



Authorized Dealer of



**Commercial Grade
Outdoor Aluminum Flagpoles
& Flagpole Parts
2024 Catalog**

For more information or to place an order please contact:
Philip Kauppinen
716-800-FLAG (3524)
philip@grandnewflag.com



**Partner with Eder Flag ...
the single source provider
with products and service
you can count on.**

- Largest shaft inventory – **Made in U.S.A.**
- Superior service and technical expertise
- **Lifetime Warranty** on aluminum shafts
- Fast shipping
- Competitive pricing





CUSTOM FABRICATION

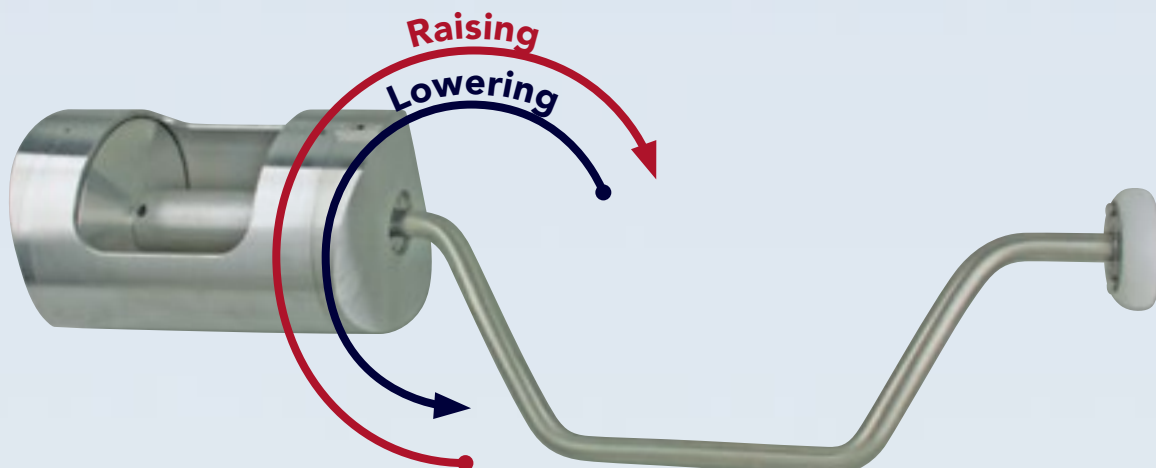
- Welding capabilities: Aluminum and Steel
- Plasma cutting
- Material cutting equipment
- Ability to polish aluminum tubing up to 45' in length
- Custom machining for various applications
- M-winch repair
- Flagpole and flagpole accessory customizations available upon request

Contact Eder Flag for your special requirements.

TOP PRODUCT: M-WINCH

Easy to use internal halyard winch system

- Maintenance free – No lubrication needed
- Sleek design
- Secure – Requires a key and specialized handle to lower flag
- Quick raising and lowering of flag
- Absence of separate braking system minimizes chance of slippage
- Available in 20' to 130' poles



OUTDOOR FLAGPOLES



Our cone tapered ground set aluminum flagpoles are precision fabricated from new, 6063-T6 tubing utilizing the industry's most sophisticated manufacturing processes. The conical portion tapers approximately 1" in every 5-1/2 feet.

All anodized flagpole shafts are highly polished with fine grain aluminum oxide cloth resulting in a high quality, deep satin lustre finish. This finish represents the ultimate in architectural finishes for aluminum flagpoles. The elegant, soft sheen remains maintenance free. See below for anodized finishes available as standard.

STANDARD & ANODIZED FINISHES

For bronze, dark bronze #313 is supplied as standard unless otherwise specified.



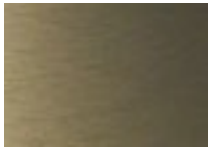
Satin



Clear
Anodized



Bronze #311
Anodized
(Light)



Bronze #312
Anodized
(Medium)



Bronze #313
Anodized
(Dark)



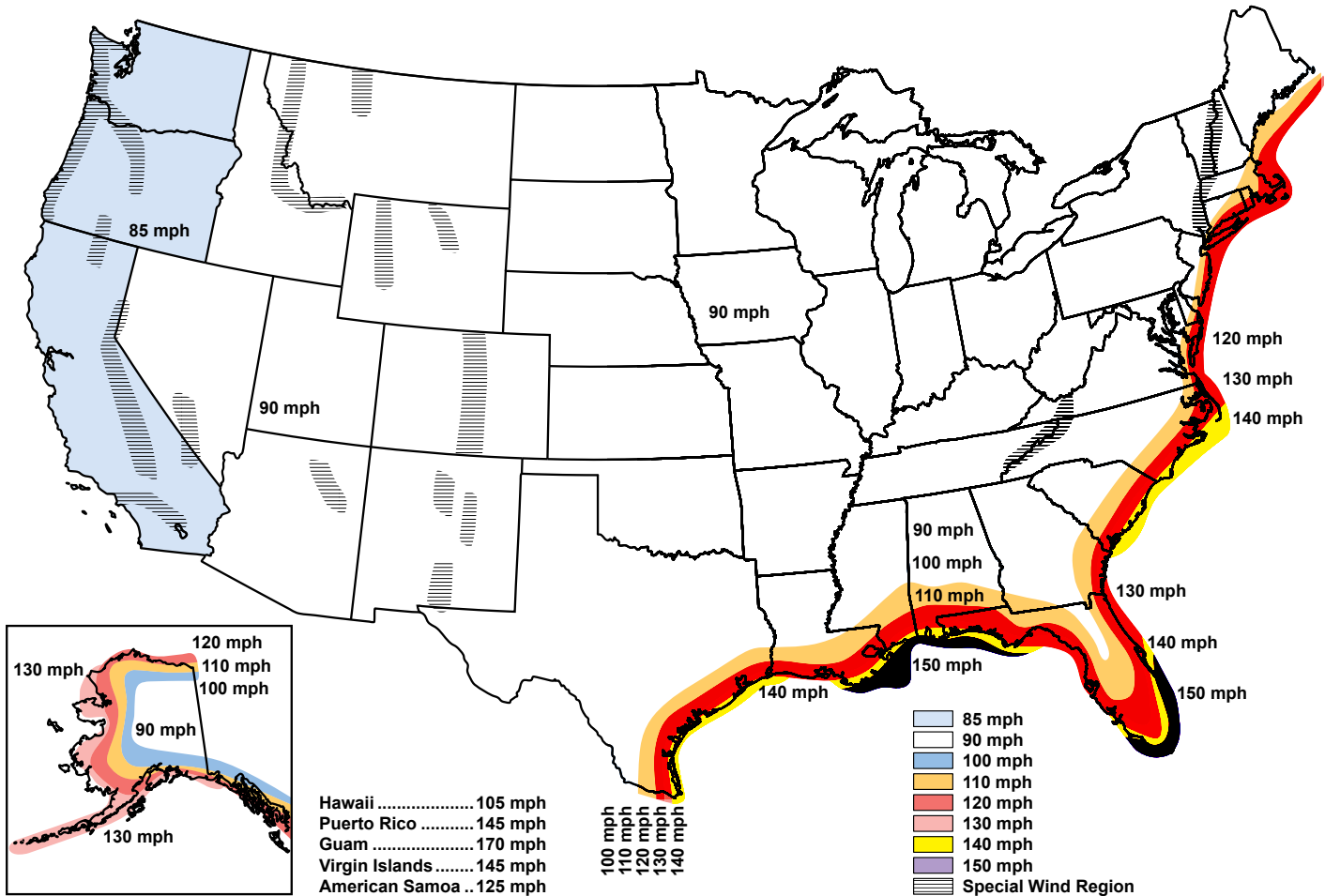
Black
Anodized
(#335)

Custom color powder coating is also available upon request. Please contact us and provide specific RAL # for a prompt quotation.



GROUND SET CONE TAPERED ALUMINUM FLAGPOLES WIND LOAD CHART

The map below shows the maximum steady wind expected at an elevation of thirty feet above ground level within a fifty-year period of recurrence. Areas with the same maximum constant or steady wind speed are indicated.



Because wind speeds are usually not constant, and gusts are involved, flagpoles (both flagged and unflagged) are listed in this catalog with a constant wind speed and a 1.3 gust factor.

Flagpoles and their associated wind speeds listed assume that ten percent of the overall length of the flagpole is buried at or near ground level per industry recommendations. Special engineering may be required for other applications such as wall or roof mounted flagpoles. Contact us for a prompt response regarding any situation that may require special engineering.

Safe flagpole design requires knowledge of the loads to which they will be subjected. Principal load acting on flagpoles is wind load and that load must be carefully determined. Maximum wind speeds to which flagpoles are exposed are dependent upon many factors such as geographical location, whether or not it is in the center of a large city, a small town's outskirts, seashore, at ground level or on the roof of a high building. Wind speeds generally are higher along coastal areas than inland. They are also higher in open country than in the center of cities. Wind speed also becomes greater as height above ground increases. Wind exerts a force on the pole as well as the flag, thus both loads must be added to determine total load. Flags of different sizes are designed to be flown from different poles.

It's important that flagpoles be selected which are capable of supporting the largest flag intended to be flown in the highest wind speed to which it will be subjected. Loads on flagpoles are resisted by the mounting foundation, roof, or wall to which it is secured.

- Specified wind speed calculations are based on nylon flag material
- All flagpole design calculations are in accordance with GUIDE SPECIFICATIONS FOR DESIGN LOADS OF METAL FLAGPOLES, ASNI/NAAMM FL 1001-07 Fifth Ed.

PLEASE NOTE: recommended flag sizes throughout this catalog do not represent a warranty that the flag size shown may be safely flown in all wind speeds. Personal injury, flagpole damage or property damage can occur when flying oversized flags and banners or flying flags in higher winds than recommended.

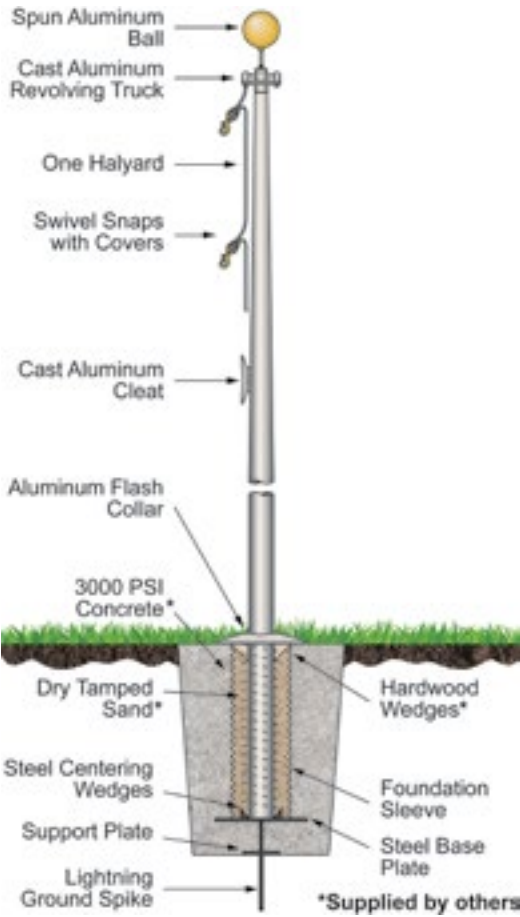
ARCHITECTURAL SERIES

External Halyard Ground Set Cone Tapered Aluminum Flagpoles

STANDARD ACCESSORIES

- Gold anodized aluminum ball ornament
 - Cast aluminum revolving truck w/pulley
 - Solid braided polyester halyard
 - Swivel flag snaps w/vinyl snap covers
- Cast aluminum cleat with mounting screws
 - Spun aluminum flash collar
 - Galvanized steel foundation sleeve

MODEL	EXPOSED HEIGHT	OVERALL LENGTH	# OF SECTIONS	BUTT DIA.	TOP DIA.	WALL	UNFLAGGED MAX. WIND SPEED	FLAGGED MAX. WIND SPEED	SUGGESTED FLAG SIZE	SHIPPING WEIGHT
EC20	20'	23'	1	5"	3"	.188	315 MPH	120+ MPH	3' x 5'	137 lbs.
EC25	25'	27'	1	6"	3-1/2"	.188	250 MPH	120+ MPH	4' x 6'	195 lbs.
EC30	30'	33'	1 or 2*	6"	3-1/2"	.188	211 MPH	120+ MPH	5' x 8'	227 lbs.
EC35	35'	38-1/2'	1 or 2*	7"	3-1/2"	.188	202 MPH	120 MPH	6' x 10'	271 lbs.
EC40	40'	44'	2**	8"	3-1/2"	.188	203 MPH	120 MPH	8' x 12'	311 lbs.
EC45	45'	49-1/2'	2**	8"	3-1/2"	.188	166 MPH	100 MPH	8' x 12'	361 lbs.
EC50	50'	55'	3**	10"	4"	.188	185 MPH	115 MPH	10' x 15'	513 lbs.
EC60	60'	66'	3**	12"	4"	.250	213 MPH	120 MPH	12' x 18'	833 lbs.
EC70	70'	77'	3**	12"	4"	.250	169 MPH	105 MPH	15' x 25'	978 lbs.
EC80	80'	88'	3**	12"	4"	.375	174 MPH	105 MPH	20' x 30'	1357 lbs.



* Flagpole models available in both one and two section styles; please specify when placing your order. Single section pole(s) will be shipped if not specified.
Add 10% to the pricing for two section style flagpoles.

** Flagpole models available in multi-piece pole(s) only.

SATIN

MODEL	ITEM #	1-2	3-6	7+
EC20	320113	\$2,390	\$2,270	\$2,170
EC25	320114	3,020	2,930	2,740
EC30	320115	3,380	3,270	3,030
EC35	320116	4,550	4,280	4,070
EC40	320117	5,840	5,640	5,370
EC45	320118	6,600	6,280	5,960
EC50	320119	8,940	8,520	8,100
EC60	320120	17,350	16,470	15,630
EC70	320121	19,540	18,590	17,590
EC80	320122	24,390	23,360	22,150

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
EC20	320123	\$2,910	\$2,790	\$2,610
EC25	320124	3,700	3,480	3,330
EC30	320125	4,130	3,940	3,700
EC35	320126	5,500	5,280	4,950
EC40	320127	7,150	6,780	6,410
EC45	320128	7,920	7,530	7,100
EC50	320129	11,090	10,550	9,960
EC60	320130	19,920	18,920	17,920
EC70	320131	22,480	21,370	20,230
EC80	320132	28,500	27,040	25,670

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
EC20	320133	\$2,980	\$2,870	\$2,700
EC25	320134	3,740	3,600	3,380
EC30	320135	4,220	4,010	3,810
EC35	320136	5,660	5,360	5,060
EC40	320137	7,340	6,990	6,620
EC45	320138	8,170	7,730	7,340
EC50	320139	11,420	10,890	10,290
EC60	320140	20,390	19,370	18,340
EC70	320141	23,050	21,850	20,690
EC80	320142	29,060	27,630	26,070

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
EC20	320143	\$3,140	\$2,960	\$2,780
EC25	320144	3,980	3,800	3,590
EC30	320145	4,500	4,280	4,030
EC35	320146	5,930	5,620	5,310
EC40	320147	7,730	7,340	6,960
EC45	320148	8,620	8,180	7,730
EC50	320149	12,060	11,410	10,860
EC60	320150	21,140	20,060	18,980
EC70	320151	23,940	22,680	21,510
EC80	320152	30,100	28,630	27,060

Add \$60.00 to any of the flagpole pricing above for double-cleat/double-halyard flagpoles.

HURRICANE SERIES FLAGPOLES

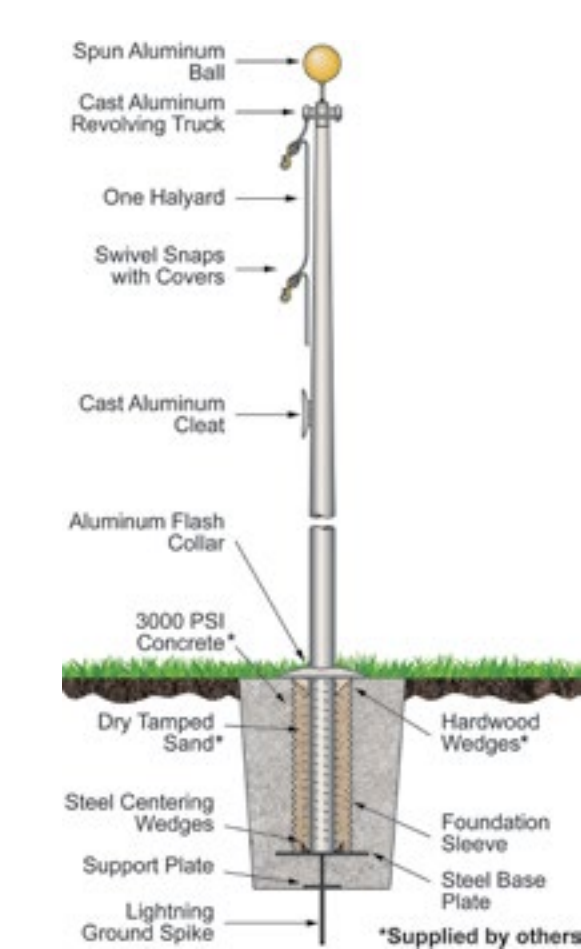
External Halyard Ground Set Cone Tapered Aluminum Flagpoles

STANDARD EXTERNAL POLE ACCESSORIES

- Gold anodized aluminum ball ornament
- Cast aluminum revolving truck w/pulley
- Solid braided polyester halyard
- Swivel flag snaps w/vinyl snap covers
- Cast aluminum cleat with mounting screws
- Spun aluminum flash collar
- Galvanized steel foundation sleeve

Increased Wall Thickness or Butt Diameter Make Our Hurricane Series Flagpoles the Best Choice for High Wind Locations

MODEL	EXPOSED HEIGHT	OVERALL LENGTH	# OF SECTIONS	BUTT DIA.	TOP DIA.	WALL	UNFLAGGED MAX. WIND SPEED	FLAGGED MAX. WIND SPEED	SUGGESTED FLAG SIZE	SHIPPING WEIGHT
ECH25	25'	27'	1	6"	3-1/2"	.250	255 MPH	150+ MPH	4' x 6'	239 lbs.
ECH30	30'	33'	2	6"	3-1/2"	.250	241 MPH	150+ MPH	5' x 8'	322 lbs.
ECH35	35'	38-1/2'	2	8"	3-1/2"	.250	255 MPH	150 MPH	6' x 10'	351 lbs.
ECH40	40'	44'	2	8"	3-1/2"	.250	231 MPH	150 MPH	8' x 12'	399 lbs.
ECH50	50'	55'	3	10"	4"	.312	230 MPH	150 MPH	10' x 15'	661 lbs.



