

30ft. x 5in. x .156in. Aluminum Commercial External Halyard Flagpole



\$1,180.00

Free Shipping

Exp. Height: 30'

Buttress Diameter: 5"

Wall Thickness: 0.156"

Wind Speed w/ Flag (mph): 90

Recommended Flag Size: 5' x 8'

Part number: ECXA30 - ESR30C51

Material: Alloy 6063-T6 Aluminum

Warranty: 1 Year Shaft Warranty

Included Hardware







Your Ground Set Flagpole Includes All These Items, At NO Additional Cost To You.



Gold Anodized Aluminum Ball Finial/Topper W/ Flush Seam



Corrugated or PVC Ground Sleeve.

	Flash Collar- Gives your flagpole that beautiful finished look.
	1- (5/16 diam.) Halyard Rope
	Flagpole Snap Covers, used to prevent the dinging noises in strong wind conditions from the brass flag snaps.
	Flagpole Snaps- 1 set w/ order. Upon Request, we will include 2 additional snaps at no additional cost. This enables you to fly two flags at once on your flagpole.
	One- 9" Cast Aluminum, Each Attached With 2-5/16" Stainless Steel Screws.
	Aluminum Single Sided Revolving Truck

Recommendations:

Popular with two story homes with large yards or on a lakeside. Most popular commercial flagpole for all businesses.

Details:

Part Number: ECXA30 - ESR30C51

Installing Your New Residential Flagpole:

Once you have purchased and received your residential flagpole, now it's ready to be installed. When choosing the location of your flagpole, be sure to consider underground and overhead lines, trees that will continue growing and keeping your flag flying freely without it touching anything. Something else to consider may be lighting. Will the location be appropriate for running electrical lines for lighting if you choose to do so? Once you have selected the perfect location for your flagpole it's time to assemble the flagpole which may include:

- *Unwrapping the flagpole shaft
- *Attaching Top Truck Unit
- *Screw Ball into Truck Unit
- *Thread Halyard Through Pulley and Tie.
- *Attaching Cleat
- *Installing Flag Snaps on Halyard

You are now ready to install your flagpole!!

Here is what you will need:

- *Ground Sleeve (provided with flagpole)
- *Shovel or Post hole diggers
- *Level
- *Tape Measure
- *Mixed Concrete
- *Wooden Shims
- *Sand
- *Flash Collar (optional)

1. Begin by digging your hole. The depth and width will be determined by the size flagpole you have. General rule for installation is 10% of the flagpole's height. (Example: A 25' flagpole will need a hole 2.5' deep, a 30' flagpole's hole 3' deep.)
2. Insert Ground Sleeve in center of hole.
3. Pour wet concrete in hole around Ground Sleeve. (Ground Sleeve should be 1" above concrete level.)
4. Use Level to make sure Ground Sleeve is plumb.
5. (Optional: Put Flash Collar on flagpole.)

6. Place the base of the flagpole into the Ground Sleeve and walk flagpole up until flagpole dropped completely into ground sleeve. (Ground Sleeve will be larger in diameter than flagpole's diameter.)
7. Use Wooden Shims and Level to ensure your flagpole is completely Plumb.
8. Pour DRY Sand into Ground Sleeve between flagpole and Ground Sleeve until full. This is what secures your flagpole.
9. Attach your Flag....fly it with PRIDE!!

Aluminum External Halyard Flagpole System

The external halyard ground set system is the simplest and most traditional flagpole. While simple in function and easily rigged, this flagpole will provide years of service with only occasional maintenance.



For Quick and Professional Installation, Read All Instructions Before Proceeding.

Lay all flagpole components out. If missing a part from the attached parts diagram, please call 1-888-735-5591 for the replacement parts.

STEP 1 - Remove all wrapping materials and place unwrapped pole on cribbing or other wood support on ground (preferably in a covered dry area). If Pole is Multi Section, carefully lay sections out in proper order, grouping poles with like match marks. Sections **MUST BE STRAIGHT & LEVEL** while sliding together. Line up match mark numbers, imprinted at each section, for proper fit. Lightly sand away any burrs that may be present on the male section or in the upper section of the joint. A small amount of lubrication (silicone or dish washing liquid - by others) may be applied to the male portion of the joint for easier fitting. Start with the bottom sections and work toward the top. Begin sliding the two sections, rolling the pole by 180° with every 2 to 3 inches to facilitate an easier fit. (If **EXTREME** difficulty is found in fitting the first 6 inches together, pull back apart and cool the male section

with ice for several minutes). A sledgehammer and block of wood (to protect the pole from direct impact) may be necessary on larger poles to complete the assembly of joints. Flagpoles Etc. suggests the use of an epoxy adhesive for aluminum with poles of 60' length.

