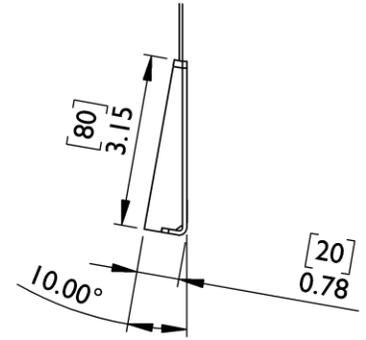
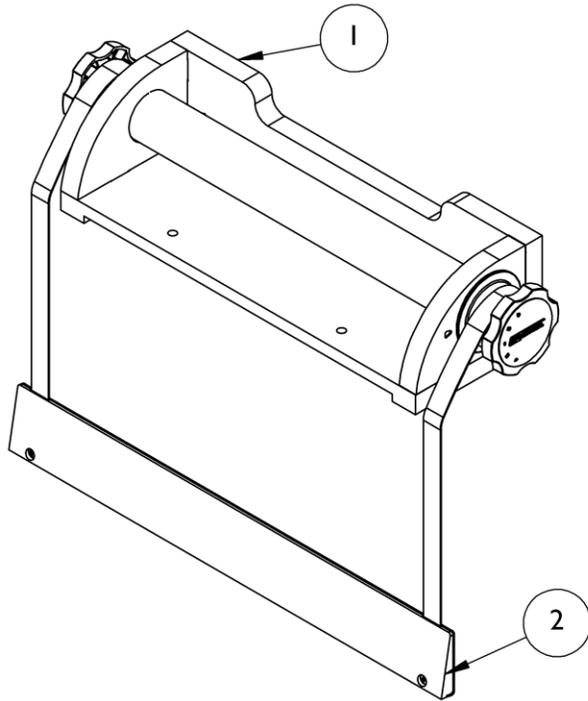




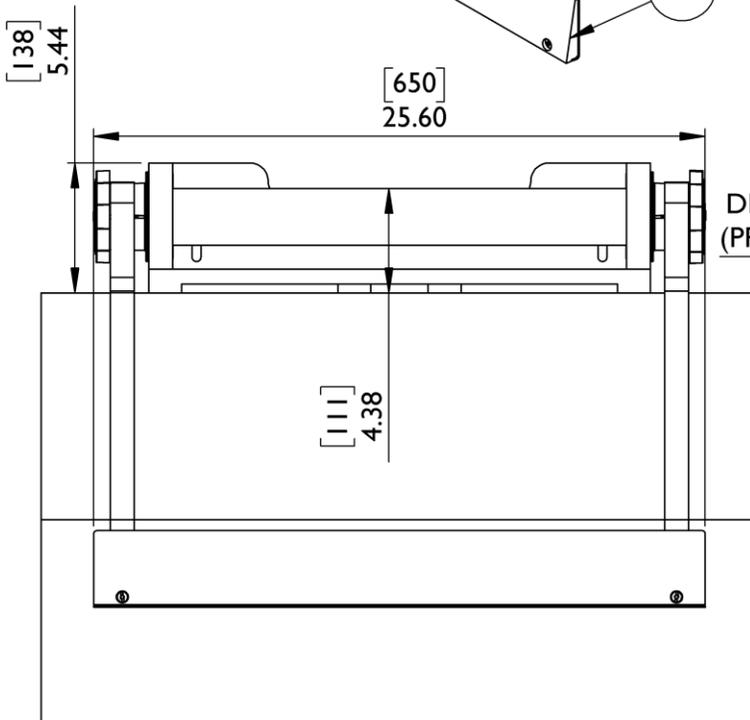
Product Name: Backstroke Start System

Part Number: BSSI000 (base unit)

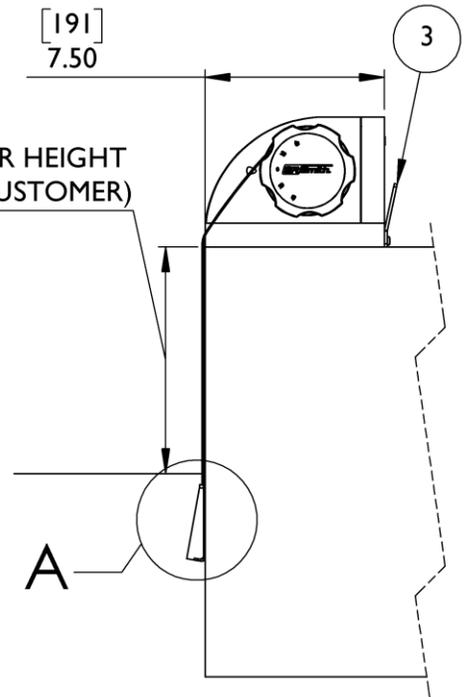
All dimensions shown are in [mm] and inches



