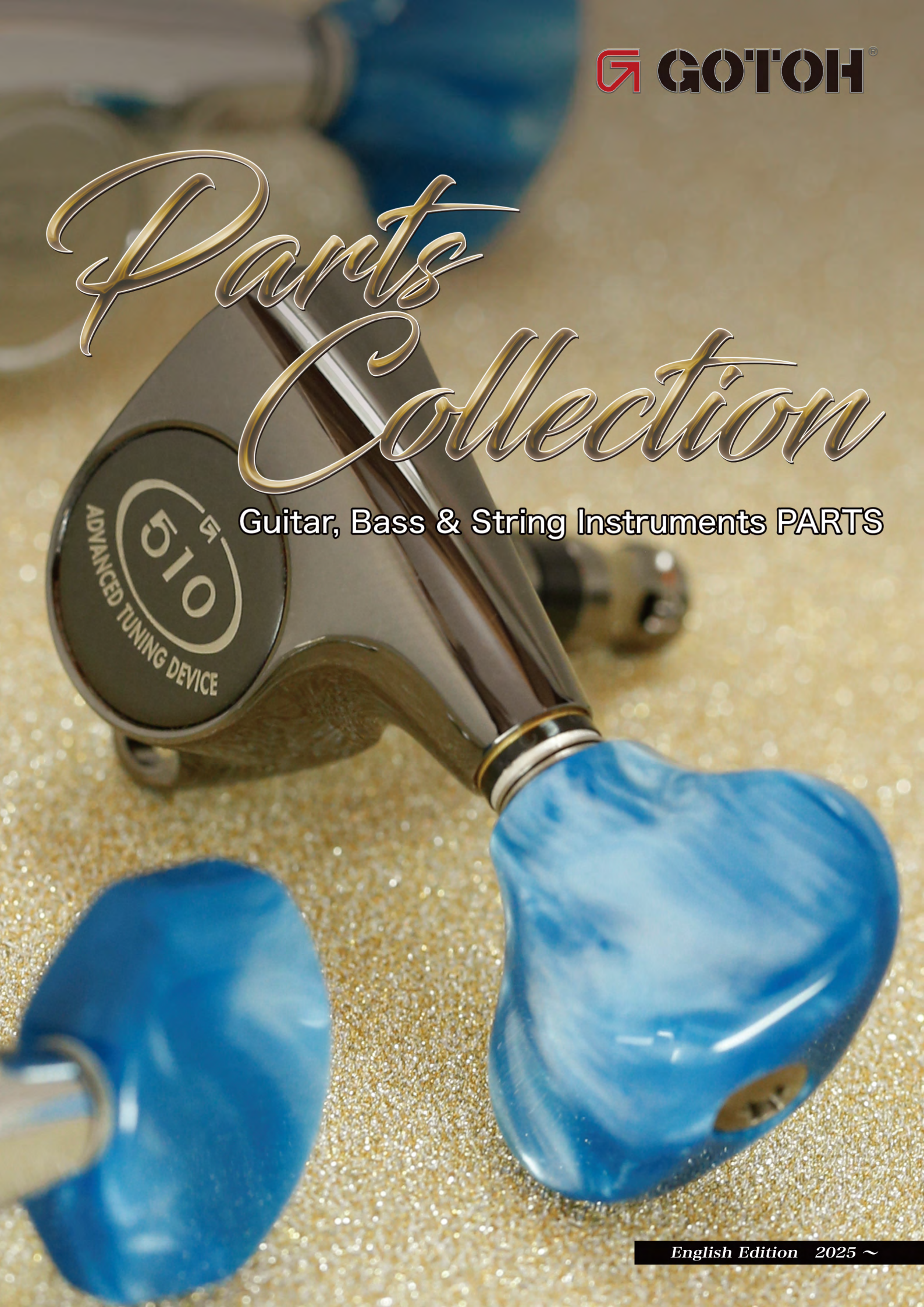


# *Parts Collection*

Guitar, Bass & String Instruments PARTS









# CONTENTS

|    |                                                                                      |    |                                                                                         |
|----|--------------------------------------------------------------------------------------|----|-----------------------------------------------------------------------------------------|
| 01 | <b>Crescent Capo Image</b>                                                           | 02 | <b>Index</b>                                                                            |
| 03 | <b>X-Finish Description, Technical Note</b>                                          | 04 | <b>String Post Description</b><br>Magnum Lock / DSL / MG-T / Standard POST / HAP / HAPM |
| 05 | <b>Satin Finish Image</b>                                                            | 06 | <b>SG510 Series for Guitars</b> (Sealed Gear Type)   SGS510 / SGS510Z                   |
| 07 | <b>SG510 Series for Guitars</b> (Sealed Gear Type)   SGL510 / SGL510Z                | 08 | <b>SG510 Series for Guitars</b> (Sealed Gear Type)   SGV510 / SGV510Z                   |
| 09 | <b>SG510 Series for Guitars</b> (Baby Size)   SGi510                                 | 10 | <b>SG510 Series (Button Option)</b>                                                     |
| 11 | <b>SG510 Series (Shaft Dimension),   MG-T Arrangement Option</b>                     | 12 | <b>SG Series</b> (Sealed Gear Type)   SG301 / SG360 / SG381                             |
| 13 | <b>SX510 Series for Guitars</b> (Open Gear Type)   SXB510(V) / SXN510(V)             | 14 | <b>SE Series</b> (Open Gear Type)   SE700 / SE770 / SE780 and more...                   |
| 15 | <b>SD510 Series for Guitars</b> (Vintage Type)   SD510 / SDS510                      | 16 | <b>SD Series</b> (Vintage Type)   SD90 / SD91 <b>and C-A-R-D</b>                        |
| 17 | <b>SD Series MG-T</b> (Thumb Screw Type)   SD90 MG-T / SD91 MG-T                     | 18 | <b>Planetary Banjo Tuner   Planetary Ukulele Tuner</b>                                  |
| 19 | <b>Ukulele Tuners</b> UK12 / UK700 / UKB                                             | 20 | <b>Crescent Capo</b> (Original Capotasto)                                               |
| 21 | <b>35G510 Series for Classic Guitars</b> 35G510AM / 35G510MF / 35G510C               | 22 | <b>35G510 Series for Classic Guitars</b> 35G510P / 35G510QC / 35G510S                   |
| 23 | <b>Classic Regular Series</b> 40G2000 / 35G3600C / 35G1800 and more...               | 24 | <b>Mandolin 510 Series</b> MA510 / MA510R / MF510 / MF510R                              |
| 25 | <b>Mandolin Regular Series</b> MA40 / MF40 / M120 / M120S and more...                | 26 | <b>CABON-O-LITE Series</b> CXB-01 / CXN-01 / CBT-01 / CBB-4                             |
| 27 | <b>GRL510 RES-O-LITE for Basses</b> GRL510C-9 / GRL510C-12<br>GRL510M-9 / GRL510M-12 | 28 | <b>GBU510 Series for Basses</b> GBU510C-9 / GBU510C-12<br>GBU510M-9 / GBU510M-12        |
| 29 | <b>RES-O-LITE Series for Basses</b> GB350 / GB640 / GBR640 / GB528                   | 30 | <b>GB &amp; Regular Series</b> GB707 / GB10 / GB2 / GB11W / FB30 / FB30LP               |
| 31 | <b>Premium Line KO-GA Image</b>                                                      | 32 | <b>Premium Line KO-GA</b> KG01 / KG02-B / KG02-N / KG02-C                               |
| 33 | <b>Tremolo Units 510 Series</b> EV510T(TS)-LS, BS, FE                                | 34 | <b>Tremolo Units 510 Series</b> 510T(TS)-LS1, LS2, BS1, BS2                             |
| 35 | <b>Tremolo Units 510 Series</b> 510T(TS)-FE1, FE2, SF1, SF2                          | 36 | <b>Tremolo Units 510 Series</b> NS510T(TS)-LS1, LS2, FE1, FE2                           |
| 37 | <b>Tremolo Units 510 Series</b> NS510TS-LS7, NS510TS-FE7                             | 38 | <b>Tremolo Units and Lock Nuts</b> GE1996T-7 / GLN-7 / SSM-02                           |
| 39 | <b>Tremolo Units and Lock Nuts</b> GE1996T / Lock Nuts / GE101T / GE101TS            | 40 | <b>Guitar Bridges 510 Series</b> 510FX / 510UB / 510FA / 510FB                          |
| 41 | <b>Regular Bridges and Tailpieces</b> GTC101 / GTC102 / GTC201 / GTC202              | 42 | <b>Regular Bridges and Tailpieces</b> GE101A ~ GE103B-T / GE104B                        |
| 43 | <b>Titanium Saddle</b> Ti103B / Ti103B-T / Ti104B • VS1300 (Wilkinson by GOTOH)      | 44 | <b>Wilkinson by GOTOH</b> VS100N / VG300 / VSVG / WT3                                   |
| 45 | <b>Bass Bridges Multi-Tonal Series</b> 404SJ / 404BO                                 | 46 | <b>Bass Bridges Multi-Tonal Series</b> J510SJ / J510BO                                  |
| 47 | <b>Bass Bridges S510B Series</b> S510B / 201B-4 / 203B-4 / 205B-5                    | 48 | <b>In-Tune Saddle Series</b> Ti-TC1 / Ti-TC1S / BS-TC1 / BS-TC1S                        |
| 49 | <b>Accessories Index</b>                                                             | 50 | <b>Package Design,   Arms</b> A1 / A2 / B1 / B2 / A7 / A8 / F3 and more...              |
| 51 | <b>Saddle Sets</b> For Guitars   52 <b>Saddle Sets</b> For Basses                    | 52 | Strap Pin / Jack Cover / Tension Bar / Strap Locker                                     |
| 53 | Dome Knobs / Neck Joint Plate / String Bushing / String Retainer / Pick Case         | 54 | Control Panel / Battrey Box / Power Spring / Spring / Wrench Holder/ Spring Hanger      |
| 55 | <b>Luxury Mode</b> SG510 and SD90-LX01 (Machinehead)                                 | 56 | <b>Luxury Mode</b> GTC-Art / NBS-Art / CP10-Art / VK-Art / GE101A-LX01                  |
| 57 | <b>RELIC Series</b> Guitar Machine Heads, Tremolo, Bridge and Tailpiece              | 58 | <b>RELIC Series</b> Bass Machine Heads, Bass Bridges, Accessories                       |

\*The index page number of pages with new products is written in red.

## NEW PRODUCTS

### P28 - Bass Tuner RES-O-LITE

GRL510C-9 / GRL510C-12 / GRL510M-9 / GRL510M-12

New items have been added to the button options for the SG510 and SG series.

## DISCONTINUED

### P30 - Bass Tuner GB Series

GB11W





# X-FINISH

**X-Finish : the ultimate finish,  
repels all water and dirt  
and gives inimitable look.**



XN : X-Nickel   XC : X-Chrome   XG : X-Gold



## TECHNICAL NOTE

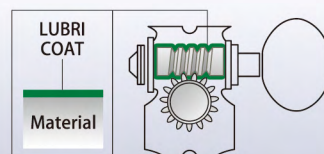


### LUBRI-COAT™

**Lubri-Coat\* : Creating the machine head of the future.**

The application of Lubri-Coat (solid lubricating layer) to the worm gear, establishes better contact between the worm and the gear wheel. As a result, backlash is minimized when tuning. In addition, the synergistic effect derived from GOTOH's original degrade-resistant lubricating oil, means that machine heads can be more durable and maintain accuracy for longer.

\* Lubri-Coat PAT. (PCT)



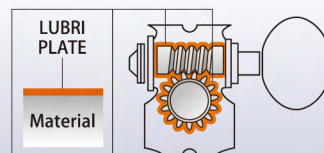
### LUBRI-PLATE™

**The enhanced feeling and micro precision of Lubri-Plate \*1**

With "Lubri-Plate" Teflon compound (lubricating compound coating) on the worm and the wheel, you get smooth gear meshing and improved durability. With the additional use of the G.S.P.\*2, you can experience the ultimate feeling.

\*1. Lubri-Plate PAT. (PCT)

\*2. G.S.P GOTOH original non-oil based lubricant



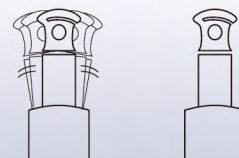
### ROCK-SOLID™

**The ultimate post: stays solid, even during arming or bending play.**

Unwanted rattle from gears, rolling posts and body assembly are eliminated. Thanks to the incorporation of special spring under the string post, transmission of string vibration to the instrument is maximized. Naturally, the results are greatest during arming and bending play, here high-technology takes machine heads to the ultimate.

\*Rock-solid String post PAT. (PCT)

Usual string post      ROCK-SOLID





# STRING POST VARIATION

The SG-series and SD-series of GOTOH machine heads, offer a variety of posts: Standard, Magnum Lock (MG), and H.A.P. / H.A.P.M with the ability to adjust the height of the post. By installing the "Rock-Solid String Post" (not available for all models) which eliminates unwanted rattle of the post, keeps the tune back from arming and bending play. GOTOH's state the art technology, developmental prowess and technical skill have won the confidence of custom builders around the world.

\* The standard-post of the SG510 series is equipped with "Friction-Free Ring".



MG (DSL)



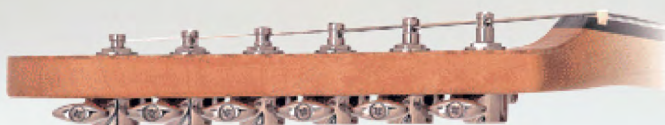
MG-T



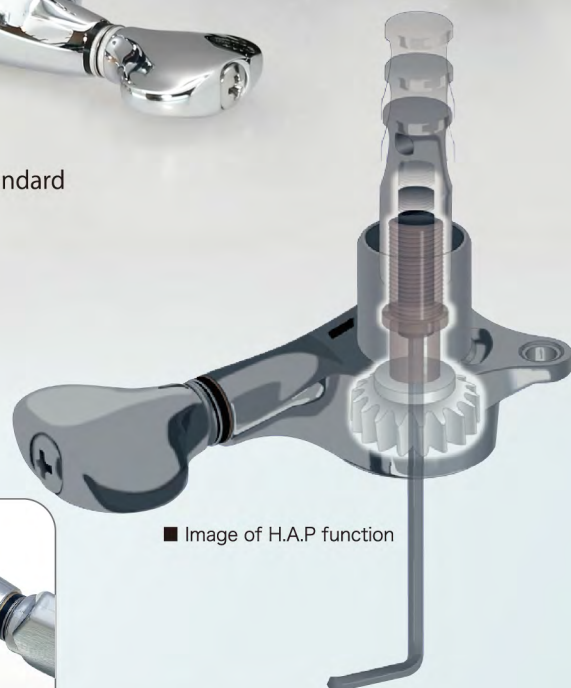
Standard



H.A.P



H.A.P (Eg: L6 Height adjustment)



■ Image of H.A.P function

\*For details of installation, please check the explanatory video on our website.



SG510 Series  
Standard Post



SG Series  
Standard Post



**MG**

Magnum Lock String post



**DSL**

Magnum Lock String post



**MG-T**

Magnum Lock-TRAD String post



**H.A.P.®**

H.A.P String Post



**H.A.P.-M**

H.A.P-M String Post

Always follow the instructions in the instruction manual / leaflet.

Guitar ▶ L3+R3 L6 for Right Hand R6 for Left Hand  
Bass ▶ L2+R2 L4 for Right Hand R4 for Left Hand

\* Please check our website for details on functions and operation methods. Video manual available.





DEDICATED FOR SG510 SERIES, GE1996T & 510FX BRIDGE

# Satin Finish

Satin Finish Has Been Added.



CS (Chrome Satin)



GS (Gold Satin)



BS (Black Satin)



BS (Black Satin)

\* Satin Finish cannot be selected for aluminum buttons (A01, A07, A20) on the SG510 series.

\* Only BS has been added to the GE1996T and 510FX bridges.



# SG510 FLAGSHIP Series

GOTOH Original Designed Mini Size Sealed Gear Machine Heads

## SGS510

Gear Ratio / 1:15

C (CHROME)-QS5



Standard Post

## SGS510Z

Gear Ratio / 1:18

CS (CHROME SATIN)-S5



Standard Post

## STRING POST VARIATIONS

C (CHROME)-P7



SGS510 MG-T 1:15

SGS510Z MG-T 1:18



B (BLACK)-WGS5



SGS510 HAP 1:15

SGS510Z HAP 1:18



CK (COSMO BLACK)-CS5



SGS510 MG 1:15

SGS510Z MG 1:18



GG (GOLD)-FS5



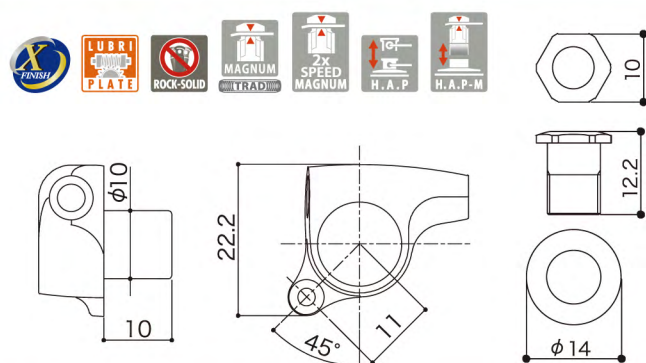
SGS510 HAP-M 1:15

SGS510Z HAP-M 1:18



## OTHER VARIATIONS & OPTIONS / DIMENSION

| Common Spec.       | Head Type          |                                                                                                                             |
|--------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------|
|                    | Standard Equipment | LUBRI-PLATE / ROCK-SOLID                                                                                                    |
|                    | String Post        | STANDARD. MG-T. MG. HAP. HAP-M                                                                                              |
|                    | Finishes           | C. GG. B. CK. CS. GS. BS. XN. XC. XG                                                                                        |
|                    | Buttons            | REFER TO BUTTON OPTIONS ON PAGE 10.                                                                                         |
| Gear Ratio         |                    | SGS510 = 1 : 15      SGS510Z = 1 : 18                                                                                       |
| Ordering Code e.g. |                    | SGS510-S5-GG-L      SGS510Z-A07-CK-L-MG<br>SGS510-EN07-C-R-HAP      SGS510Z-S5-XG-R-MG-T<br>SGS510-P8-XN      SGS510Z-A20-B |



\* Refer to page 10 for button options. Refer to page 11 for post dimensions and MG-T post arrangement options.

Finishes : C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black), CS (Chrome Satin), GS (Gold Satin), BS (Black Satin) XN, (X-Nickel), XC (X-Chrome), XG (X-Gold)



# SG510 Series

FLAGSHIP

GOTOH Original Designed Middle Size Sealed Gear Machine Heads

## SGL510

Gear Ratio / 1:18

B (BLACK)-EN01



Standard Post

## SGL510Z

Gear Ratio / 1:21

GS (GOLD SATIN)-L5



Standard Post

## STRING POST VARIATIONS

GG (GOLD)-VL5



SGL510 MG-T 1:18

SGL510Z MG-T 1:21



B (BLACK)-L5



SGL510 HAP 1:18

SGL510Z HAP 1:21



CK (COSMO BLACK)-L5



SGL510 MG 1:18

SGL510Z MG 1:21



C (CHROME)-WL5



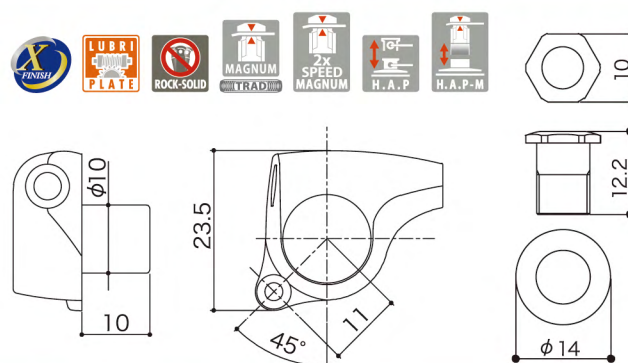
SGL510 HAP-M 1:18

SGL510Z HAP-M 1:21



## OTHER VARIATIONS & OPTIONS / DIMENSION

| Common Spec.       | Head Type          |                                                                                                                                                                       |
|--------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    | Standard Equipment | LUBRI-PLATE / ROCK-SOLID                                                                                                                                              |
|                    | String Post        | STANDARD. MG-T. MG. HAP. HAPM                                                                                                                                         |
|                    | Finishes           | C. GG. B. CK. CS. GS. BS. XN. XC. XG                                                                                                                                  |
|                    | Buttons            | REFER TO BUTTON OPTIONS ON PAGE 10.                                                                                                                                   |
| Gear ratio         |                    | SGL510 = 1 : 18      SGL510Z = 1 : 21                                                                                                                                 |
| Ordering Code e.g. |                    | <div>SGL510-L5-CK-HAP</div> <div>SGL510-A20-B</div> <div>SGL510-ML5-XN-MG-T</div> <div>SGL510Z-A01-CK</div> <div>SGL510Z-L5-XC-MG-T</div> <div>SGL510Z-P1-C-HAP</div> |



\* Refer to page 10 for button options. Refer to page 11 for post dimensions and MG-T post arrangement options.

Finishes : C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black), CS (Chrome Satin), GS (Gold Satin), BS (Black Satin) XN, (X-Nickel), XC (X-Chrome), XG (X-Gold)



# SG510 FLAGSHIP Series

GOTOH Original Designed Middle Size Sealed Gear Machine Heads

## SGV510

Gear Ratio / 1:18

CK (Cosmo Black)-GL5



Standard Post

## SGV510Z

Gear Ratio / 1:21

CS (CHROME SATIN)-L5



Standard Post

### STRING POST VARIATIONS

GG (GOLD)-A01



SGV510 MG-T 1:18

SGV510Z MG-T 1:21



CK (Cosmo Black)-A01



SGV510 HAP 1:18

SGV510Z HAP 1:21



C (CHROME)-CL5



SGV510 MG 1:18

SGV510Z MG 1:21



GG (GOLD)-WL5



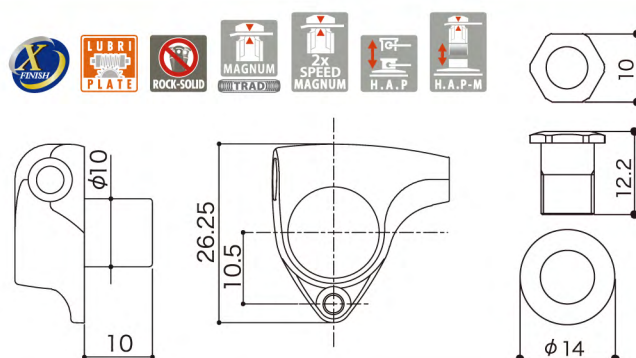
SGV510 HAP-M 1:18

SGV510Z HAP-M 1:21



### OTHER VARIATIONS & OPTIONS / DIMENSION

| Common Spec.       | Head Type          |                                                                                                                             |
|--------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------|
|                    | Standard Equipment | LUBRI-PLATE / ROCK-SOLID                                                                                                    |
|                    | String Post        | STANDARD. MG-T. MG. HAP. HAPM                                                                                               |
|                    | Finishes           | C. GG. B. CK. CS. GS. BS. XN. XC. XG                                                                                        |
|                    | Buttons            | REFER TO BUTTON OPTIONS ON PAGE 10.                                                                                         |
| Gear ratio         |                    | SGV510 = 1 : 18      SGV510Z = 1 : 21                                                                                       |
| Ordering Code e.g. |                    | SGV510-S5-GG-L      SGV510Z-A07-CK-L-MG<br>SGV510-EN07-C-R-HAP      SGV510Z-S5-XG-R-MG-T<br>SGV510-P8-XN      SGV510Z-A20-B |



\* Refer to page 10 for button options. Refer to page 11 for post dimensions and MG-T post arrangement options.

