

# ASTRO-PHYSICS 7" AND 10" SLIDING BARS

These sliding bars are some of the most versatile mounting system components imaginable. Attach your small telescope's rings or cradle to one of these bars and use it with the DOVE08 or DOVESP dovetail mounting plates as a traditional dovetail mounting system. Use either bar as a "go between" for mounting a telescope on a TeleVue Gibraltar® mount or a very heavy duty Photographic tripod. Put a DOVE08 or the ACPLTR Traveler Dovetail Accessory Plate on top of your telescope's mounting rings, and the sliding bars become quick-change accessory plates without peer. The holes are listed below with only a few of their more common uses.

**A** Shallow counter-bored clearance thru hole for 1/4" bolt. Commonly used for mounting rings. Hole spacing matches DOVE08. The holes will also be used when using this bar as a spacer for the SBD12 or SBD16. These are also the safety holes.

**B** Deep counter-bored clearance thru hole for 1/4" bolt. Use either hole to attach our Piggyback Camera Bracket (PGBCNB) or use the A3251-B to attach a variety of finders. Use both holes together to mount most TeleVue Telescopes.

**C** 1/4" -20 tapped thru hole. Ideal for camera tripod.

**D** 1/4" -20 tapped blind hole (5/16" deep). Attach bar to TeleVue Gibraltar® mount.

**E** Shallow counter-bored clearance thru hole for 1/4" bolt. Use for mounting ring or safety stop.

**F** Deep counter-bored clearance thru hole for 1/4" bolt. Use for mounting ring or for any accessory listed with "B" above.

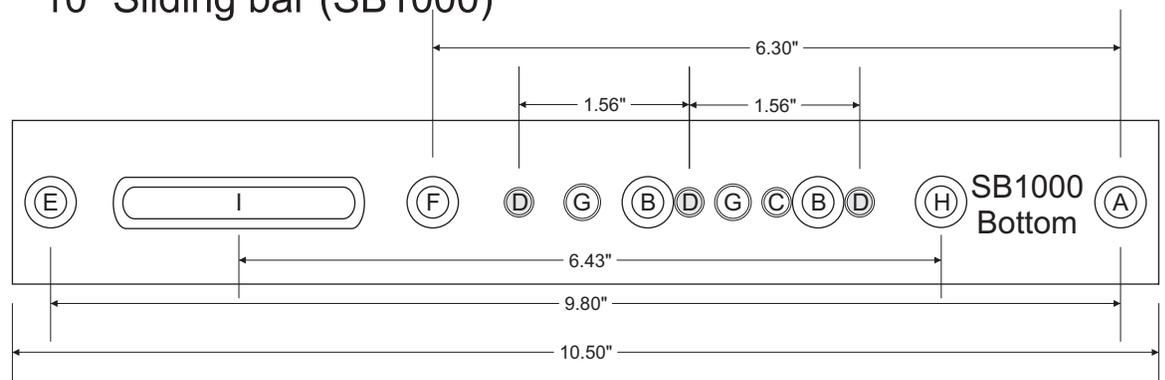
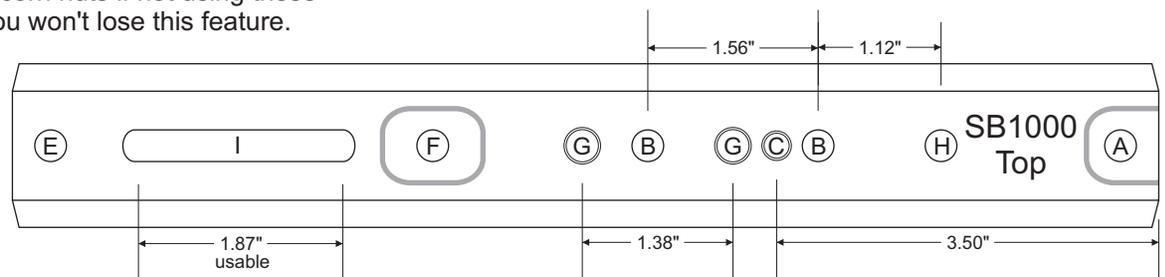
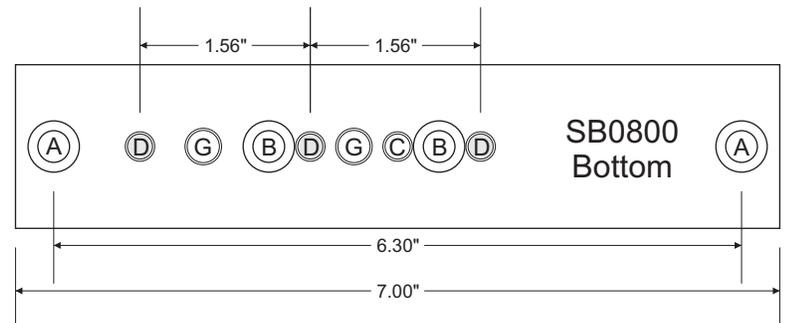
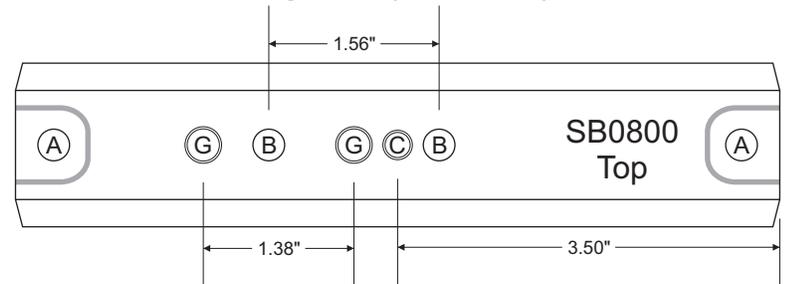
**G** M8 x 1.25 tapped thru hole. For Takahashi clamshell

