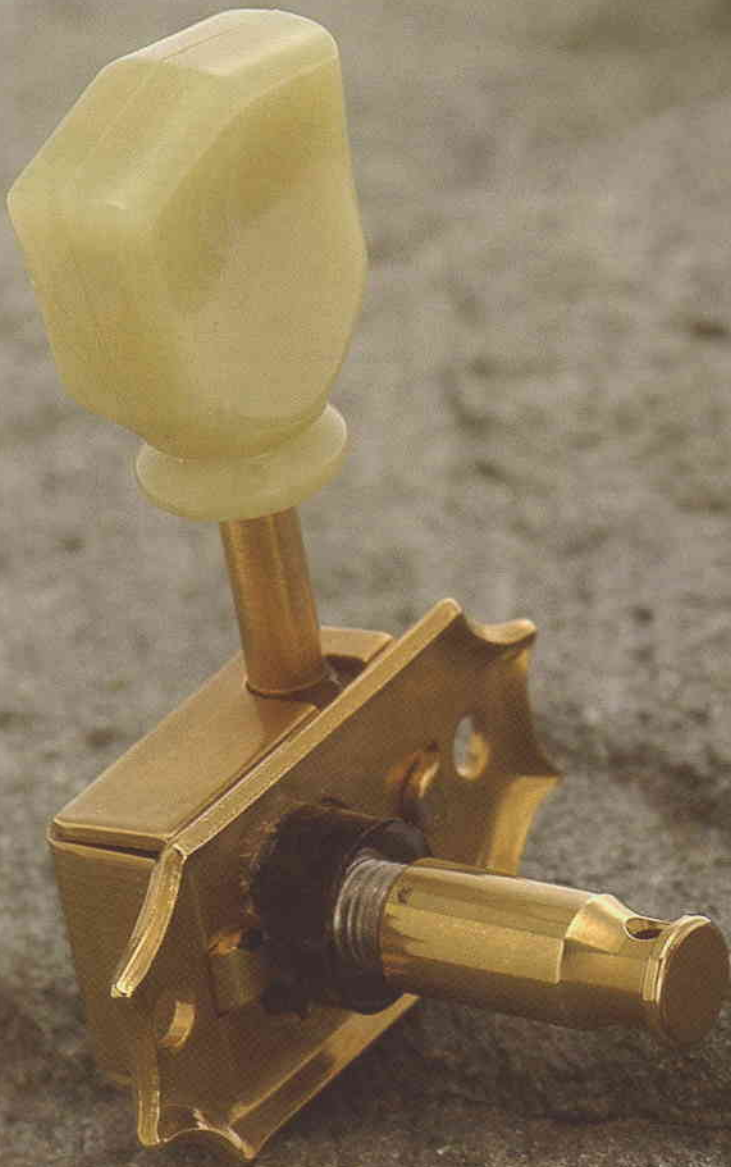


Electric and Acoustic Guitar Machine Heads

SE510 Series SD510 Series

Open backed tuners have sometimes been criticized for not having the same smooth performance as 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.



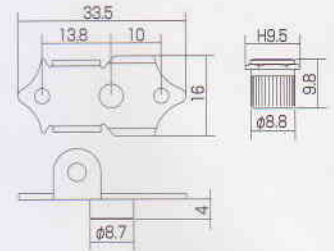
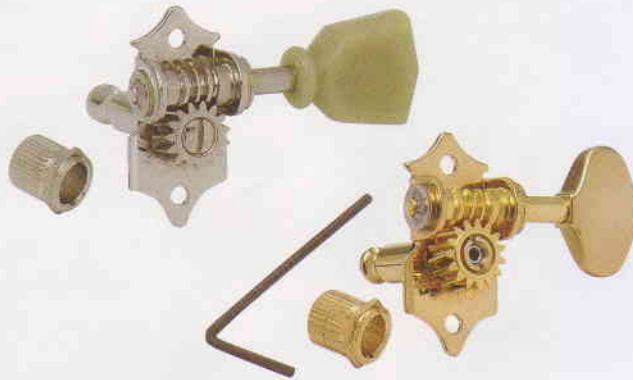
SE-510 Series

