# Post Length Chart

Rivets, snaps, Chicago screws and copper rivets by stack thickness

Measure the stack: every layer the post passes through, pressed together, in mm. Then read across. Double-cap rivet rule: Tandy says the post should stand at least 1/16 in (1.6 mm) and no more than 1/8 in (3.2 mm) above the leather; Buckleguy says roughly 2 mm. Chicago screw rule (PetHardware): for leather, a post 1 to 1.5 mm SHORTER than the stack, because leather compresses when the screw is tightened.

| Stack | Double-cap post (mm) | Tandy wide double-cap size that fits | Chicago screw post (mm) |
|---|---|---|---|
| **2 mm (5 oz)** | 3.6 - 5.2 | none | 0.5 - 1.0 |
| **2.5 mm (6 oz)** | 4.1 - 5.7 | none | 1.0 - 1.5 |
| **3 mm (8 oz)** | 4.6 - 6.2 | S 6 | 1.5 - 2.0 |
| **3.5 mm (9 oz)** | 5.1 - 6.7 | S 6 | 2.0 - 2.5 |
| **4 mm (10 oz)** | 5.6 - 7.2 | S 6 | 2.5 - 3.0 |
| **4.5 mm (11 oz)** | 6.1 - 7.7 | none | 3.0 - 3.5 |
| **5 mm (13 oz)** | 6.6 - 8.2 | none | 3.5 - 4.0 |
| **6 mm (15 oz)** | 7.6 - 9.2 | M 8.5 | 4.5 - 5.0 |
| **7 mm (18 oz)** | 8.6 - 10.2 | none | 5.5 - 6.0 |
| **8 mm (20 oz)** | 9.6 - 11.2 | L 11 | 6.5 - 7.0 |
| **9 mm (23 oz)** | 10.6 - 12.2 | L 11 | 7.5 - 8.0 |
| **10 mm (25 oz)** | 11.6 - 13.2 | none | 8.5 - 9.0 |

Tandy wide double-cap post lengths: small 6 mm, medium 8.5 mm, large 11 mm. 'None' means no Tandy size lands in the 1.6-3.2 mm window; try another maker's post (Buckleguy lists 5.6 to 15 mm) or skive the stack.

## SNAPS AND COPPER RIVETS

| Snap | Leather (Tandy) | Post length | Cap diameter |
|---|---|---|---|
| **Line 20 snap** | 5-7 oz (2-2.8 mm) | 6 mm | 11.11 mm |
| **Line 24 snap** | 8-10 oz (3.2-4 mm) | 6.75-7.94 mm | 14.29 mm |

Copper rivet and burr: press the burr down, then cut the post leaving 1/8 in (3.2 mm) to peen over, per Tandy's hardware guide. Too long and the post bends instead of doming; too short and there is not enough metal to hold the burr.

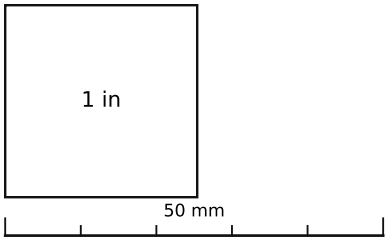
## BUCKLEGUY SOLID BRASS DOUBLE-CAP CHART (their figures)

| Leather / stack | Post mm |
|---|---|
| **< 7 oz / 2.6 mm** | 5.6 |
| **8 oz / 3.4 mm** | 6.4 |
| **12 oz / 4.9 mm** | 7.9 |
| **16 oz / 6.0 mm** | 9.0 |

| Leather / stack | Post mm |
|---|---|
| **16-20 oz / 6.5 mm** | 9.5 |
| **24 oz / 9.7 mm** | 12.7 |
| **30 oz / 12.0 mm** | 15.0 |

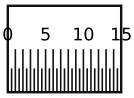
# True-Size Post Gauge

Stand a loose post or stack on the line and compare. Print at 100%.

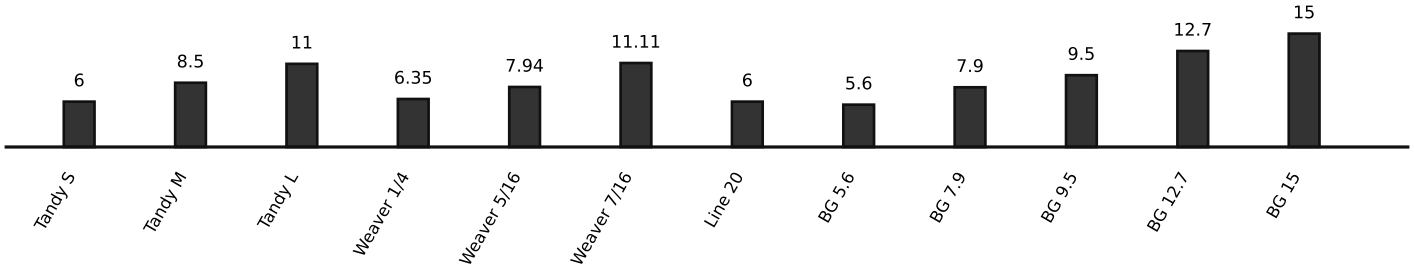



SCALE CHECK: the square must measure 1 in and the bar 50 mm. If not, reprint at 'Actual size'.

**STACK SCALE: press the layers together and hold their cut edge against the scale, zero to zero.**




mm, true size (0.5 mm ticks). A caliper reads finer.




BG = Buckleguy. Post lengths from the makers' product pages (Tandy wide double-cap rivets, Weaver #2200 double-cap rivets, Tandy line snaps, Buckleguy double-cap chart). A printed gauge is a check, not a micrometer: for a stack near a size boundary, test one rivet on scrap first.