Finishes : C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black), CS (Chrome Satin), GS (Gold Satin), BS (Black Satin) XN, (X-Nickel), XC (X-Chrome), XG (X-Gold)



# SG510 FLAGSHIP Series

GOTOH Original Designed Baby Size Sealed Gear Machine Heads

Most compact Sealed Gear type



## SGi510

Gear Ratio / 1:16

GS (GOLD SATIN)-M07



Standard Post



C (CHROME)-P7



SG 510 MG 1:16



BS (BLACK SATIN)-RS5

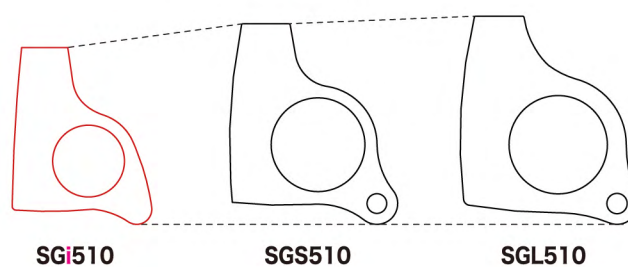


SG 510 UK 1:16

For Ukulele

|                    |                    |                                                             |
|--------------------|--------------------|-------------------------------------------------------------|
| Common Spec.       | Head Type          |                                                             |
|                    | Standard Equipment | LUBRI-PLATE / ROCK-SOLID                                    |
|                    | String Post        | STANDARD. MG. UK                                            |
|                    | Finishes           | C. GG. B. CK. CS. GS. BS. XN. XC. XG                        |
|                    | Buttons            | REFER TO BUTTON OPTIONS ON PAGE 10.                         |
| Gear ratio         |                    | 1 : 16                                                      |
| Ordering Code e.g. |                    | SGi510-S5-CK-L6<br>SGi510-A07-GG-MG<br>SGi510-EN07-XG-UK-L4 |

Body size comparison (Actual size)



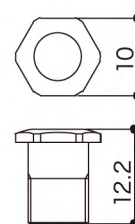
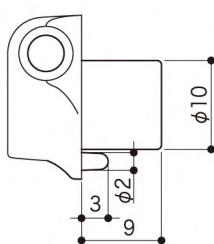
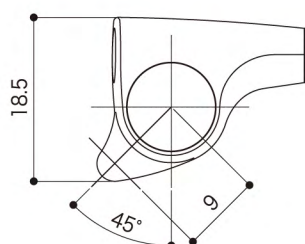
SGi510

SGS510

SGL510

## SGi510 Dimensions

Refer to page 11 for post option and dimensions.



\* Refer to page 10 for button options.

Finishes : C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black), CS (Chrome Satin), GS (Gold Satin), BS (Black Satin) XN, (X-Nickel), XC (X-Chrome), XG (X-Gold)



# SG510 Series

## Nature Mode Buttons

High quality wood and exceptional processing technology make it possible to manufacture GOTOH Nature Mode.

### CAREFULLY SELECTED RARE WOOD



\* Since rare natural wood is used, there are individual differences in grain. In addition, the supply may not be stable.  
\* Please note that we do not support the sale of individual button.

### SG510 SERIES BUTTON OPTION

#### SG510 Series

#### BUTTON OPTION

\* Buttons can be selected from the below. \* Zinc and Aluminum buttons are the same color as the body.

Common use  
for all types.



(actual size ratio : about 50%)



If you want a satin finish,  
you can't choose A01, A07, A20.

It is unsuitable  
for "6 inline."



(actual size ratio : about 50%)



\* Metal buttons have the same color as the body, but Satin Finish cannot be chose for aluminum buttons.  
The wood button uses a rare material, and there are individual differences in the grain of wood.

\* Please check our official website for the dimensional drawing of each button.



## SGS510(Z), SGL510(Z), SGV510(Z) Post Option & Dimensions

| STANDARD | MG | MG-T                                                                                                    | HAP<br>L3+R3 | HAP<br>L6 or R6                           | HAPM<br>L3+R3 | HAPM<br>L6 or R6                          |
|----------|----|---------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------|---------------|-------------------------------------------|
|          |    | <div> <div>SHORT</div> </div> <div> <div>LONG</div> </div> <div> <div>(OPTION)<br/>EX-LONG</div> </div> |              | <div>1ST / 2ST</div> <div>3ST ~ 6ST</div> |               | <div>1ST / 2ST</div> <div>3ST ~ 6ST</div> |

## SGi510 Post Option & Dimensions

| STANDARD                                                                                                               | MG | UK |
|------------------------------------------------------------------------------------------------------------------------|----|----|
|                                                                                                                        |    |    |
| <p>There are three types of post option for SGi510 : STANDARD, MG, and UK.<br/>UK post is recommended for ukulele.</p> |    |    |

**MG**=Magnum Lock, **MG-T**=Magnum Lock Trad, **HAP**=Height Adjustable Post, **HAPM**=Height Adjustable Post + Magnum Lock, **UK**=For Ukulele

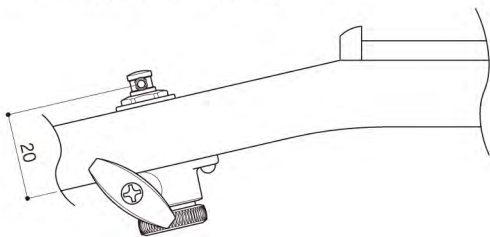
\* Refer to pages 03 to 04 for details on each post function.

## SG510 Series / SG Series Common MG-T Post Option & Dimensions

### MG-T Post Height Arrangement

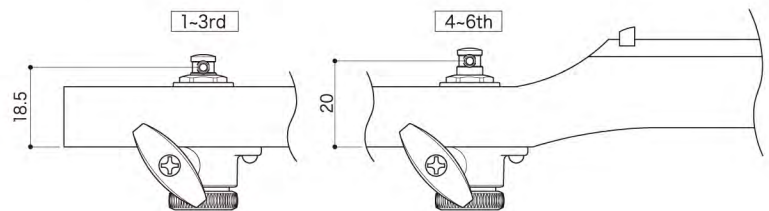
#### MG-T Standard Set L3 + R3

1~3rd : LONG SHAFT (20mm)  
4~6th : LONG SHAFT (20mm)

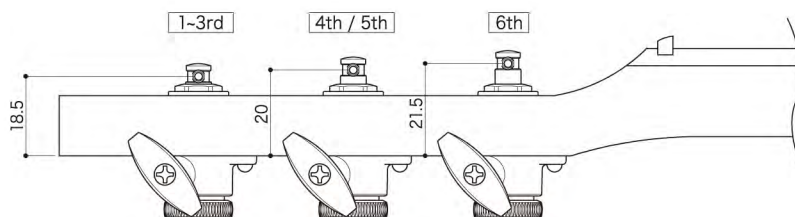


#### MG-T Standard Set 6-In-Line

1~3rd : SHORT SHAFT (18.5mm)  
4~6th : LONG SHAFT (20mm)



### MG-T Customization Example



**SHORT** **LONG** **OPTION EX-LONG**

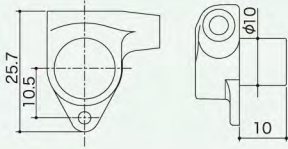
Magnum Lock-Trad string posts are available in three lengths that can be purchased in any combination to create staggered posts. Please make your choice when ordering.

\* The combination of MG-T post heights can be specified arbitrarily, but if not specified at the time of ordering, it will be shipped as a standard set.



### SG301

|             |                                                                                   |
|-------------|-----------------------------------------------------------------------------------|
| Head Type   |  |
| String Post | STANDARD, MG, HAP.<br>HAPM, MG-T                                                  |
| Finishes    | C. GG. B. CK                                                                      |
| Gear ratio  | 1 : 18                                                                            |



STANDARD  
(Gold)



MG-T  
(Chrome)

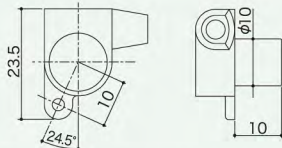


H.A.P-M  
(Cosmo Black)



### SG360

|             |                                                                                   |
|-------------|-----------------------------------------------------------------------------------|
| Head Type   |  |
| String Post | STANDARD, MG, HAP.<br>HAPM, MG-T                                                  |
| Finishes    | C. GG. B. CK                                                                      |
| Gear ratio  | 1 : 14                                                                            |



Magnum Lock  
(Black Chrome)



MG-T  
(Gold)

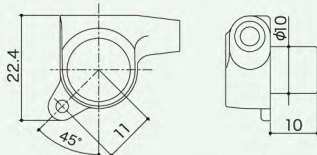


H.A.P  
(Chrome)



### SG381

|             |                                                                                     |
|-------------|-------------------------------------------------------------------------------------|
| Head Type   |  |
| String Post | STANDARD, MG, HAP.<br>HAPM, MG-T                                                    |
| Finishes    | C. GG. B. CK                                                                        |
| Gear ratio  | 1 : 16                                                                              |



STANDARD  
(Chrome)



MG-T  
(Cosmo Black)



H.A.P-M  
(Gold)



## SG Series

### BUTTON OPTION

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



AB07  
(Aluminum)



07  
(Zinc)



05  
(Zinc)



05PW  
(Plastic)



B07  
(Plastic)



P7  
(Plastic)



P8  
(Plastic)



P9  
(Plastic)



M07  
(Plastic)



EN07  
(Wood)



AB01  
(Aluminum)



01  
(Zinc)



AB20  
(Aluminum)



20  
(Zinc)



04  
(Zinc)



P4B  
(Plastic)



P4N  
(Plastic)



P1  
(Plastic)



P2  
(Plastic)



EN01  
(Wood)



B01  
(Plastic)



B20  
(Plastic)



M01  
(Plastic)

#### STANDARD

#### MG

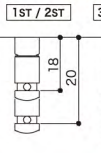
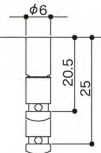
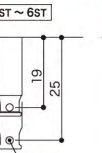
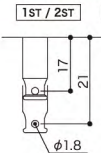
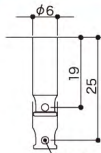
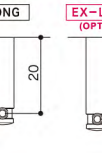
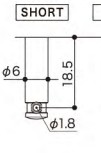
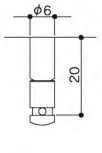
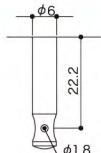
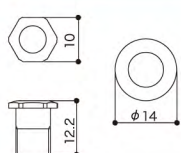
#### MG-T

#### HAP L3+R3

#### HAP L6 or R6

#### HAPM L3+R3

#### HAPM L6 or R6



\* Refer to page 11 for details of MG-T.

Ordering code : e.g. SG381-MG-05-GG-R. SG301-B07-C-L etc... (Model Name - String Post - Button - Finish - Array)

Finishes : C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black)



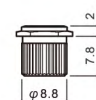
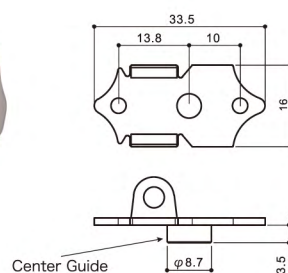
# SX510 SERIES

Electric and Acoustic Guitar Machine Heads

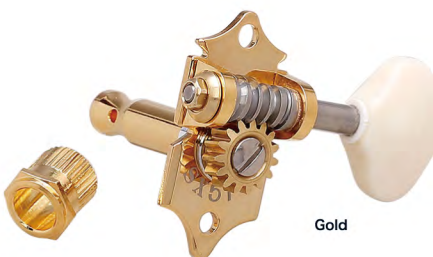
| SXB510            |                                                                                   |
|-------------------|-----------------------------------------------------------------------------------|
| Head Type         |  |
| String Post       | STANDARD (BRASS)                                                                  |
| Finishes          | N. C. GG. B. CK. XN. XC. XG                                                       |
| Gear Ratio        | 1 : 15                                                                            |
| Standard Featured | ROCK SOLID                                                                        |



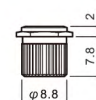
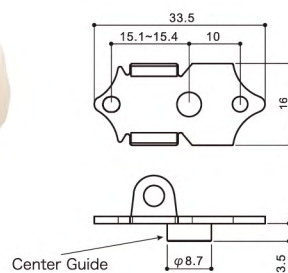
Nickel



| SXB510V           |                                                                                     |
|-------------------|-------------------------------------------------------------------------------------|
| Head Type         |  |
| String Post       | STANDARD (BRASS)                                                                    |
| Finishes          | N. C. GG. B. CK. XN. XC. XG                                                         |
| Gear Ratio        | 1 : 15                                                                              |
| Standard Featured | ROCK SOLID                                                                          |



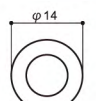
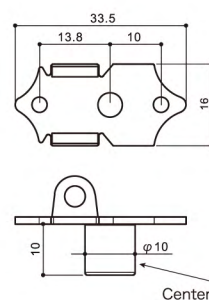
Gold



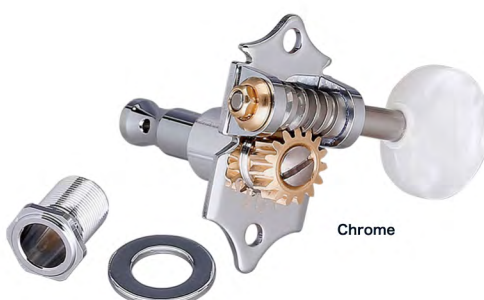
| SXN510            |                                                                                     |
|-------------------|-------------------------------------------------------------------------------------|
| Head Type         |  |
| String Post       | STANDARD (BRASS)                                                                    |
| Finishes          | N. C. GG. B. CK. XN. XC. XG                                                         |
| Gear Ratio        | 1 : 15                                                                              |
| Standard Featured | ROCK SOLID                                                                          |



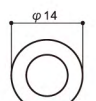
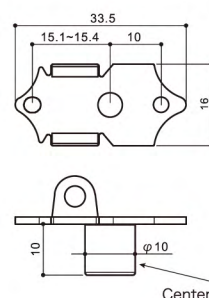
Cosmo Black



| SXN510V           |                                                                                     |
|-------------------|-------------------------------------------------------------------------------------|
| Head Type         |  |
| String Post       | STANDARD (BRASS)                                                                    |
| Finishes          | N. C. GG. B. CK. XN. XC. XG                                                         |
| Gear Ratio        | 1 : 15                                                                              |
| Standard Featured | ROCK SOLID                                                                          |



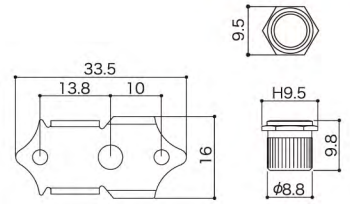
Chrome





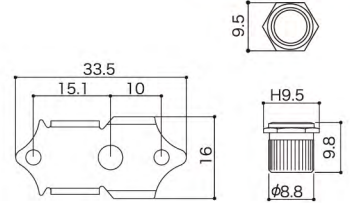
### SE700

|                   |                                                                                   |
|-------------------|-----------------------------------------------------------------------------------|
| Head Type         |  |
| String Post       | STANDARD                                                                          |
| Finishes          | N. C. GG. B. CK. XN. XC. XG                                                       |
| Gear Ratio        | 1 : 15                                                                            |
| Standard Featured | ROCK SOLID                                                                        |



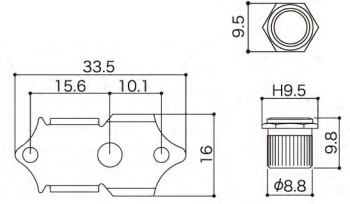
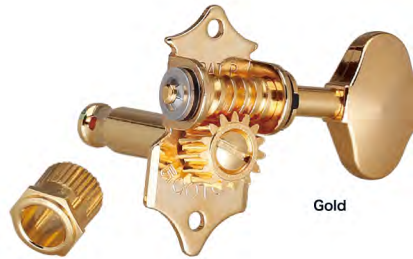
### SE770

|                   |                                                                                   |
|-------------------|-----------------------------------------------------------------------------------|
| Head Type         |  |
| String Post       | STANDARD                                                                          |
| Finishes          | N. C. GG. B. CK. XN. XC. XG                                                       |
| Gear Ratio        | 1 : 15                                                                            |
| Standard Featured | ROCK SOLID                                                                        |



### SE780

|                   |                                                                                   |
|-------------------|-----------------------------------------------------------------------------------|
| Head Type         |  |
| String Post       | STANDARD                                                                          |
| Finishes          | N. C. GG. B. CK. XN. XC. XG                                                       |
| Gear Ratio        | 1 : 15                                                                            |
| Standard Featured | ROCK SOLID                                                                        |



## FOR SLOTTED HEAD

### SEP700

### SEP770

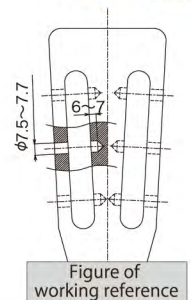
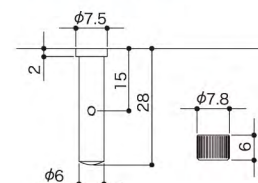
### SEP780

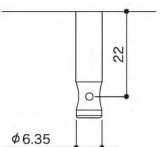
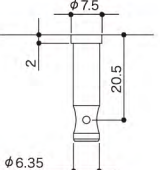
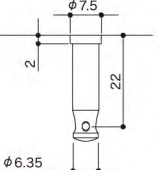
|                   |                             |
|-------------------|-----------------------------|
| Finishes          | N. C. GG. B. CK. XN. XC. XG |
| Gear ratio        | 1 : 15                      |
| Standard Featured | ROCK-SOLID                  |



#### J-700P

putting tool for bushing,  
an exclusive use for P-Post



| POST Dimension | SXB510 / SXB510V                                                                    | SXN510 / SXN510V | SE700                                                                                | SE770 / SE780                                                                         |
|----------------|-------------------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                |  |                  |  |  |

#### SX510 / SE Series BUTTON OPTION

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



Exclusive use  
L3+R3

The button of "Zinc" becomes  
the same color as body.



Ordering code : e.g. SXN510-06M-GG. SE780-M5-N etc... (Model Name - Button - Finish)



# SD510 SERIES

Electric and Acoustic Guitar Machine Heads

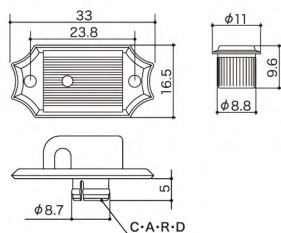
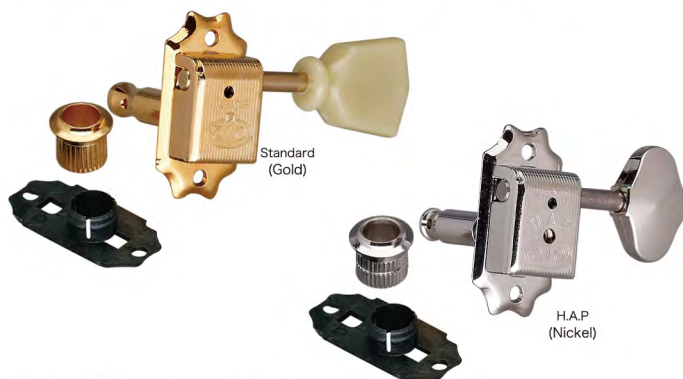
The SD510 series have "Rock-solid"™ technology and "C-A-R-D", found on enclosed gears in the base plate of the gear allowing the post to perfectly align itself with the bushing which attaches the gear to the headstock. The SD510 series uses a torque balancer to ensure steady rotation of the tuner button giving high quality sound performance as well as great functionality. Through it is use of the ideal materials selected for each component part you also obtain a far superior sound.

| SD510             |                                                                                   |
|-------------------|-----------------------------------------------------------------------------------|
| Head Type         |  |
| String Post       | STANDARD, MG, HAP, HAPM                                                           |
| Finishes          | N. GG. B. CK. XN. XC. XG                                                          |
| Gear ratio        | 1 : 15                                                                            |
| Standard Featured | LUBRI-PLATE. ROCK-SOLID C-A-R-D 3/3                                               |



\*BRASS STRING POST FOR ONLY STANDARD.

Standard specification of MG and H.A.P.M. on this model is DSL. (Refer to page 04.)

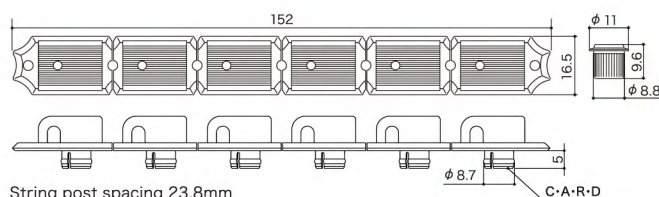


| SDS510            |                                                                                    |
|-------------------|------------------------------------------------------------------------------------|
| Head Type         |  |
| String Post       | STANDARD, MG, HAP, HAPM                                                            |
| Finishes          | N. GG. B. CK. XN. XC. XG                                                           |
| Gear ratio        | 1 : 15                                                                             |
| Standard Featured | LUBRI-PLATE. ROCK-SOLID C-A-R-D 6                                                  |



\*BRASS STRING POST FOR ONLY STANDARD.

Standard specification of MG and H.A.P.M. on this model is DSL. (Refer to page 04.)



Ordering code : e.g. SD510-MG-05M-CK. SDS510-HAPM-SL-XN-L etc... (Model Name - String Post - Button - Finish - Array)

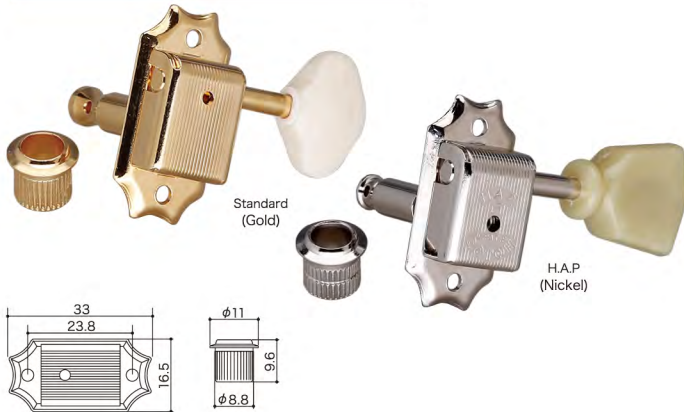
| SD510 & SD Series                                                                   |  | Common Button Option |  | Choose the button from listed below when order for machine head is placed. (actual size ratio : about 50%) |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------|--|----------------------|--|------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|
|  |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
| Common use for all types.                                                           |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
| The button of "Zinc" becomes the same color as body.                                |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |
|                                                                                     |  |                      |  |                                                                                                            |  |  |  |  |  |  |  |



### SD90



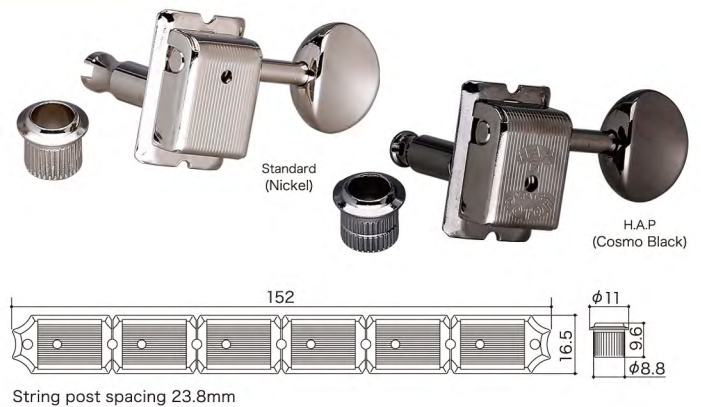
| Head Type         |                          |
|-------------------|--------------------------|
| String Post       | STANDARD, MG, HAP, HAPM  |
| Finishes          | N. GG. B. CK             |
| Gear ratio        | 1 : 15                   |
| Standard Featured | SD90-SLB<br>SD90-05M HAP |



### SD91



| Head Type         |                            |
|-------------------|----------------------------|
| String Post       | STANDARD, MG, HAP, HAPM    |
| Finishes          | N. GG. B. CK               |
| Gear ratio        | 1 : 15                     |
| Standard Featured | SD91-05M-L<br>SD91-SL-MG-R |



Finishes : N (Nickel), GG (Gold), B (Black Chrome), CK (Cosmo Black)

Ordering code : e.g. SD90-HAP-SL-N. SD91-MG-B5-GG-R etc...

| Post Dimensions | SD90 STANDARD | SD91 STANDARD | MG       | SD90 HAP         | SD91 HAP                                         | SD90 HAPM        | SD91 HAPM                                        |
|-----------------|---------------|---------------|----------|------------------|--------------------------------------------------|------------------|--------------------------------------------------|
|                 |               |               |          |                  |                                                  |                  |                                                  |
|                 | φ6.35<br>19.5 | φ6.35<br>24.6 | φ6<br>20 | φ6<br>17<br>24.5 | φ6<br>16<br>20.5<br>17<br>24.5<br>1~3rd<br>4~6th | φ6<br>18<br>21.5 | φ6<br>16.5<br>20<br>18<br>21.5<br>1~3rd<br>4~6th |

### WHAT'S C.A.R.D.?

SD510 / SDS510 is equipped standardly with C · A · R · D

#### C – Carbon Fiber

Made from a specially formulated carbon fiber composite resin, CARD is both lightweight and extremely durable.

