





LUBRI-COATIN With a "Solid Lubrication Coat", regular oil has been eliminated keeping the lubrication where it is peeded for the life. It is is needed for the life of the tuning machine heads. It is now enhanced with a newly developed anti-transformable lubrication oil and this reduces the friction between the gears resulting an ultra smooth feel minimal back lash and unrivalled tuning stability.



LUBRI-PLATE™

Taking the concept of solid lubrication to an even higher-level Gotoh have developed a new process of application for their exclusive "510" and "X" series gears. By creating a "Complex lubricating plating layer", surface of all the moving gears have been coated through an Electro Plating process and are now enhanced with GSP that is a newly developed polymer compound specifically formulated to work with Gotohs LUBRI-COAT.

With a "Solid Lubrication Coat", oil has been eliminated keeping the lubrication where it is needed for the life of the tuning machine heads.



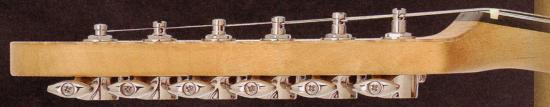
ROCK-SOLID™ STRING POST

Next time you change your strings, before you put on your new set, take a look at your tuning machine head posts. See how they move from rock side to side! This has been a problem with tuning machine heads since they were invented. Now GOTOH introduce "Rock-Solid" TM String

Gotoh SG-Series, SE-Series and SD-Series feature Rock-Solid™ string post (except for a few models) and have 5 kinds of post variation, Standard, Magnum Lock (MG)®, H.A.P.®, H.A.P.A. and H.A.P.M. which you can choose. It gives unrivalled tuning stability for Vibrato equipped guitars. Gotohs advanced technology and developing spirit have greatly won the confidence of many guitar builders in the world.



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





Gotoh Magnum Lock is the ultimate string locking system with simple and steady mechanism.

Eliminating the "string wraps" around tuning machine head posts is a great asset when keepimg vibrato-equipped guitars in tune without the use of troublesome clamps and fine tuners.

By locking the string on the post, only half a turn is required to bring most strings up to pitch, allowing the string to return to its' original position after bending or slackening off during dive bombing. The device is self-locking(string is clamped in place by the simple act of tuning to pitch). Tuning stability is taken to a new level with the introduction of the "Rock-Solid"™ String posts on selected Tuning machine heads with Magnum-lock feature.





H.A.P. THEIGHT Adjustable Posti PAT.

Gotoh H.A.P is the world first system that enables you to adjust string post height as you like.

Creating the perfect down pressure over a guitars nut is a complex balance between Headstock angle and Tuning machine head post height selection.

Height adjustable posts take away tha guesswork by allowing you to dial in the exact angle you need for, friction, string pressure/tension and open string sound and sustain. Ideal for flat style peg heads when string trees need to be eliminated.

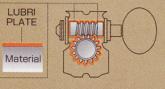






Guitars with angle back peg-heads can sometimes benefit from slightly less pressure at the nut. HAP-A tuning machine heads are designed to adjust the string anchor point away from the face of the headstock allowing you to select the perfect angle and feel.





LUBRI COAT

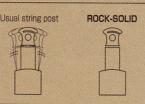
Material



Combining the ability of post height adjustment with the Magnum lock feature gives a machine head that is the perfect choice for flat peg-head style guitars equipped with a Vibrato. Removing the string tree on this type of guitar is essential for tuning stability, couple this with the advantage of a locking string post(eliminating string wraps) and you have the ultimate set up.



Always follow the instructions in the instruction manual/leaflet.







X Finish

After developing the revolutionary "Lubri-Plate" lubrication process, further experimenting revealed other assets of this unique application.

Gotoh have used this to create "X-Finish" TM.

Due to its' natural properties "X-Finish" $^{\text{TM}}$

will keep your chosen instrument performing better for longer.

Please note: Color may be subject to change after a long period of use.

This does not affect its performance

and can result in a very pleasing "Aged / Vintage "appearance.

*For more detail on Lubri-Plate™ and "X"-finish™ see explanation on page 1

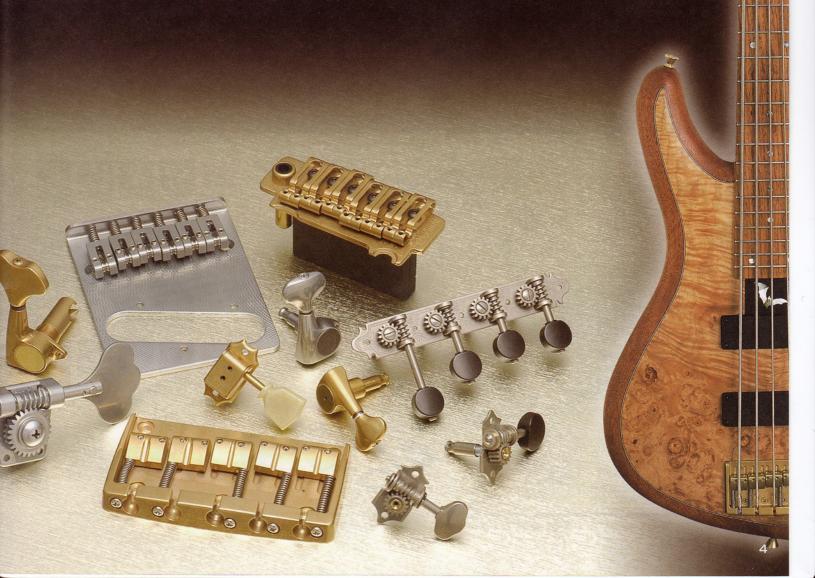
It's the ultimate finish! It can result in an unique appearance for life no matter what your instrument is subject to water or any dirts.

Up to now tuning machine heads have been lubricated with oil or grease. This can leak out in time causing problems with the guitar finish and causing poor performance of the worm gears. Now Gotoh's new "X-finish "combined with "Lubri-Plate" is designed to reduce this to a minimum keeping your instrument looking like new and performing better for longer. Gotoh has now utilized this revolutionary finish on selected bridges and bridge components for even better performance and enhanced tuning stability.



New models added to "X" series finish: XN/XC/XG

- ■Guitar Machine Heads
 - SG-510Series · SE-510seris · SE-700Series · SD-510Series
- ■Planetary Banjo Tuners
 - SPBJ-4 · SPBJ-5
- ■Bass Guitar Machine Heads
 - RES-O-LITE Series / GB350 · GB640 · GBR640 · GB528 · GB528S
- ■Tremolo Unit
 - EV510T · EV510TS
- **■**Guitar Bridge
 - GTC510 · 510FA · 510FB · 510UB
- Bass Bridges
 - J510SJ/B0/A0 · 404SJ/B0/A0 · 303SJ/B0/A0



Electric and Acoustic Guitar Machine Heads

SG-510 Series

Featuring "Rock-Solid posts and Lubri-Plate " (now enhanced with G.S.P). G.S.P is a newly developed polymer compound specifically formulated to work with Gotohs. LUBRI-PLATE process creating even less friction between the gears giving ultra smooth feel and longer life to the gears. This reduces the friction between the Gears resulting in an ultra smooth feel minimal back lash and unrivalled tuning stability for Vibrato equipped guitars.