SATIN

MODEL	ITEM #	1-2	3-6	7+
ECH25	324117	\$4,080	\$3,890	\$3,740
ECH30	324118	5,580	5,370	5,110
ECH35	324119	6,260	5,960	5,740
ECH40	324120	7,240	6,930	6,650
ECH50	324121	13,580	13,060	12,540

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECH25	324122	\$4,680	\$4,490	\$4,210
ECH30	324123	6,410	6,110	5,890
ECH35	324124	7,330	6,990	6,730
ECH40	324125	8,550	8,210	7,910
ECH50	324126	15,560	14,950	14,320

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECH25	324127	\$4,870	\$4,680	\$4,490
ECH30	324128	6,540	6,260	6,040
ECH35	324129	7,630	7,340	7,000
ECH40	324130	8,840	8,490	8,170
ECH50	324131	16,090	15,470	14,830

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECH25	324132	\$5,100	\$4,920	\$4,710
ECH30	324133	6,790	6,600	6,260
ECH35	324134	8,070	7,730	7,480
ECH40	324135	9,350	8,950	8,630
ECH50	324136	16,790	16,170	15,480

Add \$60.00 to any of the flagpole pricing above for double-cleat/double-halyard flagpoles.

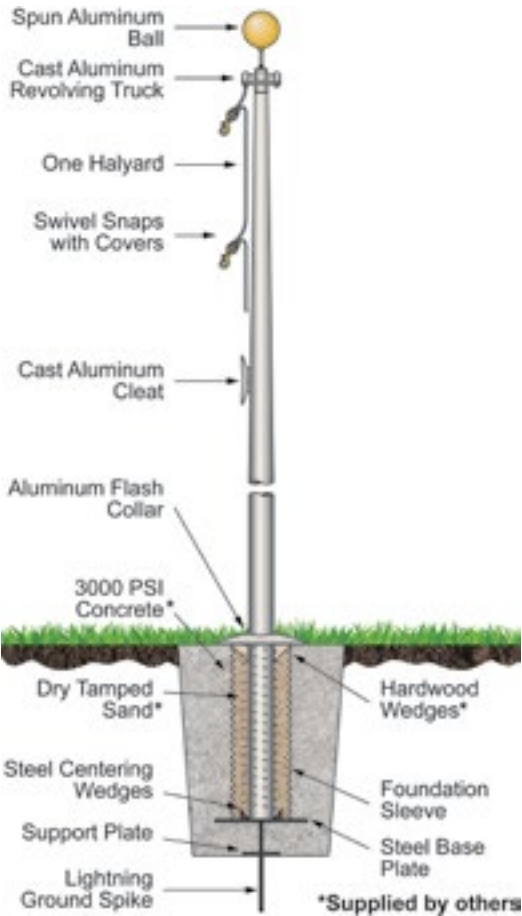
ECONOMY EXTRA SERIES

External Halyard Ground Set Cone Tapered Aluminum Flagpoles

STANDARD ACCESSORIES

- Gold anodized aluminum ball ornament
- Cast aluminum revolving truck w/pulley
- Solid braided polyester halyard
- Swivel flag snaps w/vinyl snap covers
- Cast aluminum cleat with mounting screws
- Spun aluminum flash collar
- Galvanized steel foundation sleeve

MODEL	EXPOSED HEIGHT	OVERALL LENGTH	# OF SECTIONS	BUTT DIA.	TOP DIA.	WALL	UNFLAGGED MAX. WIND SPEED	FLAGGED MAX. WIND SPEED	SUGGESTED FLAG SIZE	SHIPPING WEIGHT
ECX20	20'	23'	1	5"	3"	.125	255 MPH	120+ MPH	3' x 5'	119 lbs.
ECX25	25'	27'	1	5"	3"	.125	137 MPH	105 MPH	4' x 6'	129 lbs.
ECX30	30'	33'	1 or 2*	5"	3"	.125	104 MPH	85 MPH	5' x 8'	154 lbs.
ECX35	35'	38-1/2'	1 or 2*	6"	3-1/2"	.156	119 MPH	91 MPH	6' x 10'	237 lbs.
ECX40	40'	44'	2**	7"	3-1/2"	.156	122 MPH	91 MPH	8' x 12'	272 lbs.
ECX50	50'	55'	3**	8"	3-1/2"	.188	118 MPH	85 MPH	10' x 15'	433 lbs.
ECX60	60'	66'	3**	10"	4"	.188	122 MPH	90 MPH	12' x 18'	665 lbs.
ECX70	70'	77'	3**	10"	4"	.312	127 MPH	91 MPH	15' x 25'	1032 lbs.



* Flagpole models available in both one and two section styles; please specify when placing your order. Single section pole(s) will be shipped if not specified.
Add 10% to the pricing for two section style flagpoles.
** Flagpole models available in multi-piece pole(s) only.

SATIN

MODEL	ITEM #	1-2	3-6	7+
ECX20	320193	\$1,910	\$1,800	\$1,670
ECX25	320194	1,990	1,910	1,790
ECX30	320195	2,210	2,130	1,990
ECX35	320196	3,430	3,270	3,020
ECX40	320197	5,020	4,770	4,500
ECX50	320198	7,120	6,740	6,370
ECX60	320199	10,320	9,970	9,280
ECX70	320200	16,550	15,730	14,890

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECX20	320201	\$2,320	\$2,230	\$2,120
ECX25	320202	2,530	2,390	2,230
ECX30	320203	2,840	2,720	2,600
ECX35	320204	4,210	4,000	3,800
ECX40	320205	5,970	5,760	5,410
ECX50	320206	8,560	8,160	7,720
ECX60	320207	12,420	11,810	11,190
ECX70	320208	19,350	18,390	17,360

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECX20	320209	\$2,400	\$2,260	\$2,150
ECX25	320210	2,580	2,440	2,290
ECX30	320211	2,870	2,760	2,580
ECX35	320212	4,320	4,120	3,870
ECX40	320213	6,250	5,920	5,610
ECX50	320214	8,850	8,380	7,930
ECX60	320215	12,850	12,220	11,520
ECX70	320216	19,750	18,770	17,800

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECX20	320217	\$2,540	\$2,390	\$2,240
ECX25	320218	2,750	2,590	2,400
ECX30	320219	3,080	2,960	2,780
ECX35	320220	4,620	4,370	4,120
ECX40	320221	6,530	6,220	5,820
ECX50	320222	9,250	8,780	8,340
ECX60	320223	13,470	12,830	12,110
ECX70	320224	20,520	19,530	18,450

Add \$60.00 to any of the flagpole pricing above for double-cleat/double-halyard flagpoles.

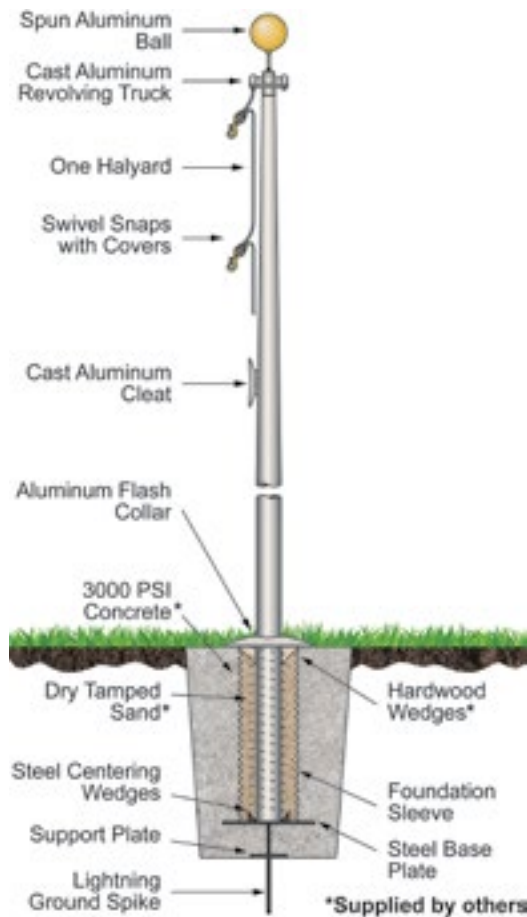
ATLAS SERIES

External Halyard Ground Set Cone Tapered Aluminum Flagpoles

STANDARD ACCESSORIES

- Gold anodized aluminum ball ornament
- Cast aluminum revolving truck with pulley (ECSA20 & ECSA25 poles have a stationary truck as standard)
- Solid braided polyester halyard
- Swivel flag snaps w/vinyl snap covers
- Cast aluminum cleat with mounting screws
- Spun aluminum flash collar
- Galvanized steel foundation sleeve

MODEL	EXPOSED HEIGHT	OVERALL LENGTH	# OF SECTIONS	BUTT DIA.	TOP DIA.	WALL	UNFLAGGED MAX. WIND SPEED	FLAGGED MAX. WIND SPEED	SUGGESTED FLAG SIZE	SHIPPING WEIGHT
ECSA20	20'	22'	1	4"	2-3/8"	.125	152 MPH	110 MPH	3' x 5'	92 lbs.
ECSA25	25'	27'	1	4"	2-3/8"	.125	113 MPH	88 MPH	4' x 6'	112 lbs.
ECXA25	25'	27'	1	5"	3"	.156	183 MPH	120 MPH	4' x 6'	147 lbs.
ECXA30	30'	33'	1 or 2*	5"	3"	.156	119 MPH	95 MPH	5' x 8'	162 lbs.
ECL30	30'	33'	1	5"	3"	.188	131 MPH	100 MPH	5' x 8'	180 lbs.
ECA30	30'	33'	1 or 2*	6"	3-1/2"	.156	184 MPH	115 MPH	5' x 8'	218 lbs.
ECSA35	35'	38-1/2'	1	5"	3"	.188	104 MPH	86 MPH	6' x 10'	228 lbs.
ECA35	35'	38-1/2'	1 or 2*	7"	3-1/2"	.156	175 MPH	114 MPH	6' x 10'	251 lbs.
ECA40	40'	44'	2**	8"	3-1/2"	.156	171 MPH	110 MPH	8' x 12'	298 lbs.
ECXA60	60'	66'	3**	10"	4"	.250	150 MPH	106 MPH	12' x 18'	754 lbs.



* Flagpole models available in both one and two section styles; please specify when placing your order. Single section pole(s) will be shipped if not specified.
Add 10% to the pricing for two section style flagpoles.

** Flagpole models available in multi-piece pole(s) only.

SATIN

MODEL	ITEM #	1-2	3-6	7+
ECSA20	320337	\$1,310	\$1,250	\$1,170
ECSA25	320338	1,400	1,330	1,250
ECXA25	320339	2,380	2,210	2,110
ECXA30	320340	2,680	2,530	2,390
ECL30	320884	2,860	2,720	2,580
ECA30	320341	3,290	3,130	2,950
ECSA35	320342	2,980	2,840	2,670
ECA35	320343	3,910	3,680	3,500
ECA40	320344	5,730	5,530	5,250
ECXA60	320345	13,080	12,500	11,790

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECSA20	320346	\$1,670	\$1,590	\$1,490
ECSA25	320347	1,800	1,710	1,640
ECXA25	320348	2,870	2,760	2,590
ECXA30	320349	3,220	3,080	2,890
ECL30	320885	3,350	3,220	3,000
ECA30	320350	4,000	3,810	3,590
ECSA35	320351	3,700	3,530	3,340
ECA35	320352	4,840	4,570	4,320
ECA40	320353	7,040	6,680	6,290
ECXA60	320354	15,410	14,650	13,890

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECSA20	320355	\$1,750	\$1,660	\$1,560
ECSA25	320356	1,920	1,790	1,670
ECXA25	320357	3,010	2,860	2,720
ECXA30	320358	3,380	3,190	3,030
ECL30	320886	3,520	3,340	3,170
ECA30	320359	4,120	3,920	3,710
ECSA35	320360	3,750	3,570	3,420
ECA35	320361	4,960	4,730	4,440
ECA40	320362	7,220	6,880	6,510
ECXA60	320363	15,750	14,950	14,240

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECSA20	320364	\$1,840	\$1,750	\$1,650
ECSA25	320365	2,020	1,940	1,800
ECXA25	320366	3,080	2,940	2,780
ECXA30	320367	3,500	3,330	3,090
ECL30	320887	3,600	3,430	3,230
ECA30	320368	4,290	4,110	3,830
ECSA35	320369	3,990	3,750	3,570
ECA35	320370	5,230	4,970	4,730
ECA40	320371	7,610	7,220	6,860
ECXA60	320372	16,430	15,610	14,750

Note: the ECSA20 and ECSA25 flagpoles are not supplied with a plate support or centering wedges.

Add \$60.00 to any of the flagpole pricing above for double-cleat/double-halyard flagpoles.

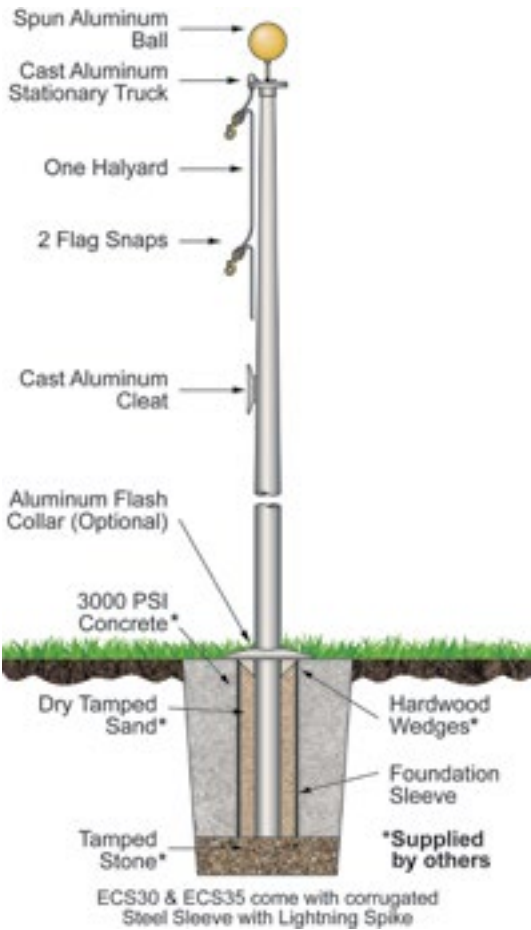
SPECIAL BUDGET SERIES

External Halyard Ground Set Cone Tapered Aluminum Flagpoles

STANDARD ACCESSORIES

- Gold anodized aluminum ball ornament
- Cast aluminum stationary truck w/pulley (ECS35 has a revolving truck as standard)
- Solid braided polyester halyard
- Cast aluminum cleat with mounting screws
- Metal swivel flag snaps w/vinyl covers
- Flash collar not included as standard equipment for this series
- PVC foundation sleeve (ECS30 & ECS35 poles have a galvanized steel sleeve as standard)

MODEL	EXPOSED HEIGHT	OVERALL LENGTH	# OF SECTIONS	BUTT DIA.	TOP DIA.	WALL	UNFLAGGED MAX. WIND SPEED	FLAGGED MAX. WIND SPEED	SUGGESTED FLAG SIZE	SHIPPING WEIGHT
ECSS15	15'	17'	1	3"	1-7/8"	.125	170 MPH	120 MPH	3' x 5'	45 lbs.
ECSS20	20'	22'	1 or 3**	3"	1-7/8"	.125	118 MPH	85 MPH	3' x 5'	54 lbs.
ECSS25	25'	27'	1 or 4**	3"	1-7/8"	.125	89 MPH	65 MPH	4' x 6'	64 lbs.
ECS20	20'	22'	1	3-1/2"	2-3/8"	.125	128 MPH	96 MPH	3' x 5'	61 lbs.
ECS25	25'	27'	1	3-1/2"	2-3/8"	.125	95 MPH	77 MPH	4' x 6'	73 lbs.
ECS30	30'	33'	1 or 2*	4"	2-3/8"	.125	88 MPH	50 MPH	5' x 8'	125 lbs.
ECS35	35'	38-1/2'	1 or 2*	5"	3"	.156	92 MPH	76 MPH	6' x 10'	213 lbs.



* Flagpole models available in both one and two section styles; please specify when placing your order. Single section pole(s) will be shipped if not specified. Add 10% to the pricing for two section style flagpoles.

** Flagpole models also available in multi-piece pole(s); See pricing at bottom.

SATIN

MODEL	ITEM #	1-2	3-6	7+
ECSS15	320259	\$700	\$640	\$590
ECSS20	320260	800	780	750
ECSS25	320261	940	910	830
ECS20	320262	1,160	1,100	990
ECS25	320263	1,330	1,280	1,190
ECS30	320264	1,460	1,390	1,300
ECS35	320265	2,260	2,180	2,030

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECSS15	320268	\$910	\$840	\$810
ECSS20	320269	1,080	1,010	950
ECSS25	320270	1,300	1,220	1,180
ECS20	320271	1,490	1,430	1,330
ECS25	320272	1,730	1,650	1,510
ECS30	320273	1,950	1,840	1,730
ECS35	320274	2,890	2,780	2,610

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECSS15	320277	\$930	\$910	\$840
ECSS20	320278	1,140	1,080	1,000
ECSS25	320279	1,350	1,300	1,230
ECS20	320280	1,560	1,490	1,410
ECS25	320281	1,770	1,670	1,580
ECS30	320282	2,040	1,940	1,830
ECS35	320283	3,030	2,870	2,750

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECSS15	320286	\$960	\$930	\$870
ECSS20	320287	1,220	1,180	1,080
ECSS25	320288	1,430	1,380	1,300
ECS20	320289	1,590	1,500	1,460
ECS25	320290	1,830	1,730	1,620
ECS30	320291	2,170	2,070	1,950
ECS35	320292	3,230	3,080	2,890

Add \$60.00 to any of the flagpole pricing above for double-cleat/double-halyard flagpoles. Add \$38.00 for flash collar.

SECTIONAL SPECIAL BUDGET SERIES

External Halyard Ground Set Cone Tapered Aluminum Flagpoles

Looking for an excellent way to reduce your shipping costs on 20 ft. and 25 ft. aluminum flagpoles?

Eder Flag's three section 20 ft. and four section 25 ft. Special Budget Series flagpoles can be shipped via parcel carrier!

These popular poles are:

- Simple to install and come complete in a boxed set with all the standard accessories.
- Easy to store in your warehouse or backroom.
- Available in satin, clear, bronze and black anodized finishes.

This line of commercial grade flagpoles, manufactured using 6063-T6 aluminum tubing, can be used in both residential and commercial applications. These cone tapered flagpoles have the elements of a one piece pole with the advantage of low shipping costs.



THREE SECTION ECSS20 (CAN BE SHIPPED VIA PARCEL CARRIER)

MODEL	ITEM #	FINISH	1-2	3-6	7+	WEIGHT
SS20TS	320329	SATIN	\$940	\$910	\$840	43 lbs.
SS20TS	320330	CLEAR	1,140	1,110	1,030	43 lbs.
SS20TS	320331	BRONZE	1,190	1,160	1,110	43 lbs.
SS20TS	320332	BLACK	1,270	1,220	1,160	43 lbs.

FOUR SECTION ECSS25 (CAN BE SHIPPED VIA PARCEL CARRIER)

MODEL	ITEM #	FINISH	1-2	3-6	7+	WEIGHT
SS25FS	323976	SATIN	\$1,120	\$1,060	\$1,010	52 lbs.
SS25FS	323977	CLEAR	1,400	1,320	1,220	52 lbs.
SS25FS	323978	BRONZE	1,420	1,350	1,260	52 lbs.
SS25FS	323979	BLACK	1,550	1,420	1,350	52 lbs.



Add \$60.00 to any of the flagpole pricing above for double-cleat/double-halyard flagpoles. Add \$38.00 for flash collar.