#### A – Align Center

CARD features a centering guide molded into the base that insures correct string post positioning in relation to the tuner bushing.

#### R – Resonant

The high-density CARD material transfers string vibration to the instrument headstock more efficiently, improving sustain and harmonics.

#### D – Defend

The CARD base is .05 mm thicker than the inside cavity of the tuner cover and acts as a spacer to prevent damage to the headstock finish due from sharp metal edges and over-tightening of mounting screws.

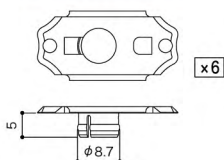
### C.A.R.D 3/3

for SD90 (6pcs/set)

Sold separately



C.A.R.D 3/3



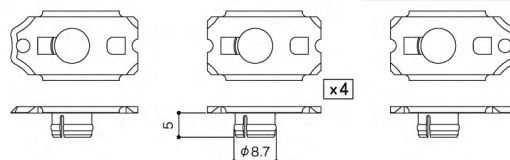
### C.A.R.D 6

for SD91 (6pcs/set)

Sold separately



C.A.R.D 6



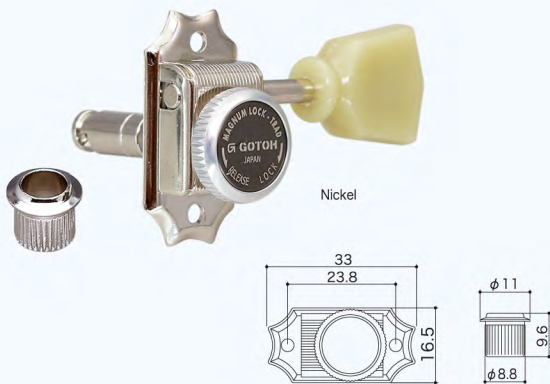


## SD Series Magnum Lock Trad - Thumb Screw Type

### SD90 MG-T



|            |              |
|------------|--------------|
| Head Type  |              |
| Finishes   | N. GG. B. CK |
| Gear ratio | 1 : 15       |



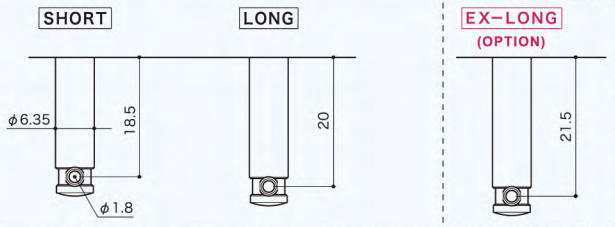
### SD91 MG-T



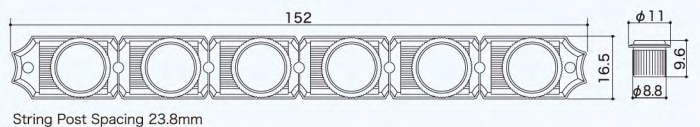
|            |              |
|------------|--------------|
| Head Type  |              |
| Finishes   | N. GG. B. CK |
| Gear ratio | 1 : 15       |



### MG-T Post Dimensions

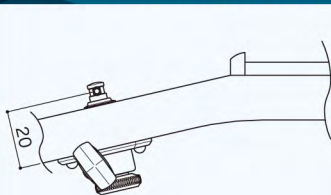


- \* In case of SD90 (L3+R3), LONG×3, LONG×3 **Fig1**
- \* In case of SD91 (L6 or R6), SHORT×3, LONG×3 **Fig2**
- \* As the example of an option, SHORT×3, LONG×2, EX-LONG×1 **Fig3**

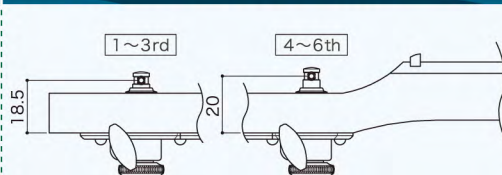


String Post Spacing 23.8mm

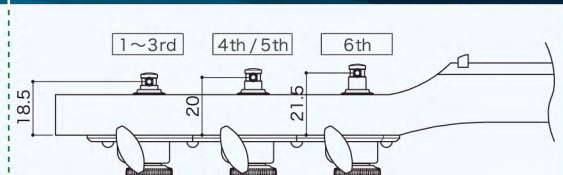
### MG-T Standard set L3+R3 **Fig1**



### MG-T Standard set 6-In-Line **Fig2**



### Example of an option set 6-In-Line **Fig3**



Magnum Lock-Trad string posts are available in three lengths that can be purchased in any combination to create staggered posts. Please make your choice when ordering.

### BUTTON OPTION

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



Common use for SD90 and SD91

The button of "Zinc" becomes the same color as body.



Finishes : N (Nickel), GG (Gold), B (Black Chrome), CK (Cosmo Black) **Ordering code : e.g.** SD90-MGT-SL-N. SD91-MGT-B5-GG-R etc.. (Model Name - Button - Finish - Array)



# Planetary Machine Heads For Banjo



A new concept in banjo tuners, developed with GOTOH's superior processing technology. With these ultra smooth tuners, precision tuning takes a quantum leap forward compared to previous products. In particular, the mechanism of the 5th string peg has been radically revised, solving all problems in past designs.

## SPBJ-4

|            |          |
|------------|----------|
| Finishes   | N. C. GG |
| Gear ratio | 1 : 4    |

## SPBJ-5

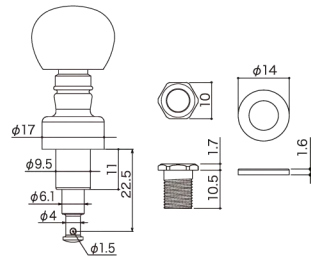
|            |          |
|------------|----------|
| Finishes   | N. C. GG |
| Gear ratio | 1 : 13   |

## SPBJ BUTTON OPTION

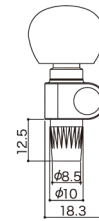
Choose the button from listed below when order for machine head is placed.  
(actual size ratio : about 50%)



Gold



Nickel



Finishes : N (Nickel), C (Chrome), GG (Gold)

Ordering code : e.g. SPBJ-4-AI-GG. SPBJ-5-PW-N etc... (Model Name - Button - Finish)

# Planetary Machine Heads For Ukulele



Experience smooth and stable tuning!  
With the 1:4 ratio planetary gear mechanism of the UPT/UPTL you can keep the classic look of traditional friction pegs without the slippage or need for tightening.

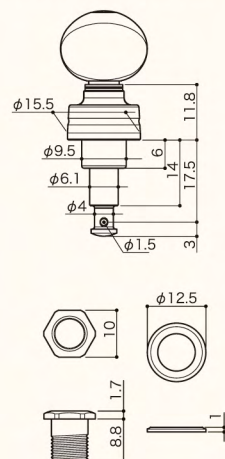
## UPT

|            |                                                                                                 |
|------------|-------------------------------------------------------------------------------------------------|
| Head Type  |  for Ukulele |
| Finishes   | CW. B. GG                                                                                       |
| Gear ratio | 1 : 4 PLANETARY GEAR                                                                            |



UPT  
(Chrome White)

For head thickness 10 to 12mm



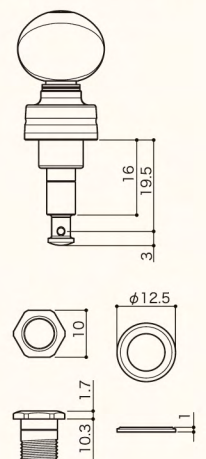
## UPTL

|            |                                                                                                  |
|------------|--------------------------------------------------------------------------------------------------|
| Head Type  |  for Ukulele |
| Finishes   | CW. B. GG                                                                                        |
| Gear ratio | 1 : 4 PLANETARY GEAR                                                                             |



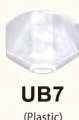
UPTL  
(Gold)

For head thickness 11.5 to 13.5mm



## UPT / UPTL BUTTON OPTION

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



Finishes : CW (Chrome White), B (Black Chrome), GG (Gold)

Ordering code : e.g. UPT-UB8-GG. UPTL-UB4B-N etc... (Model Name - Button - Finish)



# FOR UKULELE

## Machine Heads

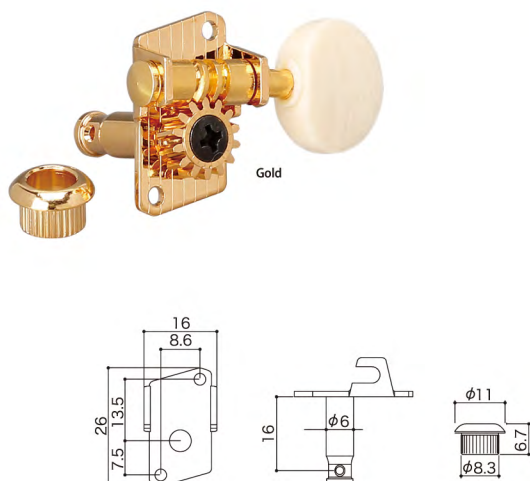


### UK12

|            |        |
|------------|--------|
| Finishes   | N. GG  |
| Gear ratio | 1 : 14 |

The ultra-light peg constructed using a unique aluminum alloy.

With a gear ratio of 1:14, tuning is very user-friendly. There's no fear of the peg rotating back during a performance and since it's ultra-light, problems of "neck-dive" are also eliminated.



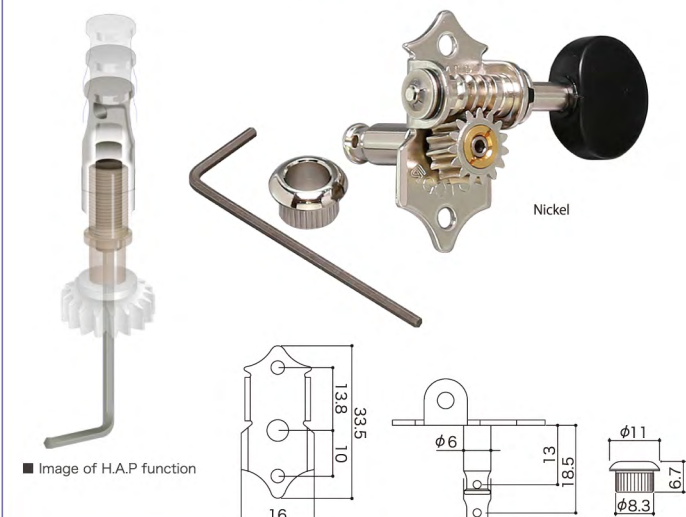
### UK700

|            |        |
|------------|--------|
| Finishes   | N. GG  |
| Gear ratio | 1 : 15 |

High performance pegs, with the H.A.P. system



The renowned H.A.P. system for guitar machine heads comes as standard. Height adjustable string post enables to change the string pressure. Pegs fit to 9-14mm thickness headstock.



#### UK12 / UK700 BUTTON OPTION

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



**05MA**  
(Plastic)



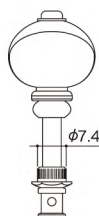
**B5**  
(Plastic)



**M5**  
(Plastic)

### UKB

|            |       |
|------------|-------|
| Finishes   | N. GG |
| Gear ratio | 1 : 1 |



Gold

#### UKB BUTTON OPTION

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



**W**  
(Plastic)



**B**  
(Plastic)

Finishes : N (Nickel), GG (Gold)

Ordering code : e.g. UK12-M5-GG-R. UK700-05MA-N. UKB-W-N etc... (Model Name - Button - Finish)



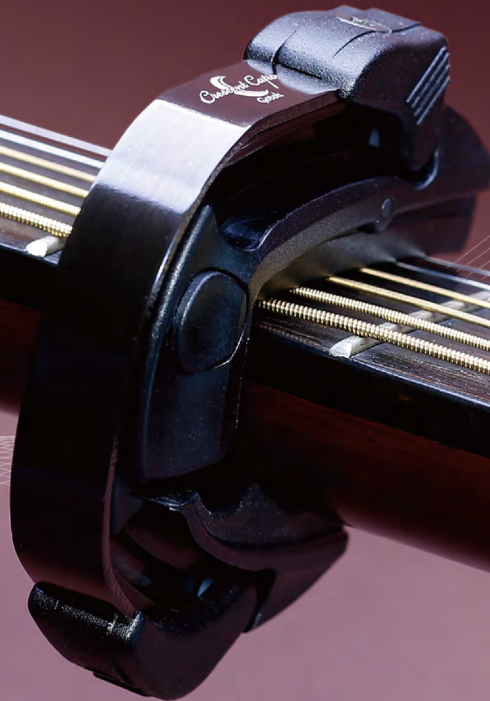
# Crescent Capo

Gotoh

PAT.P

A new concept capo  
with an original mechanism.

Unlike common "Spring-type" capos, it won't require much strength, even for women with less gripping power. With special processing onto the C-shape (Crescent type) plate spring (PAT.P), it has cleared ON-Off attachment / durability test way over 10,000 times. The initial feature can last long enough without deterioration of the spring function.



## CC-01B

Design ORIGINAL

Weight 39.8 GRAMS

**Dedicated for**  
6 Strings Acoustic Guitar  
6 Strings Electric Guitar



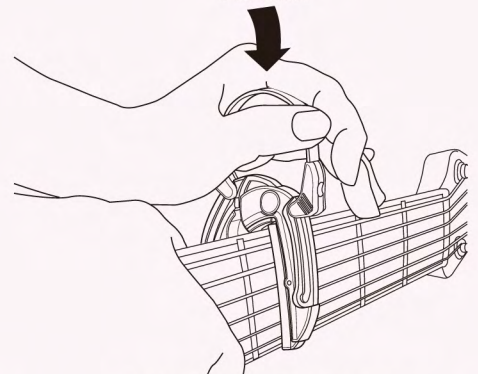
Slide the plate spring  
to open and close.



Video Instruction

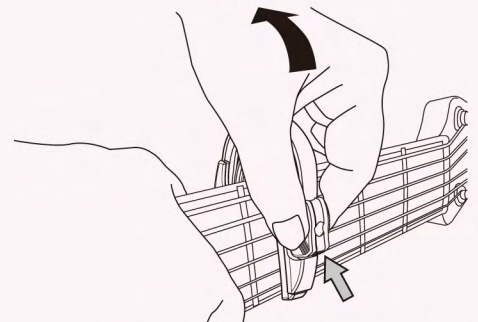


**Attach**



Push down the plate slowly by your palm.  
It is attached correctly when you have a  
click feeling.

**Detach**



Hold the tip of the plate with your thumb and  
index finger.  
Pull it up to slide carefully.



# 35G510 SERIES

Classic Guitar Machine Heads



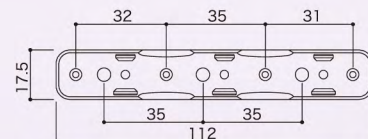
These parts are born from GOTOH's latest, state of the art manufacturing processes.

In order to breathe life into these parts and to build the finest machine heads in the world, they are exquisitely finished by skilled artisans, with absolutely no compromise. The work of craftsmen on each individual part has gained the classic machine heads of the 35G510 series, critical acclaim and trustworthiness in the eyes of musicians all over the world.

## 35G510AM

|                |                       |
|----------------|-----------------------|
| String Post    | 35G. 35AR. 35ARB. 35P |
| Finishes       | XN. XG. XCK           |
| Gear ratio     | 1 : 16                |
| Plate Material | HARD ALUMINUM         |

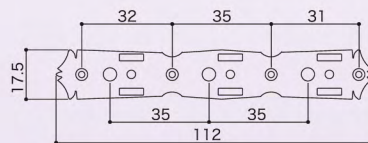
X-Cosmo Black



## 35G510MF

|                |                       |
|----------------|-----------------------|
| String Post    | 35G. 35AR. 35ARB. 35P |
| Finishes       | XN. XG. XCK           |
| Gear ratio     | 1 : 16                |
| Plate Material | BRASS                 |

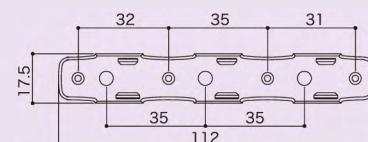
X-Nickel



## 35G510C

|                |                       |
|----------------|-----------------------|
| String Post    | 35G. 35AR. 35ARB. 35P |
| Finish         | GG                    |
| Gear ratio     | 1 : 16                |
| Plate Material | BRASS                 |

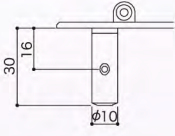
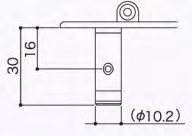
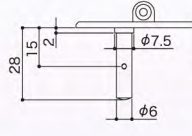
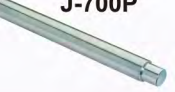
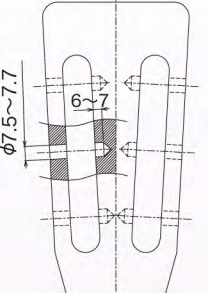
Gold



Ordering code : e.g. 35G510AM-KM-XG, 35ARB510C-EN etc... (Model Name - Button - Finish)



## - 35G510 Series Post Dimension -

| 35G<br>( Plastic )                                                                                                                                                  | 35AR<br>( Aluminum with Plastic roller )                                                                                                                                                                                                              | 35P<br>( Steel )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   |    |   <p>putting tool for bushing,<br/>an exclusive use for P-Post</p>    <p>Figure of working reference</p> |

### 35G510 Series Button Option

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



**M**  
(Real Mother of Pearl)



**BM**  
(Real Black Mother of Pearl)



**EN**  
(Wood)



**KB**  
(Plastic)



**KM**  
(Plastic)



**BB**  
(Plastic)



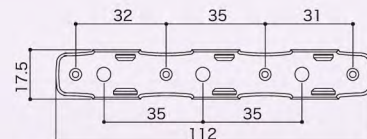
**P**  
(Plastic)

\* Please bear in mind that some conversion work to the guitar head may be necessary for fitting the "35P Rock-Solid". (Please refer to conversion reference)

### 35G510P

|                |                       |
|----------------|-----------------------|
| String Post    | 35G. 35AR. 35ARB. 35P |
| Finish         | GG                    |
| Gear ratio     | 1 : 16                |
| Plate Material | BRASS                 |

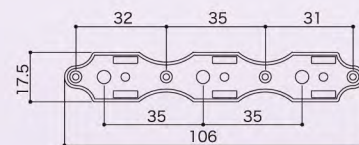
Gold



### 35G510QC

|                |                       |
|----------------|-----------------------|
| String Post    | 35G. 35AR. 35ARB. 35P |
| Finish         | MTG                   |
| Gear ratio     | 1 : 16                |
| Plate Material | BRASS                 |

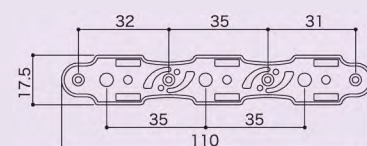
Mat Gold



### 35G510S

|                |                       |
|----------------|-----------------------|
| String Post    | 35G. 35AR. 35ARB. 35P |
| Finishes       | N. CK. XN. XG         |
| Gear ratio     | 1 : 16                |
| Plate Material | BRASS                 |

Nickel



Finishes : N (Nickel), GG (Gold), CK (Cosmo Black), MTG (Mat Gold), XN (X-Nickel), XG (X-Gold), XCK (X-Cosmo Black)



\* Please bear in mind that some conversion work to the guitar head may be necessary for fitting the "35P Rock-Solid". (Please refer to conversion reference)

### 40G2000

#### String Post

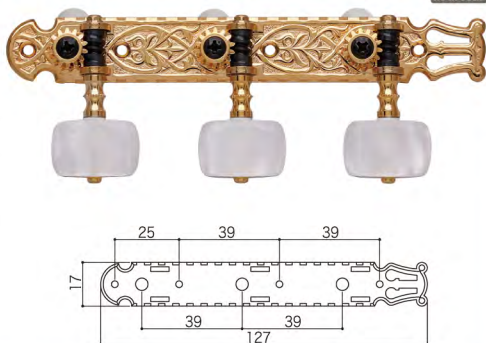
40G, 40AR, 40ARB, 40P

#### Finish

GG

#### Gear ratio

1 : 14



### 35G3600C

#### String Post

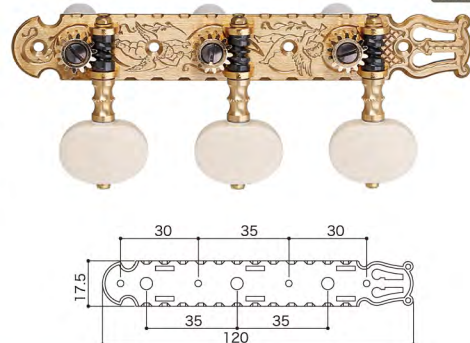
35G, 35AR, 35ARB, 35P

#### Finish

SB

#### Gear ratio

1 : 14



### 35G1800

#### String Post

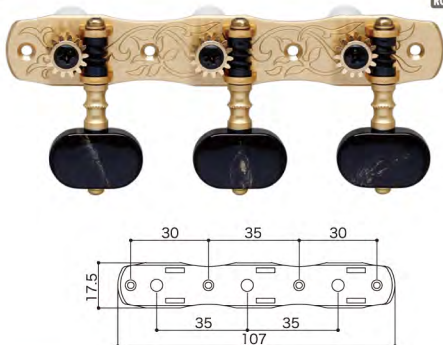
35G, 35AR, 35ARB, 35P

#### Finish

SB

#### Gear ratio

1 : 14



### 35G1600

#### String Post

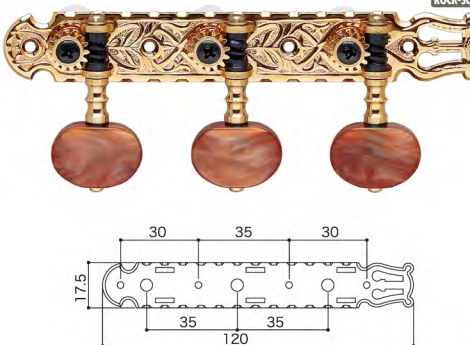
35G, 35AR, 35ARB, 35P

#### Finish

GG

#### Gear ratio

1 : 14



### 35G620

#### String Post

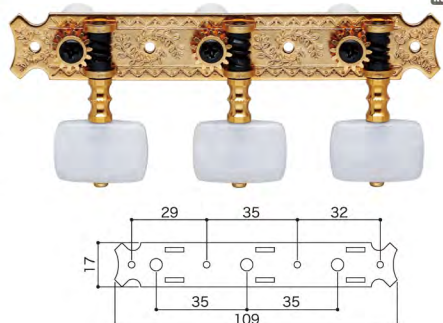
35G, 35P

#### Finish

GG

#### Gear ratio

1 : 14

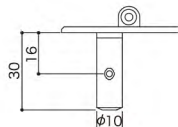


### - 35G Series Post Dimensions -

<35G620 is 35G, 35P only>

#### 35G / 40G

( Plastic )



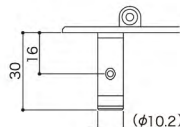
#### 35AR / 35ARB / 40AR / 40ARB

( Aluminum with Plastic roller )



AR

ARB



#### 35P / 40P

( Steel )

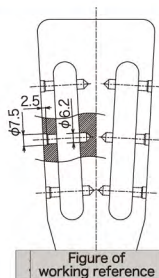
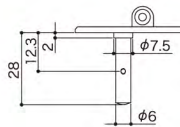


Figure of working reference

### 35G Series Button Option

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



1W  
(Plastic)



1R  
(Plastic)



2W  
(Plastic)



2R  
(Plastic)



2M  
(Plastic)



BB  
(Plastic)



EN  
(Wood)



EW  
(Plastic)



EI  
(Plastic)

Finishes : SB (Solid Brass), GG (Gold)

Ordering code : e.g. 40G2000-BB-GG, 35P620-2R-GG etc... (Model Name - Button - Finish)

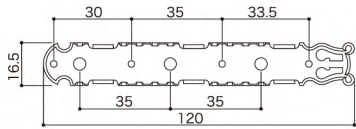


35G450

String Post  
35G, 35P

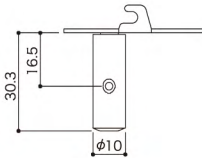
Finishes  
FG, N

Gear ratio  
1 : 14

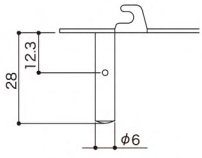


35G450 Post Dimensions

35G



35P



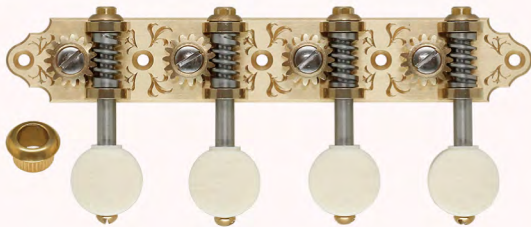
MANDOLIN  
510 SERIES

Mandolin Machine Heads

MA510

Finishe  
SOLID BRASS

Gear ratio  
1 : 15



MA510R

Finishe  
SOLID BRASS

Gear ratio  
1 : 15



(REVERSE GEARING)

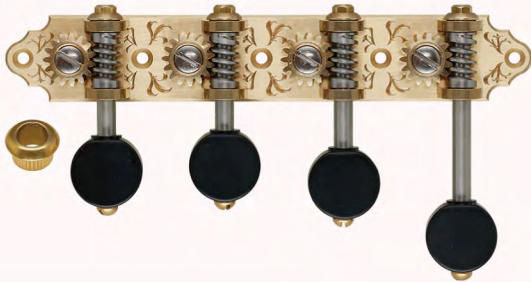


\* Minimum production  
for 30 sets per color is required.

