

# Basic Detail Report

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## Guitar

### Date

1966

### Primary Maker

C. F. Martin & Co.

### Description

The 00-18 model was first introduced in in 1898. This version of the 00-18 has a belly bridge, which came into use in the early 1930's; and a rosewood fingerboard which

first appeared in 1935 and became the standard in 1940. Stringing: six steel strings Soundboard: two-piece Sitka spruce, medium grain broadening to wide toward the flanks Back: two-piece book-matched Honduran mahogany; back stripe comprised of a single strip of black-dyed hardwood purfling. Ribs: two-piece Honduran mahogany divided by imitation tortoise-shell celluloid end graft strip (slightly wider toward top than bottom) Head: mahogany veneered with rosewood on front face Neck: mahogany Heel cap: rosewood Binding: imitation tortoise-shell celluloid with 4-ply ivory, black, ivory, black celluloid purfling trim Fingerboard: rosewood; 20 nickel-silver frets; single mother of pearl dots behind 5th, 7th, 9th, and 15th frets; two mother of pearl dots behind the 12th fret; ivory celluloid side dots behind 3rd, 5th, 7th, 9th, 12th, 15th, and 17th frets Nut: White Plexiglass [see page 40 of Martin Guitars, A Technical Reference, Johnston, Boak and Longworth] Bridge: Brazilian rosewood with curved lower edge; angled, cream Micarta saddle [not original]; black plastic bridge pins Pegs: six chrome-plated steel worm-gear machine tuners by Grover with "butterbean" head surfaces and decoratively cut plate outlines Endpin: black plastic Rosette: wide band of 8-ply ivory and black celluloid strips with a different tan wood or plastic strip in the center, surrounded on each side with an individual strip of black celluloid, with natural wood in between Pick guard: imitation tortoise-shell celluloid Varnish: clear with minor craquelure Linings: kerfed mahogany Neck block: mahogany; chamfered corners End block: mahogany; chamfered corners; mahogany graft at center, perpendicular to top and back Top braces: spruce X-brace [no scalloping], the joint of main cross brace reinforced with off-white canvas; maple bridge plate Back braces: spruce back graft; four spruce back braces, the two braces in the lower bouts with rounded edges, and wider and lower in height than the two braces in the upper bouts

### Dimensions

Total guitar length: 990 mm (39") Back length: 480 mm (18-7/8") Upper bout width: 282 mm (11-1/16") Waist width: 231 mm (9-1/16") Lower bout width: 368 mm (14-1/2") Rib height (including edging) at heel: 83 mm (3-1/4") Rib height, at waist: 95 mm (3-11/16") Rib height, at end block: 104 mm (4-1/16") Head length: 160 mm (6-9/32") Head width, top: 71 mm (2-3/4") Head width, bottom: 58.5 mm (2-5/16") Neck

length (nut to ribs): 356 mm (14-1/16") Neck width, nut: 43 mm (1-11/16") Neck width, heel: 55 mm (2-3/16") Soundhole diameter: 96 mm (3-3/4") Vibrating string length (nut to bridge edge): high E: 632 mm (24-17/8"); low E: 638 mm (25-9/16")