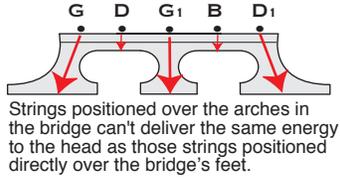


The secret to a balanced banjo:

Straight Up Strings with compensated down pressures for improved balance, clarity, and tone.

After decades of testing, we found that the popular three-footed bridge used on most 5-string banjos provides the optimum weight and mass but doesn't compensate for the imperfect design of a movable bridge system with three of the strings positioned directly over feet and two strings positioned directly over arches.

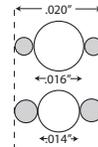
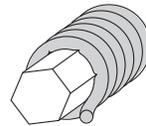


Compounding the energy distribution problem, the down pressure to the head of a three-footed bridge is unevenly distributed to each of the bridge's three feet. To drive the head with string-to-string consistency, the down load of the strings must be compensated to correct for the bridge's design.

Stradivari knew this: One of the great developments in the history of bridge design is attributed to Antonio Stradivari (1644-1737), who in the late 1600's, realized the importance of the strings' down pressures on the violin's belly (soundboard). As a result, he designed a bridge with strings positioned over openings where no string's energy had a direct route to the belly. His design, with Guarneri's (1698-1744) embellishments, is seen on every member of the violin family today.



A solution for the banjo: Since we knew we couldn't change every bridge, we took a straight up approach to this challenge and focused on strings and how each individual string's energy is driven through the bridge's structure. As a result, we engineered a set of banjo strings with a combination of plain and wound gauges



The since there are many combinations of core and wrap wire that can be used to make the same outside gauge, the trick is finding the right combination that delivers the correct down pressure. Our wrap wire is tightly secured to a hex-core wire.

whose relative down-pressure loads coupled with their proximity to the bridge's feet deliver the a carefully calculated load to the banjo's head. It's about down pressures, not gauges!

We call them **Straight Up Strings** and we know you'll like them!



Straight Up Strings engineered with compensated down pressure for optimum balance. *...every note of every chord*

- 5** key features of Siminoff Straight Up Strings: **1:** Compensated downloads that adjust for the difference in energy transmission to the head of those strings that sit over feet compared to those strings that sit over arches. **2:** Download pressure of each string carefully calculated (at a 15° string break angle) to ensure excellent string-to-string balance. **3:** A unique core-to-wrap wire ratio for the D string engineered to improve the relationship between the wound and plain strings' tone color. **4:** Chromium stainless wrap wire gives the wound D string a smooth, rust-free plain-wire feel. **5:** Application of ISO 226:2003 equal-loudness principles to enhance the perception of an evenly distributed tonal range.

Specifications:

Banjo, light, #2600-L

Gauges: .009", .0105", .013", .020"w, .009"

Compensated downloads:

D 3.4 lbs, B 3.2 lbs, G 2.9 lbs, D 3.3 lbs, G 3.4 lbs
Total down pressure at bridge base: 16.2 lbs
Total longitudinal tension: 55.6 lbs

Banjo, medium, #2600-M

Gauges: .010", .0115", .013", .020"w, .010"

Compensated downloads:

D 4 lbs, B 3.5 lbs, G 2.9 lbs, D 3.4 lbs, G 4 lbs
Total down pressure at bridge base: 17.8 lbs
Total longitudinal tension: 60.9 lbs

Banjo, heavy, #2600-H

Gauges: .011", .012", .014", .022"w, .0105"

Compensated downloads:

D 4.5 lbs, B 3.7 lbs, G 3.2 lbs, D 3.7 lbs, G 4.3 lbs
Total down pressure at bridge base: 19.4 lbs
Total longitudinal tension: 70 lbs

Notes:

- Down pressure measured at a 15° string break angle (the angle the strings make as they pass over the bridge). 13° to 15° is typical for most banjos.
- High-carbon plain D₁, B, G₁, G, with Chromium stainless-wound D
- Manufactured and packaged: U.S.A.

Price per set: Banjo, light, #2600-L \$7.25 set
Banjo, medium, #2600-M \$7.25 set
Banjo, heavy, #2600-H, \$7.25 set

Road packs: Tri-Pak: (3 sets) \$18.50 - **Save \$3.25!**
Six-Pak: (6 sets) \$34.25 - **Save \$9.25!**
Mixed Bag: (1 ea: L, M, H) \$17.95

Siminoff

Banjo and Mandolin Parts

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