**Note:** Shallow counter-bored holes (A & E) allow the bolt head of a 1/4" socket head cap screw to protrude below the bar for safety. This safety feature works with the channels machined into both ends of our dovetail mounting plates and prevents your expensive instrument from sliding off the mount if the dovetail knobs are accidentally loosened. Use the provided 1/4"-20 X 3/8" SHCS's and Acorn nuts if not using these holes for mounting so you won't lose this feature. Bolt heads will not protrude on deep counter-bored holes (B & F). This allows free sliding of the bar in the dovetail plate.

**H** Deep counter-bored clearance thru hole for 1/4" bolt. Use this hole and the slot to mount the TeleVue NP-127is.

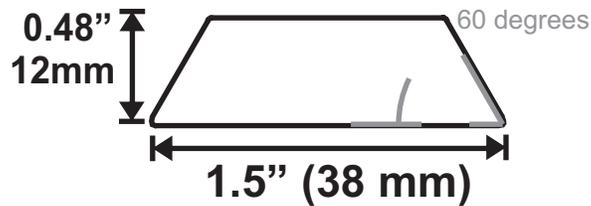
**I** Deep counter-bored slot. Use for a variety of scopes in conjunction with other thru holes, as with the NP-127is.

## 7" Sliding bar (SB0800)

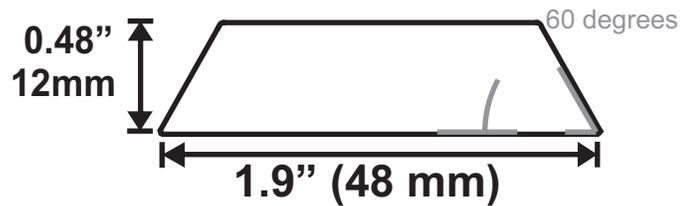


# Comparison of AP Sliding Bars & Vixen Dovetail Style

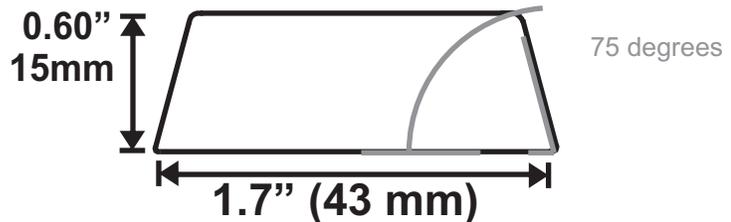
**SB0800 &  
SB1000**



**SB1500**



**Vixen Style**



Please note that there is a difference in the side angle used by these two brands of dovetails. This may present a danger that the dovetail will not mount securely if used in the opposing brand dovetail saddle.