STEP 2 - Identify parts and place them along the pole according to the parts diagram.

STEP 3 - Starting with the finial ball (part A), screw the ball's spindle into truck (part B). Do not grip ball to tighten, grip spindle/rod with vise grips and tighten. Tighten all nuts and set screws. (Epoxy or loc-tite type product is recommended on all connections, this material not furnished by Flagpoles Etc.).

STEP 4 - Attach the truck (part B) with ball by screwing into the threaded top of the flagpole (Do not epoxy spindle of truck). If truck (part B) is a stationary truck, be sure to secure all set screws.

STEP 5 - Feed the polypropylene rope (part C), around the pulley of the truck (part B) and down the side of the flagpole to the cleat area. Tie both ends together forming a complete loop. Space the snap hooks and neoprene covers (part D) at equal distance on either side of the knot to accommodate flag size (refer to diagram on parts page for snap hook attachment).

STEP 6 - Fasten cleat (s) (part E) into position using the self-drilling screws provided. **IMPORTANT NOTE: The cleat(s) are typically installed at 4'-6" ABOVE FINISHED GRADE.** When installing the cleat prior to setting the pole, **MAKE SURE TO ALLOW FOR DEPTH OF SLEEVE.** Use cleat as template for installation. A pilot hole or drilling oil may be used to facilitate installation. If a second cleat is desired, it is typically mounted at 180 degrees from the first. For installations involving more than two cleats, refer to shop drawings for correct positioning and orientation. For cleat box installation, use drill and tap kit to prepare holes in shaft. Align box and cleat over holes, and fasten to pole using provided bolts.

STEP 7 - Before standing flagpole, slide the flash collar (part F) up from bottom and secure at the location of the cleat holes with tape on underside of flash collar to prevent slipping.

STEP 8 - Stand flagpole into previously installed ground sleeve. (May require crane or backhoe for larger flagpoles. Always choke multiple section poles below lowest joint as a safety precaution). **Caution: When installing, the pole**

should be assembled as close as possible to the final support point. Professionals experienced in such installations should perform rigging and lifting. During lift keep clear of area and reach of pole path. Do not pass pole overhead. When installing multi-piece flagpoles, arrange the rigging for the lift in such a way that weight of the pole sections is supported from the bottom of the pole so that the flagpole joints are pushed together not pulled apart during the lift. Keep clear of power lines.