DELUXE LED SOLAR FLAGPOLE LIGHT



See page 144 for more information

DELUXE IH SERIES

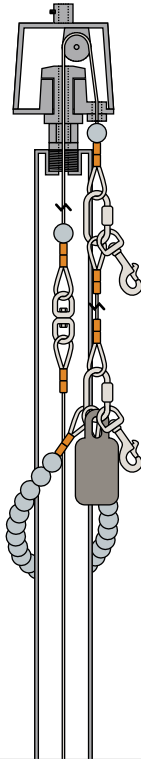
Internal Halyard Ground Set Cone Tapered Aluminum Flagpoles

These internal halyard flagpoles contain a winch mounted inside the flagpole shaft, operable only with a removable crank handle. As the stainless steel cable unwinds from the winch, it passes up through the inside of the flagpole shaft, over the truck sheave to the outside of the shaft, where the retainer ring provides a sliding anchor. A counterweight, heavily coated with neoprene, attached to the retainer ring, allows the halyard to be lowered for fastening or removing the flag. The winch is gearless and self-locking at any point, eliminating the need for a separate brake. This direct drive winch provides rapid raising and lowering of the flag with little effort. This design does not require any welding, thus avoiding discoloration when an anodized finish is desired. No monthly lubrication is needed.

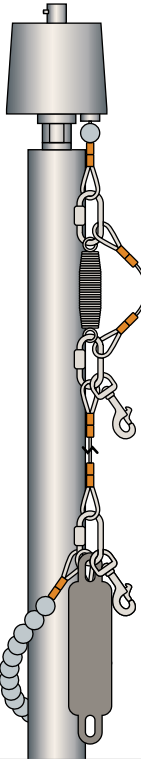
STANDARD ACCESSORIES

- Cast aluminum revolving truck with enclosed stainless steel bearings and raceway
 - Stainless Steel Cable Assembly
 - Deluxe Flag Arrangement
 - Retainer ring and counterweight
- M-Winch System
 - Spun aluminum flash collar
 - Galvanized steel foundation sleeve
 - See [page 121-122](#) for optional ornament selections

20' – 35' Poles



40' – 80' Poles



MODEL	EXPOSED HEIGHT	OVERALL LENGTH	# OF SECTIONS	BUTT DIA.	TOP DIA.	WALL	UNFLAGGED MAX. WIND SPEED	FLAGGED MAX. WIND SPEED	SUGGESTED FLAG SIZE	SHIPPING WEIGHT
ECX20IH	20'	23'	1	5"	3"	.125	250 MPH	120+ MPH	3' x 5'	129 lbs.
EC20IH	20'	23'	1	5"	3"	.188	315 MPH	120+ MPH	3' x 5'	147 lbs.
ECX25IH	25'	27'	1	5"	3"	.125	144 MPH	104 MPH	4' x 6'	139 lbs.
ECXA25IH	25'	27'	1	5"	3"	.156	192 MPH	117 MPH	4' x 6'	157 lbs.
EC25IH	25'	27'	1	6"	3-1/2"	.188	222 MPH	120+ MPH	4' x 6'	195 lbs.
ECX30IH	30'	33'	1 or 2*	5"	3"	.125	110 MPH	75 MPH	5' x 8'	177 lbs.
ECXA30IH	30'	33'	1 or 2*	5"	3"	.156	119 MPH	91 MPH	5' x 8'	187 lbs.
ECL30IH	30'	33'	1	5"	3"	.188	131 MPH	100 MPH	5' x 8'	190 lbs.
ECA30IH	30'	33'	1 or 2*	6"	3-1/2"	.156	184 MPH	117 MPH	5' x 8'	239 lbs.
EC30IH	30'	33'	1 or 2*	6"	3-1/2"	.188	211 MPH	120+ MPH	5' x 8'	242 lbs.
ECSA35IH	35'	38-1/2'	1	5"	3"	.188	104 MPH	86 MPH	6' x 10'	241 lbs.
ECX35IH	35'	38-1/2'	1 or 2*	6"	3-1/2"	.156	122 MPH	91 MPH	6' x 10'	261 lbs.
ECXA35IH	35'	38-1/2'	1 or 2*	7"	3-1/2"	.156	179 MPH	117 MPH	6' x 10'	280 lbs.
EC35IH	35'	38-1/2'	1 or 2*	7"	3-1/2"	.188	200 MPH	120 MPH	6' x 10'	290 lbs.
ECX40IH	40'	44'	2**	7"	3-1/2"	.156	125 MPH	91 MPH	8' x 12'	282 lbs.
ECA40IH	40'	44'	2**	8"	3-1/2"	.156	171 MPH	110 MPH	8' x 12'	319 lbs.
EC40IH	40'	44'	2**	8"	3-1/2"	.188	203 MPH	120 MPH	8' x 12'	319 lbs.
EC45IH	45'	49-1/2'	2**	8"	3-1/2"	.188	166 MPH	100 MPH	8' x 12'	371 lbs.
ECX50IH	50'	55'	3**	8"	3-1/2"	.188	118 MPH	85 MPH	10' x 15'	443 lbs.
EC50IH	50'	55'	3**	10"	4"	.188	185 MPH	115 MPH	10' x 15'	523 lbs.
ECX60IH	60'	66'	3**	10"	4"	.188	122 MPH	90 MPH	12' x 18'	675 lbs.
ECXA60IH	60'	66'	3**	10"	4"	.250	150 MPH	106 MPH	12' x 18'	764 lbs.
EC60IH	60'	66'	3**	12"	4"	.250	213 MPH	120 MPH	12' x 18'	843 lbs.
ECX70IH	70'	77'	3**	10"	4"	.312	127 MPH	91 MPH	15' x 25'	1042 lbs.
EC70IH	70'	77'	3**	12"	4"	.250	169 MPH	105 MPH	15' x 25'	988 lbs.
EC80IH	80'	88'	3**	12"	4"	.375	174 MPH	105 MPH	20' x 30'	1367 lbs.

* Flagpole models available in both one and two section styles; please specify when placing your order. Single section pole(s) will be shipped if not specified. **Add 10% to the pricing for two section style flagpoles.**

** Flagpole models available in multi-piece pole(s) only.

DELUXE IH SERIES

Internal Halyard Ground Set Cone Tapered Aluminum Flagpoles

SATIN

MODEL	ITEM #	1-2	3-6	7+
ECX20IH	320473	\$3,090	\$2,930	\$2,770
EC20IH	320474	3,660	3,520	3,310
ECX25IH	320475	3,410	3,250	3,020
ECXA25IH	320476	3,740	3,530	3,370
EC25IH	320477	5,410	5,170	4,890
ECX30IH	320478	3,640	3,470	3,310
ECXA30IH	320479	4,030	3,830	3,630
ECL30IH	320892	4,280	4,080	3,900
ECA30IH	320480	6,120	5,790	5,490
EC30IH	320481	6,290	5,990	5,680
ECSA35IH	320482	4,440	4,220	4,000
ECX35IH	320483	6,240	5,940	5,620
ECA35IH	320484	6,570	6,260	5,920
EC35IH	320485	7,400	7,020	6,630
ECX40IH	320486	7,740	7,350	6,950
ECA40IH	320487	8,840	8,390	7,940
EC40IH	320488	8,950	8,510	8,050
EC45IH	320489	9,380	8,890	8,390
ECX50IH	320490	9,820	9,290	8,800
EC50IH	320491	11,830	11,200	10,650
ECX60IH	320492	13,930	13,210	12,500
ECXA60IH	320493	17,060	16,220	15,360
EC60IH	320494	21,160	20,110	19,010
ECX70IH	320495	19,340	18,360	17,370
EC70IH	320496	23,070	21,870	20,620
EC80IH	320497	29,820	27,950	26,520

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECX20IH	320523	\$3,690	\$3,530	\$3,330
EC20IH	320524	4,280	4,110	3,890
ECX25IH	320525	4,070	3,870	3,630
ECXA25IH	320526	4,440	4,210	4,000
EC25IH	320527	6,330	5,970	5,670
ECX30IH	320528	4,430	4,190	3,970
ECXA30IH	320529	4,860	4,620	4,370
ECL30IH	320894	5,040	4,770	4,550
ECA30IH	320530	7,130	6,770	6,380
EC30IH	320531	7,330	6,960	6,620
ECSA35IH	320532	5,330	5,040	4,820
ECX35IH	320533	7,350	7,040	6,620
ECA35IH	320534	7,850	7,520	7,080
EC35IH	320535	8,730	8,310	7,800
ECX40IH	320536	9,150	8,680	8,250
ECA40IH	320537	10,440	9,930	9,370
EC40IH	320538	10,550	10,050	9,490
EC45IH	320539	11,190	10,620	10,070
ECX50IH	320540	11,810	11,240	10,630
EC50IH	320541	14,250	13,490	12,810
ECX60IH	320542	16,780	15,930	15,070
ECXA60IH	320543	20,200	19,230	18,170
EC60IH	320544	24,930	23,700	22,470
ECX70IH	320545	22,960	21,850	20,660
EC70IH	320546	27,510	26,150	24,770
EC80IH	320547	34,980	33,220	31,260

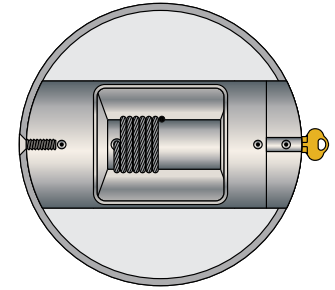
CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECX20IH	320498	\$3,620	\$3,500	\$3,240
EC20IH	320499	4,210	4,010	3,810
ECX25IH	320500	3,970	3,750	3,570
ECXA25IH	320501	4,360	4,130	3,900
EC25IH	320502	6,210	5,940	5,620
ECX30IH	320503	4,320	4,080	3,890
ECXA30IH	320504	4,710	4,530	4,210
ECL30IH	320893	4,910	4,700	4,390
ECA30IH	320505	7,050	6,670	6,320
EC30IH	320506	7,270	6,890	6,490
ECSA35IH	320507	5,280	4,990	4,750
ECX35IH	320508	7,250	6,850	6,480
ECA35IH	320509	7,680	7,330	6,940
EC35IH	320510	8,560	8,160	7,680
ECX40IH	320511	8,990	8,540	8,090
ECA40IH	320512	10,230	9,740	9,200
EC40IH	320513	10,330	9,860	9,310
EC45IH	320514	10,940	10,430	9,860
ECX50IH	320515	11,520	11,040	10,440
EC50IH	320516	13,890	13,210	12,530
ECX60IH	320517	16,240	15,440	14,610
ECXA60IH	320518	19,650	18,670	17,640
EC60IH	320519	24,290	23,120	21,840
ECX70IH	320520	22,320	21,200	20,090
EC70IH	320521	26,750	25,390	24,080
EC80IH	320522	34,060	32,360	30,660

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECX20IH	320548	\$3,820	\$3,620	\$3,440
EC20IH	320549	4,430	4,190	3,980
ECX25IH	320550	4,200	3,990	3,750
ECXA25IH	320551	4,560	4,360	4,110
EC25IH	320552	6,440	6,110	5,780
ECX30IH	320553	4,590	4,370	4,120
ECXA30IH	320554	4,990	4,760	4,500
ECL30IH	320895	5,190	4,950	4,680
ECA30IH	320555	7,340	6,990	6,600
EC30IH	320556	7,550	7,180	6,770
ECSA35IH	320557	5,580	5,290	4,970
ECX35IH	320558	7,600	7,260	6,850
ECA35IH	320559	8,130	7,680	7,280
EC35IH	320560	8,960	8,510	8,090
ECX40IH	320561	9,460	8,990	8,510
ECA40IH	320562	10,770	10,220	9,650
EC40IH	320563	10,890	10,320	9,770
EC45IH	320564	11,510	10,980	10,430
ECX50IH	320565	12,200	11,550	10,950
EC50IH	320566	14,760	13,990	13,260
ECX60IH	320567	17,230	16,370	15,540
ECXA60IH	320568	20,630	19,610	18,550
EC60IH	320569	25,480	24,140	22,820
ECX70IH	320570	23,430	22,290	21,050
EC70IH	320571	28,010	26,680	25,370
EC80IH	320572	35,410	33,670	31,880

M-Winch Detail



No welding required, thus no discoloration when anodized. No monthly lubrication needed.



HURRICANE SERIES FLAGPOLES - WITH M-WINCH

Internal Halyard Ground Set Cone Tapered Aluminum Flagpoles

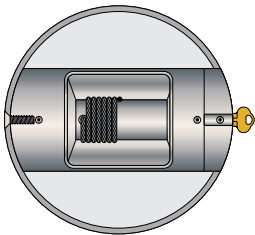
These internal halyard flagpoles contain a winch mounted inside the flagpole shaft, operable only with a removable crank handle. As the stainless steel cable unwinds from the winch, it passes up through the inside of the flagpole shaft, over the truck sheave to the outside of the shaft, where the retainer ring provides a sliding anchor. A counterweight, heavily coated with neoprene, attached to the retainer ring, allows the halyard to be lowered for fastening or removing the flag. The winch is gearless and self-locking at any point, eliminating the need for a separate brake. This direct drive winch provides rapid raising and lowering of the flag with little effort. This design does not require any welding, thus avoiding discoloration when an anodized finish is desired. No monthly lubrication is needed.

STANDARD INTERNAL POLE ACCESSORIES

- Cast aluminum revolving truck with enclosed stainless steel bearings and raceway
 - Stainless steel cable assembly
 - Deluxe flag arrangement
 - Retainer ring and counterweight
- M-Winch system
 - Spun aluminum flash collar
 - Galvanized steel foundation sleeve
 - See [page 121-122](#) for optional ornament selections

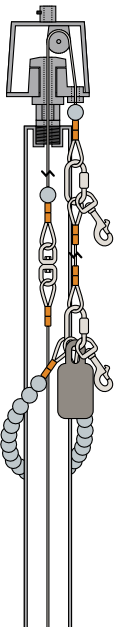
MODEL	EXPOSED HEIGHT	OVERALL LENGTH	# OF SECTIONS	BUTT DIA.	TOP DIA.	WALL	UNFLAGGED MAX. WIND SPEED	FLAGGED MAX. WIND SPEED	SUGGESTED FLAG SIZE	SHIPPING WEIGHT
ECH25IH	25'	27'	1	6"	3-1/2"	.250	255 MPH	150+ MPH	4' x 6'	243 lbs.
ECH30IH	30'	33'	2	6"	3-1/2"	.250	241 MPH	150+ MPH	5' x 8'	322 lbs.
ECH35IH	35'	38-1/2'	2	8"	3-1/2"	.250	255 MPH	150 MPH	6' x 10'	361 lbs.
ECH40IH	40'	44'	2	8"	3-1/2"	.250	231 MPH	150 MPH	8' x 12'	419 lbs.
ECH50IH	50'	55'	3	10"	4"	.312	230 MPH	150 MPH	10' x 15'	686 lbs.

M-Winch Detail

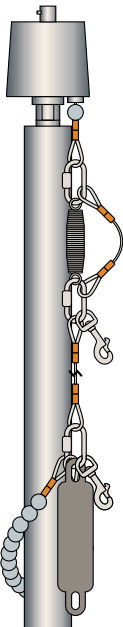


No welding required, thus no discoloration when anodized.
No monthly lubrication needed.

20' – 35' Poles



40' – 80' Poles



SATIN

MODEL	ITEM #	1-2	3-6	7+
ECH25IH	324137	\$6,670	\$6,450	\$6,230
ECH30IH	324138	8,320	8,000	7,680
ECH35IH	324139	9,090	8,690	8,370
ECH40IH	324140	10,370	9,950	9,550
ECH50IH	324141	16,980	16,270	15,630

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECH25IH	324142	\$7,350	\$7,070	\$6,770
ECH30IH	324143	9,190	8,840	8,480
ECH35IH	324144	10,250	9,830	9,430
ECH40IH	324145	11,730	11,260	10,820
ECH50IH	324146	19,050	18,260	17,550

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECH25IH	324147	\$7,560	\$7,290	\$6,950
ECH30IH	324148	9,350	8,950	8,630
ECH35IH	324149	10,520	10,130	9,690
ECH40IH	324150	12,060	11,550	11,130
ECH50IH	324151	19,540	18,780	17,990

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECH25IH	324152	\$7,800	\$7,520	\$7,190
ECH30IH	324153	9,660	9,280	8,890
ECH35IH	324154	10,950	10,530	10,130
ECH40IH	324155	12,570	12,080	11,540
ECH50IH	324156	20,230	19,450	18,670

VANGUARD SERIES

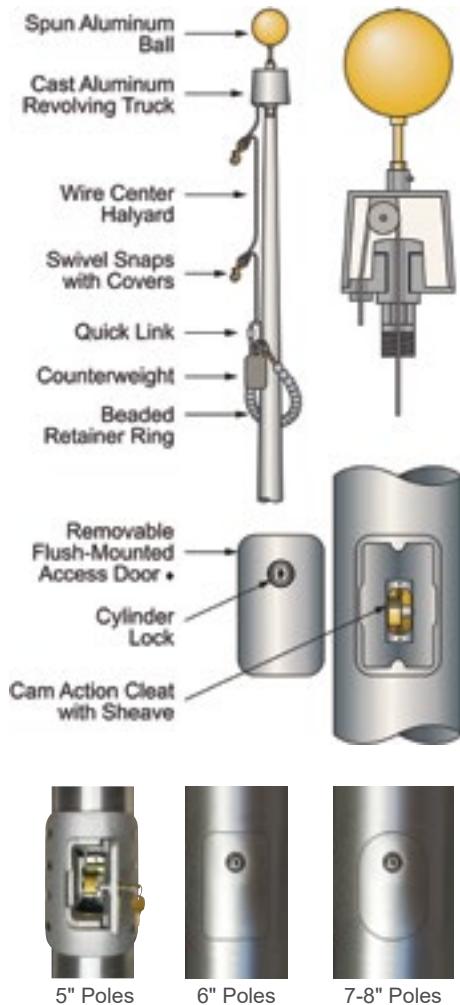
Internal Halyard Ground Set Cone Tapered Aluminum Flagpoles

The Vanguard series provides an intelligent, economical alternative to deluxe concealed halyard systems.

STANDARD ACCESSORIES

- Gold anodized aluminum ball ornament
- Cast aluminum revolving truck on all flagpole models
- Nylon wire center halyard
- Swivel flag snaps w/vinyl snap covers
- Retainer ring and counterweight
- Stainless steel quick link
- Cam action cleat (accessible behind a lockable access door)
- Spun aluminum flash collar
- Galvanized steel foundation sleeve

MODEL	EXPOSED HEIGHT	OVERALL LENGTH	# OF SECTIONS	BUTT DIA.	TOP DIA.	WALL	UNFLAGGED MAX. WIND SPEED	FLAGGED MAX. WIND SPEED	SUGGESTED FLAG SIZE	SHIPPING WEIGHT
ECXV20	20'	23'	1	5"	3"	.125	250 MPH	120+ MPH	3' x 5'	129 lbs.
ECV20	20'	23'	1	5"	3"	.188	315 MPH	120+ MPH	3' x 5'	142 lbs.
ECXV25	25'	27'	1	5"	3"	.125	144 MPH	104 MPH	4' x 6'	139 lbs.
ECXAV25	25'	27'	1	5"	3"	.156	192 MPH	117 MPH	4' x 6'	152 lbs.
ECV25	25'	27'	1	6"	3-1/2"	.188	222 MPH	120+ MPH	4' x 6'	197 lbs.
ECXAV30	30'	33'	1 or 2*	5"	3"	.156	119 MPH	91 MPH	5' x 8'	185 lbs.
ECLV30	30'	33'	1	5"	3"	.188	127 MPH	96 MPH	5' x 8'	185 lbs.
ECV30	30'	33'	1	6"	3-1/2"	.188	211 MPH	120+ MPH	5' x 8'	227 lbs.
ECXV35	35'	38-1/2'	1	6"	3-1/2"	.156	122 MPH	91 MPH	6' x 10'	247 lbs.
ECV35	35'	38-1/2'	1	7"	3-1/2"	.156	179 MPH	117 MPH	6' x 10'	261 lbs.
ECV35	35'	38-1/2'	1	7"	3-1/2"	.188	200 MPH	120 MPH	6' x 10'	281 lbs.
ECXV40	40'	44'	2**	7"	3-1/2"	.156	125 MPH	91 MPH	8' x 12'	294 lbs.
ECV40	40'	44'	2**	8"	3-1/2"	.188	195 MPH	120 MPH	8' x 12'	319 lbs.