New SGV510 are the ultimate in tuner technology, only available from GOTOH.

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



SGS510

SGS510 SGS510MG SGS510H.A.P SGS510H.A.P.A SGS510H.A.P.M



Finishes C.GG.CK.VC.XN.XC.XG Mission 1:15 SGS510-S5-L HAPM SGS510-B07-R HAP





SGS510Z SGS510ZMG SGS510ZH.A.P SGS510ZH.A.P.A SGS510ZH.A.P.M



Finishes	C.GG.CK.VC.XN.XC.XG
Mission	1:18
e.g.	SGS510Z-EN07
	SGS510Z-S5-L HAP
	SGS510Z-P7-L MG







SGL510Z

e.g.

SGL510Z SGL510ZMG SGL510ZH.A.P SGL510ZH.A.P.A SGL510ZH.A.P.M



Finishes C.GG.CK.VC.XN.XC.XG Mission 1:21 e.g. SGL510Z-L5 SGL510Z-EN01 MG SGL510Z-P1 HAPM

SGL510-P2

SGL510-L5 HAPA SGL510-L5 MG



SGV510 SGV510MG SGV510H.A.P SGV510H.A.P.A SGV510H.A.P.M



Finishes C.GG.CK.VC.XN.XC.XG Mission 1:18 SGV510-L5 SGV510-P1 MG SGV510-EN01 HAPA



SGV510Z SGV510ZMG SGV510ZH.A.P SGV510ZH.A.P.A SGV510ZH.A.P.M



Finishes C.GG.CK.VC.XN.XC.XG Mission 1:21

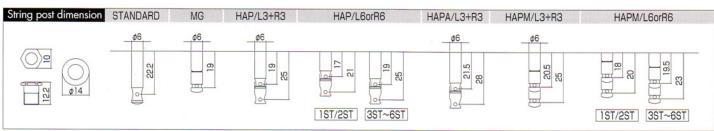
e.g.

SGV510Z-BL5 HAP SGV510Z-S5 SGV510Z-L5 HAPM











SG Series

SG503

SG503 SG503MG SG503H.A.P SG503H.A.P.A SG503H.A.P.M

Finishes	C.GG.CK.VC
Mission	1:15
e.g.	SG503-07-L
	SG503-01 MG
	SG503-05P2-L HAP



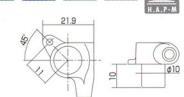












SG301

SG301 **SG301MG** SG301H.A.P SG301H.A.P.A SG301H.A.P.M

Finishes	C.GG.CK.VC
Mission	1:18
e.g.	SG301-20
	SG301-M01 HAPA
	SG301-04 MG



SG360 SG360MG SG360H.A.P SG360H.A.P.A SG360H.A.P.M

Finishes	C.GG.CK.VC
Mission	1:14
e.g.	SG360-EN07-R
	SG360-01
	SG360-P8-L HAPM



SG381 SG381MG SG381H.A.P SG381H.A.P.A SG381H.A.P.M

Finishes	C.GG.CK.VC	
Mission	1:16	
e.g.	SG381-P1	
	SG381-05-L MG	
	SG381-B20 HAPA	



SGM SGMMG

Finishes	С
Mission	1:16
e.g.	SGM-05P1-L
	SGM-07-L MG
	SGM-20

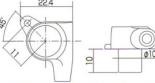






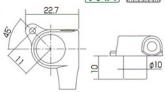


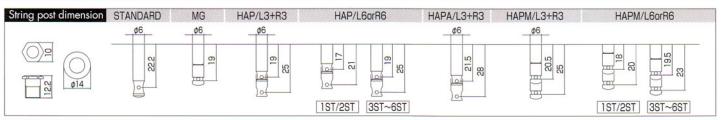












SG Series BUTTON OPTION

























































































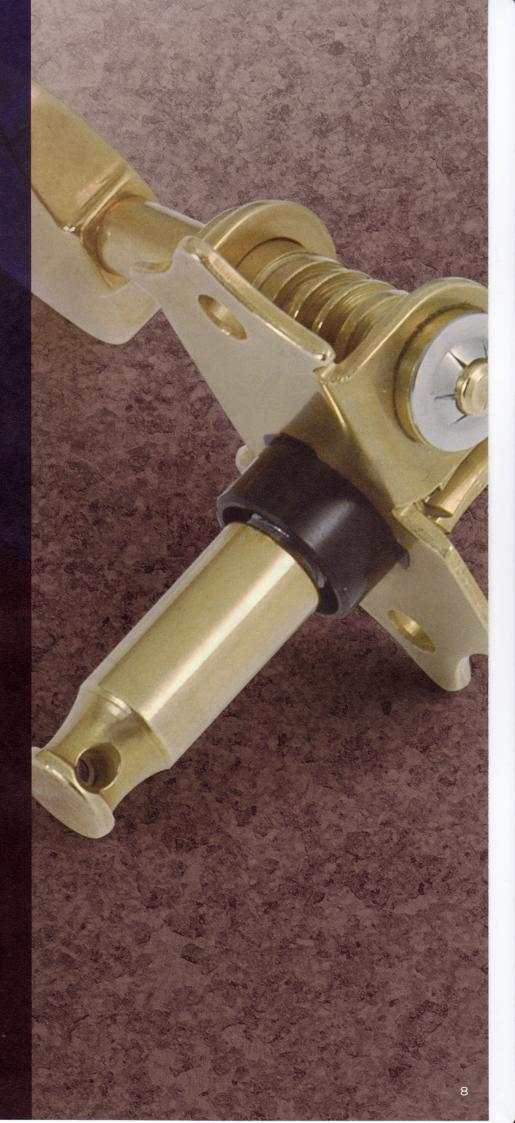




EN07

SE510 Series SD510 Series

Open backed tuners have sometimes been criticized for not having the same smooth performance has sealed gear tuners due to the fact that their post can sometimes bind on the bushings that guide the post through the headstock face. "Gotoh have eliminated this problem by combining the post collar found on enclosed gears onto the base plate of the open gear allowing the post to perfectly align itself with the bushing that attaches the gear to the headstock. Combining Rock-solid technology with this new method of attachment has created the ultimate open back tuners.



