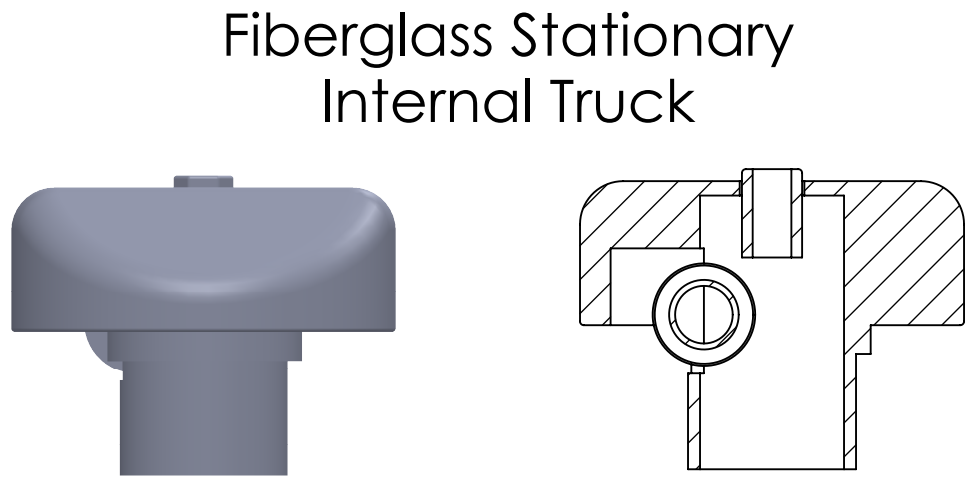
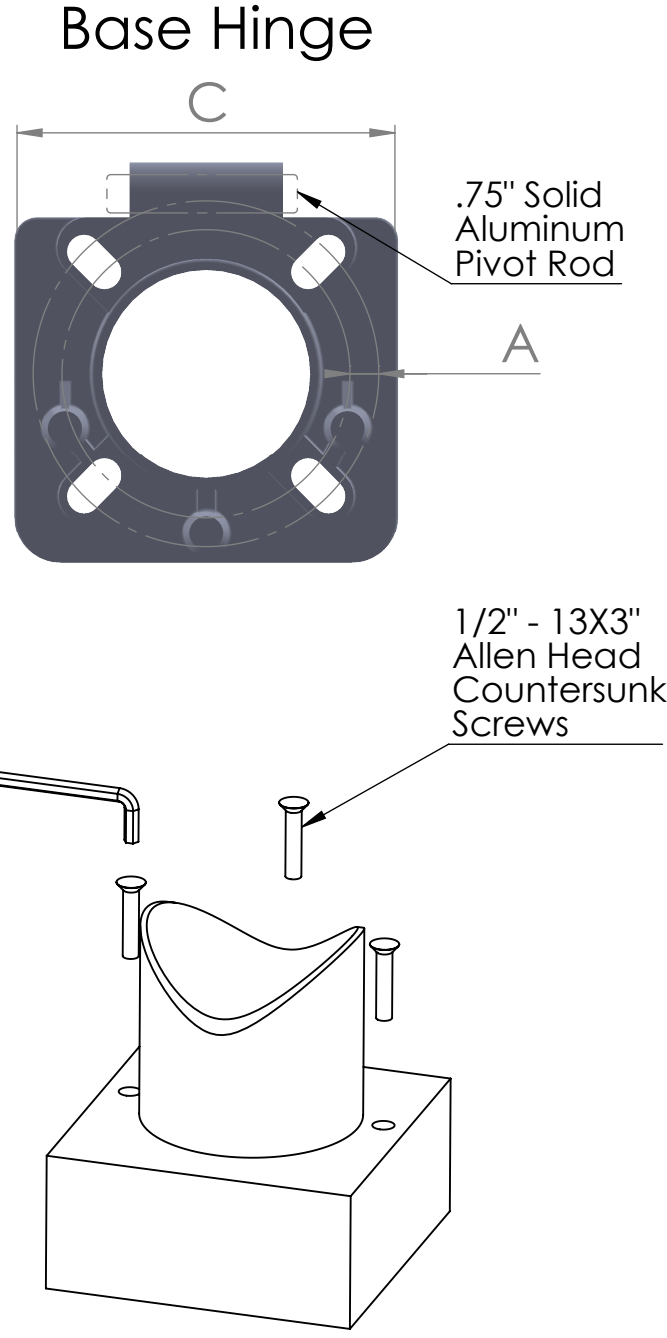
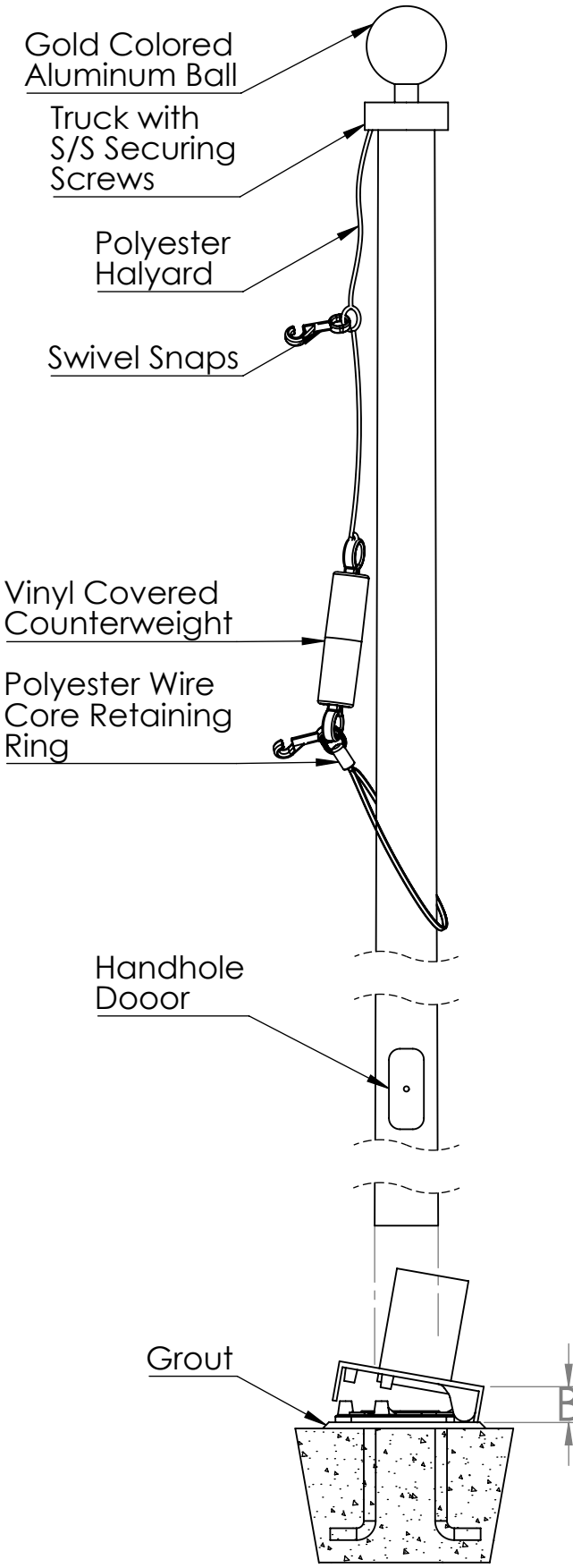