* Flagpole models available in both one and two section styles; please specify when placing your order. Single section pole(s) will be shipped if not specified.
Add 10% to the pricing for two section style flagpoles.

** Flagpole models available in multi-piece pole(s) only.

SATIN

MODEL	ITEM #	1-2	3-6	7+
ECXV20	320409	\$2,470	\$2,260	\$2,190
ECV20	320410	2,960	2,830	2,670
ECXV25	320411	2,730	2,580	2,470
ECXAV25	320412	3,040	2,900	2,740
ECV25	320413	4,010	3,810	3,620
ECXAV30	320415	3,380	3,180	3,020
ECLV30	320888	3,540	3,380	3,240
ECV30	320416	3,910	3,690	3,520
ECV30	320417	4,130	3,960	3,730
ECXV35	320419	4,130	3,960	3,730
ECV35	320420	4,670	4,410	4,210
ECV35	320421	5,350	5,040	4,780
ECXV40	320422	5,760	5,510	5,170
ECV40	320424	7,100	6,680	6,370

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECXV20	320425	\$2,900	\$2,790	\$2,680
ECV20	320426	3,540	3,340	3,190
ECXV25	320427	3,240	3,090	2,910
ECXAV25	320428	3,660	3,520	3,320
ECV25	320429	4,600	4,360	4,120
ECXAV30	320431	4,030	3,800	3,630
ECLV30	320889	4,150	3,910	3,760
ECV30	320432	4,730	4,480	4,210
ECV30	320433	4,970	4,710	4,460
ECXV35	320435	5,040	4,790	4,570
ECV35	320436	5,640	5,370	5,030
ECV35	320437	6,320	5,960	5,660
ECXV40	320438	6,890	6,560	6,220
ECV40	320440	8,440	7,990	7,590

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECXV20	320441	\$3,010	\$2,880	\$2,720
ECV20	320442	3,630	3,430	3,220
ECXV25	320443	3,400	3,180	3,030
ECXAV25	320444	3,750	3,590	3,400
ECV25	320445	4,650	4,440	4,180
ECXAV30	320447	4,150	3,970	3,730
ECLV30	320890	4,220	4,040	3,900
ECV30	320448	4,770	4,530	4,310
ECV30	320449	5,040	4,790	4,570
ECXV35	320451	5,170	4,900	4,650
ECV35	320452	5,820	5,500	5,200
ECV35	320453	6,510	6,180	5,870
ECXV40	320454	7,090	6,720	6,380
ECV40	320456	8,600	8,190	7,720

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECXV20	320457	\$3,090	\$2,910	\$2,790
ECV20	320458	3,730	3,520	3,280
ECXV25	320459	3,540	3,350	3,100
ECXAV25	320460	3,910	3,700	3,530
ECV25	320461	4,850	4,600	4,350
ECXAV30	320463	4,310	4,080	3,870
ECLV30	320891	4,390	4,200	4,030
ECV30	320464	5,010	4,760	4,530
ECV30	320465	5,290	5,020	4,770
ECXV35	320467	5,460	5,150	4,870
ECV35	320468	6,070	5,760	5,480
ECV35	320469	6,770	6,460	6,070
ECXV40	320470	7,380	6,990	6,620
ECV40	320472	8,890	8,480	8,030

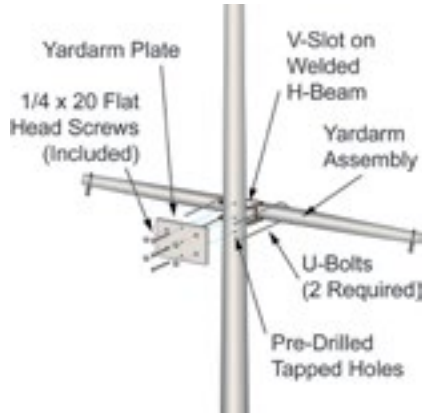
♦ 5" diameter poles supplied with a hinged access door and frame unit. 6" and larger diameter poles supplied with a removable flush-mounted access door for added strength.

SINGLE MAST NAUTICAL SERIES WITH YARDARM

External Halyard Ground Set Cone Tapered Aluminum Flagpoles



YARDARM ASSEMBLY DETAIL



STANDARD ACCESSORIES

- Gold anodized aluminum ball ornament
- Cast aluminum revolving truck w/pulley
- Aluminum yardarm with pulleys & mounting hardware
- 3 lengths of solid braided polyester halyard
- Swivel flag snaps w/vinyl snap covers
- 3 cast aluminum cleats with mounting screws
- Spun aluminum flash collar
- Galvanized steel foundation sleeve



MODEL	EXPOSED HEIGHT	OVERALL LENGTH	# OF SECTIONS	BUTT DIA.	TOP DIA.	WALL	YARDARM LENGTH [♦]	SHIPPING WEIGHT
ECXP20-Y	20'	23'	1	5"	3"	.125	6'	155 lbs.
ECP20-Y	20'	23'	1	5"	3"	.188	6'	173 lbs.
ECXP25-Y	25'	27'	1	5"	3"	.125	6-1/2'	167 lbs.
ECXAP25-Y	25'	27'	1	5"	3"	.156	6-1/2'	185 lbs.
ECP25-Y	25'	27'	1	6"	3-1/2"	.188	6-1/2'	233 lbs.
ECXP30-Y	30'	33'	1 or 2*	5"	3"	.125	8-1/2'	194 lbs.
ECXAP30-Y	30'	33'	1 or 2*	5"	3"	.156	8-1/2'	202 lbs.
ECAP30-Y	30'	33'	1 or 2*	6"	3-1/2"	.156	8-1/2'	254 lbs.
ECP30-Y	30'	33'	1 or 2*	6"	3-1/2"	.188	8-1/2'	257 lbs.
ECSAP35-Y	35'	38-1/2'	1	5"	3"	.188	9-1/2'	262 lbs.
ECXP35-Y	35'	38-1/2'	1 or 2*	6"	3-1/2"	.156	9-1/2'	280 lbs.
ECAP35-Y	35'	38-1/2'	1 or 2*	7"	3-1/2"	.156	9-1/2'	299 lbs.
ECP35-Y	35'	38-1/2'	1 or 2*	7"	3-1/2"	.188	9-1/2'	319 lbs.
ECXP40-Y	40'	44'	2**	7"	3-1/2"	.156	11'	324 lbs.
ECP40-Y	40'	44'	2**	8"	3-1/2"	.188	11'	361 lbs.
ECP45-Y	45'	49-1/2'	2**	8"	3-1/2"	.188	11'	413 lbs.

♦ Yardarm Center diameter is 3-1/2", End diameter is 2"

- * Flagpole models available in both one and two section styles; please specify when placing your order. Single section pole(s) will be shipped if not specified.
Add 10% to the pricing for two section style flagpoles.
- ** Flagpole models available in multi-piece pole(s) only.

SINGLE MAST NAUTICAL SERIES WITH YARDARM

External Halyard Ground Set Cone Tapered Aluminum Flagpoles

NOTE: All pole pricing below includes the yardarm. See [page 114](#) for pricing on yardarms only.**SATIN**

MODEL	ITEM #	1-2	3-6	7+
ECXP20-Y	320573	\$3,160	\$2,980	\$2,810
ECP20-Y	320574	3,740	3,550	3,370
ECXP25-Y	320575	3,360	3,160	2,950
ECXAP25-Y	320576	3,740	3,520	3,340
ECP25-Y	320577	4,420	4,210	3,960
ECXP30-Y	320578	3,680	3,530	3,310
ECXAP30-Y	320579	4,130	3,920	3,670
ECAP30-Y	320580	4,730	4,550	4,220
ECP30-Y	320581	4,850	4,620	4,310
ECSAP35-Y	320582	4,470	4,270	4,000
ECXP35-Y	320583	4,890	4,670	4,320
ECAP35-Y	320584	5,400	5,130	4,830
ECP35-Y	320585	6,000	5,710	5,400
ECXP40-Y	320586	6,670	6,370	6,000
ECP40-Y	320588	7,500	7,190	6,810
ECP45-Y	320589	8,230	7,840	7,410

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECXP20-Y	320598	\$3,920	\$3,710	\$3,540
ECP20-Y	320599	4,560	4,360	4,120
ECXP25-Y	320600	4,160	3,990	3,700
ECXAP25-Y	320601	4,500	4,320	4,070
ECP25-Y	320602	5,410	5,100	4,840
ECXP30-Y	320603	4,670	4,430	4,220
ECXAP30-Y	320604	5,060	4,810	4,500
ECAP30-Y	320605	5,800	5,550	5,210
ECP30-Y	320606	5,940	5,660	5,320
ECSAP35-Y	320607	5,590	5,290	4,970
ECXP35-Y	320608	6,110	5,760	5,480
ECAP35-Y	320609	6,720	6,350	5,950
ECP35-Y	320610	7,380	7,050	6,620
ECXP40-Y	320611	8,140	7,790	7,320
ECP40-Y	320613	9,210	8,760	8,250
ECP45-Y	320614	10,010	9,470	8,960

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECXP20-Y	320623	\$4,010	\$3,810	\$3,620
ECP20-Y	320624	4,660	4,440	4,190
ECXP25-Y	320625	4,280	4,110	3,830
ECXAP25-Y	320626	4,760	4,460	4,270
ECP25-Y	320627	5,510	5,300	4,970
ECXP30-Y	320628	4,810	4,620	4,310
ECXAP30-Y	320629	5,310	5,060	4,790
ECAP30-Y	320630	6,070	5,760	5,480
ECP30-Y	320631	6,210	5,880	5,570
ECSAP35-Y	320632	5,800	5,510	5,230
ECXP35-Y	320633	6,390	6,070	5,670
ECAP35-Y	320634	7,000	6,670	6,310
ECP35-Y	320635	7,720	7,320	6,910
ECXP40-Y	320636	8,580	8,160	7,710
ECP40-Y	320638	9,620	9,150	8,650
ECP45-Y	320639	10,450	9,900	9,380

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECXP20-Y	320648	\$4,210	\$4,010	\$3,750
ECP20-Y	320649	4,870	4,660	4,380
ECXP25-Y	320650	4,560	4,290	4,030
ECXAP25-Y	320651	4,920	4,670	4,380
ECP25-Y	320652	5,880	5,570	5,270
ECXP30-Y	320653	5,150	4,910	4,620
ECXAP30-Y	320654	5,550	5,270	4,950
ECAP30-Y	320655	6,350	6,040	5,660
ECP30-Y	320656	6,570	6,240	5,880
ECSAP35-Y	320657	6,110	5,790	5,490
ECXP35-Y	320658	6,720	6,410	5,960
ECAP35-Y	320659	7,340	7,000	6,620
ECP35-Y	320660	8,090	7,650	7,250
ECXP40-Y	320661	8,960	8,550	8,030
ECP40-Y	320663	10,140	9,620	9,120
ECP45-Y	320664	11,010	10,470	9,890

SINGLE MAST NAUTICAL SERIES WITH YARDARM & GAFF

External Halyard Ground Set Cone Tapered Aluminum Flagpoles



YARDARM & GAFF ASSEMBLY DETAIL



STANDARD ACCESSORIES

- Gold anodized aluminum ball ornament
- Cast aluminum revolving truck w/pulley
- Aluminum yardarm & gaff with pulleys & mounting hardware
- 4 lengths of solid braided polyester halyard
- Swivel flag snaps w/vinyl snap covers
- 4 cast aluminum cleats with mounting screws
- Spun aluminum flash collar
- Galvanized steel foundation sleeve



MODEL	EXP. HEIGHT	OVERALL LENGTH	# OF SECTIONS	BUTT DIA.	TOP DIA.	WALL	YARDARM LENGTH [♦]	GAFF [■] LENGTH	SHIPPING WEIGHT
ECXP20-YG	20'	23'	1	5"	3"	.125	6'	5'	185 lbs.
ECP20-YG	20'	23'	1	5"	3"	.188	6'	5'	203 lbs.
ECXP25-YG	25'	27'	1	5"	3"	.125	6-1/2'	5-1/2'	217 lbs.
ECXAP25-YG	25'	27'	1	5"	3"	.156	6-1/2'	5-1/2'	217 lbs.
ECP25-YG	25'	27'	1	6"	3-1/2"	.188	6-1/2'	5-1/2'	263 lbs.
ECXP30-YG	30'	33'	1 or 2*	5"	3"	.125	8-1/2'	6-1/2'	227 lbs.
ECXAP30-YG	30'	33'	1 or 2*	5"	3"	.156	8-1/2'	6-1/2'	235 lbs.
ECAP30-YG	30'	33'	1 or 2*	6"	3-1/2"	.156	8-1/2'	6-1/2'	279 lbs.
ECP30-YG	30'	33'	1 or 2*	6"	3-1/2"	.188	8-1/2'	6-1/2'	290 lbs.
ECSAP35-YG	35'	38-1/2'	1	5"	3"	.188	9-1/2'	7-1/2'	289 lbs.
ECXP35-YG	35'	38-1/2'	1 or 2*	6"	3-1/2"	.156	9-1/2'	7-1/2'	307 lbs.
ECAP35-YG	35'	38-1/2'	1 or 2*	7"	3-1/2"	.156	9-1/2'	7-1/2'	336 lbs.
ECP35-YG	35'	38-1/2'	1 or 2*	7"	3-1/2"	.188	9-1/2'	7-1/2'	356 lbs.
ECXP40-YG	40'	44'	2**	7"	3-1/2"	.156	11'	9'	366 lbs.
ECP40-YG	40'	44'	2**	8"	3-1/2"	.188	11'	9'	403 lbs.
ECP45-YG	45'	49-1/2'	2**	8"	3-1/2"	.188	11'	9'	455 lbs.

♦ Yardarm Center diameter is 3-1/2", End diameter is 2" | ■ Gaff Butt diameter is 3-1/2", Top diameter is 2"

- * Flagpole models available in both one and two section styles; please specify when placing your order. Single section pole(s) will be shipped if not specified.
Add 10% to the pricing for two section style flagpoles.
- ** Flagpole models available in multi-piece pole(s) only.

SINGLE MAST NAUTICAL SERIES WITH YARDARM & GAFF

External Halyard Ground Set Cone Tapered Aluminum Flagpoles

NOTE: All pole pricing below includes the yardarm & gaff. See [page 114](#) for pricing on yardarms & gaffs only.

SATIN

MODEL	ITEM #	1-2	3-6	7+
ECXP20-YG	320673	\$4,040	\$3,820	\$3,570
ECP20-YG	320674	4,660	4,420	4,140
ECXP25-YG	320675	4,270	4,040	3,760
ECXAP25-YG	320676	4,670	4,410	4,130
ECP25-YG	320677	5,380	5,130	4,850
ECXP30-YG	320678	4,720	4,500	4,190
ECXAP30-YG	320679	5,180	4,870	4,590
ECAP30-YG	320680	5,740	5,490	5,130
ECP30-YG	320681	5,840	5,580	5,220
ECSAP35-YG	320682	5,510	5,260	4,890
ECXP35-YG	320683	5,950	5,670	5,250
ECAP35-YG	320684	6,420	6,140	5,740
ECP35-YG	320685	7,110	6,760	6,310
ECXP40-YG	320686	7,770	7,420	6,990
ECP40-YG	320688	8,590	8,280	7,740
ECP45-YG	320689	9,320	8,890	8,370

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECXP20-YG	320698	\$5,020	\$4,790	\$4,500
ECP20-YG	320699	5,750	5,480	5,130
ECXP25-YG	320700	5,360	5,130	4,790
ECXAP25-YG	320701	5,730	5,500	5,130
ECP25-YG	320702	6,680	6,320	5,960
ECXP30-YG	320703	5,940	5,660	5,400
ECXAP30-YG	320704	6,380	6,040	5,670
ECAP30-YG	320705	7,130	6,760	6,380
ECP30-YG	320706	7,280	6,910	6,490
ECSAP35-YG	320707	6,940	6,570	6,210
ECXP35-YG	320708	7,440	7,080	6,680
ECAP35-YG	320709	8,070	7,640	7,250
ECP35-YG	320710	8,740	8,360	7,830
ECXP40-YG	320711	9,620	9,150	8,620
ECP40-YG	320713	10,680	10,130	9,560
ECP45-YG	320714	11,460	10,880	10,260

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECXP20-YG	320723	\$5,200	\$4,960	\$4,700
ECP20-YG	320724	5,890	5,610	5,300
ECXP25-YG	320725	5,590	5,310	5,000
ECXAP25-YG	320726	6,060	5,690	5,410
ECP25-YG	320727	6,870	6,570	6,150
ECXP30-YG	320728	6,150	5,900	5,570
ECXAP30-YG	320729	6,680	6,380	5,970
ECAP30-YG	320730	7,420	7,080	6,680
ECP30-YG	320731	7,550	7,180	6,770
ECSAP35-YG	320732	7,340	6,970	6,570
ECXP35-YG	320733	7,890	7,530	7,070
ECAP35-YG	320734	8,510	8,140	7,640
ECP35-YG	320735	9,280	8,780	8,280
ECXP40-YG	320736	10,290	9,800	9,210
ECP40-YG	320738	11,340	10,790	10,130
ECP45-YG	320739	12,180	11,520	10,890

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECXP20-YG	320748	\$5,490	\$5,200	\$4,910
ECP20-YG	320749	6,180	5,890	5,550
ECXP25-YG	320750	5,900	5,600	5,270
ECXAP25-YG	320751	6,260	5,930	5,610
ECP25-YG	320752	7,290	6,910	6,510
ECXP30-YG	320753	6,620	6,310	5,900
ECXAP30-YG	320754	7,000	6,620	6,250
ECAP30-YG	320755	7,800	7,420	6,970
ECP30-YG	320756	8,070	7,590	7,180
ECSAP35-YG	320757	7,770	7,420	6,960
ECXP35-YG	320758	8,390	8,020	7,520
ECAP35-YG	320759	9,040	8,620	8,130
ECP35-YG	320760	9,750	9,300	8,730
ECXP40-YG	320761	10,860	10,290	9,690
ECP40-YG	320763	11,990	11,380	10,770
ECP45-YG	320764	12,840	12,220	11,520

OUTDOOR FLAGPOLES | Nautical Yardarms & Gaffs

ALUMINUM YARDARMS

Cone Tapered For Single Mast Nautical Poles



Each yardarm is supplied with end pulleys, (2) lengths of solid braided polyester halyard with swivel flag snaps & snap covers, (2) 9" cast aluminum cleats with mounting screws plus all mounting hardware for a standard installation.