SE-510 Series

SE510

SE510 SE510MG SE510H.A.P SE510H.A.P.A









Finishes N.C.GG.CK.VC.XN.XC.XG Mission 1:15

e.g. SE510-06M

SE510-SLP1 HAPA

33.5 13.8 10 H9.5 φ8.8 0 φ8.7

SE510M

SE510M SE510MMG SE510MH.A.P SE510MH.A.P.A









Finishes N.C.GG.CK.VC.XN.XC.XG Mission 1:15

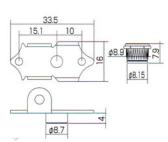
e.g.

SE510M-05M MG SE510M-SLM



SE510WMG SE510WH.A.P SE510WH.A.P.A





SE510W





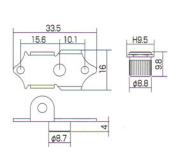




Finishes N.C.GG.CK.VC.XN.XC.XG Mission 1:15 SE510W-SL HAP e.g. SE510W-06M

SES510 SES510MG







SES510H.A.P



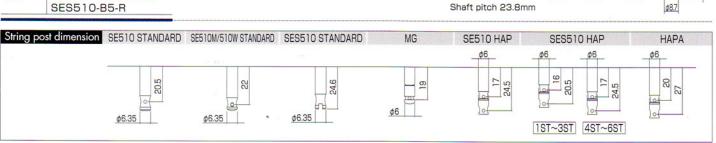


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Finishes	N.C.GG.CK.VC.XN.XC.XG	
Mission	1:15	
e.g.	SES510-05M-L MG	
	SES510-B5-R	



SE Series

***Self-center guide Pat.P**



SE700 SE700MG

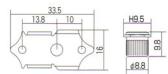






Finishes	N.C.GG.CK.VC.XN.XC.XG	
Mission	1:15	
0.0	SEZOO OSM	

SE700-06M SE700-SL MG



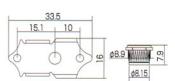




Finishes	N.C.GG.CK.VC.XN.XC.XC	
Mission	1:15	
e.g.	SE770-05M	

SE770-SLP2





SE780

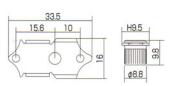




Finishes	N.C.GG.CK.VC.XN.XC.XC
Mission	1:15
e.g.	SE780-SLB
	SE780-06M

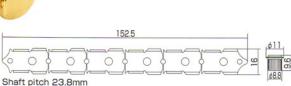
SE701





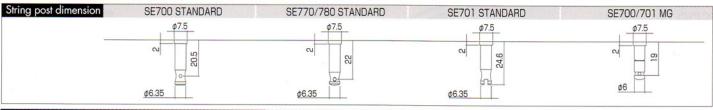








Finishes	N.C.GG.CK.VC.XN.XC.XG
Mission	1:15
e.g.	SE701-05MA-L
	SE701-P5R-LMG



SE-510/SE Series BUTTON OPTION























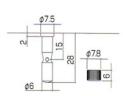


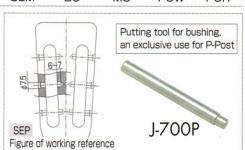












SD-510 Series

***Self-center guide Pat.P**

SD510

SD510 SD510MG SD510H.A.P SD510H.A.P.A SD510H.A.P.M











Finishes N.GG.CK.VC.XN.XC.XG Mission 1:15 SD510-06M e.g. SD510-SLM HAPA



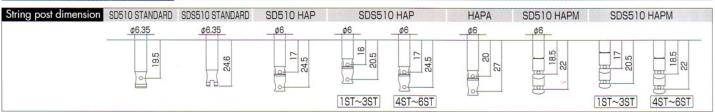
Φ8.8 φ8.7

SDS510

SDS510 SDS510MG SDS510H.A.P SDS510H.A.P.A SDS510H.A.P.M



Finishes N.GG.CK.VC.XN.XC.XG Mission 1:15 e.g. SDS510-05M-L SDS510-B5-L MG

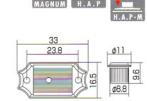


SD Series

SD90

SD90 SD90MG

: :	SD90H.A.P SD90H.A.P.A SD90H.A.P.M	
Finishes	N.GG.CK.VC	
Mission	1:15	
e.g.	SD90-SL SD90-SLP1 HAP	



SD91

e.g.

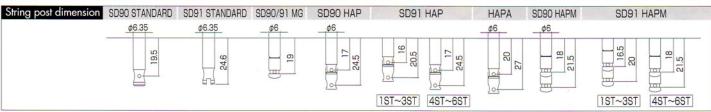
> SD91 SD91MG

	SD91H.A.P.A SD91H.A.P.M
Finishes	N.GG.CK.VC
Mission	1:15

SD91-05M-L MG

SD91-M5-R





SD-510/SD Series BUTTON OPTION





























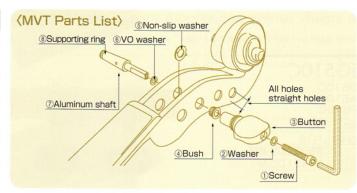
Finishes: N-Nickel, C-Chrome, GG-Gold, CK-Cosmo Black, VC-Violet Chrome, XN-Excellent Nickel, XC-Excellent Chrome, XG-Excellent Gold



Violin/Cello Tuner

GOTOH MVT/MCT(PAT.P) Feature

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





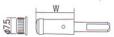
4/4~3/4 for Violin



MVT-440T Combination list

No. W	18mm	17mm	16mm	15mm	14mm	13mm
MVT440T-A	0	0	0	0		
MVT440T-B		0	0	0	0	
MVT440T-C			0	0	0	0

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



I-440T

MVT-440T Special assembling tool



MVT-120T

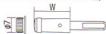
1/2~1/4 for Violin



MVT-120T Combination list

No. W	17mm	16mm	15mm	14mm	13mm	12mm
MVT120T-A	0	0	0	0		
MVT120T-B		0	0	0	0	
MVT120T-C			0	0	0	0

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



I-120T

MVT-120T Special assembling tool



MVT-MINI

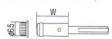
1/8~1/16 for Violin



MVT-MINI Combination list

No. W	15mm	14mm	13mm	12mm	11mm
MVT-MINI-A	0	0	0	0	
MVT-MINI-B		0	0	0	0

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



J-MINI

MVT-MINI Special assembling tool



MCT-440T

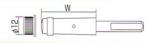
4/4~3/4 for Cello



MCT-440T Combination list

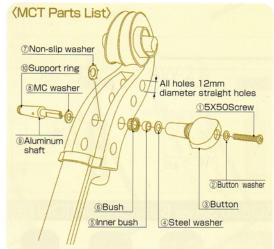
No. W	37mm	35mm	33mm	31mm	29mm	27mm	25mm
MCT440T-A	0	0	0	0			
МСТ440Т-В		0	0	0	0		
MCT440T-C			0	0	0	0	
MCT440T-D				0	0	0	0

Please call us with the shaft No. if you need a special set which is not included in the normal set. (Example: MCT440T-35/33/29/25)