DETAIL A



DECK-TO-WATER HEIGHT
(PROVIDED BY CUSTOMER)



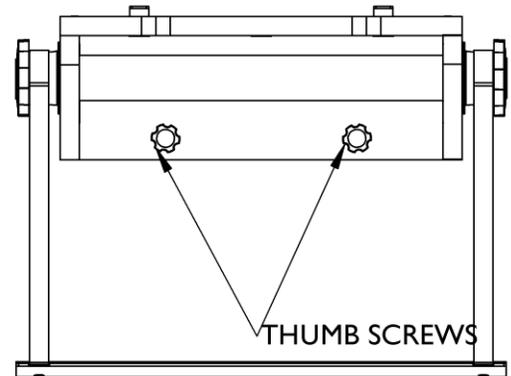


Product Name: Backstroke Start System

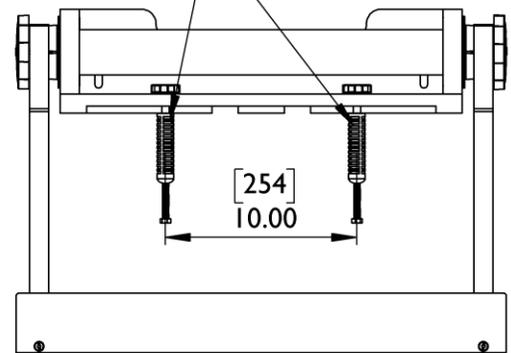
Part Number: 13-600, 13-603

The Backstroke Start System is mounted to starting platforms using one of the three kits below:

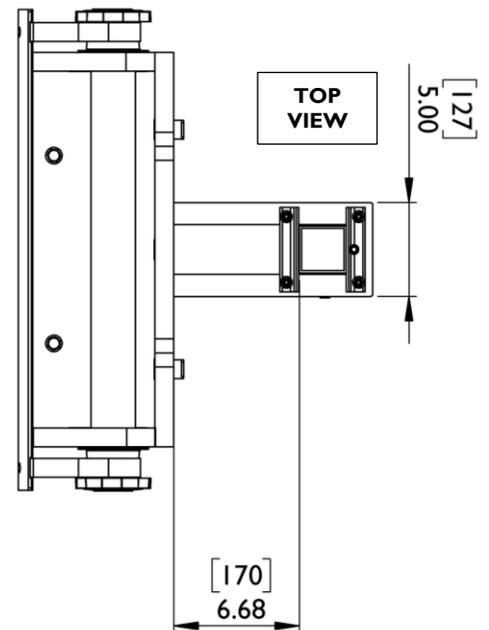
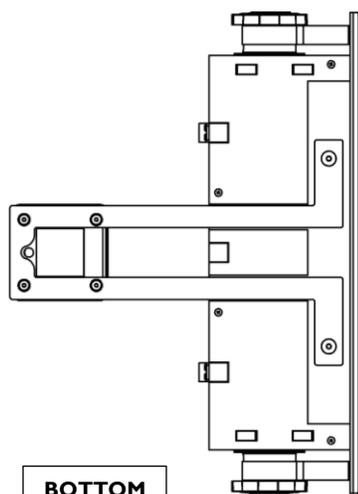
**Attachment Method #1
In-Deck Mounting Kit
13-600**