※Self-stop nut Pat. ※Self-center guide Pat.P

SE510



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

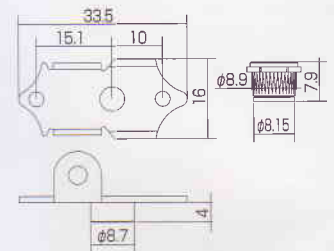
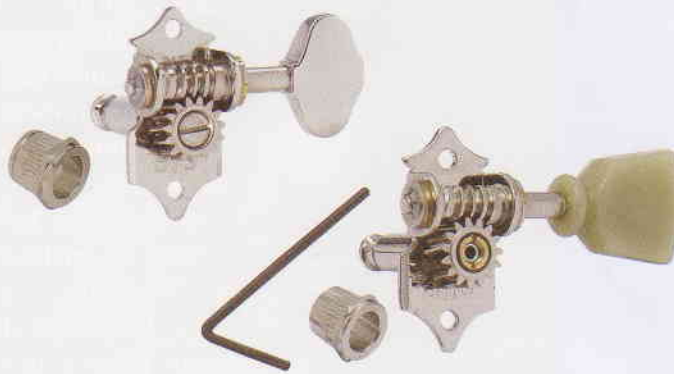


| | |
|------------|-----------------------------|
| Finishes | N.C.GG.CK.XN.XC.XG |
| Gear ratio | 1:15 |
| e.g. | SE510-06M SE510-P5W HAPA |

SE510M



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

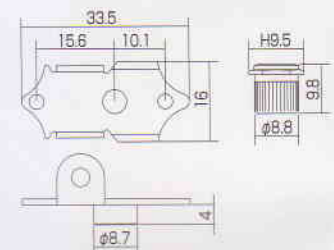
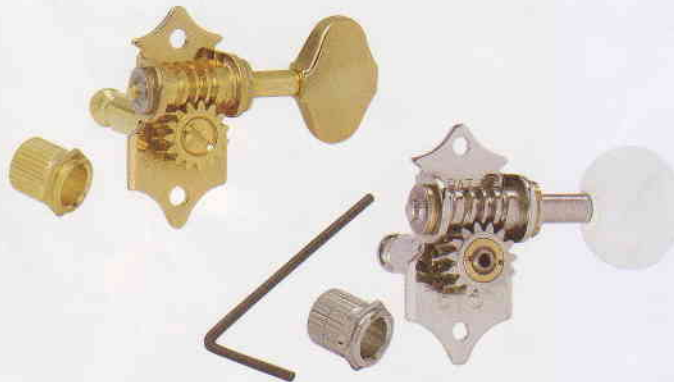


| | |
|------------|----------------------------|
| Finishes | N.C.GG.CK.XN.XC.XG |
| Gear ratio | 1:15 |
| e.g. | SE510M-05M MG SE510M-M5 |

SE510W



SE510W
SE510WMG
SE510WH.A.P
SE510WH.A.P.A

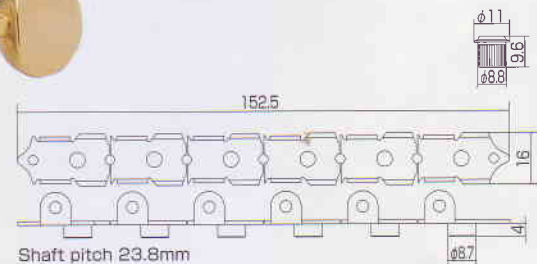


| | |
|------------|-----------------------------|
| Finishes | N.C.GG.CK.XN.XC.XG |
| Gear ratio | 1:15 |
| e.g. | SE510W-SL HAP SE510W-06M |

SES510



SES510
SES510MG
SES510H.A.P



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

String post dimension SE510 STANDARD SE510M/510W STANDARD SES510 STANDARD MG SE510 HAP SES510 HAP HAPA



1ST~3ST 4ST~6ST

SE Series

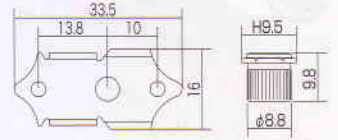
※Self-stop nut Pat.

SE700

SE700
SE700MG



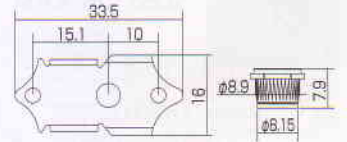
| | |
|------------|--------------------------|
| Finishes | N.C.GG.CK.XN.XC.XG |
| Gear ratio | 1:15 |
| e.g. | SE700-06M SE700-SL MG |



SE770



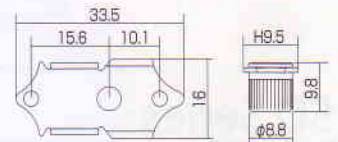
| | |
|------------|-----------------------|
| Finishes | N.C.GG.CK.XN.XC.XG |
| Gear ratio | 1:15 |
| e.g. | SE770-05M SE770-M5 |



SE780



| | |
|------------|------------------------|
| Finishes | N.C.GG.CK.XN.XC.XG |
| Gear ratio | 1:15 |
| e.g. | SE780-SLB SE780-06M |

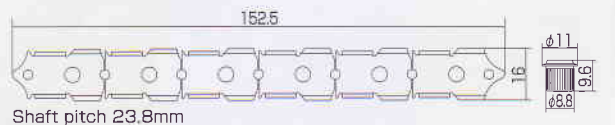


SE701

SE701
SE701MG



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



| String post dimension | SE700 STANDARD | SE770/780 STANDARD | SE701 STANDARD | SE700/701 MG |
|-----------------------|----------------|--------------------|----------------|--------------|
| | | | | |