JC-440T
MCT-440T
Special assembling tool





Classic Guitar Machine Heads 35G510 Series

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

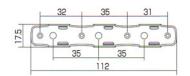
For more detail on Lubli-PlateTM and Rock-SolidTM see explanation on page 1

35G510C

35G510C 35A510C

3575100		
Finish	GG	
Mission	1:16	
e.g.	35G510C-BM	
	354510C-M	





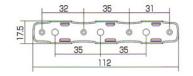


35G510P

35G510P 35A510P 35P510P

Finish	GG
Mission	1:16
e.g.	35A510P-P
	35P510P-KB





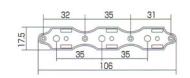


35G510QC

35G510QC 35A510QC 35P510QC

Finish	MTG
Mission	1:16
e.g.	35G510QC-KM
	35A510QC-EN







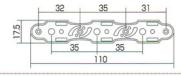
35G510S

35G510S 35A510S 35P510S

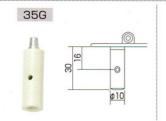
Finisnes	N.CK
Mission	1:16
e.g.	35G510S-2R
	35P510S-BB

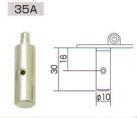


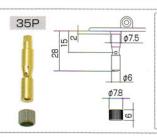


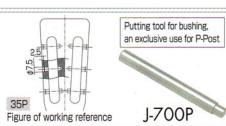












35G510 Series BUTTON OPTION























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

*For 35P tuning machine heads with P-Post, some modification to your guitars headstock may be necessary. See drawing for details.

35G6500

35G6500 35P6500

Finish SB Mission 1:14 e.g. 3566500-BB 3566500-2W

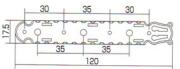


35G1800

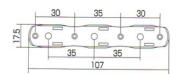
35G1800 35P1800

Finish	SB
Mission	1:14
e.g.	35G1800-2N
	35P1800-1W











35G1600

35G1600 35P1600

Finish GG
Mission 1:14
e.g. 3561600-2R
3561600-1M

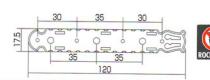


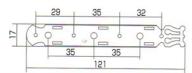
35G480

35G480 35P480 Finish G0

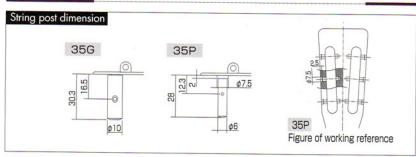
Finish	GG
Mission	1:14
e.g.	35P480-EI
	35G480-EW



























EN







35G420

35G420 35P420

Finish SG Mission 1:14

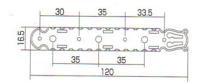


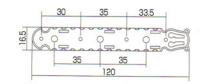
35G350

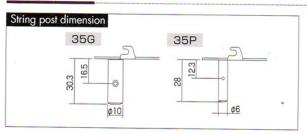
35G350 35P350

Finish N Mission 1:14









Mandolin Machine Heads

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

MA40

Finishes	N.GG
Mission	1:14
e.g.	MA40R-MM
	MA40R-MF



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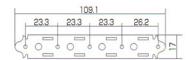
MA40R

Finishes	N.GG
Mission	1:14
e.g.	MA40R-MP
	MA40R-MB

Reverse wind

*Minimum production for 30 sets per color is required.



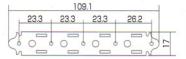




MF40

Finishes	N.GG
Mission	1:14
e.g.	MF40-MB
	MF40-MP





MF40R

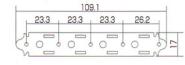
Finishes	N.GG
Mission	1:14
e.g.	MF40R-MP
	MF40R-MM

Reverse wind

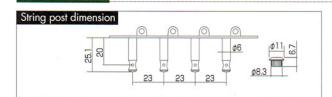


*Minimum production for 30 sets per color is required.









MA40/MF40 BUTTON OPTION



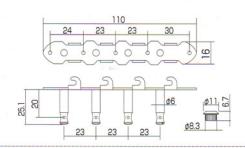




M120

Finishes	N.GG
Mission	1:14

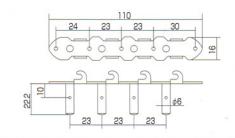




M120S

Finishes	N.GG
Mission	1:14





Ukulele Peg

Ukulele Evolution



UK12

Finis	shes	N.GG
Mis	sion	1:14
e.g.		UK12-05
		UK12-B5

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

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





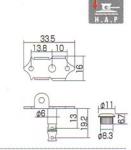
UK700

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

High performance peg with H.A.P. system

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





UK12/700 BUTTON OPTION







UKA

0101	
Finishes	N.GG
Mission	1:1
e.g.	UKA-3W
	UKA-4B





Where Aluminum is used on these tuners nickel or gold plating is still employed so as to minimize marking of the shaft, due to string windings.

String tension causing de-tuning of strings due to reverse post movement is eliminated due to Gotoh's unique manufacturing techniques.

UKA BUTTON OPTION









UKB

Finishes N.GG





Planetary Banjo Tuners

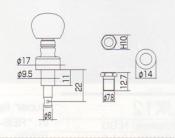
Developed by a new idea from "Gotohs high processing technology. Tuning performance has greatly enhanced in comparison to the one existing in the past and gear feels so smooth. Especially 5th peg is a super banjo tuner as many problems experienced in the past have been improved tremendously.

SPBJ-4



Finishes	N.C.GG.XN.XC.XG	
Mission	1:4	
e.g.	SPBJ-4-HB	
	SDB I A DM	

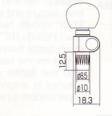




SPBJ-5



Finishes	N.C.GG.XN.XC.XG
Mission	1:13
e.g.	SPBJ-5-PW
	SPBJ-5-HM



SPBJ BUTTON OPTION











GOTOH Display Package



Bass Machine Heads

RES-O-LITE Series Super lightweight bass machine heads.

Bass guitars by their very nature have always been " neck heavy ". This resulted Weight comparison (per pc.) form the early designs inheriting their tuners from the original double bass. With the advent of 5 and 6 string basses this unbalance was emphasized even more, making the bass uncomfortable to play for long sessions/performances etc..

Neck heavy basses can now be a thing of the past.

Whether you are building a new bass or improving one of the many classic models of the past, Gotohs' extensive range of traditional or contemporary bass tuners, manufactured in new RES-O-LITE™(aluminum alloy) should be your first choice.