MF510

Finishe  
SOLID BRASS

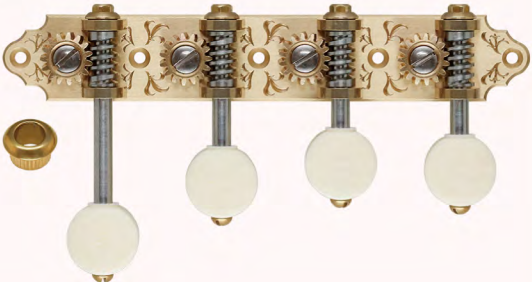
Gear ratio  
1 : 15



MF510R

Finishe  
SOLID BRASS

Gear ratio  
1 : 15



(REVERSE GEARING)

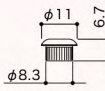
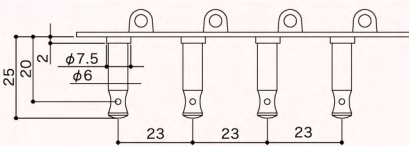
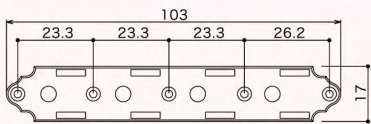


\* Minimum production  
for 30 sets per color is required.

Mandolin 510 Dimension & Button Option

for MA510, MA510R, MF510, MF510R

Choose the button from listed below when order for  
machine head is placed.



MB

MM

(actual size ratio : about 50%)

Ordering code : e.g. MA510-MM, MF510R-MB etc... (Model Name - Button)



# Mandolin Machine Heads

Regular Series

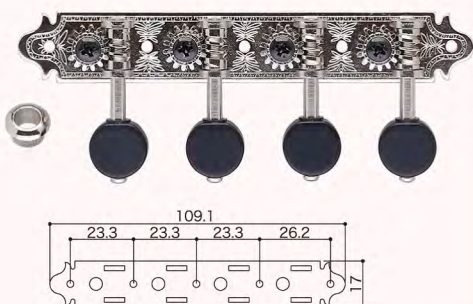
## MA40

### Finishes

N. GG

### Gear ratio

1 : 14



## MA40R

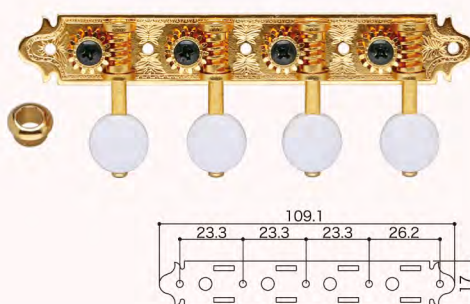
### Finishes

N. GG

### Gear ratio

1 : 14

REVERSE GEARING



\* Minimum production for 30 sets per color is required.

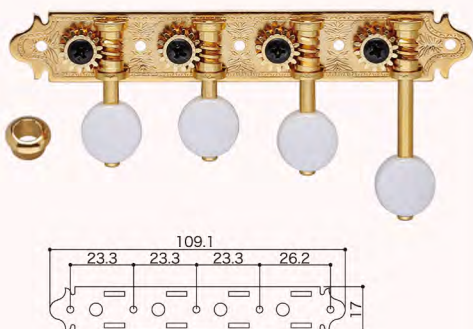
## MF40

### Finishes

N. GG

### Gear ratio

1 : 14



## MF40R

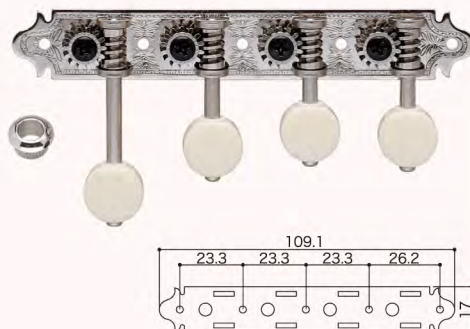
### Finishes

N. GG

### Gear ratio

1 : 14

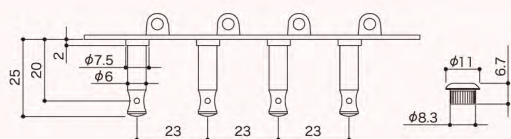
REVERSE GEARING



\* Minimum production for 30 sets per color is required.

### Post Dimension

for MA40, MA40R, MF40, MF40R



### MA40/MF40 BUTTON OPTION

Choose the button from listed below when order for machine head is placed.

(actual size ratio : about 50%)



MW



MB



MM

Ordering code : e.g. MA40-MB-GG, MF40-MM-N etc... (Model Name - Button - Finish)

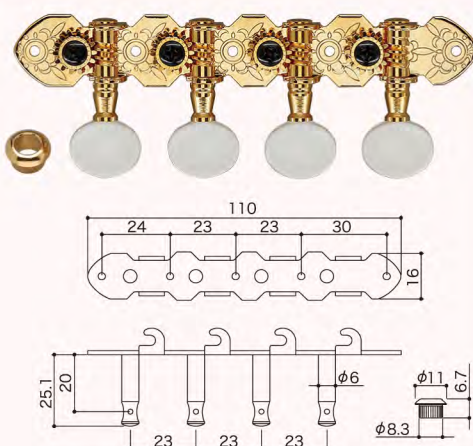
## M120

### Finishes

N. GG

### Gear ratio

1 : 14



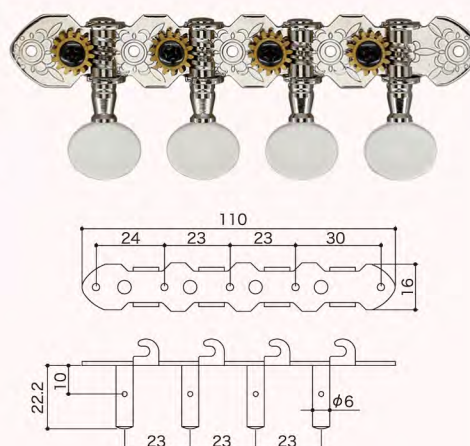
## M120S

### Finishes

N. GG

### Gear ratio

1 : 14



Finishes : N (Nickel), GG (Gold)

Ordering code : e.g. M120-GG, M120S-N etc... (Model Name - Finish)

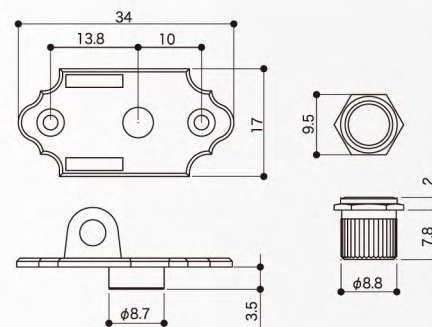


# CARBON-O-LITE Series

## CXB-01

|                   |                                                                                   |
|-------------------|-----------------------------------------------------------------------------------|
| Head Type         |  |
| String Post       | STANDARD (BRASS)                                                                  |
| Gear Ratio        | 1 : 15                                                                            |
| Standard Featured | CARBON PLATE / ROCK SOLID                                                         |
| Weight            | 17.5 GRAMS / PC                                                                   |

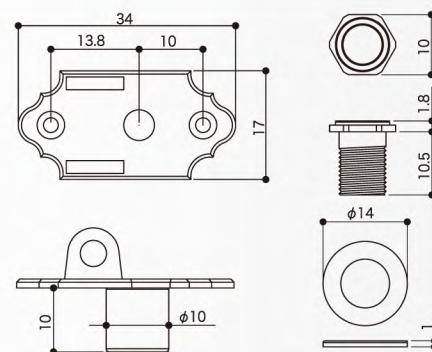
\* Weight Excludes Bushing.



## CXN-01

|                   |                                                                                   |
|-------------------|-----------------------------------------------------------------------------------|
| Head Type         |  |
| String Post       | STANDARD (BRASS)                                                                  |
| Gear Ratio        | 1 : 15                                                                            |
| Standard Featured | CARBON PLATE / ROCK SOLID                                                         |
| Weight            | 18.1 GRAMS / PC                                                                   |

\* Weight Excludes Nut and Washer.



## CXB / CXN BUTTON OPTION

The button can be selected from the list on the right.  
(Actual size ratio: about 50%)



SLB

(Plastic)



B5

(Plastic)



M5

(Plastic)



P5W

(Plastic)



P5R

(Plastic)



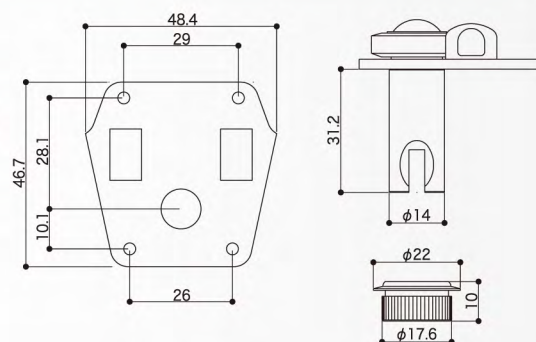
M6

(Plastic)

## CBT-01

|                   |                                                                                     |
|-------------------|-------------------------------------------------------------------------------------|
| Head Type         |  |
| String Post       | STANDARD (ALUMINUM)                                                                 |
| Gear Ratio        | 1 : 28                                                                              |
| Standard Featured | CARBON PLATE / CARBON KNOB                                                          |
| Weight            | 35.3 GRAMS / PC                                                                     |

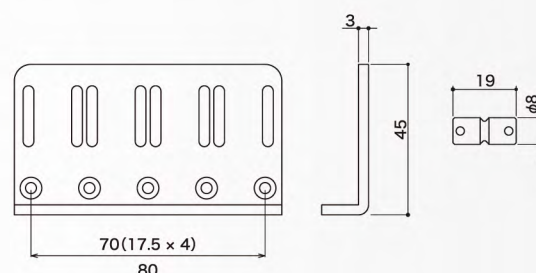
\* Weight Excludes Bushing.



## CBB-4

|                 |                 |
|-----------------|-----------------|
| Plate Material  | CARBON PLATE    |
| Saddle Material | TITANIUM        |
| String Spacing  | 19MM            |
| Weight          | 46.4 GRAMS / PC |

\* Weight Excludes Mount Screws.





## Bass Machine Heads

### GRL510C-9

RES-O-LITE

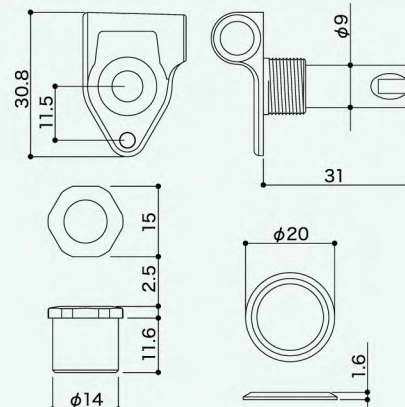
NEW

|            |                          |
|------------|--------------------------|
| Head Type  |                          |
| Finishes   | C, GG, B, CK, XN, XC, XG |
| Gear ratio | 1 : 20                   |
| Weight     | 36.3 GRAMS / PC          |

COMPATIBLE WITH 14.5MM HEADSTOCK HOLE.



Cosmo Black



### GRL510C-12

RES-O-LITE

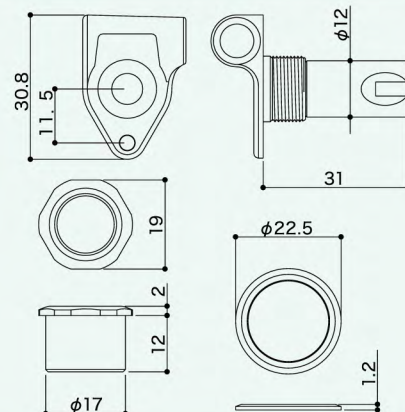
NEW

|            |                          |
|------------|--------------------------|
| Head Type  |                          |
| Finishes   | C, GG, B, CK, XN, XC, XG |
| Gear ratio | 1 : 20                   |
| Weight     | 44.3 GRAMS / PC          |

COMPATIBLE WITH 17.5MM HEADSTOCK HOLE.



Gold



### GRL510M-9

RES-O-LITE

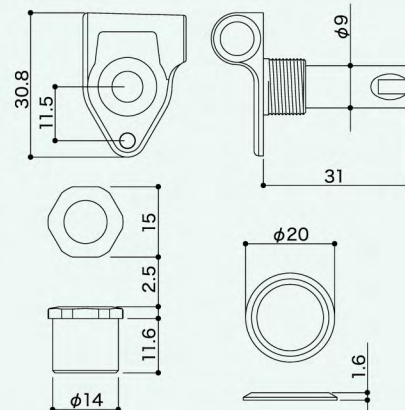
NEW

|            |                          |
|------------|--------------------------|
| Head Type  |                          |
| Finishes   | C, GG, B, CK, XN, XC, XG |
| Gear ratio | 1 : 20                   |
| Weight     | 45.3 GRAMS / PC          |

COMPATIBLE WITH 14.5MM HEADSTOCK HOLE.



Black



### GRL510M-12

RES-O-LITE

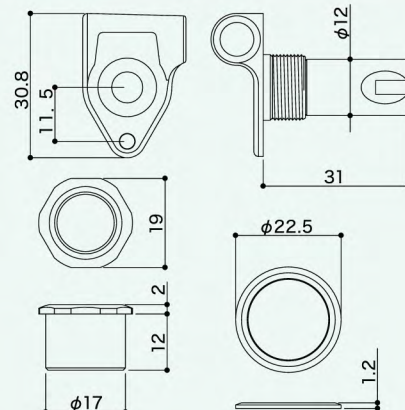
NEW

|            |                          |
|------------|--------------------------|
| Head Type  |                          |
| Finishes   | C, GG, B, CK, XN, XC, XG |
| Gear ratio | 1 : 20                   |
| Weight     | 53.3 GRAMS / PC          |

COMPATIBLE WITH 17.5MM HEADSTOCK HOLE.



Chrome



Finishes : N (Nickel), C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black), XN (X-Nickel), XC (X-Chrome), XG (X-Gold)

Ordering code : e.g. GRL510C-9-XG-L5, GRL510C-12-CK-L3R2 etc... (Model Name - Finish - Array)



# GBU510 SERIES

## Compact Open Gear Bass Tuner

### Bass Machine Heads

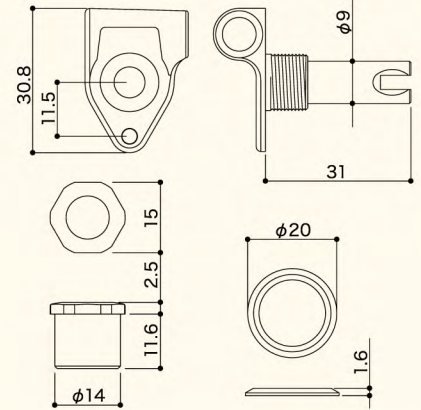
#### GBU510C-9

|            |                          |
|------------|--------------------------|
| Head Type  |                          |
| Finishes   | C, GG, B, CK, XN, XC, XG |
| Gear ratio | 1 : 20                   |
| Weight     | 62.1 GRAMS / PC          |

COMPATIBLE WITH 14.5MM HEADSTOCK HOLE.



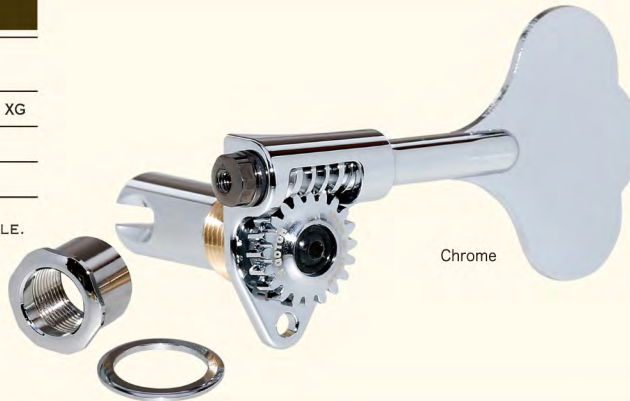
Gold



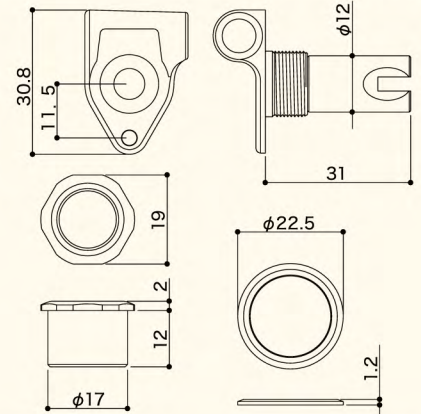
#### GBU510C-12

|            |                          |
|------------|--------------------------|
| Head Type  |                          |
| Finishes   | C, GG, B, CK, XN, XC, XG |
| Gear ratio | 1 : 20                   |
| Weight     | 78.3 GRAMS / PC          |

COMPATIBLE WITH 17.5MM HEADSTOCK HOLE.



Chrome



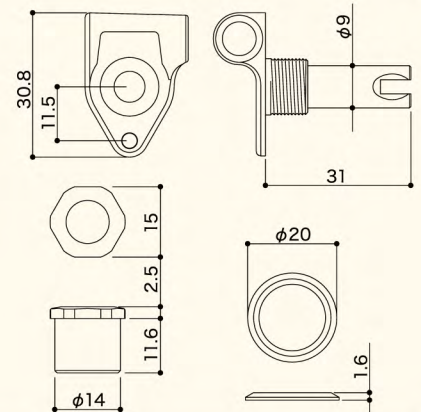
#### GBU510M-9

|            |                          |
|------------|--------------------------|
| Head Type  |                          |
| Finishes   | C, GG, B, CK, XN, XC, XG |
| Gear ratio | 1 : 20                   |
| Weight     | 63.9 GRAMS / PC          |

COMPATIBLE WITH 14.5MM HEADSTOCK HOLE.



Chrome



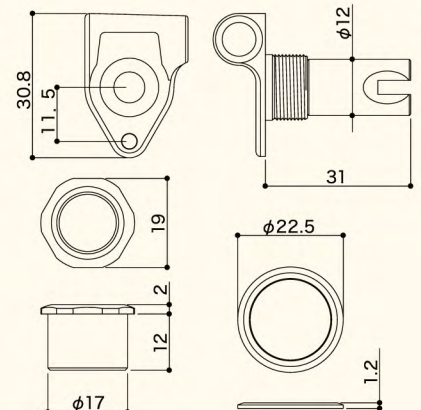
#### GBU510M-12

|            |                          |
|------------|--------------------------|
| Head Type  |                          |
| Finishes   | C, GG, B, CK, XN, XC, XG |
| Gear ratio | 1 : 20                   |
| Weight     | 75.2 GRAMS / PC          |

COMPATIBLE WITH 17.5MM HEADSTOCK HOLE.



Black



Finishes : C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black), XN (X-Nickel), XC (X-Chrome), XG (X-Gold)

Ordering code : e.g. GUB510M-9-XG-L4, GUB510M-12-CK-L2R2 etc... (Model Name - Finish - Array)



# Super lightweight bass machine heads.

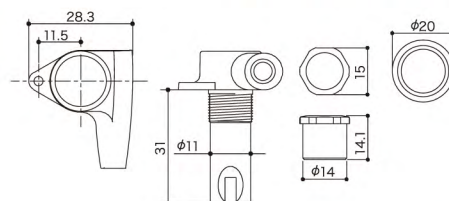
Bass guitars have weighty machine heads and by their very nature have always suffered from "neck-dive". With the advent of 5 and 6 string basses, this tendency became still more acute, making long sessions uncomfortable for the musician. The RES-O-LITE series was developed to solve this problem. By chiefly using the special alloy "duralumin", excellent weight savings are achieved. By use of the Rock-Solid mechanism the GB350 transmits string movement more powerfully, whilst retaining tuning and giving a smooth winding experience.

| GB350 RES-O-LITE  |                                                                                   |
|-------------------|-----------------------------------------------------------------------------------|
| Head Type         |  |
| Finishes          | C. GG. B. CK. XN. XC. XG                                                          |
| Gear ratio        | 1 : 20                                                                            |
| Weight            | 31.3 GRAMS / PC                                                                   |
| Standard Features | LUBRI-PLATE. ROCK-SOLID                                                           |

ALUMINUM SHAFT, WORM AND GEAR  
PLASTIC BUTTON (PLATED)  
WORLD DESIGN PAT.



