

## ~ MARTIN GUITAR SETUP FOR THE TYPICAL PLAYER ~

**High E:** 4 to 5/64<sup>th</sup>.

**Low E:** 5/64<sup>th</sup>.

**Neck Relief:** 0.002" to 0.006"

### ~ NUT SLOT DEPTH / STRING HIEGHT AT 1<sup>ST</sup> FRET ~

Gap between top of first fret to bottom of string. *These numbers can be lowered if the neck needs resetting (as the neck is tilted down more giving the string more clearance over the first fret).*

1- E - 0.012"

3- G - 0.016"

5- A - 0.020"

2- B - 0.014"

4- D - 0.018"

6- E - 0.020"

### ~ MARTIN GUITAR FACTORY SPECS ~

- **Bridge thicknesses- LOW:** 5/16" (7.9mm), **STANDARD:** 11/32" (8.7mm), **TALL:** 3/8" (9.5mm).
- Target Saddle Protrusion above bridge (after neck reset) - 1/8" - 3/16" (3.5mm-5mm).
- Edge of nut to outside edge of string 3/32<sup>nd</sup>. I prefer 1/8 to center for outside strings.

### ~ IMPORTANT CHANGES IN MARTIN BUILDING HISTORY ~

**1898-** Began numbering guitars (begins with 8000)

**1902-** 000 12 fret intro (long scale)

**1917-** Mahogany style 18 introduced.

**1918-** Dull Shellac finish.

**1918-66-** Celluloid "Ivoroid" binding styles 28 & higher.

**1922-** Ebony neck reinforcement introduced.

**1923-** Gloss shellac finish.

**1923/1924-** Steel strings standard. Style 17/ 18.

**1925-** Tuners have gear below post.

**1926-** Steel strings standard Styles 21/ 28.

**1926-** Nitro Lacquer finish introduced.

**1928-67** Tortoise pickguard glued to top & finished over.

**1929-** OM introduced. (14 fret long scale)

**1930-** Belly Bridge introduced (Same shape till 38)

**1930-** Body size stamped on headblock.

**1931** Martin dreadnought introduced.

**1931/1932-** 1" to 1 3/8" wide bridge plates.

**1934-** Wood to black plastic binding styles 18 & 21.

**1934-** Bar Frets to T frets.

**1934-** Steel T bar neck reinforcement.

**1934-** 000 change from long to short scale.

**1935-** Tortoise binding style 18 000 & smaller.

**1935-** X brace shifted back on 14 fret 00. (12 fret guitars didn't change).

**1938-** X brace shifted back on 000 & Dreads.

**1938 (mid)-** Bridge's belly contour changes.

**1939 (mid)-** Popsicle brace added.

**1939-** Tortoise bind on D-18.

**1939-** 3° Bridge pin taper changes to 5°.

**1939-** Necks- 1 3/4" change to 1 11/16".

**1939-** Upper Trans brace- 5/16" wide to 1/2" wide.

**1939-** Neck Block- 1 9/16" to 1 5/16" thick on Dreads, to match small bodied Martins.

**1940 /1941:** 1 3/8" wide hexagonal to 1 3/8"-wide trapezoidal bridge plates.

**1942-46-** Ebony truss rods used. Some have T bar.

**1943-** Stopped using Solid bridge pins.

**1944 Dec-** Scalloped braces cease until 1976.

**1944-49-** Bracing is tapered. (1949-76 straight)

**1945/46-** Red Spruce tops transition to Sitka.

**1945-1966-** Style 28 bridge pins white with red dot.

**1947-** Last Style 28 w herringbone/zipper back seam.

**1948-** Stopped notching bridgeplate into X brace.

**1957/58-** 102C Grover machines on D-28's.

**1964-** New factory + increased production.

**1964-** Stopped using HHG.

**1964-** Bridge pin holes moved back 1/16"

**1965-** Drop in saddles introduced + D35.

**1965-** 102C Grover machines on all "D" guitars.

**1966-** Boltron binding started: White replaced ivoroid, black replaces tortoise.

**1966-** Bridge pin holes moved to center.

**1966-84-** Black acetate pickguards glued to top.

**1967-** Square metal bar introduced.

**1967-** Kluson K324 tuners all style 18 models.

**1967-** Grover v100 tuners on all 0,00,000

**1968-** Small 1 3/8" rosewood bridge plates all guitars.

**1969-76-** Large 3 1/4" Rosewood bridge plates.

**1969-** Stopped using Brazilian rosewood.

**1973-** Plastic nuts. (plastic saddles 1975)

**1975-** Micarta nuts and saddles.

**1976-** Small maple bridge plates reintroduced.

**1976-** HD28 introduced (scalloped braces).

**1985-** Self adhesive pickguard.

**1985-** Adjustable truss rod introduced.

**1988-** Maple bridge plates on all guitars