MODEL	FOR POLE HEIGHT	OVERALL LENGTH	CENTER DIA.	DIA. AT ENDS	SHIPPING WEIGHT
Y60	20'	6'	3-1/2"	2"	31 lbs.
Y65	25'	6-1/2'	3-1/2"	2"	33 lbs.
Y85	30'	8-1/2'	3-1/2"	2"	40 lbs.
Y95	35'	9-1/2'	3-1/2"	2"	43 lbs.
Y110	40'/45'	11'	3-1/2"	2"	52 lbs.

SATIN

MODEL	ITEM #	1-2	3-6	7+
Y60	320773	\$1,300	\$1,210	\$1,150
Y65	320774	1,360	1,300	1,190
Y85	320775	1,460	1,390	1,300
Y95	320776	1,470	1,430	1,330
Y110	320777	1,620	1,550	1,460

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
Y60	320782	\$1,580	\$1,490	\$1,420
Y65	320783	1,650	1,580	1,470
Y85	320784	1,840	1,700	1,620
Y95	320785	1,930	1,770	1,650
Y110	320786	2,070	1,980	1,880

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
Y60	320791	\$1,590	\$1,510	\$1,460
Y65	320792	1,700	1,640	1,550
Y85	320793	1,960	1,880	1,730
Y95	320794	2,060	1,960	1,840
Y110	320795	2,290	2,170	2,040

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
Y60	320800	\$1,670	\$1,620	\$1,510
Y65	320801	1,840	1,700	1,620
Y85	320802	2,060	1,960	1,840
Y95	320803	2,130	2,040	1,940
Y110	320804	2,400	2,290	2,150

ALUMINUM GAFFS

Cone Tapered For Single Mast Nautical Poles



Each gaff is supplied with an end pulley, (1) length of solid braided polyester halyard with swivel flag snaps & snap covers, (1) 9" cast aluminum cleat with mounting screws plus all mounting hardware for a standard installation.

MODEL	FOR POLE HEIGHT	OVERALL LENGTH	CENTER DIA.	DIA. AT ENDS	SHIPPING WEIGHT
G50	20'	5'	3-1/2"	2"	30 lbs.
G56	25'	5-1/2'	3-1/2"	2"	30 lbs.
G66	30'	6-1/2'	3-1/2"	2"	33 lbs.
G76	35'	7-1/2'	3-1/2"	2-3/8"	37 lbs.
G90	40'/45'	9'	3-1/2"	2-3/8"	42 lbs.

SATIN

MODEL	ITEM #	1-2	3-6	7+
G50	320809	\$850	\$820	\$790
G56	320810	910	850	800
G66	320811	980	920	850
G76	320812	1,030	990	910
G90	320813	1,090	1,030	920

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
G50	320818	\$1,120	\$1,050	\$950
G56	320819	1,190	1,160	1,080
G66	320820	1,270	1,200	1,160
G76	320821	1,330	1,300	1,200
G90	320822	1,420	1,330	1,260

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
G50	320827	\$1,180	\$1,140	\$1,050
G56	320828	1,270	1,200	1,160
G66	320829	1,330	1,270	1,200
G76	320830	1,500	1,460	1,350
G90	320831	1,640	1,560	1,460

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
G50	320836	\$1,230	\$1,180	\$1,120
G56	320837	1,330	1,270	1,200
G66	320838	1,430	1,350	1,270
G76	320839	1,650	1,580	1,470
G90	320840	1,770	1,660	1,580

VERTICAL WALL MOUNT SERIES

External Halyard Cone Tapered Aluminum Flagpoles



**BRACKETS FOR
2-3/8" THROUGH
5" POLES**

BRACKETS FOR 6" AND 6-1/2" POLES

**BRACKETS FOR
7" and 8" POLES**
Available upon request

Recommended
minimum spread
between brackets:
10% of the length of
the pole

STANDARD ACCESSORIES

- Gold anodized aluminum ball ornament
- Cast aluminum revolving truck on 5" & 6" diameter poles; all others have a stationary truck as standard
- Cast aluminum cleat with mounting screws
- Solid braided polyester halyard
- Swivel flag snaps with vinyl covers
- Cast aluminum mounting brackets
- If thru wall bolts are required, please advise length of bolt needed.

MODEL	OVERALL LENGTH	# OF SECTIONS	BUTT DIA.	TOP DIA.	WALL	REC. FLAG SIZE	SHIPPING WEIGHT
EVWM8	8'	1	2-3/8"	1-7/8"	.140	3' x 5'	31 lbs.
EVWM10	10'	1	2-3/8"	1-7/8"	.140	3' x 5'	35 lbs.
EVWM12	12'	1	2-3/8"	1-7/8"	.140	3' x 5'	38 lbs.
EVWS8	8'	1	3"	1-7/8"	.125	3' x 5'	31 lbs.
EVWS10	10'	1	3"	1-7/8"	.125	3' x 5'	34 lbs.
EVWS12	12'	1	3"	1-7/8"	.125	3' x 5'	38 lbs.
EVWS14	14'	1	3"	1-7/8"	.125	3' x 5'	42 lbs.
EVWS17	17'	1	3"	1-7/8"	.125	3' x 5'	48 lbs.
EVWS20	20'	1	3"	1-7/8"	.125	3' x 5'	53 lbs.
EVWS22	22'	1	3"	1-7/8"	.125	3' x 5'	57 lbs.
EVWS25	25'	1	3"	1-7/8"	.125	3' x 5'	63 lbs.
EVWS27	27'	1	3"	1-7/8"	.125	3' x 5'	67 lbs.
EVW12	12'	1	3-1/2"	2-3/8"	.125	3' x 5'	44 lbs.
EVW16	16'	1	3-1/2"	2-3/8"	.125	3' x 5'	52 lbs.
EVW20	20'	1	3-1/2"	2-3/8"	.125	3' x 5'	59 lbs.
EVW22	22'	1	3-1/2"	2-3/8"	.125	3' x 5'	66 lbs.
EVW25	25'	1	3-1/2"	2-3/8"	.125	4' x 6'	75 lbs.
EVW27	27'	1	3-1/2"	2-3/8"	.125	4' x 6'	77 lbs.
EVWAF16	16'	1	4"	2-3/8"	.125	3' x 5'	81 lbs.
EVWAF20	20'	1	4"	2-3/8"	.125	3' x 5'	94 lbs.
EVWAF22	22'	1	4"	2-3/8"	.125	3' x 5'	101 lbs.
EVWAF25	25'	1	4"	2-3/8"	.125	4' x 6'	110 lbs.
EVWAF27	27'	1	4"	2-3/8"	.125	4' x 6'	117 lbs.
EVWAF30	30'	1 or 2*	4"	2-3/8"	.125	5' x 8'	178 lbs.
LVW20	20'	1	5"	3"	.125	4' x 6'	97 lbs.
LVWC20	20'	1	5"	3"	.188	4' x 6'	99 lbs.
LVW23	23'	1	5"	3"	.125	4' x 6'	108 lbs.
LVWC23	23'	1	5"	3"	.188	4' x 6'	111 lbs.
LVW25	25'	1	5"	3"	.125	4' x 6'	115 lbs.
LVWA25	25'	1	5"	3"	.156	4' x 6'	131 lbs.
LVW27	27'	1	5"	3"	.125	4' x 6'	123 lbs.
LVWA27	27'	1	5"	3"	.156	4' x 6'	139 lbs.
LVW30	30'	1 or 2*	6"	3-1/2"	.156	5' x 8'	178 lbs.
LVWC30	30'	1 or 2*	6"	3-1/2"	.188	5' x 8'	230 lbs.
LVW33	33'	1 or 2*	6"	3-1/2"	.156	5' x 8'	192 lbs.
LVWC33	33'	1 or 2*	6"	3-1/2"	.188	5' x 8'	250 lbs.
LVW35	35'	1 or 2*	6"	3-1/2"	.156	6' x 10'	201 lbs.

* Flagpole models available in both one and two section styles; please specify when placing your order. Single section pole(s) will be shipped if not specified. **Add 10% to the pricing for two section style flagpoles.**

Illustration depicting
5-6" butt dia. poles

OUTDOOR FLAGPOLES | Vertical Wall Mount

VERTICAL WALL MOUNT SERIES

External Halyard Cone Tapered Aluminum Flagpoles

COMPLETE SETS INCLUDING BRACKETS

MODEL	SATIN				CLEAR ANODIZED				BRONZE ANODIZED				BLACK ANODIZED			
	ITEM #	1-2	3-6	7+	ITEM #	1-2	3-6	7+	ITEM #	1-2	3-6	7+	ITEM #	1-2	3-6	7+
EVWM8	322698	\$990	\$940	\$900	322739	\$1,260	\$1,190	\$1,140	322780	\$1,300	\$1,230	\$1,180	322821	\$1,320	\$1,260	\$1,190
EVWM10	322699	1,030	980	910	322740	1,300	1,230	1,180	322781	1,330	1,270	1,200	322822	1,350	1,300	1,220
EVWM12	322700	1,090	990	940	322741	1,330	1,270	1,200	322782	1,420	1,330	1,260	322823	1,430	1,350	1,270
EVWS8	322705	800	780	750	322746	1,000	930	860	322787	1,010	960	870	322828	1,050	1,000	920
EVWS10	322706	820	790	760	322747	1,050	1,000	910	322788	1,120	1,010	930	322829	1,140	1,050	1,000
EVWS12	322707	850	820	790	322748	1,140	1,050	960	322789	1,160	1,080	1,000	322830	1,180	1,120	1,050
EVWS14	322708	940	910	830	322749	1,180	1,120	1,050	322790	1,200	1,160	1,080	322831	1,230	1,180	1,120
EVWS17	322709	1,030	940	910	322750	1,260	1,190	1,140	322791	1,270	1,200	1,160	322832	1,320	1,260	1,190
EVWS20	322710	1,090	990	920	322751	1,300	1,230	1,180	322792	1,400	1,320	1,230	322833	1,420	1,330	1,260
EVWS22	322711	1,150	1,100	1,030	322752	1,350	1,270	1,220	322793	1,430	1,350	1,270	322834	1,470	1,400	1,320
EVWS25	322712	1,240	1,160	1,120	322753	1,470	1,400	1,300	322794	1,500	1,460	1,350	322835	1,550	1,470	1,350
EVWS27	322713	1,280	1,210	1,150	322754	1,500	1,460	1,330	322795	1,580	1,490	1,420	322836	1,590	1,500	1,430
EVW12	322714	1,640	1,590	1,480	322755	1,860	1,750	1,650	322796	2,130	2,040	1,950	322837	2,240	2,130	2,030
EVW16	322715	1,700	1,620	1,530	322756	1,950	1,860	1,700	322797	2,220	2,110	1,980	322838	2,340	2,220	2,110
EVW20	322716	1,750	1,630	1,550	322757	1,980	1,920	1,830	322798	2,260	2,150	2,040	322839	2,430	2,300	2,150
EVW22	322717	1,790	1,670	1,590	322758	2,040	1,950	1,860	322799	2,340	2,220	2,110	322840	2,520	2,360	2,230
EVW25	322718	1,840	1,720	1,630	322759	2,070	1,980	1,880	322800	2,390	2,240	2,130	322841	2,590	2,440	2,260
EVW27	322719	1,920	1,800	1,670	322760	2,120	2,030	1,930	322801	2,440	2,310	2,170	322842	2,690	2,530	2,340
EVWAF16	322720	2,020	1,940	1,840	322761	2,450	2,340	2,220	322802	2,570	2,430	2,260	322843	2,710	2,570	2,400
EVWAF20	322721	2,070	1,980	1,900	322762	2,530	2,390	2,240	322803	2,690	2,530	2,340	322844	2,750	2,630	2,520
EVWAF22	322722	2,090	1,990	1,920	322763	2,590	2,440	2,260	322804	2,720	2,590	2,440	322845	2,820	2,710	2,570
EVWAF25	322723	2,180	2,080	1,980	322764	2,900	2,760	2,630	322805	2,760	2,690	2,530	322846	2,890	2,730	2,610
EVWAF27	322724	2,210	2,110	2,000	322765	2,980	2,790	2,700	322806	2,820	2,720	2,590	322847	2,980	2,790	2,700
EVWAF30	322725	2,480	2,360	2,210	322766	3,090	2,940	2,780	322807	3,150	3,000	2,840	322848	3,190	3,080	2,900
LVW20	322726	2,490	2,360	2,200	322767	3,050	2,900	2,750	322808	3,350	3,150	2,990	322849	3,500	3,330	3,080
LVWC20	322727	2,950	2,830	2,710	322768	3,630	3,440	3,220	322809	3,920	3,700	3,530	322850	4,010	3,830	3,640
LVW23	322728	2,540	2,390	2,260	322769	3,090	2,980	2,790	322810	3,420	3,170	3,010	322851	3,530	3,380	3,160
LVWC23	322729	2,990	2,850	2,730	322770	3,690	3,530	3,320	322811	3,970	3,740	3,590	322852	4,030	3,750	3,620
LVW25	322730	2,580	2,470	2,300	322771	3,330	3,090	2,960	322812	3,520	3,370	3,140	322853	3,570	3,430	3,190
LVWA25	322731	2,930	2,770	2,650	322772	3,620	3,500	3,330	322813	3,700	3,530	3,370	322854	3,940	3,750	3,570
LVW27	322732	2,660	2,490	2,350	322773	3,350	3,150	2,990	322814	3,540	3,400	3,170	322855	3,600	3,480	3,240
LVWA27	322733	2,960	2,810	2,680	322774	3,700	3,530	3,350	322815	3,750	3,570	3,420	322856	4,010	3,820	3,600
LVW30	322734	3,740	3,530	3,370	322775	4,670	4,430	4,220	322816	4,770	4,500	4,310	322857	4,870	4,670	4,400
LVWC30	322735	4,000	3,810	3,560	322776	4,910	4,680	4,440	322817	4,970	4,760	4,490	322858	5,190	4,910	4,670
LVW33	322736	3,820	3,630	3,460	322777	4,730	4,460	4,270	322818	4,840	4,640	4,380	322859	4,960	4,750	4,460
LVWC33	322737	4,040	3,840	3,630	322778	4,970	4,760	4,490	322819	5,000	4,790	4,560	322860	5,270	4,960	4,710
LVW35	322738	3,830	3,640	3,470	322779	4,820	4,570	4,370	322820	4,950	4,730	4,430	322861	5,060	4,810	4,560

BRACKETS ONLY

Mounting Hardware Not Included & Priced Separately on [Page 144](#)

FOR POLE DIA.	MODEL	LBS	SATIN*				BRONZE				BLACK			
			ITEM #	1-2	3-6	7+	ITEM #	1-2	3-6	7+	ITEM #	1-2	3-6	7+
2-3/8"	EVWM/B	4.1	323026	\$260	\$250	\$210	323040	\$310	\$295	\$285	323047	\$310	\$295	\$285
3"	EVWS/B	7.7	323027	260	250	210	323041	310	295	285	323048	310	295	285
3-1/2"	EVW/B	6.9	323028	620	590	550	323042	660	640	620	323049	660	640	620
4"	EVWAF/B	20	323029	710	650	630	323043	800	780	750	323050	800	780	750
5"	LVW/B	14	323030	710	650	630	323044	800	780	750	323051	800	780	750
6"	LVW6/B	25	323031	1,080	1,010	950	323045	1,140	1,110	1,050	323052	1,140	1,110	1,050

*Satin brackets can be used with both Satin and Clear Anodized poles

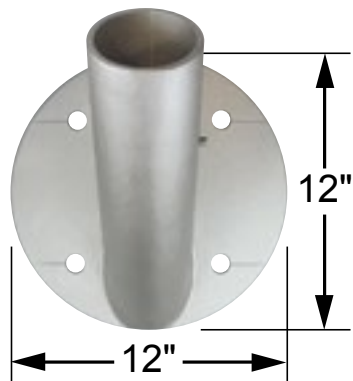
OUTRIGGER WALL MOUNT SERIES

External Halyard Aluminum Flagpoles

ECOST & ECOS

3" Diameter Poles Only

45° Angle Only



ECO

3-1/2" Diameter Poles Only

60° Angle Only



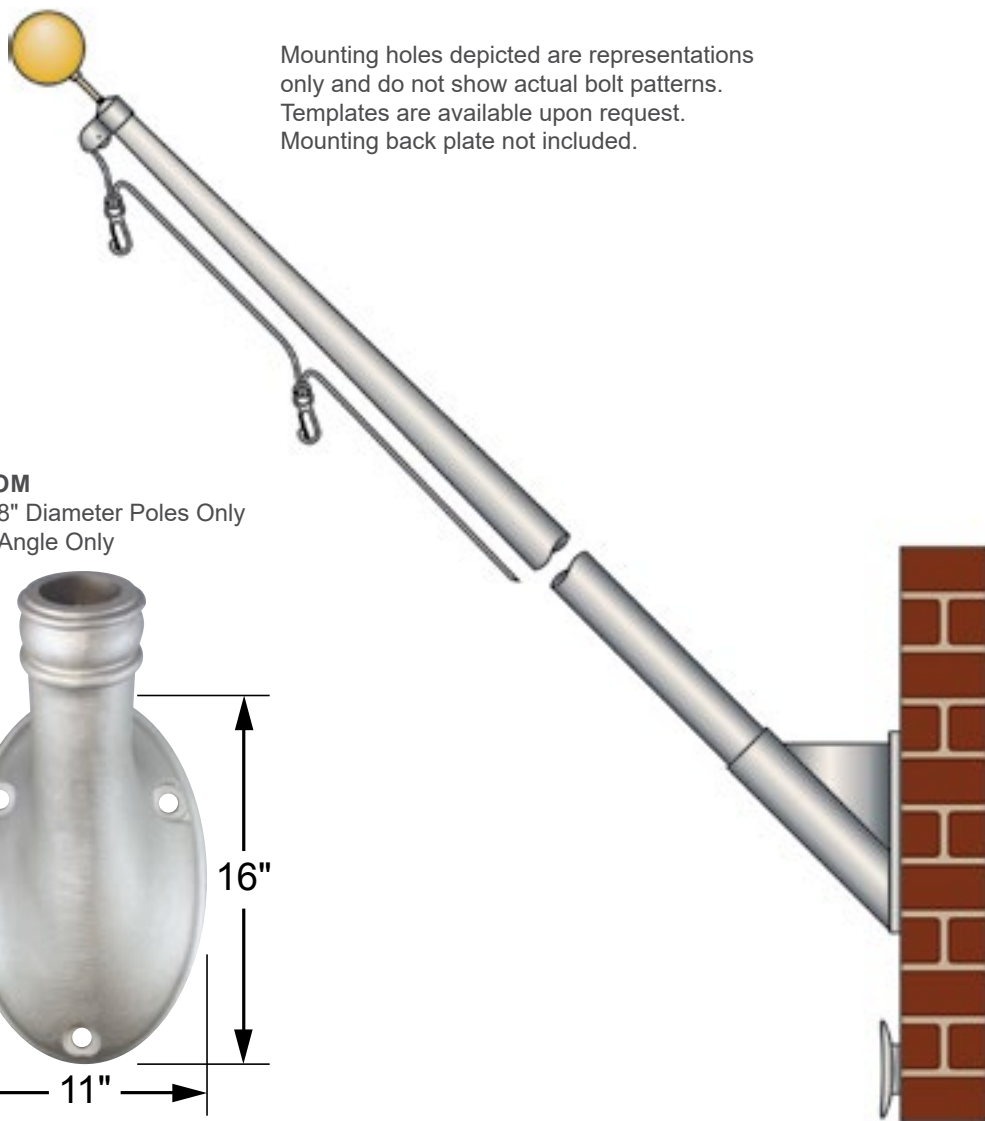
ECOM

2-3/8" Diameter Poles Only

45° Angle Only



Mounting holes depicted are representations only and do not show actual bolt patterns. Templates are available upon request. Mounting back plate not included.