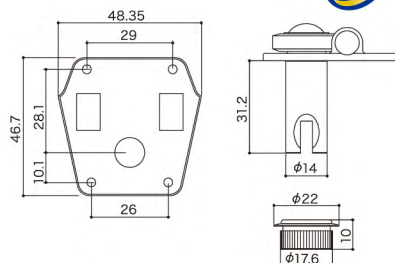
Gold



| GB640 RES-O-LITE |                                                                                   |
|------------------|-----------------------------------------------------------------------------------|
| Head Type        |  |
| Finishes         | N. GG. B. CK. XN. XC. XG                                                          |
| Gear ratio       | 1 : 28                                                                            |
| Weight           | 61.8 GRAMS / PC                                                                   |

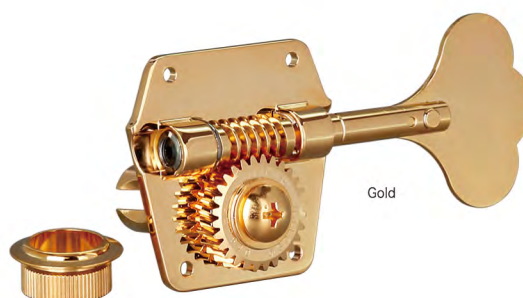


Cosmo Black

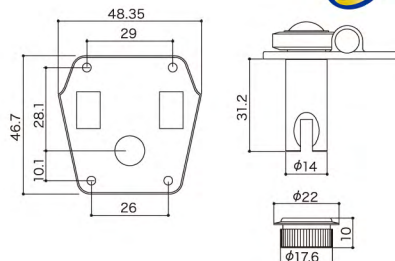


| GBR640 RES-O-LITE |                                                                                     |
|-------------------|-------------------------------------------------------------------------------------|
| Head Type         |  |
| Finishes          | N. GG. B. CK. XN. XC. XG                                                            |
| Gear ratio        | 1 : 28                                                                              |
| Weight            | 61.8 GRAMS / PC                                                                     |

REVERSE WIND



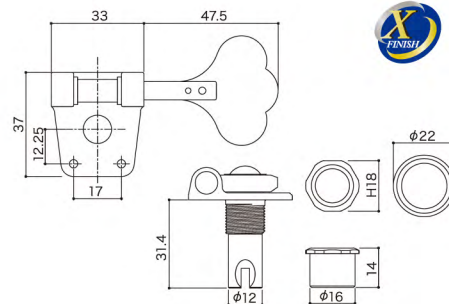
Gold



| GB528 RES-O-LITE |                                                                                     |
|------------------|-------------------------------------------------------------------------------------|
| Head Type        |  |
| Finishes         | N. GG. B. CK. XN. XC. XG                                                            |
| Gear ratio       | 1 : 26                                                                              |
| Weight           | 48.4 GRAMS / PC                                                                     |



Nickel

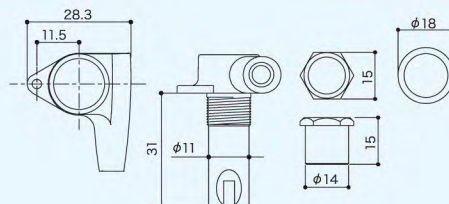


| GB707             |                                                                                     |
|-------------------|-------------------------------------------------------------------------------------|
| Head Type         |  |
| Finishes          | C. GG. B. CK                                                                        |
| Gear ratio        | 1 : 20                                                                              |
| Weight            | 60.2 GRAMS / PC                                                                     |
| Standard Features | LUBRI-COAT. ROCK-SOLID                                                              |

WORLD DESIGN PAT.



Chrome



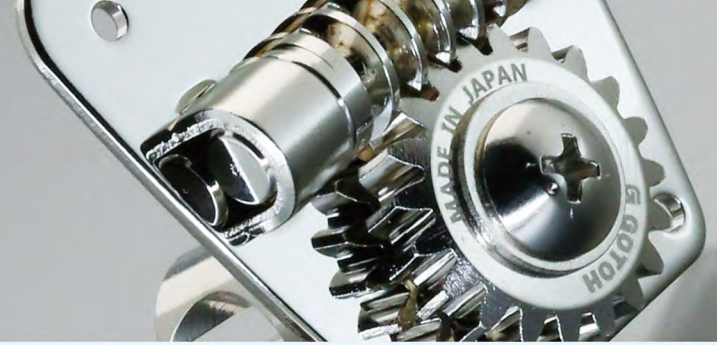
Finishes : N (Nickel), C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black), XN (X-Nickel), XC (X-Chrome), XG (X-Gold)

Ordering code : e.g. GB350-GG-L, GB528-XC-R etc... (Model Name - Finish - Array)



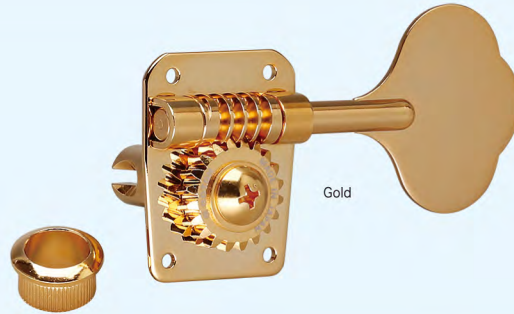
# BASS Machine Heads

## Regular Series

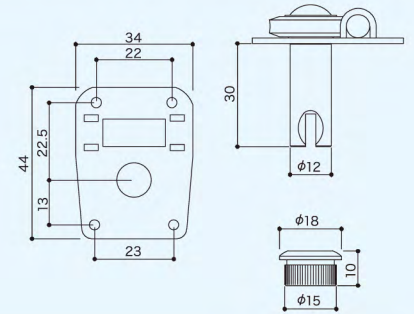


### GB10

|                   |                          |
|-------------------|--------------------------|
| Head Type         |                          |
| Finishes          | N. GG. B. CK             |
| Gear ratio        | 1 : 20                   |
| Weight            | 88.3 GRAMS / PC          |
| Standard Features | INNER FRICTION FREE RING |

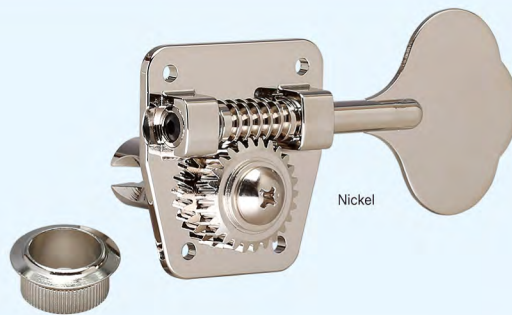


Gold

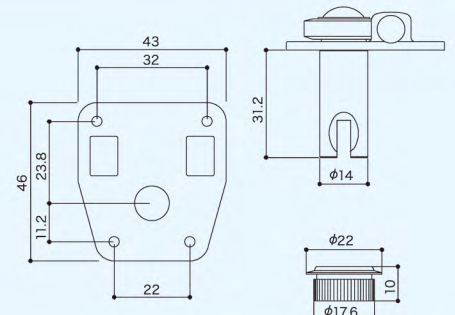


### GB2

|            |                  |
|------------|------------------|
| Head Type  |                  |
| Finishes   | N. GG. B. CK     |
| Gear ratio | 1 : 26           |
| Weight     | 110.2 GRAMS / PC |



Nickel



### GB11W

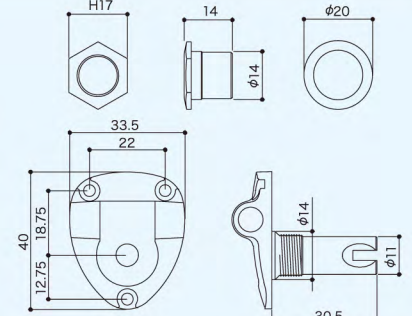
|            |                 |
|------------|-----------------|
| Head Type  |                 |
| Finishes   | C. GG. B. CK    |
| Gear ratio | 1 : 20          |
| Weight     | 78.6 GRAMS / PC |

\*This product will be discontinued when stock ends.



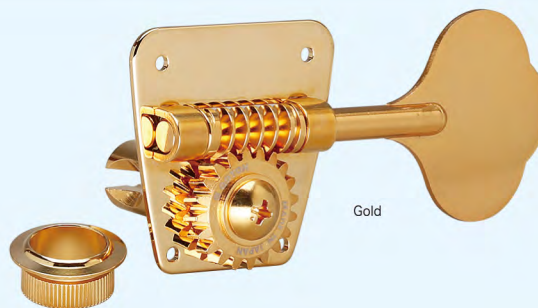
Discontinued

Cosmo Black

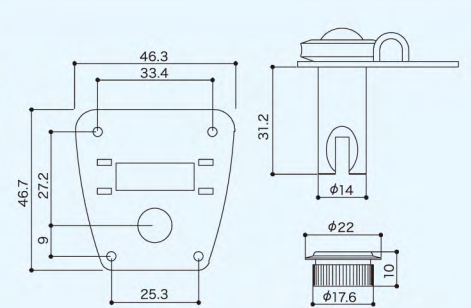


### FB30

|                   |                          |
|-------------------|--------------------------|
| Head Type         |                          |
| Finishes          | N. GG. B. CK             |
| Gear ratio        | 1 : 20                   |
| Weight            | 104.2 GRAMS / PC         |
| Standard Features | INNER FRICTION FREE RING |

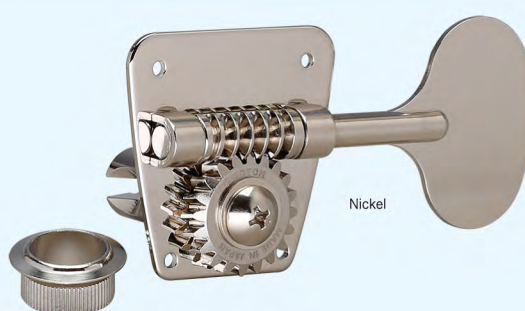


Gold

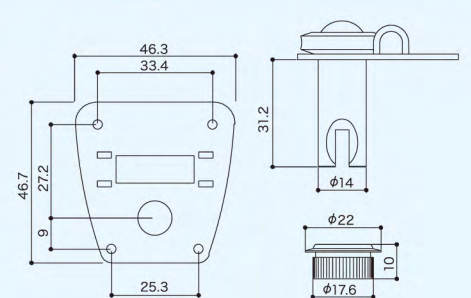


### FB30LP

|                   |                          |
|-------------------|--------------------------|
| Head Type         |                          |
| Finishes          | N. GG. B. CK             |
| Gear ratio        | 1 : 20                   |
| Weight            | 104.0 GRAMS / PC         |
| Standard Features | INNER FRICTION FREE RING |



Nickel



Finishes : N (Nickel), C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black)

Ordering code : e.g. GB30LP-N-L, GB11W-CK-R etc... (Model Name - Finish - Array)



# The Premium Line KO-GA

KO-GA is a traditional Japanese term meaning outstanding elegance.

We carefully reviewed the structure of traditional classical tuners and designed a new bearing structure which achieves greater concentricity and enhances durability.

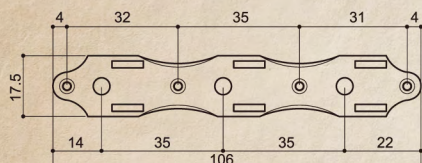
The KG01-CA also takes advantage of a unique carbon material pattern to become a new concept, a neo-classical tuner. And we pleased to announce new single style machine head KG02 series. KG02-C will fit to various string post spacing of classical guitars. KO-GA is the beginning of a new era of outstanding guitar hardware, unconstrained by the limits of convention.





**KG01-CA**

|                |                              |
|----------------|------------------------------|
| String Post    | ALUMINUM & CARBON TUBE SHAFT |
| Finishes       | XG. XCK                      |
| Gear ratio     | 1 : 16                       |
| Weight         | 55.2 GRAMS / PC(ONE SIDE)    |
| Plate Material | CARBON FIBER                 |



X-Gold

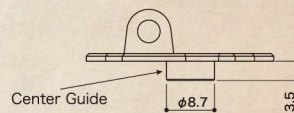
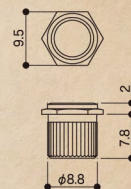
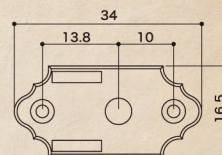
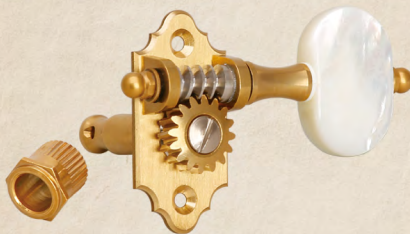


X-Cosmo Black

Finishes : XCK (X-Cosmo Black), XG (X-Gold)

**KG02-B**

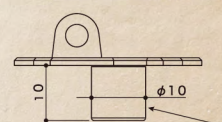
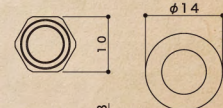
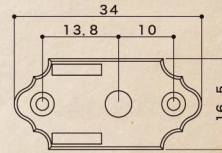
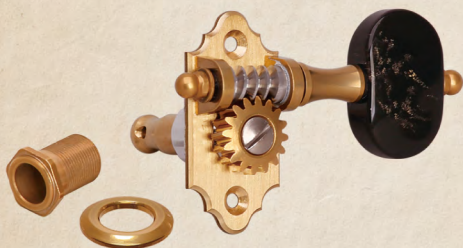
|                |                           |
|----------------|---------------------------|
| String Post    | BUSHING TYPE (BRASS POST) |
| Gear ratio     | 1 : 16                    |
| Weight         | 28.1 GRAMS / PC           |
| Plate Material | BRASS (HAIRLINE FINISH)   |



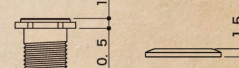
Center Guide

**KG02-N**

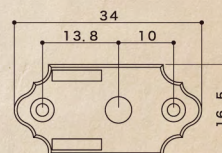
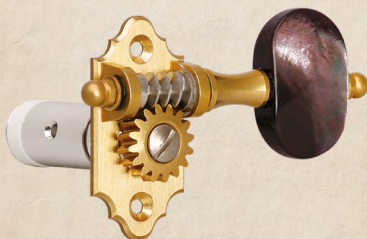
|                |                         |
|----------------|-------------------------|
| String Post    | NUT TYPE (BRASS POST)   |
| Gear ratio     | 1 : 16                  |
| Weight         | 27.9 GRAMS / PC         |
| Plate Material | BRASS (HAIRLINE FINISH) |



Center Guide Nut

**KG02-C**

|                |                               |
|----------------|-------------------------------|
| String Post    | ALUMINUM FOR CLASSICAL GUITAR |
| Gear ratio     | 1 : 16                        |
| Weight         | 26.5 GRAMS / PC               |
| Plate Material | BRASS (HAIRLINE FINISH)       |

**KO-GA Common Button Options & Dimension****KG01-CA****KG02-B / KG02-N****KG02-C****M**

(Real Mother of Pearl)

**BM**

(Real Black Mother of Pearl)

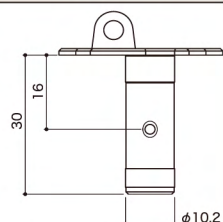
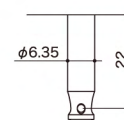
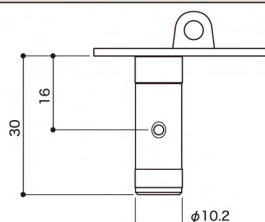
**BB**

(Plastic)

**EN**

(Wood)

(Actual size ratio : about 60%)



Ordering code : e.g. KG01-CA-BM-XCK, KG02-N-BB etc... (Model name - Button - Finish)



# TREMOLO 510 SERIES

- Regular Spacing -

510T series does not follow conventional vintage style, but instead pursues the goal of greater tremolo functionality. It has a low clearance arm system of our own design. To guarantee a strong and hard-wearing tremolo blade, extremely resilient chromium molybdenum steel was adopted for the plate. It's finished with high-grade heat treatment and precision machining. There are a 6 pivot point type, the same as the synchronized style and a 2 pivot point anchor nut type, which incorporates stud lock (PAT.)\* In addition, GOTOH's original FST feature (PAT.) between the saddle and ball end, keeps the strings from touching the plate. Because of them, the unit's ability to return to tune when using the tremolo arm is significantly improved. The 510TS comes with the popular steel block as standard.

\*Stud lock (PAT.) system mechanically fixes the clearance between anchor and stud bolt, eliminating loss of sound transmission to the body.

## EV510T-LS EV510TS-LS



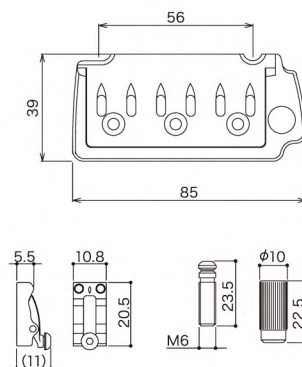
NEW

|              |                          |
|--------------|--------------------------|
| Finishes     | C. GG. B. CK. XN. XC. XG |
| Block Height | 37MM OR 42MM             |

STEEL SADDLE  
STRING SPACING 10.8MM  
STUD LOCK-PAT.  
LOCKING SADDLE - PAT.P



Gold



## EV510T-BS EV510TS-BS

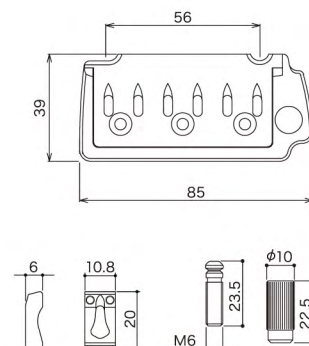


|              |                          |
|--------------|--------------------------|
| Finishes     | C. GG. B. CK. XN. XC. XG |
| Block Height | 37MM OR 42MM             |

BRASS SADDLE  
STRING SPACING 10.8MM  
STUD LOCK-PAT.



Chrome



## EV510T-FE EV510TS-FE

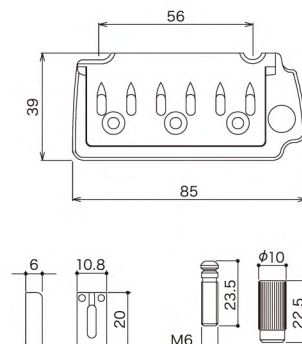


|              |                          |
|--------------|--------------------------|
| Finishes     | C. GG. B. CK. XN. XC. XG |
| Block Height | 37MM OR 42MM             |

STEEL SADDLE  
STRING SPACING 10.8MM  
STUD LOCK-PAT.



Cosmo Black





# TREMOLO 510 SERIES

- Regular Spacing -

## 510T-LS1 510TS-LS1

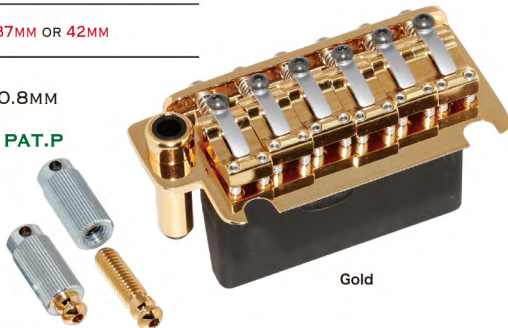


**NEW**

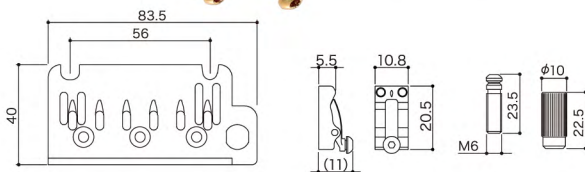
**Finishes** C. GG. B. CK

**Block Height** 37MM OR 42MM

STEEL SADDLE  
STRING SPACING 10.8MM  
STUD LOCK-PAT.  
LOCKING SADDLE - PAT.P



Gold



## 510T-LS2 510TS-LS2

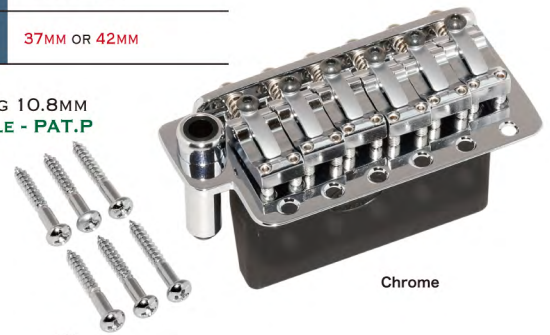


**NEW**

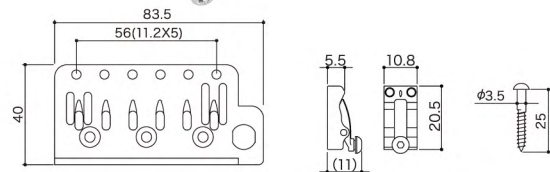
**Finishes** C. GG. B. CK

**Block Height** 37MM OR 42MM

STEEL SADDLE  
STRING SPACING 10.8MM  
LOCKING SADDLE - PAT.P



Chrome



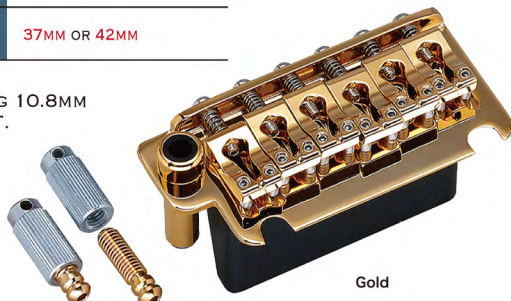
## 510T-BS1 510TS-BS1



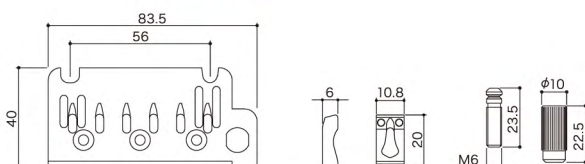
**Finishes** C. GG. B. CK

**Block Height** 37MM OR 42MM

BRASS SADDLE  
STRING SPACING 10.8MM  
STUD LOCK-PAT.



Gold



## 510T-BS2 510TS-BS2



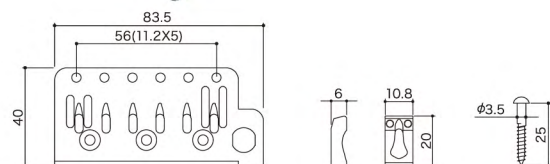
**Finishes** C. GG. B. CK

**Block Height** 37MM OR 42MM

BRASS SADDLE  
STRING SPACING 10.8MM



Chrome





# TREMOLO 510 SERIES

- Regular Spacing -

## 510T-FE1 510TS-FE1



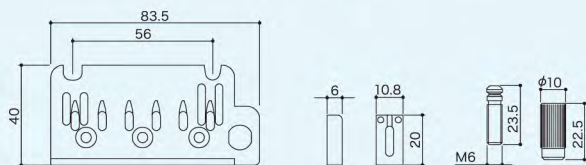
**Finishes** C. GG. B. CK

**Block Height** 37MM OR 42MM

STEEL SADDLE  
STRING SPACING 10.8MM  
STUD LOCK-PAT.



Chrome



## 510T-FE2 510TS-FE2



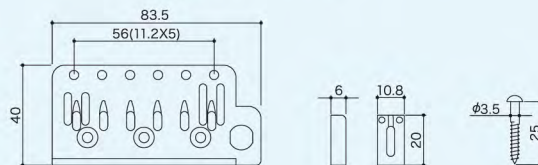
**Finishes** C. GG. B. CK

**Block Height** 37MM OR 42MM

STEEL SADDLE  
STRING SPACING 10.8MM



Black Chrome



## 510T-SF1 510TS-SF1



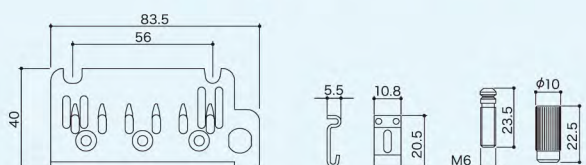
**Finishes** C. GG. B. CK

**Block Height** 37MM OR 42MM

STEEL SADDLE (SHEET METAL)  
STRING SPACING 10.8MM  
STUD LOCK-PAT.