Gotoh old models	RES-O-LITE™ series
GB70 64.4g	GB350 35.0g
GB9 115.5g	GB640 64.0g
GB30 83.0g	GB528 52.8g

GB350

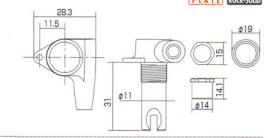


Finishes C.GG.CK.VC. XN.XC.XG

Mission 1:20

Plastic button(Plated)





GB640

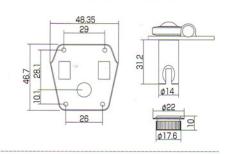




Finishes N.GG.CK.VC. XN.XC.XG

Mission 1:28 Left side only





GBR640



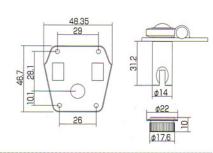


Finishes N.GG.CK.VC. XN.XC.XG

Mission 1:28

Reverse wind / Left side only



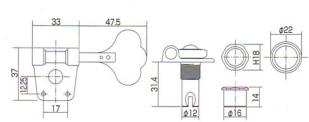


GB528



Finishes N.GG.CK.VC. XN.XC.XG

Mission 1:26

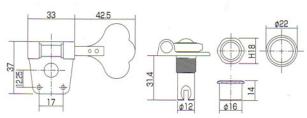


GB528S



Finishes N.GG.CK.VC. XN.XC.XG Mission 1:26





New GBS510 are the ultimate "Top of the line "Gotoh bass Tuners. All models feature "Lubri-Plate "™ on gears and "Rock-Solid "™ post. String post has been increased in diameter by 1mm helping to transmit even more string vibration and resonance to the headstock. GB707 and its lightweight models GB720W/GB720B are Gotohs most popular series of contemporary design bass Tuners. Gears are coated in "Lubri-Coat" ™ and "Rock-Solid "™ string post that is now increased to 11mm diameter gives ultra stable tuning and smooth torque adjustment.

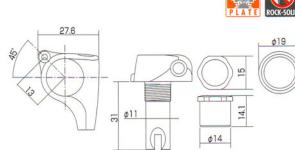




Finishes C.GG.CK.VC. XN.XC.XG Mission 1:22

Aluminum shaft

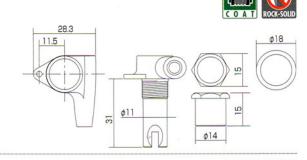




GB720

Finishes C.GG.CK.VC
Mission 1:20
Aluminum shaft
Plastic button(Plated)
World design Pat.

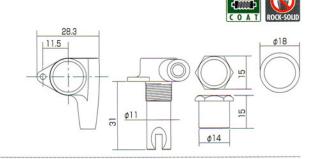




GB720W

Finishes C.GG.CK.VC
Mission 1:20
Aluminum shaft
Plastic button
World design Pat.

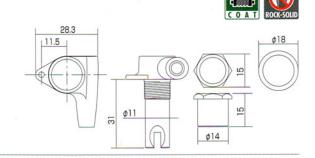




GB720B

Finishes C.GG.CK.VC
Mission 1:20
Aluminum shaft
Plastic button
World design Pat.

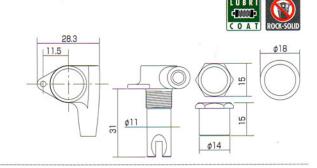




GB707

Finishes C.GG.CK.VC
Mission 1:20
World design Pat.



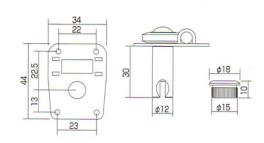


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GB1

Finishes N.GG.CK.VC Mission 1:21

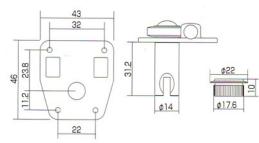




GB2

Finishes N.GG.CK.VC Mission 1:26

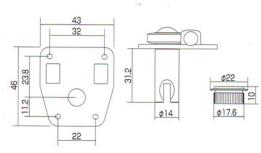




GB29

Finishes N.GG.CK.VC
Mission 1:26
Reverse wind

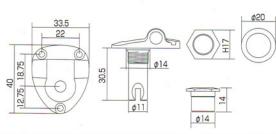




GB11W

Finishes C.GG.CK.VC Mission 1:20

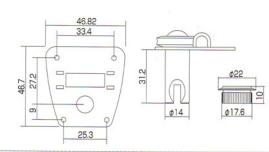




FB3

Finishes N.GG.CK.VC Mission 1:20

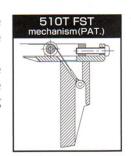




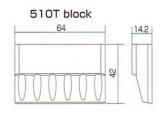
Tremolo Units

510T series Vibrato bridges have precision machined Chrome Molybdeunm Steel knife edges and top plates. Heat treated and case hardened to Rockwell 45 " C " scale these knife edges are made for long life and low wear giving years of trouble free use.

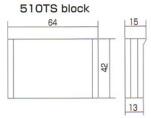
Unique design of block allows strings to contact saddle without touching the block(see illustration FST "patented") this gives direct pressure on the intonation point of the saddle for better sustain and minimizes string "hang up "giving increased tuning stability.











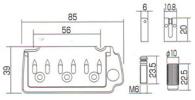
510TS features a Steel block, not FST function.

EV510T EV510TS



Finishes C.GG.CK.VC.XN.XC.XG Stainless string guide, string pitch 10.8mm Stud lock-Pat.

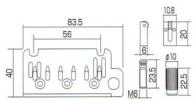




510T-RS1 510TS-RS1

Finishes C.GG.CK.VC Steel with stainless roller saddle, string pitch 10.8mm Stud lock-Pat.



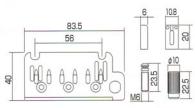


510T-FE1 510TS-FE1

Finishes C.GG.CK.VC

Steel saddle, string pitch 10.8mm Stud lock-Pat.

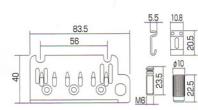




510T-SF1 510TS-SF1

Finishes C.GG.CK.VC Steel saddle(sheet metal), string pitch 10.8mm Stud lock-Pat.

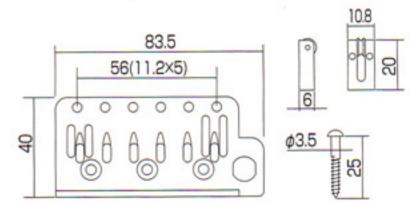




510T-RS2 510TS-RS2

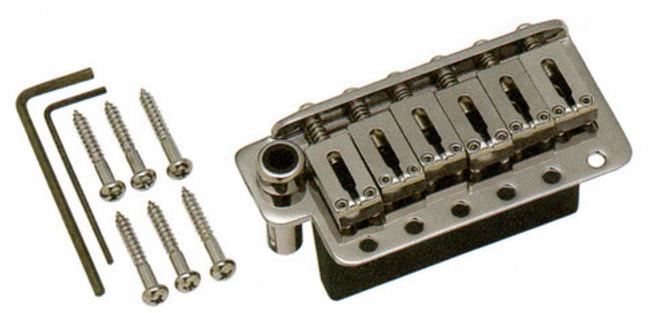
Finishes C.GG.CK.VC
Steel with stainless roller saddle, string pitch 10.8mm