All Models are Cone Tapered Except the ECOS Models which are Non-Tapering Poles

MODEL	OVERALL LENGTH	CONE TAPERED	NON-TAPERED	BUTT DIA.	TOP DIA.	WALL	SUGGESTED FLAG SIZE	SHIPPING WEIGHT
ECOM8	8'	•		2-3/8"	1-7/8"	.140	3' x 5'	51 lbs.
ECOM10	10'	•		2-3/8"	1-7/8"	.140	3' x 5'	58 lbs.
ECOM12	12'	•		2-3/8"	1-7/8"	.140	3' x 5'	58 lbs.
ECOST8	8'	•		3"	1-7/8"	.125	3' x 5'	36 lbs.
ECOST10	10'	•		3"	1-7/8"	.125	3' x 5'	39 lbs.
ECOS8	8'		•	3"	3"	.125	3' x 5'	35 lbs.
ECOS10	10'		•	3"	3"	.125	3' x 5'	38 lbs.
ECO8	8'	•		3-1/2"	2-3/8"	.125	3' x 5'	54 lbs.
ECO10	10'	•		3-1/2"	2-3/8"	.125	3' x 5'	58 lbs.
ECO12	12'	•		3-1/2"	2-3/8"	.125	3' x 5'	62 lbs.
ECO16	16'	•		3-1/2"	2-3/8"	.125	3' x 5'	71 lbs.

STANDARD ACCESSORIES

- Gold anodized aluminum ball ornament
- Cast aluminum stationary truck
- Solid braided polyester halyard
- Swivel flag snaps with vinyl covers
- Cast aluminum cleat with mounting screws
- Cast aluminum mounting brackets.
- If thru wall bolts are required, please advise length of bolt needed.

OUTRIGGER WALL MOUNT SERIES

External Halyard Aluminum Flagpoles

ECOM



Outrigger complete sets include bracket & mounting hardware.

SATIN COMPLETE SETS

MODEL	ITEM #	1-2	3-6	7+
ECOM8	323061	\$1,440	\$1,400	\$1,310
ECOM10	323062	1,470	1,430	1,310
ECOM12	323063	1,520	1,440	1,330
ECOST8	323066	830	800	780
ECOST10	323067	850	830	800
ECOS8	323068	820	790	750
ECOS10	323069	830	800	780
ECO8	324061	2,080	1,990	1,910
ECO10	324057	2,090	2,020	1,930
ECO12	323070	2,170	2,030	1,940
ECO16	323071	2,190	2,090	1,990

CLEAR ANODIZED COMPLETE SETS

MODEL	ITEM #	1-2	3-6	7+
ECOM8	323073	\$1,840	\$1,730	\$1,640
ECOM10	323074	1,860	1,750	1,650
ECOM12	323075	1,880	1,790	1,660
ECOST8	323078	1,110	1,060	1,010
ECOST10	323079	1,180	1,140	1,060
ECOS8	323080	950	910	860
ECOS10	323081	1,050	960	930
ECO8	324062	2,780	2,700	2,530
ECO10	324058	2,820	2,720	2,570
ECO12	323082	2,870	2,730	2,600
ECO16	323083	2,900	2,760	2,630

ECOST & ECOS



BRONZE ANODIZED COMPLETE SETS

MODEL	ITEM #	1-2	3-6	7+
ECOM8	323085	\$2,110	\$2,020	\$1,920
ECOM10	323086	2,130	2,040	1,940
ECOM12	323087	2,170	2,070	1,970
ECOST8	323090	1,140	1,080	1,010
ECOST10	323091	1,200	1,180	1,110
ECOS8	323092	1,010	950	870
ECOS10	323093	1,080	1,050	960
ECO8	324063	2,860	2,730	2,590
ECO10	324059	2,890	2,760	2,610
ECO12	323094	2,910	2,780	2,690
ECO16	323095	2,990	2,820	2,710

BLACK ANODIZED COMPLETE SETS

MODEL	ITEM #	1-2	3-6	7+
ECOM8	323097	\$2,120	\$2,030	\$1,940
ECOM10	323098	2,150	2,070	1,970
ECOM12	323099	2,220	2,120	2,020
ECOST8	323102	1,220	1,180	1,110
ECOST10	323103	1,230	1,200	1,180
ECOS8	323104	1,080	1,050	950
ECOS10	323105	1,140	1,080	1,010
ECO8	324064	2,910	2,780	2,630
ECO10	324060	2,960	2,820	2,700
ECO12	323106	2,980	2,820	2,690
ECO16	323107	3,000	2,860	2,710

ECO



Brackets only do not include mounting hardware. Mounting hardware priced separately on [Page 144](#)

SATIN* BRACKET ONLY

MODEL	ITEM #	1-2	3-6	7+
ECOM/B	323157	\$820	\$800	\$770
ECOST/B	323158	480	470	430
ECO/B	323159	1,640	1,550	1,470

*Satin brackets can be used with both
Satin and Clear Anodized poles

BRONZE BRACKET ONLY

MODEL	ITEM #	1-2	3-6	7+
ECOM/B	323163	\$1,120	\$1,050	\$1,000
ECOST/B	323164	550	540	510
ECO/B	323165	1,860	1,730	1,640

BLACK BRACKET ONLY

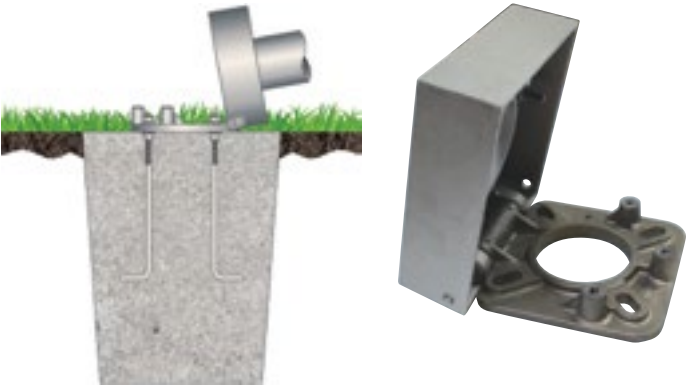
MODEL	ITEM #	1-2	3-6	7+
ECOM/B	323166	\$1,120	\$1,050	\$1,000
ECOST/B	323167	550	540	510
ECO/B	323168	1,860	1,730	1,640

BRACKETS ONLY SHIPPING WEIGHTS	MODEL	LBS.
	ECOM Bracket	26
	ECOST Bracket	8.4
	ECO Bracket	22

TILTING SHOE BASE FLAGPOLES

All of the cone tapered aluminum flagpoles on [pages 100 through 113](#) with a 3", 4", 5" or 6" butt diameter can be supplied with a tilting shoe base. The tilting base is circumferentially welded to the base eliminating the need for a flash collar. The hinged portion of the base is held in place by (3) stainless steel, Allen head bolts and pivots on a solid aluminum pivot rod. Anchor bolts are furnished for mounting to a concrete base. Not recommended for nautical poles.

- Maximum flagpole height for Tilting Shoe Base mount is 30' exposed
- Tilting Shoe Base is not available with the Hurricane Series Flagpoles
- Adding any Shoe Base mount will reduce the wind rating of the flagpole
- Shoe Base mounts are recommended for grade level mounting only



FOR TILTING SHOE BASE FLAGPOLES, ADD THE FOLLOWING PRICING TO ANY OF THE FLAGPOLES ON [PAGES 100–113](#).

ITEM#	BUTT DIA.	1-2	3-6	7+
323882	3"	\$800	\$780	\$710
323883	4"	970	910	880
323884	5"	990	960	890
323885	6"	990	960	890

SHOE BASE FLAGPOLES

All of the cone tapered aluminum flagpoles on [pages 100 through 113](#) can be supplied with a shoe base mounting. The aluminum base is circumferentially welded to the flagpole shaft. A spun aluminum flash collar is supplied as standard unless otherwise specified. Anchor bolts are furnished for mounting to a concrete base.

- Adding any Shoe Base mount will reduce the wind rating of the flagpole
- Shoe Base mounts are recommended for grade level mounting only



FOR SHOE BASE FLAGPOLES, ADD THE FOLLOWING PRICING TO ANY OF THE FLAGPOLES ON [PAGES 100–113](#).

ITEM#	BUTT DIA.	1-2	3-6	7+
323887	3"	\$490	\$480	\$460
323889	4"	530	510	490
323890	5"	600	550	540
323891	6"	620	600	560
323892	7"	630	620	600
323893	8"	670	660	630
—	10"*	Call for pricing.		
—	12"*	Call for pricing.		

*In addition to a shoe base, a mandrel is inserted into pole for added structural support.

Alternative bases on page 119 cannot be sold separately. Must be added at time of purchase of flagpole.

FRANKLIN SERIES

The Franklin series comes complete with 1-1/2" diameter clear anodized aluminum pole, 3" gold anodized aluminum ball ornament, cast aluminum single-sheave stationary truck, 50' of 1/4" solid braided polyester halyard, (2) nylon flag snaps per halyard, 9" cast aluminum cleat(s) with mounting screws and cast or fabricated aluminum mounting bracket(s). Mounting hardware not included.



OUTRIGGER SETS

With Bracket

MODEL	ITEM #	LEN.	1-2	3-6	7+	LBS.
EOA6	323403	6'	\$560	\$540	\$500	14
EOA9	323404	9'	620	610	570	17
EOA10	323405	10'	630	620	610	18



OUTRIGGER BRACKET

Displays Pole at 30° Angle
Mounting Hardware Not Included

MODEL	ITEM #	1-2	3-6	7+	LBS.
EOA	323422	\$195	\$193	\$191	3.4



VERTICAL WALL SETS

With Brackets

MODEL	ITEM #	LEN.	1-2	3-6	7+	LBS.
EVWA6	323415	6'	\$530	\$500	\$460	13
EVWA9	323416	9'	580	570	560	16
EVWA10	323417	10'	620	610	570	17
EVWA12	323418	12'	630	620	580	19



VERTICAL WALL BRACKETS

Mounting Hardware Not Included
Priced Per Set of Top & Bottom Bracket

MODEL	ITEM #	1-2	3-6	7+	LBS.
EVWA	323426	\$188	\$176	\$163	2.2

CLEAR ANODIZED POLES ONLY

ITEM #	DIAMETER	LENGTH	WALL	PRICE	LBS.
310039	1-1/2"	72"	.125	\$85	3.7
323739	1-1/2"	96"	.125	123	4.6
323427	1-1/2"	108"	.125	133	5.6
323428	1-1/2"	120"	.125	149	6.2
323429	1-1/2"	144"	.125	180	7.4

ALUMINUM BALL ORNAMENTS



Gold



Clear



Satin

MODEL	DIA.	SPINDLE THREADING	LBS.	GOLD ANODIZED			CLEAR ANODIZED			SATIN		
				ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
SB102	2"	1/2"-13NC	.16	330089	\$26	\$21	—	—	—	—	—	—
SB103	3"	1/2"-13NC	.30	330000	38	34	330007	\$49	\$48	330082	\$47	\$45
SB104	4"	1/2"-13NC	.45	330001	48	46	330008	64	59	330083	57	54
SB105	5"	1/2"-13NC	.60	330002	56	51	330009	74	68	330084	61	57
SB106	6"	1/2"-13NC	.80	330003	70	62	330010	104	93	330085	82	73
SB108	8"	1/2"-13NC	1.4	330004	126	116	330011	159	144	330086	130	123
SB110	10"	5/8"-11NC	2.2	330005	238	213	330012	245	228	330087	227	218
SB112	12"	5/8"-11NC	3.1	330006	303	278	330013	308	278	330088	268	264

MODEL	DIA.	SPINDLE THREADING	LBS.	BRONZE #313			BLACK			WHITE		
				ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
SB103	3"	1/2"-13NC	.30	330014	\$51	\$49	330021	\$51	\$49	330028	\$51	\$49
SB104	4"	1/2"-13NC	.45	330015	65	59	330022	65	59	330029	65	59
SB105	5"	1/2"-13NC	.60	330016	76	73	330023	76	73	330030	76	73
SB106	6"	1/2"-13NC	.80	330017	104	93	330024	104	93	330031	104	93
SB108	8"	1/2"-13NC	1.4	330018	162	146	330025	162	146	330032	162	146
SB110	10"	5/8"-11NC	2.2	330019	294	267	330026	294	267	330033	294	267
SB112	12"	5/8"-11NC	3.1	330020	363	329	330027	363	329	330034	363	329



Satin



Mirror

STAINLESS STEEL BALL ORNAMENTS

MODEL	DIA.	SPINDLE THREADING	LBS.	SATIN FINISH			MIRROR FINISH		
				ITEM #	1-5	6+	ITEM #	1-5	6+
SS104	4"	1/2"-13NC	1.5	330035	\$296	\$270	330041	\$376	\$338
SS105	5"	1/2"-13NC	2.0	330036	364	331	330042	446	399
SS106	6"	1/2"-13NC	2.5	330037	376	341	330043	477	420
SS108	8"	1/2"-13NC	4.1	330038	473	428	330044	571	518
SS110	10"	5/8"-11NC	6.1	330039	656	591	330045	802	720
SS112	12"	5/8"-11NC	7.8	330040	805	729	330046	940	860



GOLD LEAF COPPER
BALL ORNAMENTS

MODEL	ITEM #	DIA.	SPINDLE THREADING	1-5	6+	LBS.
GL104	330047	4"	1/2"-13NC	\$383	\$345	1.5
GL105	330048	5"	1/2"-13NC	450	427	2.0
GL106	330049	6"	1/2"-13NC	550	526	2.6
GL108	330050	8"	5/8"-11NC	1,005	958	4.2
GL110	330051	10"	5/8"-11NC	1,495	1,431	7.7
GL112	330052	12"	5/8"-11NC	2,201	2,093	8.1



COPPER BALL
ORNAMENTS

MODEL	ITEM #	DIA.	SPINDLE THREADING	1-5	6+	LBS.
CB104	330091	4"	1/2"-13NC	\$242	\$230	1.5
CB105	330092	5"	1/2"-13NC	303	288	2.0
CB106	330093	6"	1/2"-13NC	362	345	2.5
CB108	330094	8"	5/8"-11NC	477	456	4.1
CB110	330095	10"	5/8"-11NC	702	668	4.9
CB112	330096	12"	5/8"-11NC	1,183	1,124	6.5

If medium bronze #312, light bronze #311 or a custom color is desired please specify when ordering.

ALUMINUM FLYING EAGLES



E-11 Gold



E-16 Gold



E-24 Gold

MODEL	WING SPAN	HEIGHT	SPINDLE THREADING	LBS.	GOLD		
					ITEM #	1-5	6+
E-11	11-1/4"	12"	1/2"-13NC	2.7	330055	\$173	\$164
E-16	15"	18"	1/2"-13NC	5.4	330056	218	204
E-24	24"	10"	1/2"-13NC	6.4	330057	381	347

GOLD ANODIZED ALUMINUM GLOBE
FOR E-16 EAGLE

Slips Over The Spindle of the E-16 Eagle



ITEM #	DIAMETER	PRICE	LBS.
330090	3"	\$27.80	.07

METAL EAGLE ORNAMENTS

Gold Powder Coated Painted Finish



MODEL	ITEM #	WING SPAN	HT.	SPINDLE THREADING	PRICE	LBS.
E-8PC	050538	8-1/4"	7"	1/2"-13NC	\$62.00	1.4
E-9PC	330098	9-1/4"	7-1/4"	1/2"-13NC	107.00	2.0
E-12PC	330097	12"	8-1/2"	1/2"-13NC	112.00	3.3



PLAIN ALUMINUM CROSSES

Painted Gold

MODEL	ITEM #	CROSS HT.	CROSS WIDTH	SPINDLE THREADING	1-5	6+	LBS.
PC8	330078	8-1/2"	4-1/4"	1/2"-13NC	\$159	\$146	1.3
PC12	330079	13"	6-3/4"	1/2"-13NC	220	204	1.7



ALUMINUM BOTONÉE CROSSES

Painted Gold

MODEL	ITEM #	CROSS HT.	CROSS WIDTH	SPINDLE THREADING	1-5	6+	LBS.
BC12	330081	12"	12"	5/8"-11NC	\$264	\$237	6.8



For External Halyard Poles • Cap Style • Stationary • Single Pulley

ST-1 SERIES

- **Construction:** cast aluminum
- **Pulley:** 1" outside diameter cast nylon on 3/16" stainless steel axle
- **Max halyard diameter:** 1/4"

- **Truck:** secured by 1 stainless steel set screw (size 1/4"-20NC)
- **Ornaments*:** accepts spindle threading of 1/2"-13NC. Secured by 1 stainless steel pan head screw (size 10-32)

MODEL	FITS POLE DIAMETER	LBS.	SILVER			BRONZE #313			WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
ST-1-38	1-3/8"	1.0	340000	\$43.50	\$40.00	340005	\$49.50	\$44.50	340010	\$49.50	\$44.50	340015	\$49.50	\$44.50
ST-1-12	1-1/2"	1.0	340001	43.50	40.00	340006	49.50	44.50	340011	49.50	44.50	340016	49.50	44.50
ST-1-34	1-3/4"	.90	340002	43.50	40.00	340007	49.50	44.50	340012	49.50	44.50	340017	49.50	44.50
ST-1-16	1-15/16"	.80	340003	43.50	40.00	340008	49.50	44.50	340013	49.50	44.50	340018	49.50	44.50
ST-1-20	2"	.80	340004	43.50	40.00	340009	49.50	44.50	340014	49.50	44.50	340019	49.50	44.50



For External Halyard Poles • Cap Style • Stationary • Double Pulley

ST-32 SERIES

- **Construction:** cast aluminum
- **Pulleys:** 1-1/2" outside diameter cast nylon on 1/4" stainless steel axles
- **Max halyard diameter:** 5/16"

- **Truck:** secured by 3 stainless steel set screws (size 5/16"-18NC)
- **Ornaments*:** accepts spindle threading of 1/2"-13NC. Secured by 1 stainless steel set screw (1/4"-20NC)

MODEL	FITS POLE DIAMETER	LBS.	SILVER			BRONZE #313			WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
ST-3	1-7/8"	1.9	340040	\$88	\$80	340042	\$94	\$88	340044	\$94	\$88	340046	\$94	\$88
ST-2	2-3/8"	1.7	340041	88	80	340043	94	88	340045	94	88	340047	94	88



For External Halyard Poles • Cap Style • Stationary • Single Pulley

OT SERIES

- **Construction:** cast aluminum
- **Pulley:** cast nylon on 1/4" stainless steel axle (1-1/2" outside diameter on OTH, OT1, OT25, OT35; 2" on OT2, OT3, OT325)
- **Max halyard diameter:** 5/16"

- **Truck:** secured by stainless steel set screws (one 1/4"-20NC on OTH; three 5/16"-18NC on OT1, OT2, OT25, OT3, OT325, OT35)
- **Ornaments*:** accepts spindle threading of 1/2"-13NC. Secured by 1 stainless steel pan head screw (size 10-32)

MODEL	FITS POLE DIAMETER	LBS.	SILVER			BRONZE #313			WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
OT178	1-7/8"	.60	340364	\$40.00	\$37.50	340365	\$44.50	\$41.00	340366	\$44.50	\$41.00	340367	\$44.50	\$41.00
OTH	2"	.55	340056	40.00	37.50	340062	44.50	41.00	340068	44.50	41.00	340074	44.50	41.00
OT1	2-3/8"	.95	340057	55.50	44.50	340063	60.00	56.00	340069	60.00	56.00	340075	60.00	56.00
OT25	2-1/2"	.95	340058	57.50	49.50	340064	67.00	58.00	340070	67.00	58.00	340076	67.00	58.00
OT2	2-3/4"	1.5	340059	61.50	54.50	340065	70.00	60.00	340071	70.00	60.00	340077	70.00	60.00
OT3	3"	1.3	340060	68.50	57.50	340066	75.00	67.00	340072	75.00	67.00	340078	75.00	67.00
OT325	3-1/4"	1.2	340343	70.00	59.00	340344	78.00	75.00	340345	78.00	75.00	340346	78.00	75.00
OT35	3-1/2"	1.8	340061	74.50	69.50	340067	80.00	76.00	340073	80.00	76.00	340079	80.00	76.00



For External Halyard Poles • Cap Style • Revolving • Single Pulley

RTC-1 SERIES

- **Construction:** cast aluminum
- **Pulley:** 1-1/2" outside diameter cast nylon on 1/4" stainless steel axle
- **Max halyard diameter:** 5/16"
- **Truck:** secured by 3 stainless steel set screws (1/4"-20NC on RTC-1-2, RTC-1-138; 5/16"-18NC on RTC-1-238)

- **Ornaments*:** accepts spindle threading of 1/2"-13NC. Secured by 1 stainless steel set screw (1/4"-20NC)
- **Movement:** utilizes self-lubricating ball bearing assemblies for ease of rotation, product life and strength

MODEL	FITS POLE DIAMETER	LBS.	SILVER			BRONZE #313			WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
RTC-1-138	1-3/8"	1.8	340351	\$150	\$134	340308	\$167	\$149	340309	\$167	\$149	340352	\$167	\$149
RTC-1-2	2"	1.6	340104	150	134	340106	167	149	340108	167	149	340110	167	149
RTC-1-238	2-3/8"	1.9	340105	150	134	340107	167	149	340109	167	149	340111	167	149

* Truck Ornament Spindle can be supplied with other threading sizes if desired

If medium bronze #312, light bronze #311 or a custom color is desired please specify when ordering.