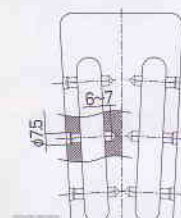
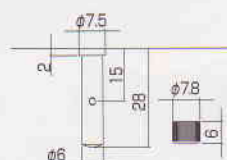
SE-510/SE Series BUTTON OPTION

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



for Slotted Head

SEP700
SEP770
SEP780



SEP Figure of working reference

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



J-700P

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

SD-510 Series

※Self-center guide Pat.P

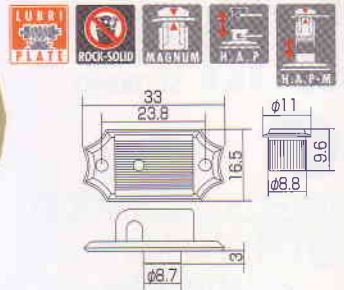
SD510



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



| | |
|------------|----------------------------|
| Finishes | N.GG.CK.XN.XC.XG |
| Gear ratio | 1:15 |
| e.g. | SD510-06M SD510-SL HAPA |



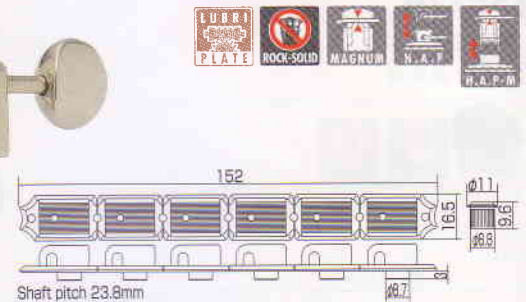
SDS510



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



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



| String post dimension | SD510 STANDARD | SDS510 STANDARD | MG | SD510 HAP | SDS510 HAP | HAPA | SD510 HAPM | SDS510 HAPM |
|-----------------------|----------------|-----------------|----|-----------|------------|------|------------|-------------|
| | φ6.35 | φ6.35 | φ6 | φ6 | φ6 | φ6 | φ6 | φ6 |
| | 19.5 | 24.6 | 20 | 17 | 16 | 20 | 18.5 | 17 |
| | | | | 24.5 | 20.5 | 27 | 22 | 20.5 |
| | | | | | 17 | | | 18.5 |
| | | | | | 24.5 | | | 22 |
| | | | | | 1ST~3ST | | | 1ST~3ST |
| | | | | | 4ST~6ST | | | 4ST~6ST |

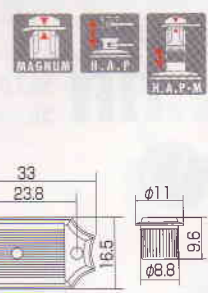
SD Series

SD90



SD90
SD90MG
SD90H.A.P
SD90H.A.P.A
SD90H.A.P.M

| | |
|------------|-------------------------|
| Finishes | N.GG.CK |
| Gear ratio | 1:15 |
| e.g. | SD90-SL SD90-SLB HAP |

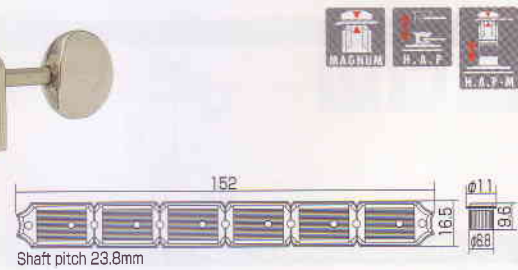


SD91



SD91
SD91MG
SD91H.A.P
SD91H.A.P.M

| | |
|------------|----------------------------|
| Finishes | N.GG.CK |
| Gear ratio | 1:15 |
| e.g. | SD91-05M-L MG SD91-M5-R |



| String post dimension | SD90 STANDARD | SD91 STANDARD | MG | SD90 HAP | SD91 HAP | HAPA | SD90 HAPM | SD91 HAPM |
|-----------------------|---------------|---------------|----|----------|----------|------|-----------|-----------|
| | φ6.35 | φ6.35 | φ6 | φ6 | φ6 | φ6 | φ6 | φ6 |
| | 19.5 | 24.6 | 20 | 17 | 16 | 20 | 18 | 16.5 |
| | | | | 24.5 | 20.5 | 27 | 21.5 | 20 |
| | | | | | 17 | | | 18 |
| | | | | | 24.5 | | | 21.5 |
| | | | | | 1ST~3ST | | | 1ST~3ST |
| | | | | | 4ST~6ST | | | 4ST~6ST |

SD-510/SD Series BUTTON OPTION

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



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