Cosmo Black



## 510T-SF2 510TS-SF2



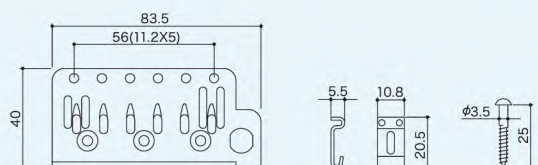
**Finishes** C. GG. B. CK

**Block Height** 37MM OR 42MM

STEEL SADDLE (SHEET METAL)  
STRING SPACING 10.8MM



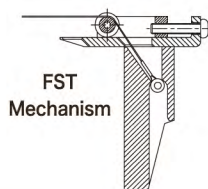
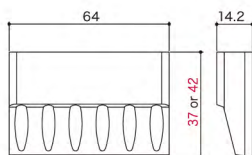
Chrome



Finishes : C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black)

\* See below for block dimensions and what's different.

### 510T Block \*Choose your block from 2 types of heights.

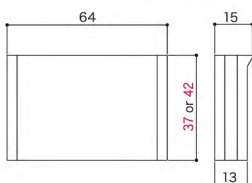


FST  
Mechanism

#### Applicable models

EV510T-LS, EV510T-BS  
EV510T-FE  
510T-LS1 / 510T-LS2  
510T-BS1 / 510T-BS2  
510T-FE1 / 510T-FE2  
510T-SF1 / 510T-SF2

### 510TS Block (Steel Block) \*Choose your block from 2 types of heights.



\* 510TS is not an FST mechanism.

#### Applicable models

EV510TS-LS, EV510TS-BS  
EV510TS-FE  
510TS-LS1 / 510TS-LS2  
510TS-BS1 / 510TS-BS2  
510TS-FE1 / 510TS-FE2  
510TS-SF1 / 510TS-SF2



# TREMOLO 510 SERIES

- Narrow Spacing -

## NS510T-LS1 NS510TS-LS1



NEW

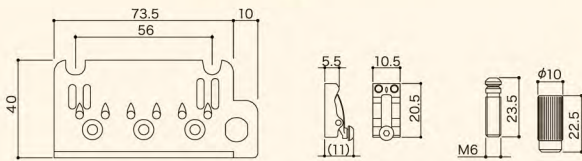
**Finishes** C. GG. B. CK

**Block Height** 37MM OR 42MM

STEEL SADDLE  
STRING SPACING 10.5MM  
STUD LOCK-PAT.  
LOCKING SADDLE - PAT.P



Cosmo Black



## NS510T-LS2 NS510TS-LS2



NEW

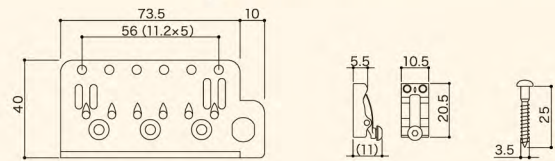
**Finishes** C. GG. B. CK

**Block Height** 37MM OR 42MM

STEEL SADDLE  
STRING SPACING 10.5MM  
LOCKING SADDLE - PAT.P



Chrome



## NS510T-FE1 NS510TS-FE1



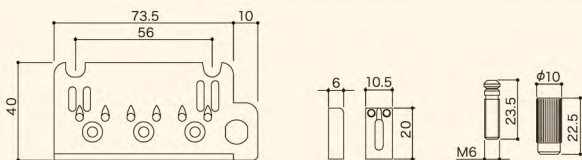
**Finishes** C. GG. B. CK

**Block Height** 37MM OR 42MM

STEEL SADDLE  
STRING SPACING 10.5MM  
STUD LOCK-PAT.



Chrome



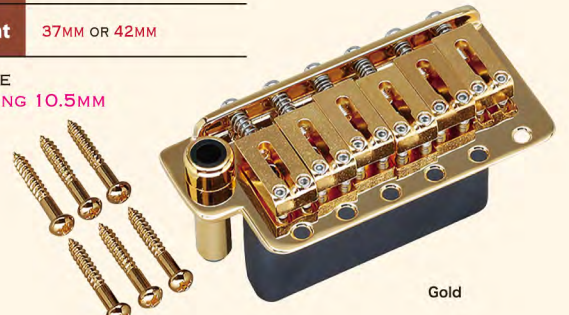
## NS510T-FE2 NS510TS-FE2



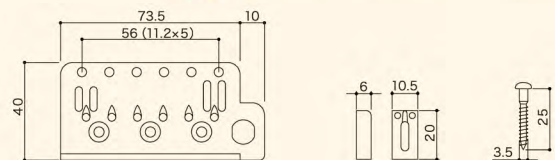
**Finishes** C. GG. B. CK

**Block Height** 37MM OR 42MM

STEEL SADDLE  
STRING SPACING 10.5MM



Gold

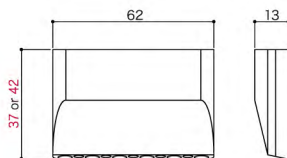


Finishes : C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black)

\* Narrow spacing tremolo block does not have an FST mechanism.

### NS510T Block

\*Choose your block from 2 types of heights.



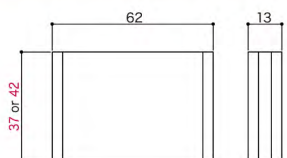
\* NS510T is not an FST mechanism.

#### Applicable models

NS510T-LS1 / NS510T-LS2  
NS510T-FE1 / NS510T-FE2

### NS510TS Block (Steel Block)

\*Choose your block from 2 types of heights.



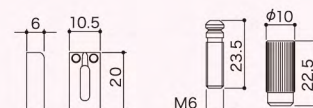
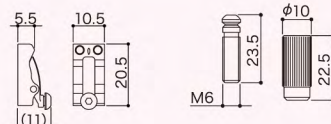
\* NS510TS is not an FST mechanism.

#### Applicable models

NS510TS-LS1 / NS510TS-LS2  
NS510TS-FE1 / NS510TS-FE2



High hardness knife-edge processed by special heat treatment gives you the chance to experience feeling you've never felt before.





# LOCKING TREMOLO



## GE1996T-7

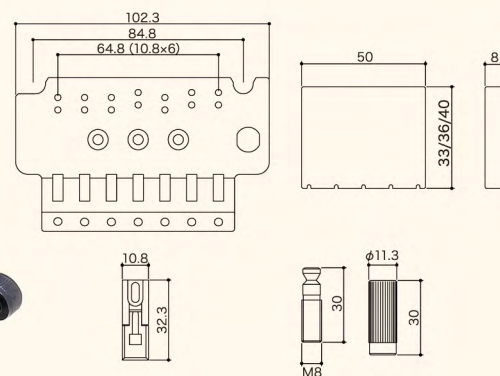


Finishes C. GG. B. CK. **BS**

Block Height 33mm, 36mm, 40mm

### FOR 7 STRINGS GUITAR

SPECIALLY PROCESSED  
STEEL SADDLE,  
SADDLE RADIUS 430MM  
STRING SPACING 10.8MM  
STUD LOCK-PAT.



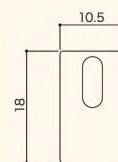
## SSM-02

SADDLE SHIM

Material BRASS

Thickness 0.2mm

This part for GE1996T & GE1996T-7  
4pcs/set



## GLN-7

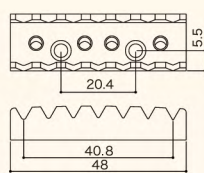
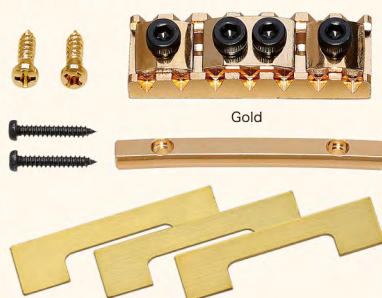
TOP MOUNT TYPE.



Finishes C. GG. B. CK. **BS**

Radius 400mm

### FOR 7 STRINGS GUITAR





# Tremolo Units & Lock Nuts

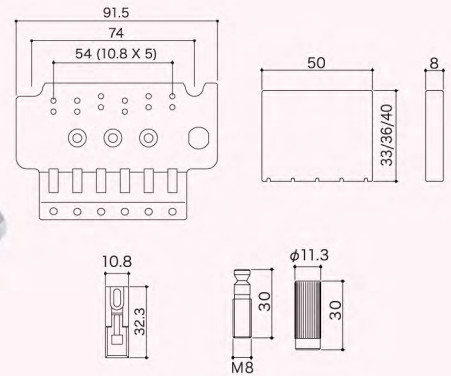
## GE1996T

|              |                         |
|--------------|-------------------------|
| Finishes     | C. GG. B. CK. <b>BS</b> |
| Block Height | 33mm, 36mm, 40mm        |

SPECIALLY PROCESSED  
STEEL SADDLE,  
SADDLE RADIUS 350MM  
STRING SPACING 10.8MM  
STUD LOCK-PAT.



Black Chrome

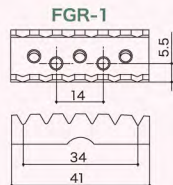


## FGR-1 THROUGH NECK TYPE.

|          |                         |
|----------|-------------------------|
| Finishes | C. GG. B. CK. <b>BS</b> |
|          | RADIUS 360MM            |



Chrome

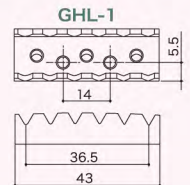


## GHL-1 THROUGH NECK TYPE.

|          |                         |
|----------|-------------------------|
| Finishes | C. GG. B. CK. <b>BS</b> |
|          | RADIUS 400MM            |



Gold

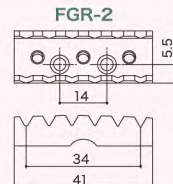


## FGR-2 TOP MOUNT TYPE.

|          |                         |
|----------|-------------------------|
| Finishes | C. GG. B. CK. <b>BS</b> |
|          | RADIUS 360MM            |



Cosmo Black

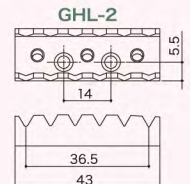


## GHL-2 TOP MOUNT TYPE.

|          |                         |
|----------|-------------------------|
| Finishes | C. GG. B. CK. <b>BS</b> |
|          | RADIUS 400MM            |



Black Chrome

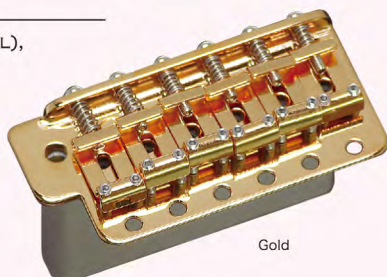


## GE101T

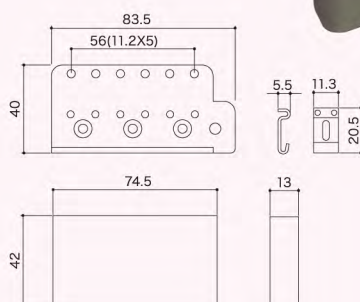
|          |              |
|----------|--------------|
| Finishes | C. GG. B. CK |
|----------|--------------|



STEEL SADDLE (SHEET METAL),  
STRING SPACING 11.3MM



Gold

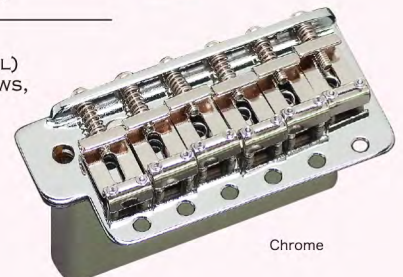


## GE101TS

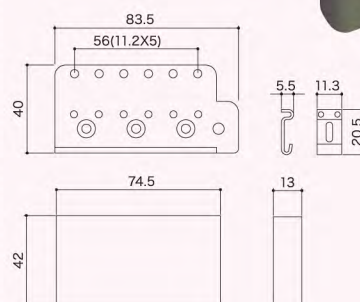
|          |              |
|----------|--------------|
| Finishes | C. GG. B. CK |
|----------|--------------|



STEEL BLOCK,  
STEEL SADDLE(SHEET METAL)  
WITH U.S.A. THREADS SCREWS,  
STRING SPACING 11.3MM



Chrome





# 510 SERIES

## BRIDGES & TAILPIECES

This new fixed bridge combines a base plate shaved from a brass block by CNC machining and steel saddles. It feels luxurious and provides a rich tone.

### 510FX-7

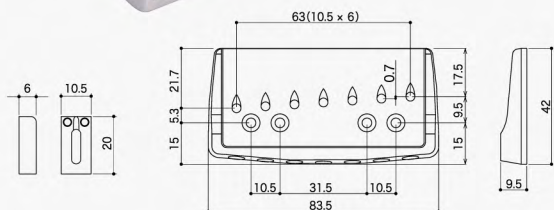
Finishes C. GG. B. CK. **BS**. XN. XC. XG

#### FOR 7 STRINGS GUITAR

STEEL SADDLE  
STRING SPACING 10.5MM



Chrome



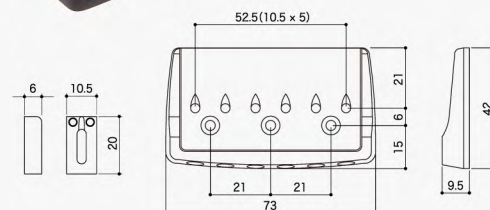
### 510FX-6

Finishes C. GG. B. CK. **BS**. XN. XC. XG

STEEL SADDLE  
STRING SPACING 10.5MM



Black Satin



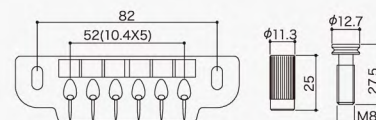
### 510UB

Finishes C. GG. B. CK. XN. XC. XG

HARD ZINC SADDLE  
STUD LOCK-PAT.



Chrome



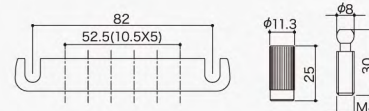
### 510FA

Finishes C. GG. B. CK. XN. XC. XG

MATERIAL / ALUMINUM  
STUD LOCK-PAT.



Gold



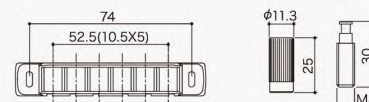
### 510FB

Finishes C. GG. B. CK. XN. XC. XG

BRASS SADDLE  
STUD LOCK-PAT.



Gold



Finishes : C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black), **BS (Black Satin)**, XN (X-Nickel), XC (X-Chrome), XG (X-Gold)



# Guitar Bridges & Tailpieces

## GTC101

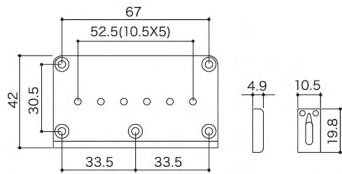
Finishes

C. GG. B. CK

BRASS SADDLE  
STRING SPACING 10.5MM



Black Chrome

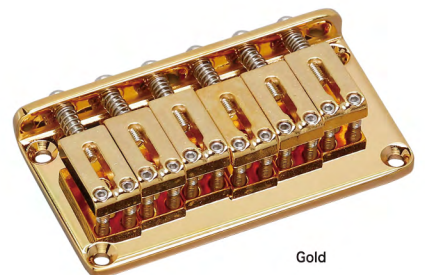


## GTC102

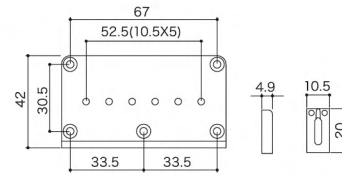
Finishes

C. GG. B. CK

STEEL SADDLE  
STRING SPACING 10.5MM



Gold



## GTC201

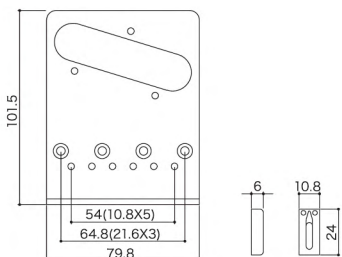
Finishes

C. GG. B. CK

BRASS SADDLE  
STRING SPACING 10.8MM



Cosmo Black



## GTC202

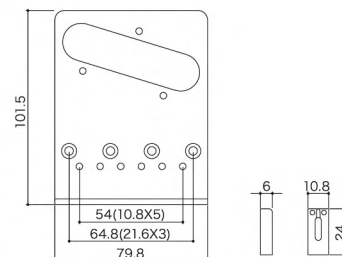
Finishes

C. GG. B. CK

STEEL SADDLE  
STRING SPACING 10.8MM



Chrome



Finishes : C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black)

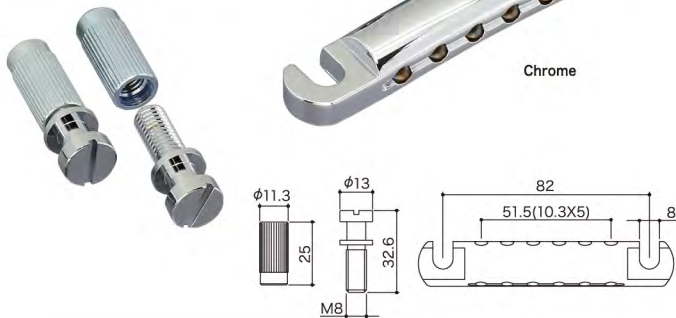


# Guitar Bridges & Tailpieces

## GE101A

Finishes N. C. GG. B. CK

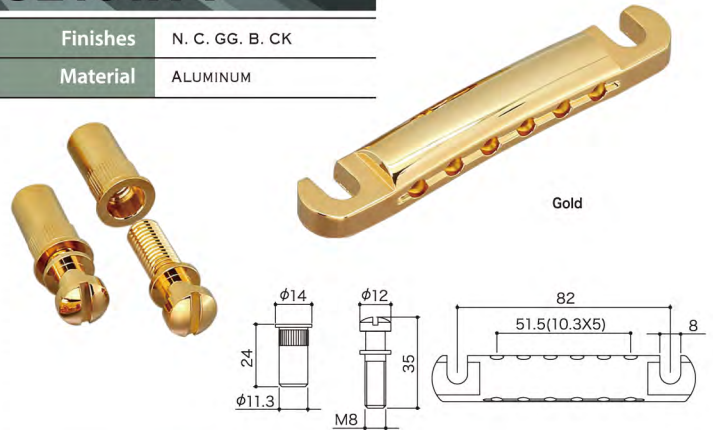
Material ALUMINUM



## GE101A-T

Finishes N. C. GG. B. CK

Material ALUMINUM



## GE101Z

Finishes N. C. GG. B. CK

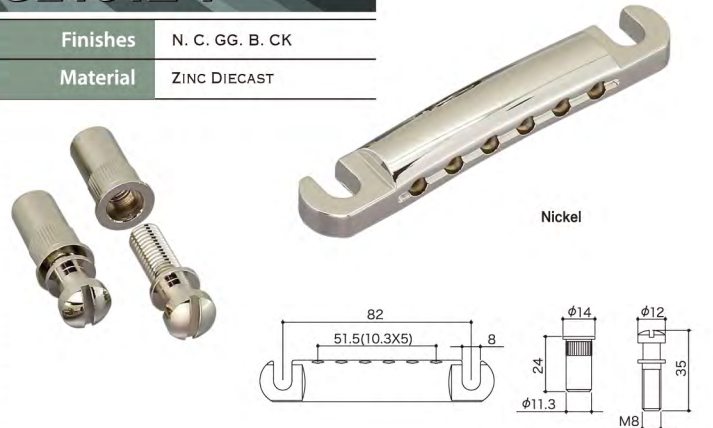
Material ZINC DIECAST



## GE101Z-T

Finishes N. C. GG. B. CK

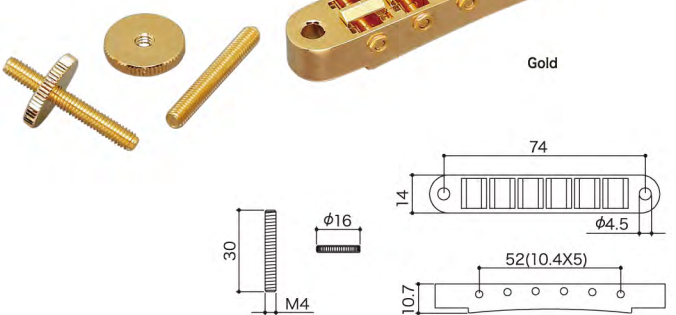
Material ZINC DIECAST



## GE103B

Finishes N. C. GG. B. CK

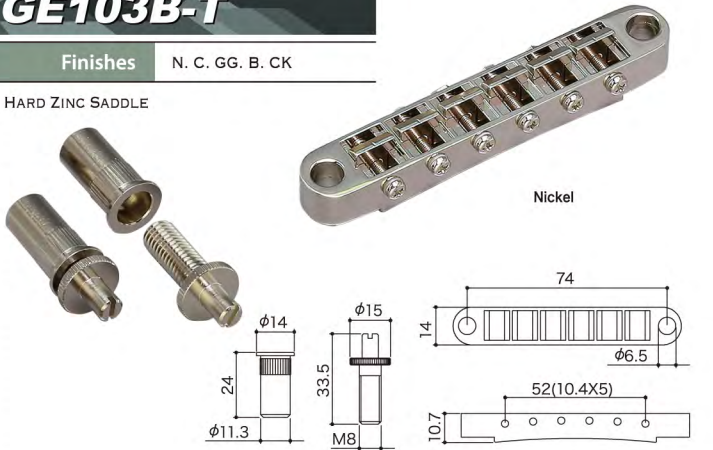
HARD ZINC SADDLE



## GE103B-T

Finishes N. C. GG. B. CK

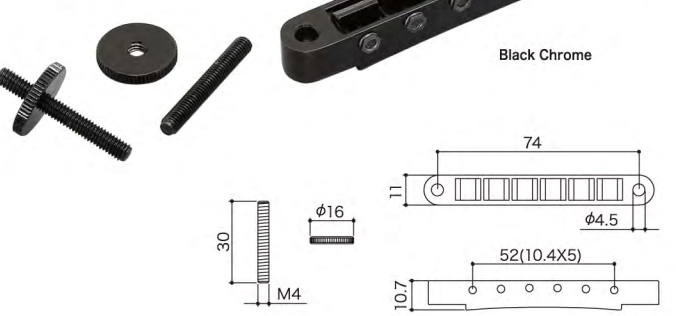
HARD ZINC SADDLE



## GE104B

Finishes N. C. GG. B. CK

HARD ZINC SADDLE



Finishes : N (Nickel), C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black)



# Titanium Saddle Series

## Ti103B

Finishes N. C. GG. B. CK

TITANIUM SADDLE



Cosmo Black

## VS1300

Finishes C. GG. B. CK

STRING SPACING : 10.8MM  
STUD LOCK-PAT.



Gold

## Ti103B-T

Finishes N. C. GG. B. CK

TITANIUM SADDLE



Gold

①  
for 1 and 6 strings 5.6  
for 2 and 5 strings 6  
for 3 and 4 strings 6.3

## Ti104B

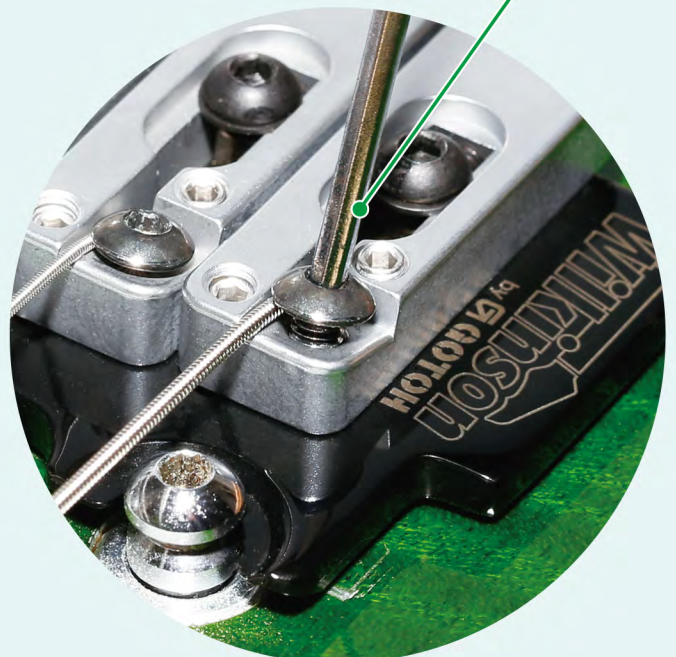
Finishes N. C. GG. B. CK

TITANIUM SADDLE



Chrome

"String it, tune it, then lock it in."