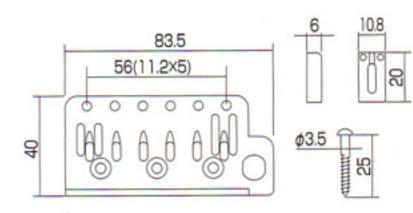




510T-FE2 510TS-FE2

Finishes C.GG.CK.VC Steel saddle, string pitch 10.8mm

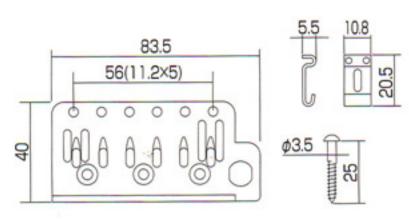




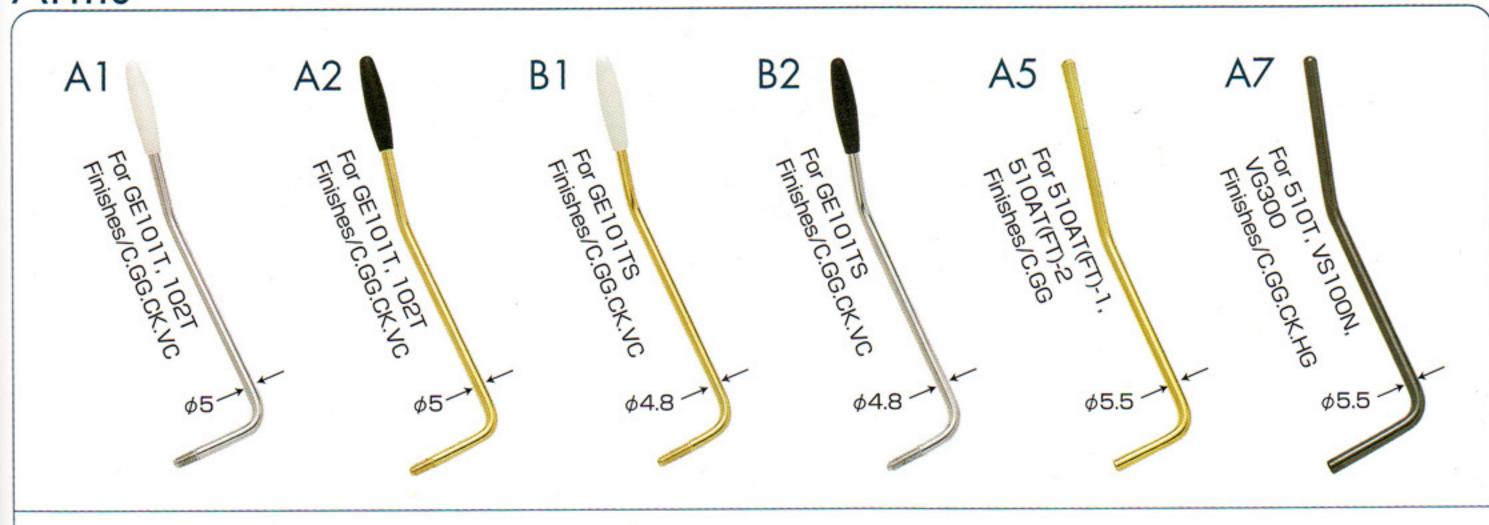
510T-SF2 510TS-SF2

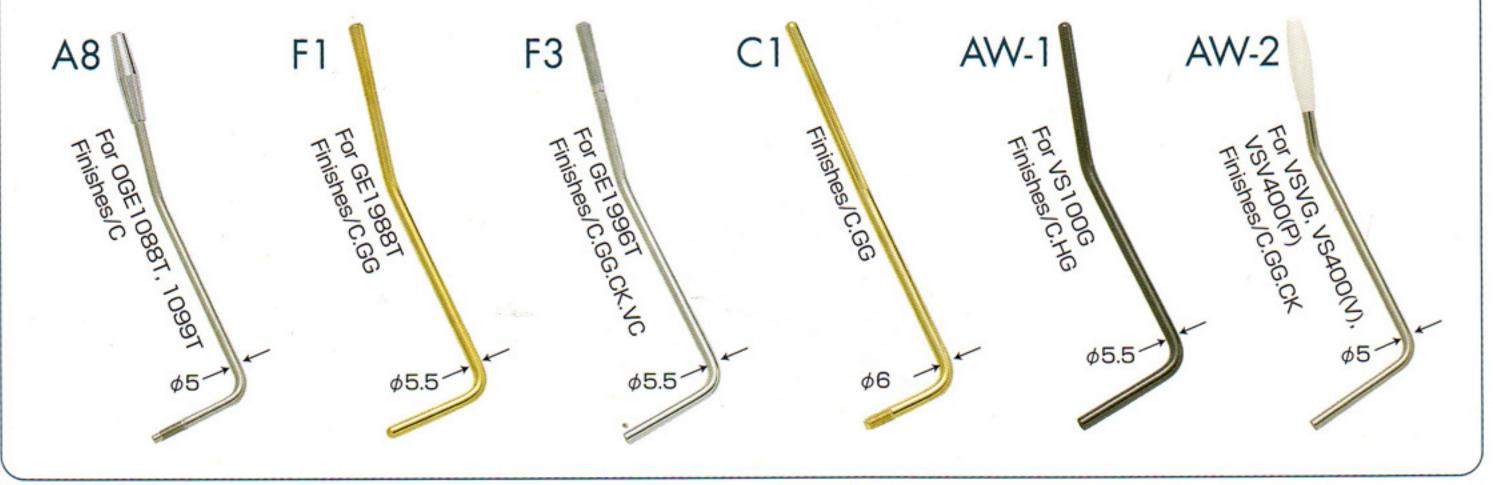
Finishes C.GG.CK.VC Steel saddle(sheet metal), string pitch 10.8mm





Arms





Finishes: N-Nickel, C-Chrome, GG-Gold, CK-Cosmo Black, VC-Violet Chrome, XN-Excellent Nickel, XC-Excellent Chrome, XG-Excellent Gold

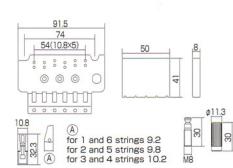
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Tremolo Units & Lock Nuts

GE1996T

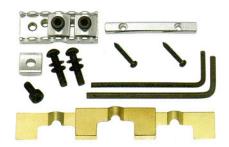
Finishes C.GG.CK.VC Specially processed steel saddle, string pitch 10.8mm Stud lock-Pat.