**Aeolus Series**  
**Hinge Base External**  
**HB20I-HB30I**



**Specifications and Accessories**

Model	HB20I	HB25I	HB30I
Above Ground Height	20'	25'	30'
Butt Diameter	5.75"	6.5"	6.5"
Top Diameter	3"	3"	3"
Pole Weight with Base (lbs)	52	72	89
Shipping Weight with Base(lbs)	105	118	141
Cleat	8.5" NY	8.5" NY	8.5" NY
Ball Diameter	6"	6"	6"
Halyard	#10	#10	#10
Truck	F/G	F/G	F/G
Snaps	Brass	Brass	Brass
Anchor Bolt Length (sold separate)	24"	24"	24"
Bolt Diameter	3/4"	3/4"	3/4"
Exposed Thread Projection	3"	3"	3"
Bolt Circle (A)	7.5"-9"	8.5"-9"	8.5"-9"
Base Dimensions (B&C)	3.5" h x 10.5" w		
Standard Flag Size	4'X6'	4'X6'	5'X8'

## Specifications

Provide a Fiberglass Reinforced Composite (FRC) Hinge Base flagpole Model # **HB 20I** as manufactured by PLP Composites, Fitzwilliam, NH 03447.

The flagpole shall have a mounting height of 20'.

The butt diameter shall be 5.75" and the top diameter 3". The pole weight shall be approximately 52 lbs. and a total shipping weight of 105 lbs.

The flagpole shall be manufactured of fiberglass woven roving and polyester resin with 75% of the reinforcing fibers oriented in the axial plane for maximum stiffness and 25% in the radial plane for required hoop strength. Load calculations shall be based on AASHTO and NAAMM standards with the pole designed with a two to one (2:1) safety factor for 125 mph winds, unflagged, with a 1.3 gust factor.

The flagpole shall have an Entasis taper and shall be void of vertical mold seams.

The flagpole shall be sanded smooth and coated with a high gloss Aliphatic Polyurea coating system which provides extended UV protection and weatherability.

The flagpole is equipped with a cam cleat, door with security screw, tab, & lock nut at the time of internalizing prior to shipment.

**Standard colors include:** White, Black, Bronze, Faux-Luminum, & Metallic Bronze

The base requires four anchor bolts with covers and two nuts, two flat washers, and one lock washer per anchor bolt as follows: (sold separately)

- 3/4"x24" anchor bolt
- 3" exposed thread projection recommended



Aeolus Series - Model #HB 20I	Standard Fittings:	Security Driver	Project:
20' Above Grade Height	6" Gold Anodized Ball	40' of #10 Polyester Halyard	
10.5" Sq. Aluminum Hinge Base	Cast FG Stationary Truck	Bolt Template	Location:
Top Diameter - 3"	1 pair of Brass Snaps	Small Retaining Ring	
Butt Diameter - 5.75"	1 pair of Vinyl Covers	Small Counterweight	Date:

**PLP Composites**

**57 Creamery Road - PO Box 429, Fitzwilliam, NH 03447 - Phone: 800-262-6075 - [www.plpcomp.com](http://www.plpcomp.com) or [www.zeusflagpoles.com](http://www.zeusflagpoles.com) - [info@plpcomp.com](mailto:info@plpcomp.com)**