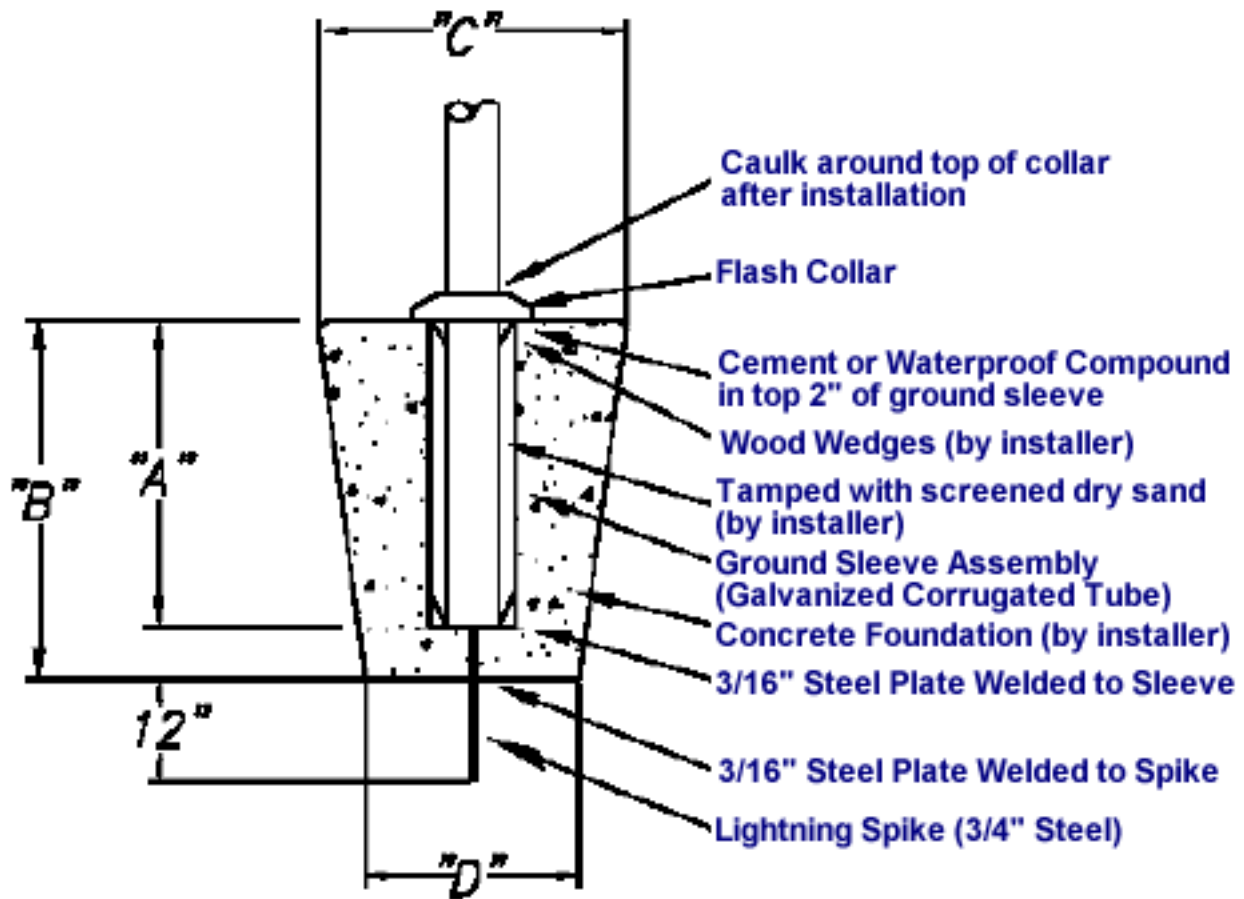
STEP 9 - After inserting flagpole into ground sleeve (corrugated tube), plumb flagpole with wooden wedges (supplied by others). Fill space between ground sleeve and flagpole with screened dry sand. Fill ground sleeve 6" to 8" at a time and tamp as you fill. Fill ground sleeve with sand to about 2" from top. Then cap off with waterproof cement. For PVC ground sleeve, insert flagpole into plastic sleeve, turn to align truck assembly with the wind, plumb pole, fill remaining void with dry sand, and top off with thin layer of waterproof cement or caulking.

STEP 10 - After waterproof cement and silicone has dried slide flash collar (part F) down into position and caulk with matching color silicone around flagpole and flash collar to seal the space between the flagpole and the flash collar.

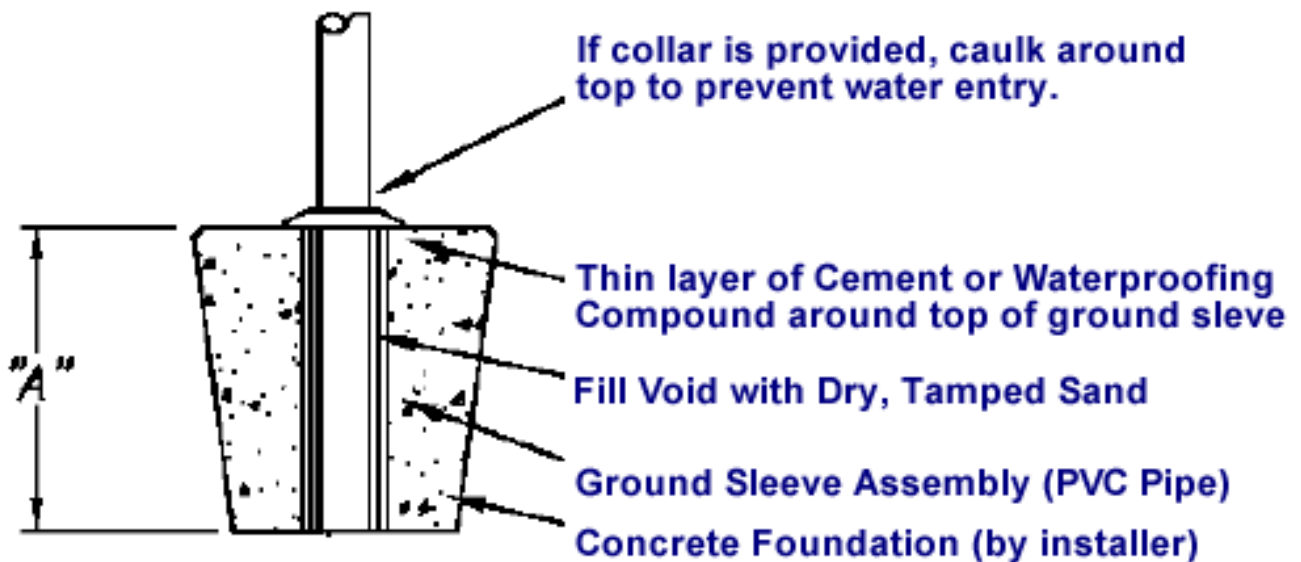
Exposed Height	A	B	C	D
20'-0"	2'-0"	2'-6"	30"	24"
25'-0"	2'-6"	3'-0"	36"	24"
30'-0"	3'-0"	3'-6"	36"	24"
35'-0"	3'-6"	4'-0"	36"	30"
40'-0"	4'-0"	4'-6"	45"	36"
45'-0"	4'-6"	5'-0"	45"	36"
50'-0"	5'-0"	5'-6"	50"	42"
55'-0"	5'-6"	6'-0"	50"	42"