FGR-1 FGR-2 GHL-1 GHL-2

Finishes C.GG.CK.VC







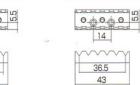








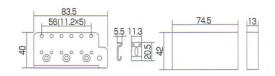
GHL-2



GE101T

Finishes C.GG.CK.VC Steel saddle(sheet metal), string pitch 11.3mm

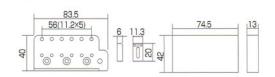




GE102T

Finishes C.GG.CK.VC Steel saddle, string pitch 11.3mm

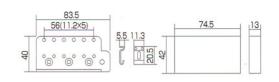




GE101TS

Finishes C.GG.CK.VC Steel block Steel saddle(sheet metal) with U.S.A. threads screws, string pitch 11.3mm





Guitar Bridges & Tailpieces 510 Series

GTC510

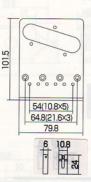


Finishes C.GG.CK.VC. XN.XC.XG

Stainless string guide, string pitch 10.8mm







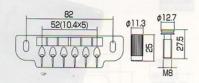
510UB



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

Hard zinc saddle Stud lock-Pat.





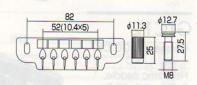
P510UB



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

Plastic saddle Stud lock-Pat.





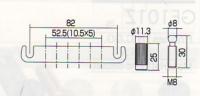
510FA



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

Material/Aluminum Stud lock-Pat.





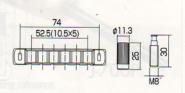
510FB



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

Brass saddle Stud lock-Pat.





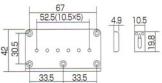
Guitar Bridges & Tailpieces

GTC101

Finishes C.GG.CK.

Brass saddle, string pitch 10.5mm



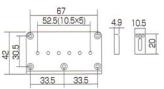


GTC102

Finishes C.GG.CK. VC

Steel saddle, string pitch 10.5mm

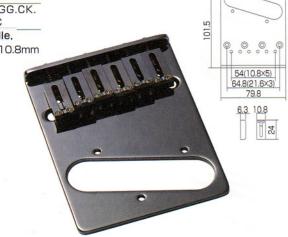




GTC201

Finishes C.GG.CK.

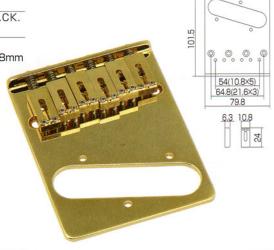
Brass saddle, string pitch 10.8mm



GTC202

Finishes C.GG.CK. VC

Steel saddle, string pitch 10.8mm

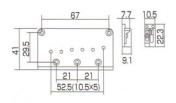


GTC12

Finishes C.GG.CK. VC

Hard zinc saddle, String pitch 10.5mm for 12-strings





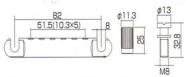
GE101Z

Finishes N.C.GG.

CK.VC

Material Zinc diecast



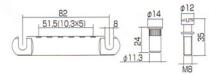


GE101Z-T

Finishes N.C.GG. CK.VC

Material Zinc diecast







Bass Bridges "Multi-Tonal" Series

303/404/J510 series of bass bridge assemblies allows bass players to "Dial in "their own individual sound that will suit their unique playing styles and sonic qualities of their chosen bass.

303 models have base-plates made from a specially blended Aluminum Alloy we call "RES-O-LITE" ™. Due to the inherent "multi frequency "resonance transfer properties of "RES-O-LITE" ™, a wider range of frequencies encompassing ground pounding bass to articulate highs are transmitted to the body of the guitar. 404/J510 have hard zinc base-plates that impart a flatter frequency response. This is sometimes preferred by bass players with active system where EQ can be adjusted to their specific needs.

Available saddle options "SJ" (Steel), "BO" (Brass) and AO ("RES-O-LITE" TM). Now you can design your own Bass Bridge for your unique sound. Never before has such a diverse "Tonal palette" been available for this most expressive of stringed instruments.

303SI 303SJ-4 4-strings 303SJ-5 5-strings String pitch 19mm String pitch 18mm Finishes C.GG.CK.VC. XN.XC.XG 100 Duralumin plate, Steel saddle 303SJ-6 6-strings String pitch 18mm 78(19.5×4) 17 8.5 303BO 303B0-4 4-strings 303B0-5 5-strings String pitch 19mm String pitch 18mm Finishes C.GG.CK.VC. THE THE XN.XC.XG Duralumin plate, Brass saddle 303BO-6 6-strings String pitch 18mm 78(19.5×4) 7 303AO 303A0-4 4-strings 303A0-5 5-strings String pitch 19mm String pitch 18mm 60(20×3) Finishes C.GG.CK.VC. XN.XC.XG Duralumin plate, Duralumin saddle 303A0-6 6-strings String pitch 18mm 78(19.5×4)

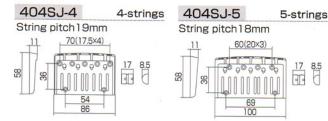
404SI



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

Hard zinc plate, steel saddle





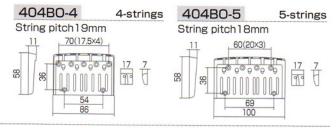
404BO



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

Hard zinc plate, brass saddle





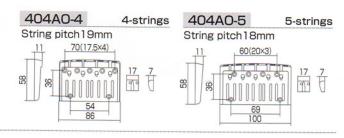
404AO



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

Hard zinc plate, Duralumin saddle





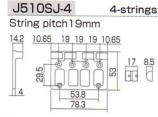
J510SJ

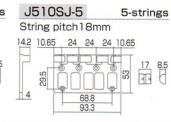


Finishes C.GG.CK.VC. XN.XC.XG

Hard zinc plate, Steel saddle







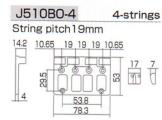
J510BO

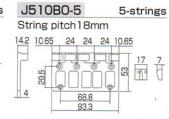


Finishes C.GG.CK.VC. XN.XC.XG

Hard zinc plate, brass saddle







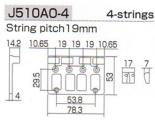
J510AO

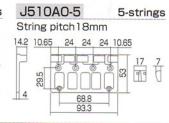


Finishes C.GG.CK.VC. XN.XC.XG

Hard zinc plate, Duralumin saddle





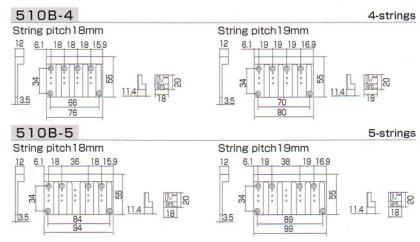


510 Series

510B

Finishes C.GG.CK.VC Steel saddle

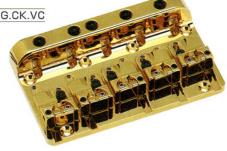


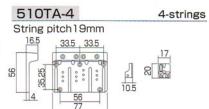


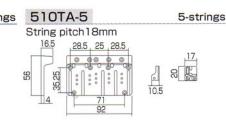
Production of 18mm and 19mm string spacing are available. Specify the pitch when placing order.