Finishes : N (Nickel), C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black)





# Wilkinson®

by GOTOH®

## Tremolo & Bridge

GOTOH Wilkinson has the "by G-GOTOH" mark.

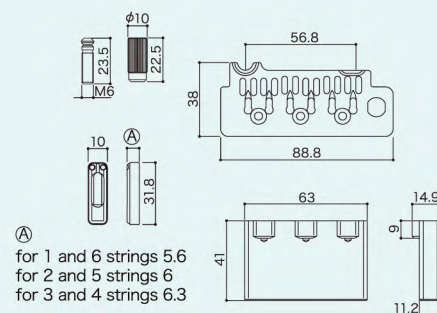
### VS100N

**Finishes** HC. HG. HB. HCK

STRING SPACING : 10.8MM  
STUD LOCK-PAT.



Honed Black



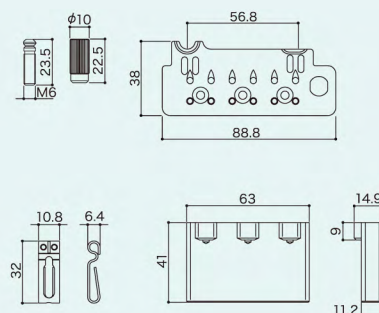
### VG300

**Finishes** C. GG. B. CK

STRING SPACING : 10.8MM  
STUD LOCK-PAT.



Gold



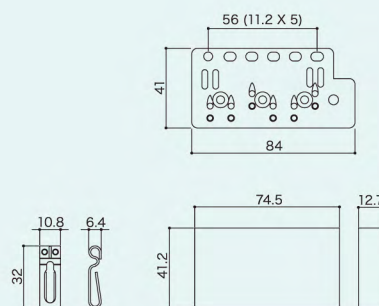
### VSVG

**Finishes** N. GG. B. CK

STRING SPACING : 10.8MM



Nickel



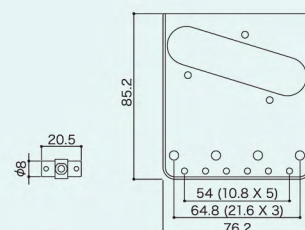
### WT3

**Finishes** N. C. GG (PLATE ONLY)

STRING SPACING : 10.8MM



Chrome





# MULTI-TONAL SERIES

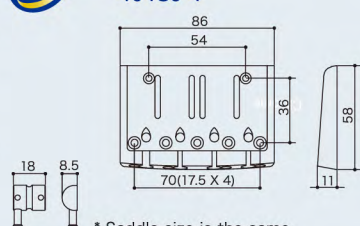
The 404/ J510 bass bridge series meets the exacting needs of bass players and custom builders. The base plate of the J510/404(4/5strings) model using hard zinc.

The base plate of 404(4/5strings)/J510 model using hard zinc, 404(6strings) model using solid brass with reputed for its tonal quality, produces a more sonorous tone. Combine with a choice of either a steel (SJ), or brass (BO) saddle for each series and you can build an original bridge with a unique sound.

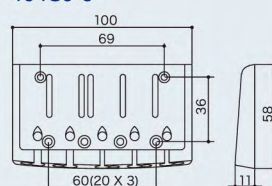
| 404SJ           |                                                               |
|-----------------|---------------------------------------------------------------|
| Finishes        | C. GG. B. CK. XN. XC. XG                                      |
| Saddle Material | STEEL                                                         |
| Plate Material  | 404SJ-4 : HARD ZINC<br>404SJ-5 : HARD ZINC<br>404SJ-6 : BRASS |
| String Spacing  | 404SJ-4 : 19MM<br>404SJ-5 : 18MM<br>404SJ-6 : 18MM            |



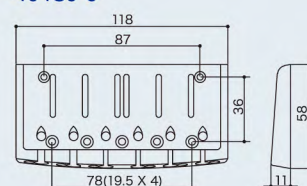
404SJ-4



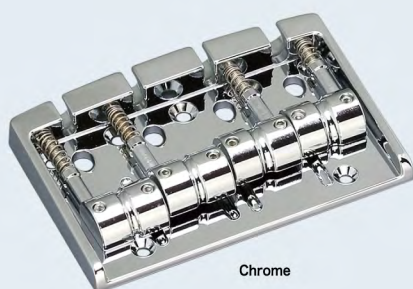
404SJ-5



404SJ-6



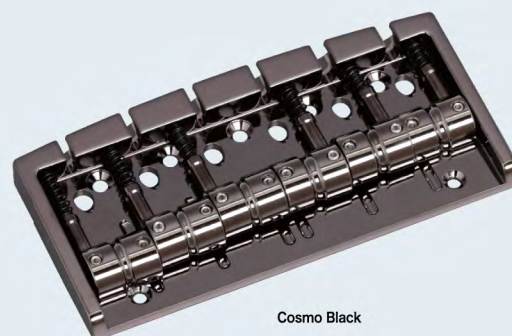
\* Saddle size is the same.



Chrome



Black Chrome

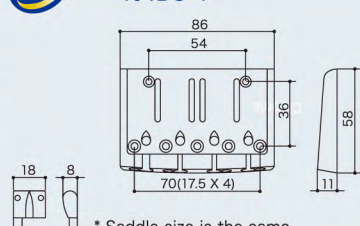


Cosmo Black

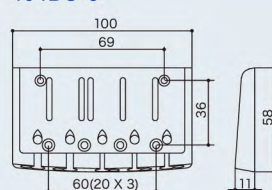
| 404BO           |                                                               |
|-----------------|---------------------------------------------------------------|
| Finishes        | C. GG. B. CK. XN. XC. XG                                      |
| Saddle Material | BRASS                                                         |
| Plate Material  | 404BO-4 : HARD ZINC<br>404BO-5 : HARD ZINC<br>404BO-6 : BRASS |
| String Spacing  | 404BO-4 : 19MM<br>404BO-5 : 18MM<br>404BO-6 : 18MM            |



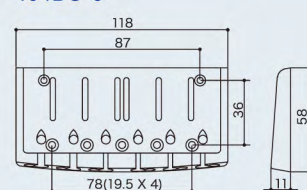
404BO-4



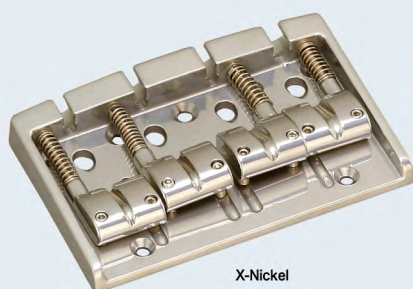
404BO-5



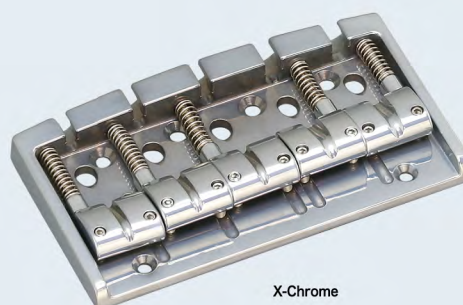
404BO-6



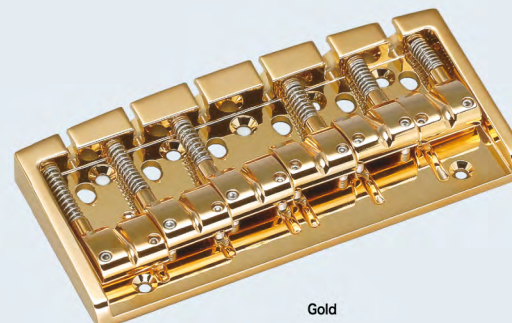
\* Saddle size is the same.



X-Nickel



X-Chrome



Gold





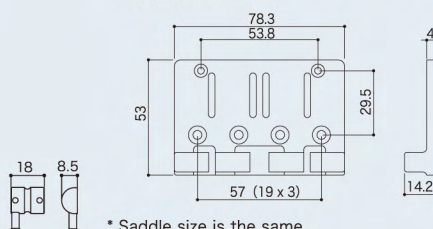
## Bass Bridges

### J510SJ

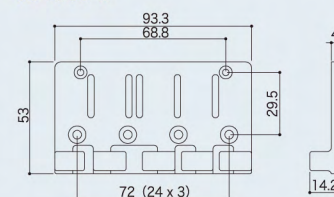
|                 |                                    |
|-----------------|------------------------------------|
| Finishes        | C. GG. B. CK. XN. XC. XG           |
| Saddle Material | STEEL                              |
| Plate Material  | HARD ZINC                          |
| String Spacing  | J510SJ-4 : 19MM<br>J510SJ-5 : 18MM |



J510SJ-4



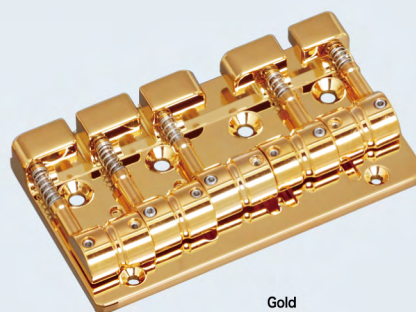
J510SJ-5



\* Saddle size is the same.



Cosmo Black



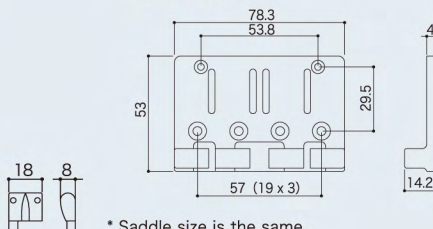
Gold

### J510BO

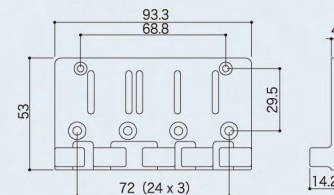
|                 |                                    |
|-----------------|------------------------------------|
| Finishes        | C. GG. B. CK. XN. XC. XG           |
| Saddle Material | BRASS                              |
| Plate Material  | HARD ZINC                          |
| String Spacing  | J510BO-4 : 19MM<br>J510BO-5 : 18MM |



J510BO-4



J510BO-5



\* Saddle size is the same.

Gold



Black Chrome



Chrome



# S510B SERIES

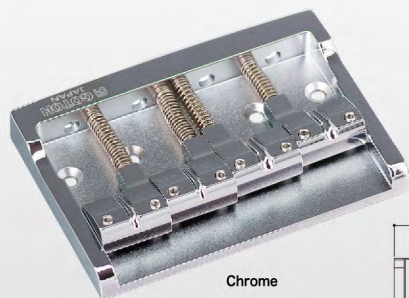
## Bass Bridges

The base plate is made of steel and the saddles of brass, all of which have been carved from solid blocks. This high-density material enhances the transmission of sound and improves sustain in a way that usual die-casting is unable to achieve. Extra weight for rich low frequencies.

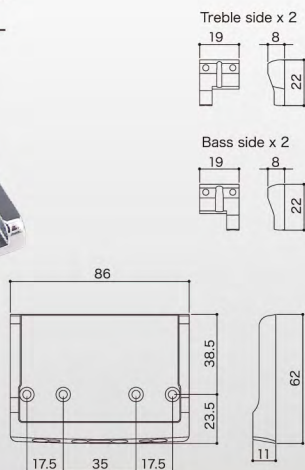


### S510B-4

|                 |              |
|-----------------|--------------|
| Finishes        | C. GG. B. CK |
| Plate Material  | STEEL        |
| Saddle Material | BRASS        |
| String Spacing  | 19MM         |

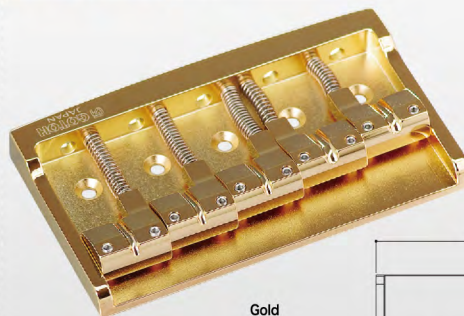


Chrome

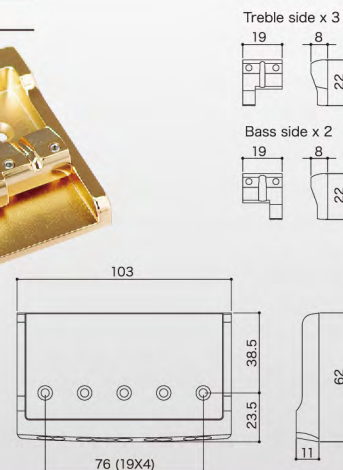


### S510B-5

|                 |              |
|-----------------|--------------|
| Finishes        | C. GG. B. CK |
| Plate Material  | STEEL        |
| Saddle Material | BRASS        |
| String Spacing  | 19MM         |



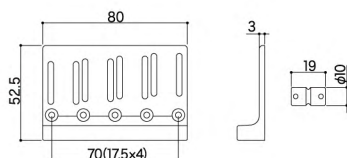
Gold



## REGULAR SERIES

### 201B-4

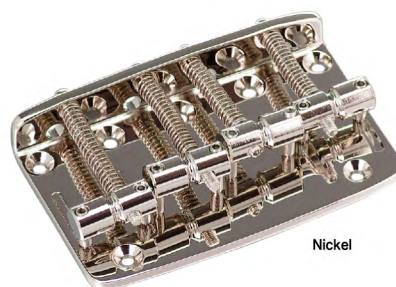
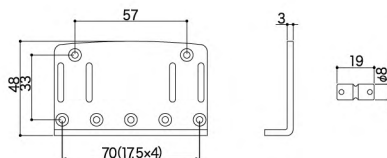
|                 |              |
|-----------------|--------------|
| Finishes        | C. GG. B. CK |
| Plate Material  | ZINC         |
| Saddle Material | BRASS        |
| String Spacing  | 19MM         |



Black Chrome

### 203B-4

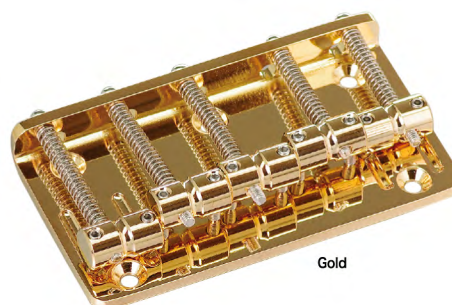
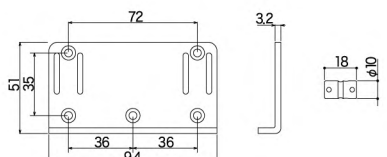
|                 |                 |
|-----------------|-----------------|
| Finishes        | N. C. GG. B. CK |
| Plate Material  | BRASS           |
| Saddle Material | BRASS           |
| String Spacing  | 19MM            |



Nickel

### 205B-5

|                 |                 |
|-----------------|-----------------|
| Finishes        | N. C. GG. B. CK |
| Plate Material  | STEEL           |
| Saddle Material | BRASS           |
| String Spacing  | 18MM            |

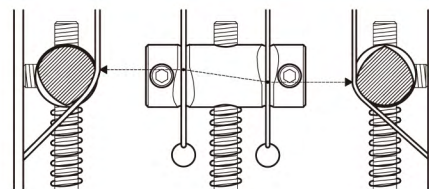


Gold

Finishes : N (Nickel), C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black)



*"In-Tune"*  
by GOTOH

[illegible][illegible]

Technical drawing of a rectangular metal plate. The main view shows a plate with overall dimensions of 76.2 (width) by 85.2 (height). The top edge has a thickness of 2.5. The bottom edge has a width of 5.7. The plate features a central rectangular cutout with rounded corners, measuring 54 (10.8x5) in width and 64.8 (21.6x3) in height. The cutout has a depth of 22. The plate has four mounting holes, each with a diameter of  $\phi 4.2$ . The distance between the centers of the two top holes is 74.2. The distance between the centers of the two bottom holes is 28.5. The distance from the top edge to the center of the top holes is 7.3. The distance from the bottom edge to the center of the bottom holes is 8. The side view shows a plate with a thickness of 9.6 and a curved bottom edge.

48





# ACCESSORIES

Arms / Saddle Sets / Strap Pin / Jack Cover / Tension Bar / Strap Locker  
Dome Knob / Neck Joint Plate / String Bushing / String Retainer / Pick Case  
Control Panel / Battery Box / Power Spring / Spring  
Wrench Holder / Spring Hanger

## **GOTOH Product handling precautions**

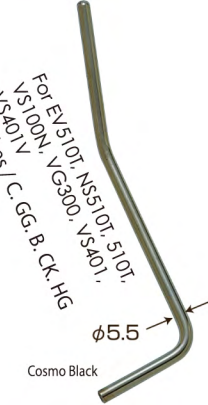
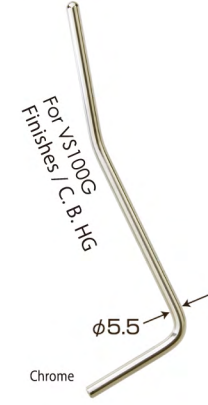
There is a possibility that some alteration to your guitar might be necessary to install GOTOH Products, including but not limited to woodwork. If installed without proper care the instrument may be damaged. We suggested that you consult with a repair shop or the shop where this merchandise is sold before making the decision to purchase. Please be careful as our company will not accept responsibility for any damage caused or issues arising from your installation of GOTOH products.





- ARMS -

For GOTOH Tremolo Units

| A1                                                                                                                                                     | A2                                                                                                                                                   | B1                                                                                                                                                | B2                                                                                                                                                   | A7                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>For GE101T, 102T<br/>Finishes / C.GG.B.CK<br/>Chrome<br/>φ5</p> |  <p>For GE101T, 102T<br/>Finishes / C.GG.B.CK<br/>Gold<br/>φ5</p> |  <p>For GE101TS<br/>Finishes / C.GG.B.CK<br/>Gold<br/>φ4.8</p> |  <p>For GE101TS<br/>Finishes / C.GG.B.CK<br/>Chrome<br/>φ4.8</p> |  <p>For EV1510T, NS101T, 510T,<br/>VS100N, VG300, VS401,<br/>VS401V<br/>Finishes / C.GG.B.CK.HG<br/>Cosmo Black<br/>φ5.5</p> |
| A8                                                                                                                                                     | F3                                                                                                                                                   | C1                                                                                                                                                | AW-1                                                                                                                                                 | AW-2                                                                                                                                                                                                              |
|  <p>For OGE108T, 109T<br/>Finishes / C.B<br/>Chrome<br/>φ5</p>      |  <p>For GE196T<br/>Finishes / C.GG.B.CK<br/>Chrome<br/>φ5.5</p>   |  <p>Finishes / C.GG.B<br/>Gold<br/>φ6</p>                      |  <p>For VS100G<br/>Finishes / C.B.HG<br/>Chrome<br/>φ5.5</p>     |  <p>For VSVG, VSV400,<br/>VSV400P, VSV400(V)<br/>Finishes / C.GG.B.CK<br/>Chrome<br/>φ5</p>                                  |

Finishes : C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black), HG (Honed Gold)