60'-0"	6'-0"	6'-6"	60"	48"
65'-0"	6'-6"	7'-0"	60"	48"
70'-0"	7'-0"	7'-6"	60"	48"
75'-0"	7'-6"	8'-0"	60"	48"
80'-0"	8'-0"	8'-6"	72"	48"

Suggested minimums are based on recommendations found in the Metal Flagpole Manual published by NAAMM (The National Association of Architectural Metal Manufacturers, printed version 1980). Foundation size depends on local soil conditions and building codes. Dimensions "C" and "D" are the recommended minimums for use in good, firm, dry soil only. When dealing with soil conditions that are other than optimum (ie wet, unstable, in a frost area, etc.) consult a foundation engineer for a design appropriate to the location and loads acting on the flagpole.

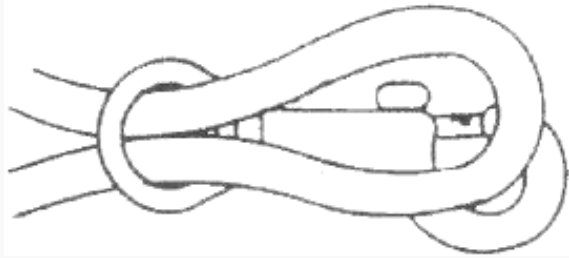


Installation Method for PVC Ground Sleeves

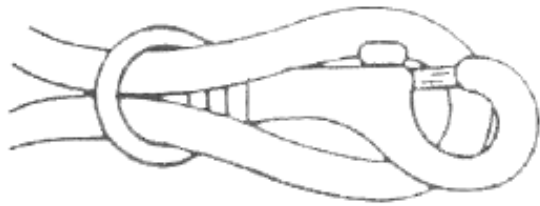


Snap Illustration

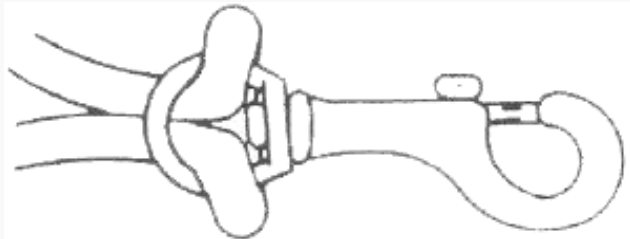
Slip a loop through the eye of the snap.