ANCHORS
INSTALLED IN-DECK



**Attachment #2
Post Mounting Kit
13-603**

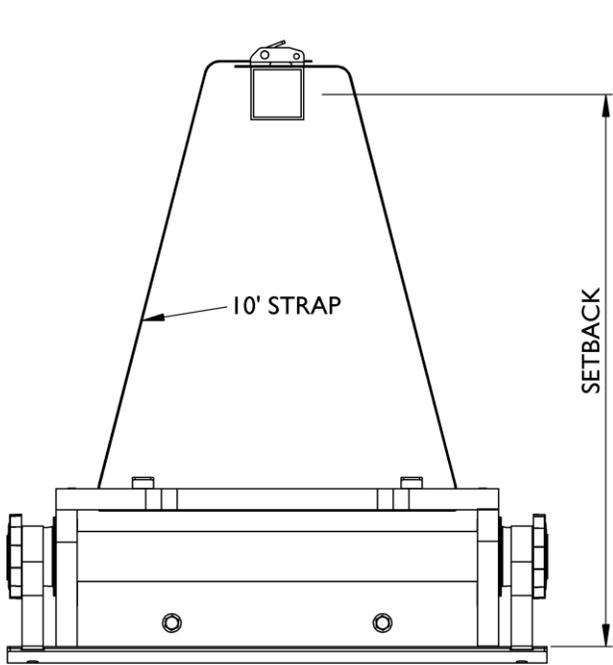




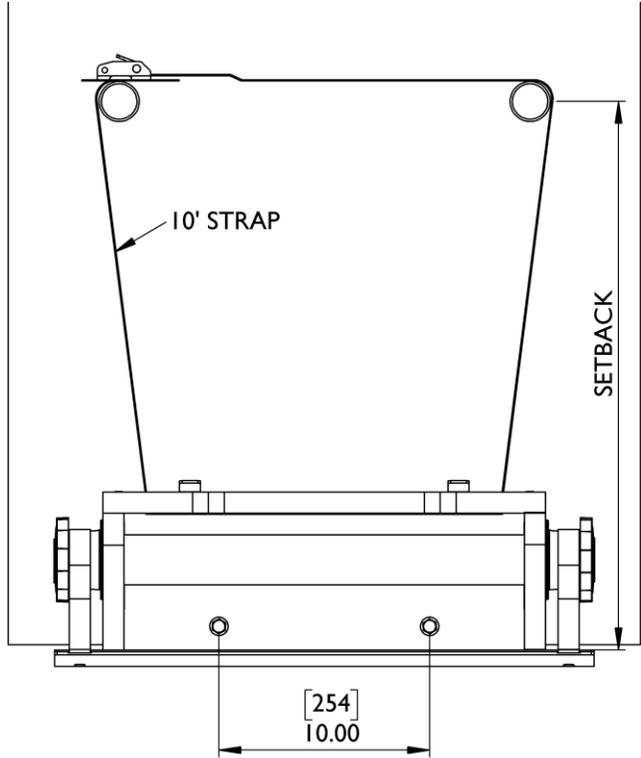
Product Name: Backstroke Start System

Part Number: 13-601

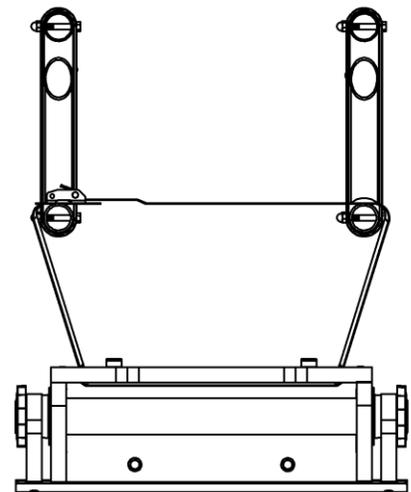
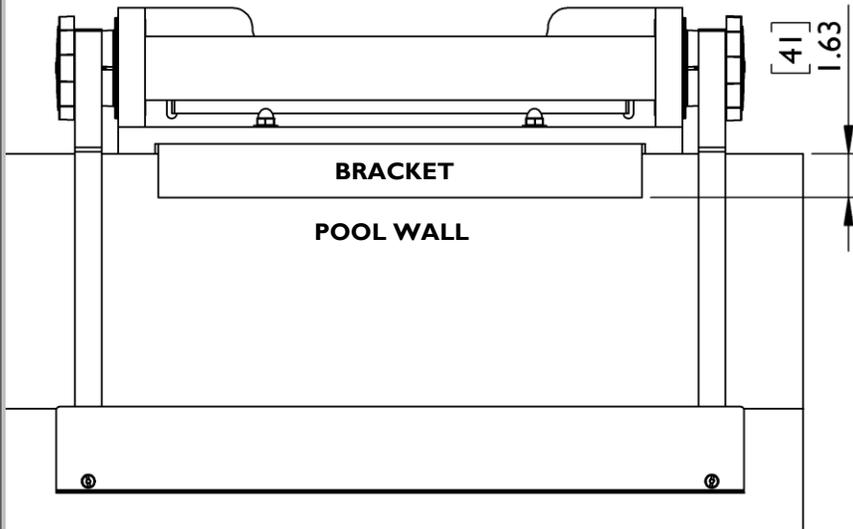
**Attachment #3
Pool Wall Mounting Kit with Strap
13-601**