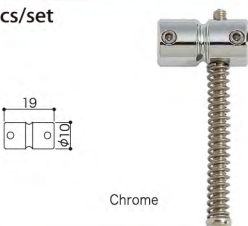
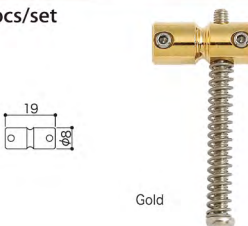
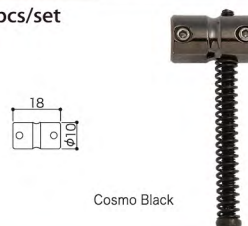
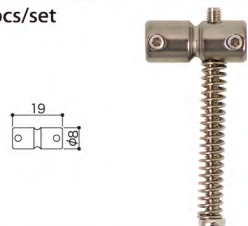
|                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------|----------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------|----------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------|----------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------|----------|---------------------|
| <div><div>S101</div><div>For GE101T</div></div> <table><tr><td>Finishes</td><td>N. GG. B. CK</td></tr><tr><td>Material</td><td>STEEL (SHEET METAL)</td></tr></table> <div>6pcs/set</div> <div><div><div><div>5.5</div><div>11.3</div><div>20.5</div></div><div></div></div><div>Nickel</div></div>                                    | Finishes                                       | N. GG. B. CK | Material | STEEL (SHEET METAL) | <div><div>S101S</div><div>For GE101TS</div></div> <table><tr><td>Finishes</td><td>N. GG. B. CK</td></tr><tr><td>Material</td><td>STEEL (SHEET METAL)<br/>WITH USA THREADS SCREWS</td></tr></table> <div>6pcs/set</div> <div><div><div><div>5.5</div><div>11.3</div><div>20.5</div></div><div></div></div><div>Gold</div></div>          | Finishes | N. GG. B. CK | Material | STEEL (SHEET METAL)<br>WITH USA THREADS SCREWS | <div><div>S102</div><div>For GE102T (Discontinued)</div></div> <table><tr><td>Finishes</td><td>C. GG. B. CK</td></tr><tr><td>Material</td><td>STEEL</td></tr></table> <div>6pcs/set</div> <div><div><div><div>6</div><div>11.3</div><div>20</div></div><div></div></div><div>Cosmo Black</div></div>                          | Finishes | C. GG. B. CK | Material | STEEL       | <div><div>S108</div><div>For OGE1088T (Discontinued)</div></div> <table><tr><td>Finishes</td><td>N. GG. B. CK</td></tr><tr><td>Material</td><td>STEEL (SHEET METAL)</td></tr></table> <div>6pcs/set</div> <div><div><div><div>5.5</div><div>10.8</div><div>20.5</div></div><div></div></div><div>Nickel</div></div> | Finishes | N. GG. B. CK | Material | STEEL (SHEET METAL) |
| Finishes                                                                                                                                                                                                                                                                                                                                                                                                               | N. GG. B. CK                                   |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Material                                                                                                                                                                                                                                                                                                                                                                                                               | STEEL (SHEET METAL)                            |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Finishes                                                                                                                                                                                                                                                                                                                                                                                                               | N. GG. B. CK                                   |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Material                                                                                                                                                                                                                                                                                                                                                                                                               | STEEL (SHEET METAL)<br>WITH USA THREADS SCREWS |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Finishes                                                                                                                                                                                                                                                                                                                                                                                                               | C. GG. B. CK                                   |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Material                                                                                                                                                                                                                                                                                                                                                                                                               | STEEL                                          |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Finishes                                                                                                                                                                                                                                                                                                                                                                                                               | N. GG. B. CK                                   |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Material                                                                                                                                                                                                                                                                                                                                                                                                               | STEEL (SHEET METAL)                            |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| <div><div>S188</div><div>For 510T-SF</div></div> <table><tr><td>Finishes</td><td>N. GG. B. CK</td></tr><tr><td>Material</td><td>STEEL (SHEET METAL)</td></tr></table> <div>6pcs/set</div> <div><div><div><div>5.5</div><div>10.8</div><div>20.5</div></div><div></div></div><div>Nickel</div></div>                                   | Finishes                                       | N. GG. B. CK | Material | STEEL (SHEET METAL) | <div><div>S199</div><div>For 510T-FE</div></div> <table><tr><td>Finishes</td><td>C. GG. B. CK</td></tr><tr><td>Material</td><td>STEEL</td></tr></table> <div>6pcs/set</div> <div><div><div><div>6</div><div>10.8</div><div>20</div></div><div></div></div><div>Gold</div></div>                                                         | Finishes | C. GG. B. CK | Material | STEEL                                          | <div><div>S200</div><div>For 510T-BS</div></div> <table><tr><td>Finishes</td><td>C. GG. B. CK</td></tr><tr><td>Material</td><td>BRASS</td></tr></table> <div>6pcs/set</div> <div><div><div><div>6</div><div>10.8</div><div>20</div></div><div></div></div><div>Cosmo Black</div></div>                                        | Finishes | C. GG. B. CK | Material | BRASS       | <div><div>S11</div><div>For GTC101</div></div> <table><tr><td>Finishes</td><td>C. GG. B. CK</td></tr><tr><td>Material</td><td>BRASS</td></tr></table> <div>6pcs/set</div> <div><div><div><div>4.9</div><div>10.5</div><div>19.8</div></div><div></div></div><div>Gold</div></div>                                   | Finishes | C. GG. B. CK | Material | BRASS               |
| Finishes                                                                                                                                                                                                                                                                                                                                                                                                               | N. GG. B. CK                                   |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Material                                                                                                                                                                                                                                                                                                                                                                                                               | STEEL (SHEET METAL)                            |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Finishes                                                                                                                                                                                                                                                                                                                                                                                                               | C. GG. B. CK                                   |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Material                                                                                                                                                                                                                                                                                                                                                                                                               | STEEL                                          |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Finishes                                                                                                                                                                                                                                                                                                                                                                                                               | C. GG. B. CK                                   |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Material                                                                                                                                                                                                                                                                                                                                                                                                               | BRASS                                          |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Finishes                                                                                                                                                                                                                                                                                                                                                                                                               | C. GG. B. CK                                   |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Material                                                                                                                                                                                                                                                                                                                                                                                                               | BRASS                                          |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| <div><div>S105</div><div>For NS510/510FX</div></div> <table><tr><td>Finishes</td><td>C. GG. B. CK</td></tr><tr><td>Material</td><td>STEEL</td></tr></table> <div>6pcs/set</div> <div><div><div><div>6</div><div>10.5</div><div>20</div></div><div></div></div><div>Chrome</div></div>                                               | Finishes                                       | C. GG. B. CK | Material | STEEL               | <div><div>S21</div><div>For GTC102</div></div> <table><tr><td>Finishes</td><td>C. GG. B. CK</td></tr><tr><td>Material</td><td>STEEL</td></tr></table> <div>6pcs/set</div> <div><div><div><div>4.9</div><div>10.5</div><div>20</div></div><div></div></div><div>Chrome</div></div>                                                     | Finishes | C. GG. B. CK | Material | STEEL                                          | <div><div>S12</div><div>For GTC201</div></div> <table><tr><td>Finishes</td><td>C. GG. B. CK</td></tr><tr><td>Material</td><td>BRASS</td></tr></table> <div>6pcs/set</div> <div><div><div><div>6</div><div>10.8</div><div>24</div></div><div></div></div><div>Cosmo Black</div></div>                                        | Finishes | C. GG. B. CK | Material | BRASS       | <div><div>S22</div><div>For GTC202</div></div> <table><tr><td>Finishes</td><td>C. GG. B. CK</td></tr><tr><td>Material</td><td>STEEL</td></tr></table> <div>6pcs/set</div> <div><div><div><div>6</div><div>10.8</div><div>24</div></div><div></div></div><div>Gold</div></div>                                     | Finishes | C. GG. B. CK | Material | STEEL               |
| Finishes                                                                                                                                                                                                                                                                                                                                                                                                               | C. GG. B. CK                                   |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Material                                                                                                                                                                                                                                                                                                                                                                                                               | STEEL                                          |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Finishes                                                                                                                                                                                                                                                                                                                                                                                                               | C. GG. B. CK                                   |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Material                                                                                                                                                                                                                                                                                                                                                                                                               | STEEL                                          |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Finishes                                                                                                                                                                                                                                                                                                                                                                                                               | C. GG. B. CK                                   |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Material                                                                                                                                                                                                                                                                                                                                                                                                               | BRASS                                          |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Finishes                                                                                                                                                                                                                                                                                                                                                                                                               | C. GG. B. CK                                   |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Material                                                                                                                                                                                                                                                                                                                                                                                                               | STEEL                                          |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| <div><div>SW-3</div><div>For WT-3</div></div> <table><tr><td>Finish</td><td>---</td></tr><tr><td>Material</td><td>SOLID BRASS</td></tr></table> <div>3pcs/set</div> <div><div><div><div>20.5</div><div>ø6</div></div><div></div></div></div>                                                                                        | Finish                                         | ---          | Material | SOLID BRASS         | <div><div>In-Tune Ti</div><div>For Ti-TC1(S)</div></div> <table><tr><td>Finish</td><td>---</td></tr><tr><td>Material</td><td>SOLID TITANIUM</td></tr></table> <div>3pcs/set</div> <div><div><div><div>21.5</div><div>10.8</div><div>ø8</div></div><div></div></div></div>                                                             | Finish   | ---          | Material | SOLID TITANIUM                                 | <div><div>In-Tune BS</div><div>For BS-TC1(S)</div></div> <table><tr><td>Finish</td><td>---</td></tr><tr><td>Material</td><td>SOLID BRASS</td></tr></table> <div>3pcs/set</div> <div><div><div><div>21.5</div><div>10.8</div><div>ø8</div></div><div></div></div></div>                                                      | Finish   | ---          | Material | SOLID BRASS |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Finish                                                                                                                                                                                                                                                                                                                                                                                                                 | ---                                            |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Material                                                                                                                                                                                                                                                                                                                                                                                                               | SOLID BRASS                                    |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Finish                                                                                                                                                                                                                                                                                                                                                                                                                 | ---                                            |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Material                                                                                                                                                                                                                                                                                                                                                                                                               | SOLID TITANIUM                                 |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Finish                                                                                                                                                                                                                                                                                                                                                                                                                 | ---                                            |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Material                                                                                                                                                                                                                                                                                                                                                                                                               | SOLID BRASS                                    |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| <div><div>LS105</div><div>Locking Saddle</div><div>For NS510T(S)</div></div> <table><tr><td>Finish</td><td>C. GG. B. CK</td></tr><tr><td>Material</td><td>STEEL</td></tr></table> <div>6pcs or 7pcs/set</div> <div><div><div><div>5.5</div><div>10.5</div><div>20.5</div><div>(11)</div></div><div></div></div><div>NEW</div></div> | Finish                                         | C. GG. B. CK | Material | STEEL               | <div><div>LS108</div><div>Locking Saddle</div><div>For EV510T(S) / 510T(S)</div></div> <table><tr><td>Finish</td><td>C. GG. B. CK</td></tr><tr><td>Material</td><td>STEEL</td></tr></table> <div>6pcs/set</div> <div><div><div><div>5.5</div><div>10.8</div><div>20.5</div><div>(11)</div></div><div></div></div><div>NEW</div></div> | Finish   | C. GG. B. CK | Material | STEEL                                          | <div><div>LS113</div><div>Locking Saddle</div><div>For GE101T(S)</div></div> <table><tr><td>Finish</td><td>C. GG. B. CK</td></tr><tr><td>Material</td><td>STEEL</td></tr></table> <div>6pcs/set</div> <div><div><div><div>5.5</div><div>11.3</div><div>20.5</div><div>(11)</div></div><div></div></div><div>NEW</div></div> | Finish   | C. GG. B. CK | Material | STEEL       |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Finish                                                                                                                                                                                                                                                                                                                                                                                                                 | C. GG. B. CK                                   |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Material                                                                                                                                                                                                                                                                                                                                                                                                               | STEEL                                          |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Finish                                                                                                                                                                                                                                                                                                                                                                                                                 | C. GG. B. CK                                   |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Material                                                                                                                                                                                                                                                                                                                                                                                                               | STEEL                                          |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Finish                                                                                                                                                                                                                                                                                                                                                                                                                 | C. GG. B. CK                                   |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |
| Material                                                                                                                                                                                                                                                                                                                                                                                                               | STEEL                                          |              |          |                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |          |              |          |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                  |          |              |          |             |                                                                                                                                                                                                                                                                                                                                                                                                        |          |              |          |                     |



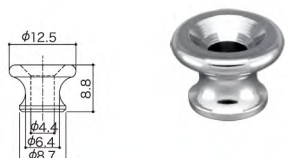
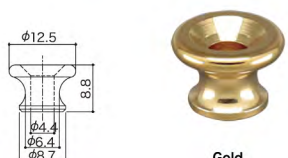
# "REPLACEMENT PARTS"

# - SADDLE SETS -

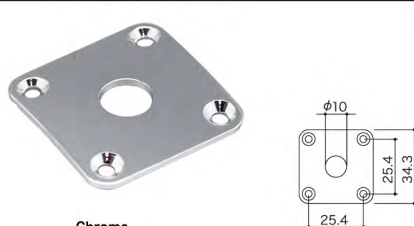
For Basses

| <b>S201</b> 201B-4 用                                                              |              | <b>S203</b> 203B-4 用                                                              |                 | <b>S205</b> 205B-5 用                                                               |                 | <b>S203Ti</b> TI203B-4/CBB-4 用                                                      |                |
|-----------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------|----------------|
| Finishes                                                                          | C. GG. B. CK | Finishes                                                                          | N. C. GG. B. CK | Finishes                                                                           | N. C. GG. B. CK | Finish                                                                              | ---            |
| Material                                                                          | BRASS        | Material                                                                          | BRASS           | Material                                                                           | BRASS           | Material                                                                            | SOLID TITANIUM |
| 4pcs/set                                                                          |              | 4pcs/set                                                                          |                 | 5pcs/set                                                                           |                 | 4pcs/set                                                                            |                |
|  |              |  |                 |  |                 |  |                |
| Chrome                                                                            |              | Gold                                                                              |                 | Cosmo Black                                                                        |                 |                                                                                     |                |

# - STRAP PIN -

| <b>EP-A1</b>                                                                      | <b>EP-B1</b>                                                                      | <b>EP-B2</b>                                                                       | <b>EP-B3</b>                                                                        |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| SOLID ALUMINUM                                                                    |                                                                                   |                                                                                    |                                                                                     |
| Finishes                                                                          | N. C. GG. B. CK                                                                   | Finishes                                                                           | N. C. GG. B. CK                                                                     |
|  |  |  |  |
|                                                                                   | Gold                                                                              | Nickel                                                                             | Black Chrome                                                                        |

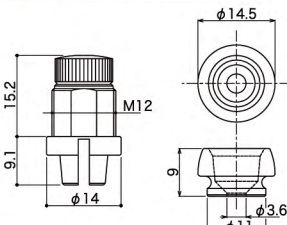
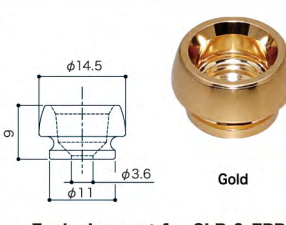
# - JACK COVER -

| <b>JCS-1</b>                                                                        | <b>JCB-2</b>                                                                         | <b>JCB-4</b>                                                                          |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Finishes                                                                            | Finishes                                                                             | Finishes                                                                              |
| C. GG. B. CK                                                                        | C. GG. B. CK                                                                         | C. GG. B. CK                                                                          |
|  |  |  |
| Gold                                                                                | Cosmo Black                                                                          | Chrome                                                                                |

# - TENSION BAR -

| <b>TB47.5</b>                                                                       | <b>TB54</b>                                                                          |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Finishes                                                                            | Finishes                                                                             |
| C. GG. B. CK. BS                                                                    | C. GG. B. CK. BS                                                                     |
|  |  |
| Cosmo Black                                                                         | FOR 7 STRINGS GUITAR                                                                 |

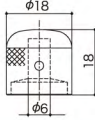
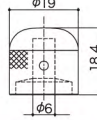
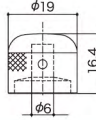
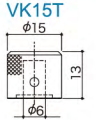
# - STRAP LOCKER -

| <b>SLR</b>                                                                                                          | <b>EP-SLR</b>                                                                         |
|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Finishes                                                                                                            | Finishes                                                                              |
| C. GG. B. CK                                                                                                        | C. GG. B. CK                                                                          |
| This is a newly-designed Strap Lock which makes it possible to easily put it on or take it off with just one touch. |                                                                                       |
|                                  |  |
|                                 |                                                                                       |
| Assembly image                                                                                                      |                                                                                       |
| Exclusive part for SLR & EPR-2                                                                                      |                                                                                       |

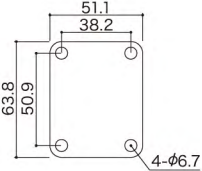
Finishes : N (Nickel), C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black)



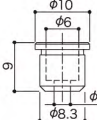
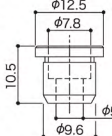
## - DOME KNOB -

| VK1-18                                                                                      |              | VK1-19                                                                                    |              | VK3                                                                                               |              | VK15T / VK18T                                                                                                                                                              |              |
|---------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Finishes                                                                                    | C. GG. B. CK | Finishes                                                                                  | C. GG. B. CK | Finishes                                                                                          | C. GG. B. CK | Finishes                                                                                                                                                                   | C. GG. B. CK |
| <br>Chrome |              | <br>Gold |              | <br>Black Chrome |              | <br>Cosmo Black                                                                         |              |
|            |              |          |              |                |              | <br> |              |

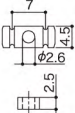
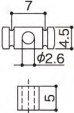
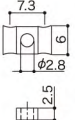
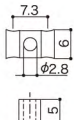
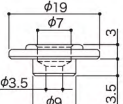
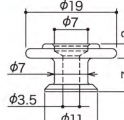
## - NECK JOINT PLATE -

| NBS-3                                                                                     |              |
|-------------------------------------------------------------------------------------------|--------------|
| Finishes                                                                                  | C. GG. B. CK |
| <br>Gold |              |
|          |              |

## - STRING BUSHING -

| TLB-1                                                                                      |                 | TLB-2                                                                                         |                 |
|--------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------|-----------------|
| Finishes                                                                                   | N. C. GG. B. CK | Finishes                                                                                      | N. C. GG. B. CK |
| <br>Gold |                 | <br>Chrome |                 |
|           |                 |            |                 |

## - STRING RETAINER -

| RG15                                                                                                |                 | RG30                                                                                          |                 |
|-----------------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------|-----------------|
| Finishes                                                                                            | N. C. GG. B. CK | Finishes                                                                                      | N. C. GG. B. CK |
| <br>Black Chrome |                 | <br>Chrome |                 |
|                  |                 |            |                 |
| RG105                                                                                               |                 | RG130                                                                                         |                 |
| Finishes                                                                                            | N. C. GG. B. CK | Finishes                                                                                      | N. C. GG. B. CK |
| <br>Gold         |                 | <br>Nickel |                 |
|                  |                 |            |                 |
| RB20                                                                                                |                 | RB30                                                                                          |                 |
| Finishes                                                                                            | N. C. GG. B. CK | Finishes                                                                                      | N. C. GG. B. CK |
| <br>Chrome       |                 | <br>Gold   |                 |
|                  |                 |            |                 |

## - PICK CASE -

| PC-01N                                                                               |                 |
|--------------------------------------------------------------------------------------|-----------------|
| Material                                                                             | GENUINE LEATHER |
|  |                 |
| <p>* This is a usage image. Pick is not included.</p>                                |                 |
|  |                 |

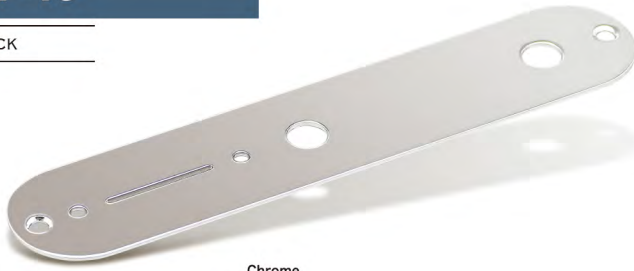
Finishes : N (Nickel), C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black), BS (Black Satin)



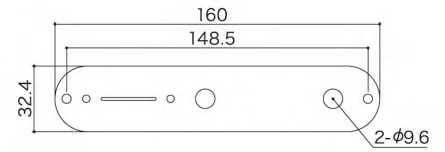
## - CONTROL PANEL -

### CP-10

Finishes C. GG. B. CK

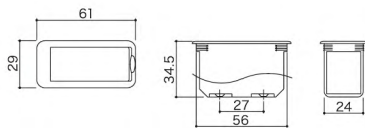


Chrome

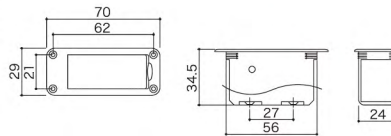


## - BATTERY BOX -

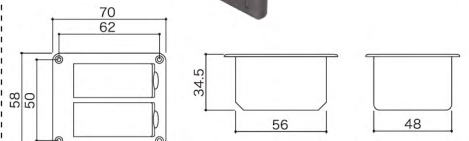
### BB-02



### BB-04



### BB-04W



## - POWER SPRING -

### PSP



The tremolo is kept neutral by the balance between string tension and the coil spring attached to its block. As return to a neutral point depends merely on the strength of the coil spring, if the spring is not entirely reliable, the guitar will not accurately come back into tune, especially after pushing the arm down. The power spring has a powerful return capacity, stopping the guitar from going out of tune.

## - SPRING -

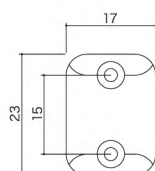
### SP



## - WRENCH HOLDER -

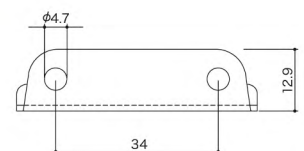
### WRH-1W

Wrench Size : 1.5/2.0/2.5/3.0mm each 1pc



## - SPRING HANGER -

### SPH



Finishes : N (Nickel), C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black)



# Luxury Mode

GOTOH 'Luxury Mode' is an ultra fine, high-speed machine carving technology, which makes instrument parts much more aesthetically pleasing.

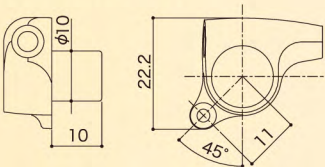
## GUITAR MACHINE HEAD



**SGS510Z-A20LX**  
**SGS510Z-A60LX**  
**SGS510Z-A70LX**



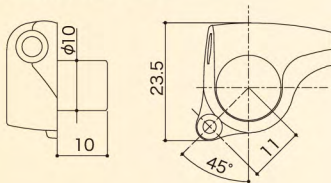
STRING POST : STANDARD  
FINISHES : C. GG  
GEAR RATIO : 1:18



**SGL510Z-A20LX**  
**SGL510Z-A60LX**  
**SGL510Z-A70LX**



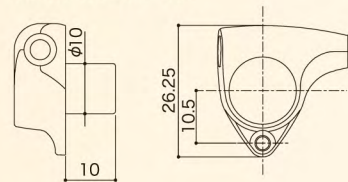
STRING POST : STANDARD  
FINISHES : C. GG  
GEAR RATIO : 1:21



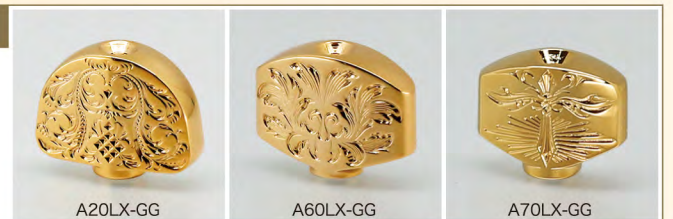
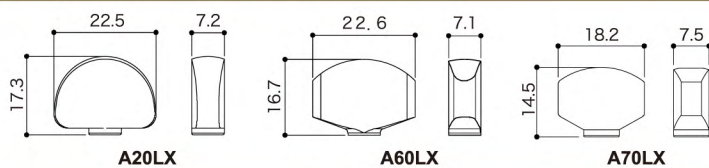
**SGV510Z-A20LX**  
**SGV510Z-A60LX**  
**SGV510Z-A70LX**



STRING POST : STANDARD  
FINISHES : C. GG  
GEAR RATIO : 1:21



### Luxury Mode Button Dimensions

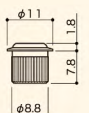
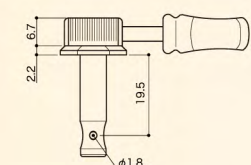
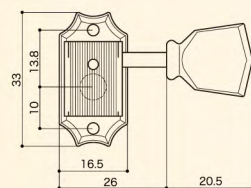


## VINTAGE STYLE GUITAR MACHINE HEAD



**SD90-LX01**

STRING POST : STANDARD  
FINISHES : N. GG. B. CK  
GEAR RATIO : 1:15



\* Luxury Mode machine heads have limited options such as string posts, colors and buttons.

Finishes : N (Nickel), C (Chrome), GG (Gold), B (Black Chrome), CK (Cosmo Black)



## GUITAR BRIDGE

### GTC-Art

FINISHES : C. GG. B. CK



GTC-Art-02



GTC-Art-03  
"IN-TUNE" BS SADDLE  
DUAL-LOADING



## CONTROL PANEL

### CP-10-Art-01

FINISHES : C. GG. B. CK

## NECK JOINT PLATE

### NBS-Art

FINISHES : C. GG. B. CK



NBS-Art-01  
(Crest)



NBS-Art-02  
(Japanese Art)



NBS-Art-04  
(Acanthus)

## CONTROL KNOB

### VK-Art (VK1-19)

FINISHES : C. GG. B. CK



VK-Art-01 (Eye of Horus)



VK-Art-02 (Skull)



VK-Art-03 (Cross)

## TAILPIECE

### GE101A-LX01

FINISHES : N. GG. B. CK





- \* Relic Series products are limited to specific models and options.
- \* SD90 with standard string posts and SL buttons.
- \* SD91 with standard string posts and 05M buttons.
- \* The process creates unique textures in each individual part.
- \* It is possible for the texture and appearance to further develop and change depending on operating conditions and age.
- \* Basic specifications conform to those of the regular product.
- \* Please check details, such as a dimension, by the each product page or an official web.







# The Intentional Aged String Instruments Parts

## SERIES

SD91



Finish : Aged Nickel  
String Post : STANDARD  
Gear ratio : 1 : 15  
Button : 05M

**New parts with a realistic aged appearance.**

Most aged-looking machine heads on the market are the result of chemical treatments and polishing processes. Unfortunately, those treatments also affect the durability and functionality of the parts. GOTOH Relic Series parts are crafted to look aged during production. Key internal components are not affected by this process and retain their usability and durability. This is the advantage of being developed at the manufacturing stage.

BS-T61



Finish : Aged Chrome

FB30



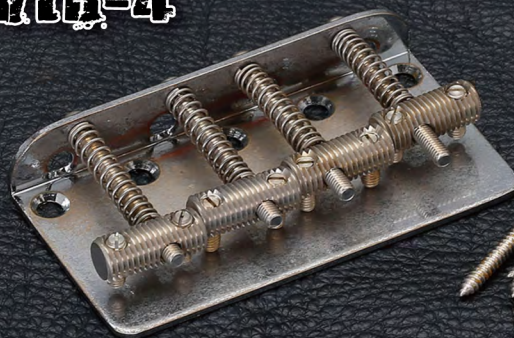
Finish : Aged Nickel

NBS-3



Finish : Aged Chrome

VTB-4



Finish : Aged Chrome

RG105  
RG130



Finish : Aged Nickel

TLR-1



Finish : Aged Nickel

GP20



Finish : Aged Chrome

RB20



Finish : Aged Nickel



English Edition 2025 ~



[www.g-gotoh.com](http://www.g-gotoh.com)

**GOTOH®**

3040 Miyako-cho, Isesaki, Gunma, 372-0801 Japan TEL 0270-25-3608 FAX 0270-23-8432

Specifications subject to change for further quality improvement without notice.

**GOTOH®** GUITAR HARDWARE and MACHINE HEADS are sold and serviced by