RTC-2 SERIES

Same description as our RTC-1 Series on [page 123](#), except:

- Pulleys: 1-15/16" outside diameter cast nylon on 1/4" stainless steel axles

For External Halyard Poles • Cap Style • Revolving • Double Pulley

MODEL	FITS POLE DIAMETER	LBS.	SILVER			BRONZE #313			WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
RTC-2-138	1-3/8"	2.5	340353	\$150	\$134	340310	\$167	\$149	340311	\$167	\$149	340354	\$167	\$149
RTC-2-2	2"	2.3	340120	150	134	340122	167	149	340124	167	149	340126	167	149
RTC-2-238	2-3/8"	2.6	340121	150	134	340123	167	149	340125	167	149	340127	167	149



For External Halyard Poles • Threaded • Revolving • Single Pulley

MODEL	FITS POLE DIAMETER	LBS.	SILVER			BRONZE #313			WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
RTS-1-125	3-1/2"	1.9	340136	\$123	\$111	340137	\$134	\$123	340138	\$134	\$123	340139	\$134	\$123

RTS-1 SERIES

- **Construction:** cast aluminum
- **Pulley:** 1-1/2" outside diameter cast nylon on 1/4" stainless steel axle
- **Max halyard diameter:** 5/16"
- **Truck Spindle:** 1-1/4" NPT threading
- **Flagpole:** For up to 3-1/2" outside top diameter pole w/ female fitting installed
- **Ornaments*:** accepts spindle threading of 1/2"-13NC. Secured by 1 stainless steel set screw (1/4"-20NC)
- **Movement:** utilizes self-lubricating ball bearing assemblies for ease of rotation, product life and strength



For External Halyard Poles • Threaded • Revolving • Single Pulley

MODEL	FITS POLE DIAMETER	LBS.	SILVER			BRONZE #313			WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
RTA-1-125	3-1/2"	2.0	340360	\$138	\$126	340361	\$148	\$138	340362	\$148	\$138	340363	\$148	\$138

RTA-1 SERIES

- **Construction:** cast aluminum
- **Pulley:** 1-1/2" outside diameter machined aluminum on 1/4" stainless steel axle
- **Max halyard diameter:** 5/16"
- **Truck Spindle:** 1-1/4" NPT threading
- **Flagpole:** For up to 3-1/2" outside top diameter pole w/ female fitting installed
- **Ornaments*:** accepts spindle threading of 1/2"-13NC. Secured by 1 stainless steel set screw (1/4"-20NC)
- **Movement:** utilizes self-lubricating ball bearing assemblies for ease of rotation, product life and strength



RTS-2 SERIES

Same description as our RTS-1 Series above, except:

- Pulleys: 1-15/16" outside diameter cast nylon on 1/4" stainless steel axles

For External Halyard Poles • Threaded • Revolving • Double Pulley

MODEL	FITS POLE DIAMETER	LBS.	SILVER			BRONZE #313			WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
RTS-2-125	3-1/2"	2.6	340144	\$134	\$123	340145	\$140	\$128	340146	\$140	\$128	340147	\$140	\$128



For External Halyard Poles • Threaded • Revolving • Single Pulley

MODEL	FITS POLE DIAMETER	LBS.	SILVER			BRONZE #313			WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
HDT-1	6"	4.8	340335	\$284	\$258	340336	\$308	\$278	340337	\$308	\$278	340338	\$308	\$278

HDT-1 SERIES

- **Construction:** cast aluminum
- **Pulley:** 2-1/2" outside diameter cast aluminum on 1/2" stainless steel axle
- **Max halyard diameter:** 3/8"
- **Truck Spindle:** 1-1/4" NPT threading
- **Flagpole:** up to 6" outside top diameter pole w/ female fitting installed
- **Ornaments*:** accepts spindle threading of 1/2"-13NC. Secured by 1 stainless steel set screw (1/4"-20NC)
- **Movement:** utilizes enclosed stainless steel bearings and raceway

* Truck Ornament Spindle can be supplied with other threading sizes if desired

If medium bronze #312, light bronze #311 or a custom color is desired please specify when ordering.



For External Halyard Poles • Threaded • Revolving • Double Pulley

MODEL	FITS POLE DIAMETER	LBS.	SILVER			BRONZE #313			WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
HDT-2	5-1/2"	5.1	340152	\$324	\$294	340153	\$350	\$317	340154	\$350	\$317	340155	\$350	\$317

HDT-2 SERIES

Same description as our HDT-1 Series on [page 124](#), except:

- **Pulleys:** 3-3/4" outside diameter cast aluminum on 1/2" stainless steel axles



For External Halyard Poles • Threaded • Revolving • Double Pulley

MODEL	SPINDLE MATERIAL	LBS.	SILVER			BRONZE #313			WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
XHDT	ALUMINUM	9.7	340160	\$1,195	\$1,075	340162	\$1,265	\$1,140	340164	\$1,265	\$1,140	340166	\$1,265	\$1,140
XHDT-SS	STAINLESS STEEL	12	340161	2,300	2,060	340163	2,340	2,095	340165	2,340	2,095	340167	2,340	2,095

EXTRA HEAVY-DUTY SERIES

- **Construction:** cast aluminum
- **Pulleys:** 3-7/8" outside diameter cast aluminum on 1/2" stainless steel axles
- **Max Halyard Diameter:** 3/8"
- **Truck Spindle:** 1-1/4" NPT threading
- **Flagpole:** For up to 12-3/4" outside top diameter pole w/ female fitting installed
- **Ornaments*:** accepts spindle threading of 1/2"-13NC. Secured by 1 stainless steel set screw (1/4"-20NC)
- **Movement:** utilizes stainless steel sealed lubricant ball bearing assemblies for ease of rotation, product life and strength



For Rope Style Internal Halyard Poles
Cap Style • Stationary • Single Pulley

MODEL	FITS POLE DIAMETER	LBS.	SILVER			BRONZE #313			WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
IH-1-3	3"	1.6	340178	\$102	\$93	340180	\$115	\$102	340182	\$115	\$102	340184	\$115	\$102
IH-1-35	3-1/2"	2.3	340179	135	125	340181	157	138	340183	157	138	340185	157	138

IH-1 SERIES

- **Construction:** cast aluminum
- **Internal Pulley:** 1-1/2" outside diameter cast nylon on 1/4" stainless steel axle. Pulley assembly affixed to inside of truck by 5/16"-18NC stainless steel set screw
- **External pulley:** cast nylon on 1/4" stainless steel axle (2" outside diameter on IH-1-3; 1-1/2" on IH-1-35)
- **Max halyard diameter:** 5/16"
- **Truck:** secured by 3 stainless steel set screws (size 5/16"-18NC)
- **Ornaments*:** accepts spindle threading of 1/2"-13NC. Secured by 1 stainless steel pan head screw (size 10-32)



For Cable Style Internal Halyard Poles
Threaded • Revolving • Single Pulley

MODEL	TRUCK BASE DIA.	TRUCK HT.	MAX. POLE TOP DIA.	LBS.	SILVER			BRONZE #313			WHITE			BLACK		
					ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
IHT-VR	5"	4-1/2"	3"	4.3	340194	\$357	\$325	340198	\$393	\$357	340206	\$393	\$357	340202	\$393	\$357
IHT-1	6-1/2"	6-1/2"	4"	6.4	340195	536	480	340199	582	525	340207	582	525	340203	582	525
IHT-2	7-1/2"	7-1/4"	5"	8.7	340196	646	581	340200	703	631	340208	703	631	340204	703	631
IHT-3	10-1/2"	8-1/2"	7-1/2"	13.6	340197	1,327	1,193	340201	1,471	1,321	340209	1,471	1,321	340205	1,471	1,321

IH-2 SERIES

- **Construction:** cast aluminum
- **Cable Bushing:** IHT-3 has a bronze fitting; all other sizes supplied with a stainless steel bushing at the cable exit point
- **Truck Spindle:** 1-1/4" NPT threading
- **Ornaments*:** accepts spindle threading of 1/2"-13NC. Secured by 1 stainless steel set screw (1/4"-20NC)
- **Movement:** IHT-3 utilizes stainless steel sealed lubricant bearing assemblies; all other sizes utilize enclosed stainless steel bearings and raceway.

* Truck Ornament Spindle can be supplied with other threading sizes if desired

If medium bronze #312, light bronze #311 or a custom color is desired please specify when ordering.



Recommended:
 Thread halyard to
 inside of halyard pin
 stop as shown.



For Rope Style Internal Halyard Poles • Threaded •
 Stationary • Single Pulley

IHT-VS SERIES

- **Construction:** cast aluminum
- **Internal Pulley:** 2" outside diameter cast nylon on 1/4" stainless steel axle. Pulley assembly affixed to inside of truck
- **Max halyard diameter:** 5/16"
- **Truck Spindle:** 1-1/4" NPT threading
- **Flagpole:** For up to 3-1/2" outside top diameter pole w/ female fitting installed
- **Ornaments*:** accepts spindle threading of 1/2"-13NC. Secured by 1 stainless steel set screw (1/4"-20NC)

MODEL	FITS POLE DIAMETER	LBS.	SILVER			BRONZE #313			WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
IHT-VS	3-1/2"	2.4	340312	\$140	\$128	340313	\$158	\$140	340314	\$158	\$140	340315	\$158	\$140



For External Halyard Poles • Threaded • Revolving • Double Pulley

150 SERIES

- **Construction:** cast aluminum
- **Pulleys:** 1-15/16" outside diameter cast nylon on 3/8" stainless steel axles
- **Max halyard diameter:** 5/16"
- **Truck Spindle:** 1-1/2" NPT threading
- **Flagpole:** For up to 4" outside top diameter pole w/ female fitting installed
- **Ornaments*:** accepts spindle threading of 1/2"-13NC. Secured by 1 stainless steel set screw (1/4"-20NC)
- **Movement:** utilizes 26 stainless steel ball bearings on cast races for rotation

MODEL	FITS POLE DIAMETER	LBS.	SILVER			BRONZE #313			WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
RTS-2-150	4"	2.6	340170	\$226	\$204	340171	\$256	\$226	340172	\$256	\$226	340173	\$256	\$226



For External Halyard Poles • Slip Fit • Stationary • Double Pulley

COLOR	ITEM #	FITS POLE DIA.	1-5	6+	LBS.
WHITE	340228	3" OUTSIDE DIA.	\$174	\$157	2.5

FIBERGLASS-2 SERIES

- **Construction:** molded fiberglass
- **Pulleys:** 1-1/2" outside diameter cast nylon on 1/4" stainless steel axles
- **Max halyard diameter:** 5/16"
- **Truck Stem:** designed to slip into a 3" outside diameter pole top. The truck is held in place by drilling thru the pole and securing the truck to the pole with screws and locktite (included)
- **Ornaments:** accepts spindle threading of 1/2"-13NC.



For Internal Halyard Poles • Slip Fit • Stationary • Single Pulley

COLOR	ITEM #	FITS POLE DIA.	1-5	6+	LBS.
WHITE	340232	3" OUTSIDE DIA.	\$174	\$157	2.8

FIBERGLASS-IH SERIES

- **Construction:** molded fiberglass
- **Pulley:** 1-1/2" outside diameter cast nylon on a 1/4" stainless steel axle
- **Max halyard diameter:** 5/16"
- **Truck Stem:** designed to slip into a 3" outside diameter pole top. The truck is held in place by drilling thru the pole and securing the truck to the pole with screws and locktite (included)
- **Ornaments:** accepts spindle threading of 1/2"-13NC.

* Truck Ornament Spindle can be supplied with other threading sizes if desired

If medium bronze #312, light bronze #311 or a custom color is desired please specify when ordering.



POLE TOP ADAPTERS

These adapters are used when mounting a truck that has a spindle threading of 1-1/4" NPT and the pole does not have a threaded top plug installed. The adapter is tapped 1-1/4" NPT and is designed to slip over the top of the pole and is secured by three 1/4"-20NC stainless steel set screws. Please specify color when ordering. If not specified, silver will be supplied.

MODEL	FITS POLE DIAMETER	LBS.	SILVER			BRONZE #313			WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
PTA-238	2-3/8"	.65	340238	\$86	\$80	340247	\$96	\$86	340256	\$96	\$86	340265	\$96	\$86
PTA-212	2-1/2"	.68	340239	86	80	340248	96	86	340257	96	86	340266	96	86
PTA-3	3"	1.0	340240	120	110	340249	130	119	340258	130	119	340267	130	119
PTA-312	3-1/2"	1.3	340241	120	110	340250	130	119	340259	130	119	340268	130	119
PTA-4	4"	1.6	340242	144	126	340251	156	140	340260	156	140	340269	156	140
PTA-412	4-1/2"	2.0	340243	144	126	340252	156	140	340261	156	140	340270	156	140
PTA-5	5"	2.4	340244	144	126	340253	156	140	340262	156	140	340271	156	140
PTA-512	5-1/2"	2.9	340245	188	168	340254	203	182	340263	203	182	340272	203	182
PTA-6	6"	3.8	340246	188	168	340255	203	182	340264	203	182	340273	203	182



FLAGPOLE CAPS

Cast aluminum construction designed to slip over the top of the flagpole and be secured with three 1/4"-20NC stainless steel set screws. The top of the cap is designed to accept an ornament with a spindle threading of 1/2"-13NC as standard but can be supplied with other sizes of threading or no threading. Please specify color when ordering. If not specified, silver will be supplied.

MODEL	FITS POLE DIAMETER	LBS.	SILVER			BRONZE #313			WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
FC-20	2"	.60	340274	\$34.00	\$30.50	340276	\$39.00	\$36.50	340278	\$39.00	\$36.50	340280	\$39.00	\$36.50
FC-212	2-1/2"	.60	340275	39.00	36.50	340277	42.00	39.50	340279	42.00	39.50	340281	42.00	39.50



DELUXE



STANDARD

PULLEY & EYEBOLT ASSEMBLIES

Includes Hex Nut, Washer & Lock Washer

MODEL	ITEM #	OVERALL LENGTH	THREAD LENGTH	BOLT THREADING	BOLT MATERIAL	PULLEY HOUSING MATERIAL	PULLEY MATERIAL	MAX. ROPE DIAMETER	1-5	6+	LBS.
DELUXE	340236	4-1/8"	2-3/8"	5/16"-18NC	STAINLESS STEEL	STAINLESS STEEL	NYLON	5/16"	\$31.00	\$29.50	.02
STANDARD	340237	3-1/8"	1"	#8-32NC	ZINC PLATED STEEL	ZINC	ZINC	3/16"	9.30	8.50	.07

NYLON



ALUMINUM



ROPE PULLEYS

ITEM #	DIA.	WIDTH	MATERIAL	MAXIMUM AXLE DIA.	MAXIMUM ROPE DIA.	USED WITH OUR TRUCK MODEL NUMBER...	1-5	6+	LBS.
340302	1"	3/8"	NYLON	3/16"	1/4"	ST-1-38, ST-1-12, ST-1-16, ST-1-20	\$5.40	\$4.90	.01
340356*	1-1/2"	1/2"	NYLON	1/4"	1/4"	OTH, IH-1-35, OT35	7.50	6.50	.03
340355	1-1/2"	9/16"	NYLON	1/4"	1/4"	ST2, ST3, OT1, OT25, IH-1 INNER PULLEY INSERT	7.50	6.50	.03
340358	1-1/2"	3/4"	NYLON	1/4"	5/16"	RTS-1-125, RTC-1-138, RTC-1-2, RTC-1-238	7.90	7.50	.04
340357	1-15/16"	9/16"	NYLON	1/4"	5/16"	RTS-2-125, RTC-2-138, RTC-2-2, RTC-2-238, RTSB	7.90	7.50	.04
340320	2"	1/2"	NYLON	1/4"	5/16"	OT2, OT3, OT325, IH-1-3, IHT-VS	6.50	5.90	.04
340359	2-1/2"	7/8"	ALUMINUM	1/2"	3/8"	HDT-1	37.50	34.00	.40
340305	3-3/4"	3/4"	ALUMINUM	1/2"	3/8"	HDT-2	38.00	35.00	.45

*340356 is also used with our Vertical Mount Pulley Assemblies. Please note that the diameter of all of our nylon pulleys can vary plus or minus 1/16".

VERTICAL MOUNT PULLEY ASSEMBLIES

Cast aluminum construction. 1-1/2" outside diameter cast nylon pulley on a 1/4" stainless steel axle. Attaches with two 1/4"-20NC stainless steel flat head screws or two stainless steel straps (not included). Maximum halyard diameter is 5/16". Not supplied as standard with holes drilled for mounting. Add \$2.00 for drilling.



ITEM #	COLOR	1-5	6+	LBS.
340298	SILVER	\$44.00	\$40.50	.60
340299	BRONZE #313	49.50	45.50	.60
340300	BLACK	49.50	45.50	.60
340301	WHITE	49.50	45.50	.60



THREADED TOP PLUGS

Screws into top of pole with 1-1/4" NPT threading and allows for insertion of ornament with either a 1/2"-13NC or 5/8"-11NC spindle threading.