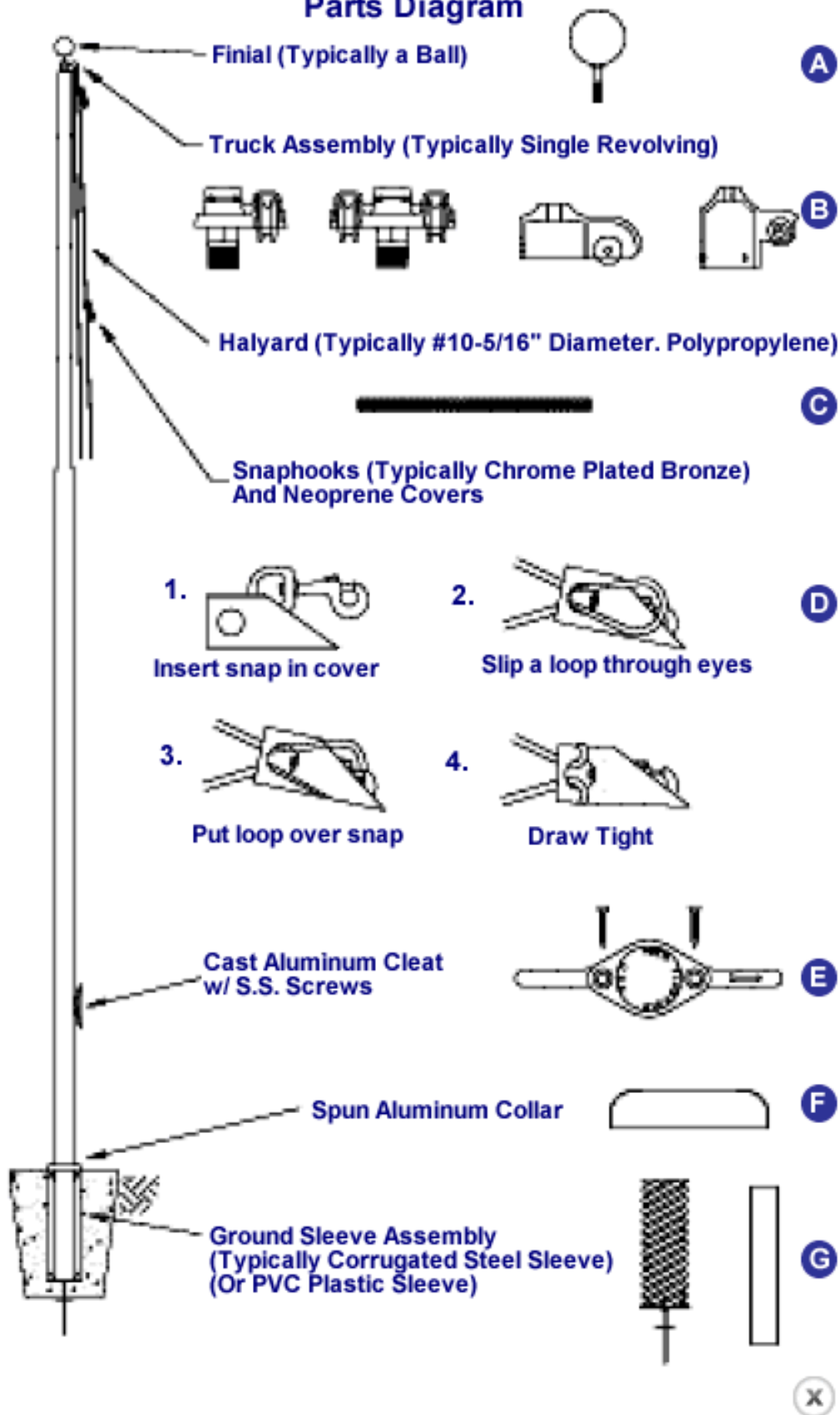
Put the loop over the snap.



Draw tight.



Parts Diagram



Premium 32 LED 250 LUX Downward Solar Flagpole Light



\$125.00

Free Shipping

Warranty:

90 Day

Recommended Flagpole Size:

15'-45'

Details:

(Larger Diameter = Brighter Illumination)

32 LED Bulbs Rated at 100,000 Hours.

Lighting Fixture:

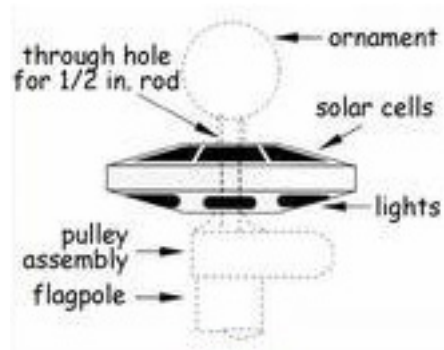
10" Diameter

250 LUX Solar Flagpole Light

Up to 8-10 hours of Illumination

Light Kit Includes:

- 3.7v Lithium Ion battery - Included
- Illumination: 250 LUX Output
- Lights: LED Bulbs Rated To Last 20 Years
- Run-time: Up To 8-10 hrs Of Illumination
- Dusk to Dawn Photo Eye
- No Wiring Needed
- 1/2" Diameter Hole Through The Light. Fits Any Standard 1/2" Spindle Threading
- For Flagpole Ornament



SIMPLY remove your threaded spindle ball from the top of your flagpole, pass it through the hole in the solar light and you're done. Easy to install, no special tools required. Illuminate your flag beautifully at night with our Premium 32 LED 250 LUX Downward Solar Flagpole Light. This solar solar light is easy to install, requiring no wiring and include rechargeable batteries. The light's photocell automatically turns on at dusk and turns back off at sunrise.