Finishes C.GG.CK.VC Steel saddle







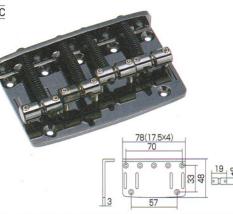
The angle of the string as it passes over the intonation point on a saddle is important on any guitar or bass. Being able to adjust this angle* and its' respective down pressure is a most usable feature. Strings that benefit mostly are the Low E and Low B strings on a bass. Too great an angle on these strings will result in reducing the speaking length of the string creating a false intonation point in front of the saddle and the string can sound dead or muffled. Gotohs' 510 TA bass bridge allows you to adjust the precise angle of the string as it touches the saddle.

*this is not intended as a fine tuning device



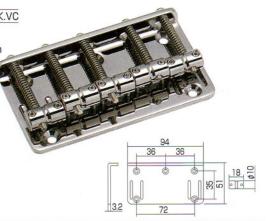
203B-4

Finishes N.C.GG.CK.VC Brass saddle, string pitch 19mm



205B-5

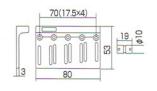
Finishes N.C.GG.CK.VC 5-strigs Brass saddle, string pitch 18mm



201B-4

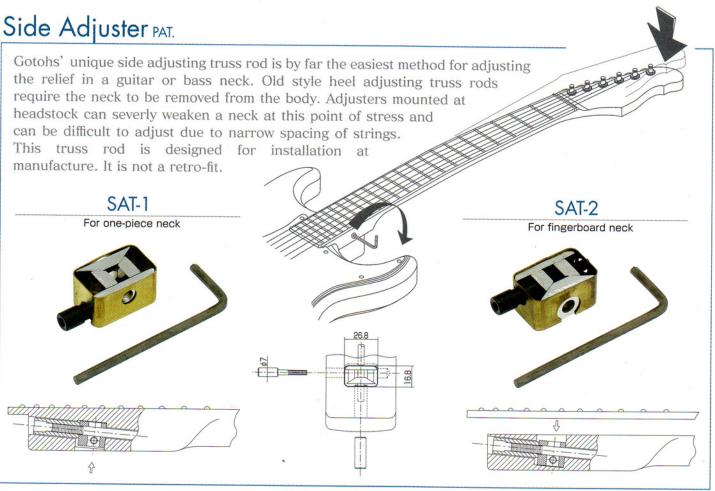
Finishes C.GG.CK.VC Brass saddle, string pitch 19mm





Saddle Sets





Finishes: N-Nickel, C-Chrome, GG-Gold, CK-Cosmo Black, VC-Violet Chrome, SB-Solid Brass

Free Lock

EPR-2 Finishes C.GG.CK.VC

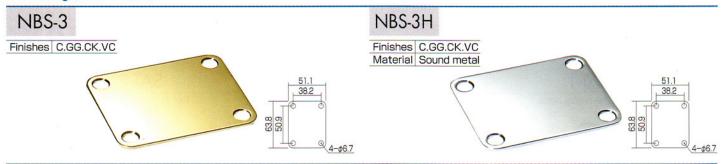
Strap Pin



Jack Cover



Neck Joint Plate



Control Panel

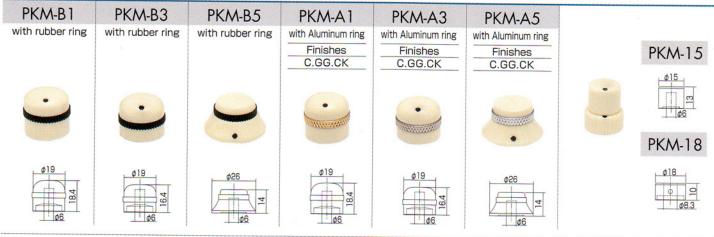


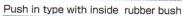
Tension Bar



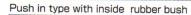
GOTOH Original control knob of Artificial Material

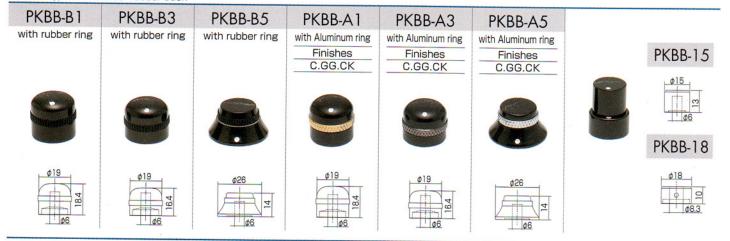
Push in type with inside rubber bush



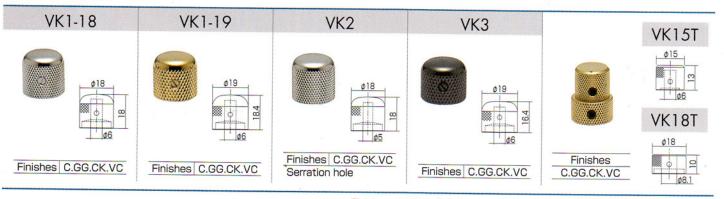




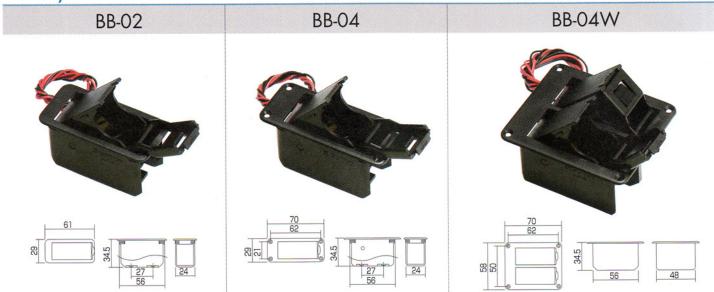




Dome Knob



Battery Box



String Retainer



Wrench Holder Spring Holder SPH WRH-1W WRH-1 55 34

Spring



Power Spring

Vibrato bridge is balanced by string tension and coil springs used for pulling its block and it is only by the power of coil springs to return to the original position after dive bombing of vibrato arm. It is important to have durable spring for all kinds of vibrato bridge and PSP power spring minimizes tuning instability by its durability when using vibrato.



Finishes: N-Nickel, C-Chrome, GG-Gold, CK-Cosmo Black, VC-Violet Chrome

Two-way Truss Rod PAT.P

Gotohs' TFC truss rods for Acoustic guitars can adjust a neck in both forward or backwards direction. Enabling the perfect action without relying on string tension alone to give neck relief. Installation at manufacture is as simple as conventional flat channel aluminium section. Also adds strength and stability to necks without adding undue weight.

