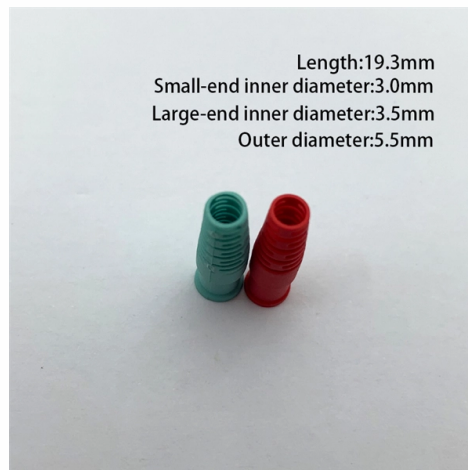


Instrument bridge length and width



AI Overview

Bridge dimensions vary by instrument, but typical ranges are: classical guitar length 60–65 mm, width 10–12 mm; violin width 41.5 mm; mandolin bridges vary with top curvature and string spacing. Classical Guitar Bridges For classical guitars, the overall bridge length is usually 60–65 mm, with a saddle width of 10–12 mm. The height from the soundboard to the top surface is typically 8–10 mm, and string spacing (center-to-center) ranges from 52–55 mm across six strings. These dimensions ensure proper vibration transfer, balanced string tension, and optimal tonal response. Violin Bridges Violin bridges are generally carved from a 41.5 mm wide blank for a full-size (4/4) instrument. The feet thickness is carefully shaped to about 4.7 mm at the base to match the arching of the top plate. The bridge must be light enough to transmit vibrations efficiently while strong enough to withstand string tension. Mandolin Bridges Mandolin bridges are more variable due to floating designs and domed tops. Length, width, saddle length, and string spread must be measured carefully to fit the instrument. Heights vary depending on the top curvature, and bridges can be made from bone or brass saddles. Proper fitting ensures correct string action and vibration transfer. Key Considerations Instrument type determines bridge dimensions and materials. String spacing and saddle width affect tension distribution and tone. Height and foot contouring are critical for proper contact with the soundboard. Custom fitting may be required for floating bridges or instruments with non-standard top curvature. Accurate measurement and careful shaping of the bridge are essential for maintaining sound quality, playability, and structural integrity of the instrument.

Article Content

The Perfect Violin Bridge Position

Believe it or not, the violin bridge position matters a whole lot! The bridge itself helps transfer vibrations from the violin strings through the entire instrument, and if the

Cello Bridge Measurement: How to Choose the Right Size for Your ...

Choosing the right cello bridge measurement involves checking bridge width, height, and foot separation tailored to your cello's size. Precise fitting prevents issues like buzz, unstable pitch, and improper

Classical Guitar Bridge Dimensions: The Exact Measurements That ...

Classical guitar bridge dimensions typically fall within recommended ranges: saddle width 10–12 mm, total length 60–65 mm, height 8–10 mm, and string spacing 52–55 mm CC. Proper measurement

Stringed Instruments Bridge Size Comparison

Just a short little video showing the wide range of sizes on stringed instrument bridges! From the miniscule 1/32 violin bridge, to the gargantuan 4/4 double-bass bridge, and everything in-between!

Essential Violin Measurements Guide | PDF | String Instruments

It includes measurements of body length, neck length, fingerboard length and width, bridge thickness, string spacing, and other dimensions. The measurements can be used as guidelines for instrument

Cello Specifications

4/4 Cello Spec Materials Back, ribs & neck Maple Belly Spruce End blocks Spruce Corner blocks Willow Linings Willow Fingerboard, nut, saddle Ebony Pegs Ebony Body Upper bout width 344mm Lower

FITTING A FINE BRIDGE TO A PROFESSIONAL QUALITY INSTRUMENT

The bridge, of course, is the first and one of the more important links in the transmission of vibrations directly from the strings to the hollow enclosure of the instrument. The precision with which the bridge

Essential Violin Measurements Guide | PDF | String Instruments

This document provides measurements in millimeters for standard sized violins, violas, cellos, and basses. It includes measurements of body length, neck length, fingerboard length and width, bridge

Useful Measurements

Although the notches in the f-holes can be a good general suggestion for bridge placement, they aren't always the best location on every instrument. Determining

Bridge (stringed instrument)

The bridge is the component that supports strings and transmits their vibrations to an instrument's body. This article explains its function, types, construction, history, and role in tone and

Scale Length and Bridge Placement

What is scale length? The scale length of a guitar is the distance from bridge to nut or in the Brian may case the Zero fret to the bridge. The scale length starts where it leaves the zero fret. Not the nut! The

How To Choose The Right Guitar Bridge For Your Instrument

There are many different types of guitar bridges on the market, so it's important to choose the right one for your instrument, a good way to determine the size of the bridge is to look at the size

Shop Quality Instrument Bridges | Brands Aubert and Stamm

Bridges Discover the perfect string instrument bridge to enhance your playing experience. Our collection of blank and adjustable bridges from brands like Aubert, Teller, and Stamm are designed to improve

Violin Measurement Specifications Guide

This document provides measurements in millimeters for standard sized violins, violas, cellos, and basses. It includes measurements of body length, neck length, fingerboard dimensions, string

Scale length (string instruments)

The scale length of a string instrument is the maximum vibrating length of the strings that produce sound, and determines the range of tones that string can produce at a given tension. It is also called

Bridge (instrument)

Bridge pins or string pegs are used on some musical instruments to locate the string precisely in the horizontal plane, and in the case of harpsichords to affect the

Bridge (instrument)

A bridge is a device that supports the strings on a stringed musical instrument and transmits the vibration of those strings to another structural component of the

Bridge Dimension

I was looking at some stewmac pre-fabbed classical bridges. Can I bother you folks, if you don't mind.....tell me what your fundamental nominal bridge dimensions are for the traditional classic

The violin making manual

The bridge, made of maple, serves the purpose of upholding the strings and transmitting the vibrations from the strings to the body of the violin. As such it must be both robust enough to withstand the

Viola Size and Dimension Specifications | PDF | Length | String Instruments

This document is a specification sheet created by luthier Alan Goldblatt that provides detailed measurements for violas of various standard sizes including 4/4, 3/4, and 1/2 sizes. It includes

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