**STANDARD VELOCITY/LEGACY
STARTING PLATFORM
MOUNTING OPTION**



**DUAL POST VELOCITY/LEGACY
STARTING PLATFORM
MOUNTING OPTION**



**VARSITY/VR STARTING
PLATFORM
MOUNTING OPTION**

Product Specifications

General Notes: **BSS1000** is a backstroke start system for use with most starting blocks. Backstroke start devices assist swimmers in backstroke races by providing the swimmers a better launch angle resulting in a faster start, critical in competitive swimming. The ledge can be adjusted with a spool to be beneath or above the water level so swimmers can experiment with start mechanics. The **BSS1000** must be purchased with one of three mounting systems.

Application: The Backstroke start system is mounted to the deck either using the in-deck mounting kit, pool wall mounting kit with strap, or starting platform post mounting kit- details are listed below in specification 4. The Backstroke Start System is designed for use in competition commercial pools. The Backstroke Start System is UV-stable and weather-resistant, safe to use outdoors. **This backstroke ledge conforms to FINA standards when properly installed.**

Specifications:

- 1 **Backstroke Start System Frame:** The Backstroke start system frame is made from white marine-grade HDPE components. It is environmentally stable, suitable for indoor or outdoor use. Its 4.5" height at the center allows it to fit beneath any S.R. Smith starting block with a **backstroke height greater than 5"**.
- 2 **Backstroke Ledge:** The backstroke ledge is marine-grade HDPE. Its surface is anti-skid with a diamond raised texture. Two 1" polyester straps are fastened between the ledge and a vinyl-coated aluminum cover plate with 316L stainless steel fasteners. **The lengths of these straps are customized to sit at water level when set at 0 with the dowel pin.** The ledge is 3.2"H x 0.77" D x 25.60" L (20mm x 80mm x 650mm). The height of the ledge can be adjusted to sit 40mm above or below the water level in increments of 20mm. The ledge complies with FINA rules for backstroke ledges.
- 3 **Holding Bracket:** Two vinyl-coated 6061 Aluminum 12° brackets are fastened to the back of the frame. These provide a convenient place to store the backstroke ledge when not in use. They are bent to match the ledge angle. Dimensions are 1" x 3" x 1/8" thick (25mm x 76mm x 3mm).
- 4 **Deck Mounting:** S.R. Smith offers three different mounting kits for BSS1000.
 - **In-Deck Mounting Kit (PN# 13-600):** Two epoxy anchors are included to install into concrete. Fasten the backstroke start system with two plastic-head stainless steel thumb screws for easy and secure fastening, included with kit. Bond anchors to existing rebar in deck. Follow NEC 680.26 or local building codes.
 - **Pool Wall Mounting Kit with Strap (PN# 13-601):** Mount the backstroke start system to the pool edge with a 18"L x 2" square X 1/4"thick (457mm x 51mm SQ x 6mm) vinyl-coated stainless steel. This includes a strap with stainless steel cam buckle for simple strapping to the starting block post.
 - **Starting Platform Post Mounting Kit (PN# 13-603):** Includes a 1/4" thick plate and two brackets made from vinyl-coated stainless steel. Uses stainless steel hardware to fasten to starting platform post. Can be used on Velocity Single-Post and Legacy models.

Part	Description	Shipping Dimensions	Shipping Weight
BSS1000	Backstroke Start System	8" X 8" X 26" (203mm x 203mm x 660 mm)	25 lbs (11 kg)
13-600	In-Deck Anchoring Kit	6" X 2" X 2" (152mm x 51mm x 51mm)	5 lbs (2.3 kg)
13-601	Pool Wall Mounting Kit w/Strap	18" X 4" X 2" (457mm x 102mm x 51mm)	7 lbs (3.2 kg)
13-603	Platform Post Mounting Kit	18" X 12" X 2" (457mm x 305mm x 51mm)	10 lbs (4.6 kg)

Specification Number:	SRS-337		S.R. Smith, LLC P.O. Box 400, 1017 SW Berg Parkway Canby, Oregon 97013 Tel: (888) 677-7776 Fax: (503) 266-4334 www.srsmith.com
Product Description:	Backstroke Starting System		
S.R. Smith Part Number:	BSS1000		
Revision:	A0	Date: 5/4/2020	
Written By:	C. Redelfs	Date: 5/4/2020	
Approved By:		Date:	