ITEM #	FOR ORNAMENT SPINDLE SIZE	1-5	6+	LBS.
340306	1/2"-13NC	\$46.50	\$42.50	.25
340307	5/8"-11NC	51.50	45.50	.25

If medium bronze #312, light bronze #311 or a custom color is desired please specify when ordering.



STANDARD CAST ALUMINUM CLEATS

Two 1/4"-20NC Stainless Steel Mounting Screws Included
 Standard colors are: Silver, Bronze #313, White & Black.
 If not specified when ordering, Silver will be supplied.

MODEL	LENGTH	DISTANCE BETWEEN BOLT CENTERS	LBS.	SILVER			BRONZE #313			WHITE			BLACK		
				ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
CL6	6"	2"	.25	350000	\$15.20	\$13.80	350002	\$18.80	\$16.30	350004	\$18.80	\$16.30	350006	\$18.80	\$16.30
CL9	9"	2-3/4"	.55	350001	20.90	18.20	350003	23.00	20.80	350005	23.00	20.80	350007	23.00	20.80



LIGHT-DUTY CAST ALUMINUM CLEATS

Two #10-5/8" Self-Tapping Flat Head Mounting Screws Included
 Standard colors are: Silver, Bronze #313, White & Black.
 If not specified when ordering, Silver will be supplied.

MODEL	LENGTH	DISTANCE BETWEEN BOLT CENTERS	LBS.	SILVER			BRONZE #313			WHITE			BLACK		
				ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
CLC	4-1/2"	3/4"	.04	350008	\$7.80	\$7.40	350010	\$10.40	\$9.20	350012	\$10.40	\$9.20	350014	\$10.40	\$9.20
CLH	6"	1"	.06	350009	8.30	7.90	350011	11.40	10.90	350013	11.40	10.90	350015	11.40	10.90



HEAVY-DUTY CAST ALUMINUM CLEAT

Two 3/8"-16NC Stainless Steel Slotted Flat Head Screws Included
 Standard colors are: Silver, Bronze #313, White & Black.
 If not specified when ordering, Silver will be supplied.

LENGTH	DISTANCE BETWEEN BOLT CENTERS	LBS.	SILVER			BRONZE #313			WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
14-3/4"	4-7/8"	2.2	350016	\$156.00	\$146.00	350017	\$167.00	\$161.00	350018	\$167.00	\$161.00	350019	\$167.00	\$161.00



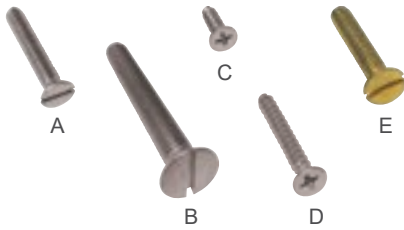
CAST NYLON CLEATS

Two #10-1-1/2" Self-Tapping Mounting Screws Included

MODEL	ITEM #	COLOR	DISTANCE BETWEEN BOLT CENTERS	1-5	6+	LBS.
CLP-G	350020	GRAY	1-1/8"	\$5.90	\$5.40	.07
CLP-W	350021	WHITE	1-1/8"	5.90	5.40	.07

If medium bronze #312, light bronze #311 or a custom color is desired please specify when ordering.

CLEAT SCREWS



	MATERIAL	LENGTH	THREAD	COLOR	ITEM #	PRICE	LBS.
A	STAINLESS STEEL	1-1/2"	1/4"-20NC	Silver	350025	\$1.52	.05
B	ZINC PLATED STEEL	3"	3/8"-16NC	Silver	350026	3.12	.18
C	ZINC PLATED STEEL	5/8"	#10	Silver	350027	0.52	.01
D	ZINC PLATED STEEL	1-1/2"	#10	Silver	350028	0.54	.01
D	STAINLESS STEEL	1-1/2"	#14	White Painted	350249	1.60	.05
E	BRASS ALLOY	1-1/2"	1/4"-20NC	Brass	350041	1.56	.02

CLEAT COVER BOXES

Cast aluminum with stainless steel hinge pins. Design allows for easy installation utilizing the cleat holes to mount the cleat cover box. Comes complete with your choice of padlock or cylinder lock. Two extra long 1/4"-20NC stainless steel mounting screws are included. The distance between bolt centers is 2-3/4". Rope cleat is not included - recommended cleats are the CL9 or CL9/CP; see previous page for pricing. Standard colors are Silver, or painted to match Clear, Bronze #313, White or Black.

With
Cylinder Lock



With
Padlock



Cleat Cover Boxes can be mixed to achieve the higher quantity pricing.

WITH CYLINDER LOCK AND MOUNTING SCREWS

MODEL	FITS POLE DIA.	LBS.	SILVER			BRONZE #313		
			ITEM #	1-5	6+	ITEM #	1-5	6+
CBC-335	3"-3½"	5.0	350042	\$212	\$188	350050	\$231	\$212
CBC-412	4"-12"	5.0	350043	212	188	350051	231	212

MODEL	FITS POLE DIA.	LBS.	WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+
CBC-335	3"-3½"	5.0	350054	\$231	\$212	350058	\$231	\$212
CBC-412	4"-12"	5.0	350055	231	212	350059	231	212

WITH PADLOCK AND MOUNTING SCREWS

MODEL	FITS POLE DIA.	LBS.	SILVER			BRONZE #313		
			ITEM #	1-5	6+	ITEM #	1-5	6+
CB-335	3"-3½"	5.6	350044	\$225	\$203	350052	\$251	\$225
CB-412	4"-12"	5.6	350045	225	203	350053	251	225

MODEL	FITS POLE DIA.	LBS.	WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+
CB-335	3"-3½"	5.6	350056	\$251	\$225	350060	\$251	\$225
CB-412	4"-12"	5.6	350057	251	225	350061	251	225



HALYARD COVERS WITH MOUNTING SCREWS

This 1-3/4" wide by 1" deep aluminum channel is designed to be used with the cleat cover boxes above by providing additional protection 5', 6', 8', or 10' above the cleat cover box. The 5', 6', and 8' models have an upper & lower hinge assembly and is secured to the pole with six #10-32NC stainless steel pan head screws (included). The 10' model has upper, middle and lower hinge assemblies and is secured to the pole with nine #10-32NC stainless steel pan head screws (included). Note: Shown with cleat cover box which is sold separately and is not included in the pricing below. Standard colors are Silver, or painted to match Clear, Bronze #313, White or Black.

MODEL	LENGTH	LBS.	SILVER			CLEAR			BRONZE #313			WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
HC-5	5'	5.1	350066	\$201	\$178	350070	\$244	\$218	350074	\$244	\$218	350078	\$244	\$218	350082	\$244	\$218
HC-6	6'	5.9	350067	218	201	350071	271	244	350075	271	244	350079	271	244	350083	271	244
HC-8	8'	7.5	350068	274	246	350072	336	295	350076	336	295	350080	336	295	350084	336	295
HC-10	10'	9.5	350069	336	302	350073	386	349	350077	386	349	350081	386	349	350085	386	349

If medium bronze #312, light bronze #311 or a custom color is desired please specify when ordering.



LOCKS & KEYS FOR CLEAT BOXES

MODEL	ITEM #	DESCRIPTION	1-5	6+	LBS.
CBC-L	350090	CYLINDER LOCK w/KEYS	\$26.40	\$24.50	.14
CBC-K	360292	KEY ONLY FOR CYLINDER LOCK	10.90	10.60	.04
CB-L	350092	PADLOCK w/KEYS	19.50	17.90	.46



CLEAT COVER BOX MOUNTING SCREWS
 2-1/2" x 1/4"-20NC

ITEM #	COLOR	PRICE	LBS.
350062	SILVER	\$1.58	.03



HALYARD COVER MOUNTING SCREWS
 5/8" x #10-32NC Stainless Steel

ITEM #	COLOR	PRICE	LBS.
350086	SILVER	\$0.70	.01

SEE PAGES 134 - 140 FOR INTERNAL HALYARD PARTS & ACCESSORIES



STAINLESS STEEL SPRING CLIPS

ITEM #	LENGTH	1-11	12-143	144+	LBS.
350136	2-3/8"	\$4.90	\$4.00	\$3.80	.06
350254	2-3/4"	6.50	6.10	5.70	.09

If medium bronze #312, light bronze #311 or a custom color is desired please specify when ordering.



SOLID BRASS SWIVEL SNAPS

MODEL	ITEM #	LENGTH	1-11	12-143	144+	LBS.
ESS	350124	3"	\$7.00	\$6.30	\$6.00	.13
ESSL	350125	3-3/4"	9.80	8.70	8.00	.17
ESSXL	350126	4-3/4"	16.70	14.80	14.00	.30



CHROME PLATED BRASS SWIVEL SNAP

MODEL	ITEM #	LENGTH	1-11	12-143	144+	LBS.
ESSC	350128	3-1/2"	\$9.80	\$8.60	\$7.60	.13



NYLON SNAPS

ESN

EVL

MODEL	ITEM #	LENGTH	1-11	12-143	144+	LBS.
ESN	350131	2-3/4"	\$1.24	\$1.18	\$1.12	.01
EVL	350132	3"	15.60	14.80	14.50	.04



NICKEL PLATED ZINC SWIVEL SNAP

MODEL	ITEM #	LENGTH	1-11	12-143	144+	LBS.
ESSZ	350127	3-1/2"	\$5.60	\$5.30	\$4.80	.10



White

Brown

RUBBER COATED BRASS SWIVEL SNAPS

MODEL	ITEM #	LENGTH	COLOR	1-11	12-143	144+	LBS.
ESR-W	350133	3"	WHITE	\$16.10	\$15.20	\$12.80	.13
ESR-B	350134	3"	BROWN	16.80	16.10	13.50	.13



SOLID BRASS DOUBLE SNAP

MODEL	ITEM #	LENGTH	1-11	12-143	144+	LBS.
DS-4	350135	4"	\$8.50	\$7.60	\$6.90	.14



STAINLESS STEEL SWIVEL SNAPS

MODEL	ITEM #	LENGTH	1-11	12-143	144+	LBS.
SSFS1	350129	3-3/4"	\$28.50	\$27.00	\$25.50	.13
SSFS2	350130	4-3/4"	35.00	32.50	31.00	.28



STAINLESS STEEL SWIVEL SNAP W/LARGE EYE OPENING

Ideal for 25' x 40' flags and larger.

MODEL	ITEM #	LENGTH	1-11	12-143	144+	LBS.
SSFS3	350257	4-3/4"	\$37.00	\$35.00	\$32.00	.35



GRAY

BROWN

BLACK

VINYL SNAP COVERS

MODEL	ITEM #	COLOR	LEN.	DIA.	1-11	12-143	144+	LBS.
EVC-G	350137	GRAY	3-1/2"	1-1/4"	\$3.80	\$3.50	\$3.40	.05
EVC-B	350138	BROWN	3-1/2"	1-1/4"	3.80	3.50	3.40	.05
EVC-BL	350258	BLACK	3-1/2"	1-1/4"	3.80	3.50	3.40	.05
EVCXL-G	350139	GRAY	4-1/4"	1-1/2"	5.30	5.10	4.80	.08
EVCXL-B	350140	BROWN	4-1/4"	1-1/2"	5.30	5.10	4.80	.08
EVCXL-BL	350259	BLACK	4-1/4"	1-1/2"	5.30	5.10	4.80	.08

POLYESTER HALYARD – SOLID BRAIDED



CUT-TO-LENGTH – Priced Per Foot

MODEL	DIA.	LBS.	WHITE		SILVER		BRONZE #313		BLACK	
			ITEM #	PRICE	ITEM #	PRICE	ITEM #	PRICE	ITEM #	PRICE
PH6	3/16"	.01	350195	\$0.43	350200	\$0.45	350204	\$0.45	350208	\$0.45
PH8	1/4"	.01	350196	0.47	350201	0.50	350205	0.50	350209	0.50
PH10	5/16"	.02	350197	0.54	350202	0.57	350206	0.57	350210	0.57
PH12	3/8"	.02	350198	0.66	350203	0.75	350207	0.75	350211	0.75

Note: When ordering cut-to-length halyard please specify the number of feet desired. Our sales staff will convert the number of feet to the proper decimal equivalent in relationship to the appropriate spool of halyard and this information will appear on your invoice. This is being done to accommodate our computer system.

SPOOLS – Priced Per Foot



MODEL	FEET PER SPOOL	DIA.	LBS.	WHITE			SILVER		
				ITEM #	1-2 SPOOLS	3+ SPOOLS	ITEM #	1-2 SPOOLS	3+ SPOOLS
PH6	1,500	3/16"	16	350195	\$639	\$428	350200	\$666	\$510
PH8	1,000	1/4"	14	350196	461	321	350201	496	364
PH10	600	5/16"	11	350197	321	258	350202	341	278
PH12	600	3/8"	15	350198	396	300	350203	448	321
PH16	250	1/2"	16	350199	663	577	—	—	—

MODEL	FEET PER SPOOL	DIA.	LBS.	BRONZE #313			BLACK		
				ITEM #	1-2 SPOOLS	3+ SPOOLS	ITEM #	1-2 SPOOLS	3+ SPOOLS
PH6	1,500	3/16"	16	350204	\$666	\$510	350208	\$666	\$510
PH8	1,000	1/4"	14	350205	496	364	350209	496	364
PH10	600	5/16"	11	350206	341	278	350210	341	278
PH12	600	3/8"	15	350207	448	321	350211	448	321
PH16	250	1/2"	16	—	—	—	—	—	—

MODEL	LENGTH	DIA.	LBS.	WHITE		SILVER		BRONZE #313	
				ITEM #	PRICE	ITEM #	PRICE	ITEM #	PRICE
NH4	28'	1/8"	.12	350141	\$6.50	—	—	—	—
PH6	30'	3/16"	.30	350142	13.50	350154	\$15.00	350166	\$15.00
PH6	40'	3/16"	.40	350143	18.00	—	—	350167	19.30
PH8	30'	1/4"	.34	—	—	350252	16.10	—	—
PH8	40'	1/4"	.45	350144	19.40	350156	22.50	350168	22.50
PH8	50'	1/4"	.65	350145	24.20	350157	26.50	350169	26.50
PH8	60'	1/4"	.75	350146	28.30	350158	30.80	350170	30.80
PH10	40'	5/16"	.90	—	—	350253	24.20	—	—
PH10	50'	5/16"	.90	350147	28.30	350159	30.80	350171	30.80
PH10	60'	5/16"	.95	350148	32.80	350160	34.60	350172	34.60
PH10	70'	5/16"	1.2	350149	36.70	350161	40.70	350173	40.70
PH10	80'	5/16"	1.4	350150	42.80	350162	44.80	350174	44.80
PH10	90'	5/16"	1.5	350151	46.70	350163	50.80	350175	50.80
PH10	100'	5/16"	1.5	350152	53.00	350164	56.90	350176	56.90
PH12	120'	3/8"	2.5	350153	65.40	350165	72.90	350177	72.90

PRE-BAGGED – Priced Per Foot



POLYESTER WIRE CENTER HALYARD



CUT-TO-LENGTH – Priced Per Foot

MODEL	DIA.	LBS.	WHITE		SILVER		BRONZE #313		BLACK	
			ITEM #	PRICE	ITEM #	PRICE	ITEM #	PRICE	ITEM #	PRICE
NWCH6	3/16"	.03	350228	\$0.96	350232	\$1.03	350236	\$1.03	350240	\$1.03
NWCH8	1/4"	.03	350229	1.03	350233	1.07	350237	1.07	350241	1.07
NWCH10	5/16"	.04	350230	1.28	350234	1.36	350238	1.36	350242	1.36
NWCH12	3/8"	.04	350231	1.72	350235	1.78	350239	1.78	350243	1.78

Note: When ordering cut-to-length halyard please specify the number of feet desired. Our sales staff will convert the number of feet to the proper decimal equivalent in relationship to the appropriate spool of halyard and this information will appear on your invoice. This is being done to accommodate our computer system.

MODEL	FEET PER SPOOL	DIA.	LBS.	WHITE			SILVER		
				ITEM #	1-2 SPOOLS	3+ SPOOLS	ITEM #	1-2 SPOOLS	3+ SPOOLS
NWCH6	1,000	3/16"	32	350228	\$954	\$783	350232	\$1,029	\$827
NWCH8	1,000	1/4"	35	350229	1,029	846	350233	1,067	870
NWCH10	500	5/16"	21	350230	638	528	350234	676	548
NWCH12	500	3/8"	26	350231	858	688	350235	890	714

MODEL	FEET PER SPOOL	DIA.	LBS.	BRONZE #313			BLACK		
				ITEM #	1-2 SPOOLS	3+ SPOOLS	ITEM #	1-2 SPOOLS	3+ SPOOLS
NWCH6	1,000	3/16"	31	350236	\$1,029	\$827	350240	\$1,029	\$827
NWCH8	1,000	1/4"	34	350237	1,067	870	350241	1,067	870
NWCH10	500	5/16"	20	350238	676	548	350242	676	548
NWCH12	500	3/8"	23	350239	890	714	350243	890	714

SPOOLS – Priced Per Foot

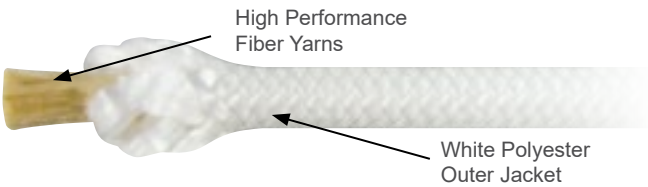


TECHNORA® FLAGPOLE HALYARD

High performance fibers are encased inside a polyester fiber yarn jacket resulting in a high strength, low stretch, U.V. and abrasion resistant flagpole halyard. Available in White.

ITEM #	DESCRIPTION	DIA.	COLOR	PRICE	LBS.
350256	CUT-TO-LENGTH	1/4"	WHITE	\$2.07/FOOT	.02
350256	1000' SPOOL	1/4"	WHITE	\$2,070/SPOOL	18

Note: When ordering cut-to-length halyard please specify the number of feet desired. Our sales staff will convert the number of feet to the proper decimal equivalent in relationship to the appropriate spool of halyard and this information will appear on your invoice. This is being done to accommodate our computer system.



ZIPKLIP™ FLAG FASTENERS

These nylon flag fastener clips are sold two per set and come complete with stainless steel spring clips. The halyard is held firmly in place with a positive lock set screw. Maximum rope diameter 5/16".

ITEM #	PRICE	LBS.
350255	\$15.90 PER SET OF TWO	.20





M-WINCHES

Standard finishes available: Satin, Clear, Bronze #313, White, Black

The maintenance-free M-Winch is gearless and self-locking at any point, eliminating the need for a separate brake. This direct drive winch provides rapid raising and lowering of the flag with little effort. The design does not require any welding, thus avoiding discoloration when an anodized finish is desired. No monthly lubrication is needed. The winch is inserted into the pole and secured with a stainless steel bolt on the back side of the pole. Comes standard with lock and keys. Other sizes available upon request.

Normal appearance of M-Winch while flag is flying or there is no flag being flown.



To remove lock, insert key, turn counter-clockwise and remove the lock exposing the winch insertion slot.



Insert handle into the winch insertion slot, apply inward pressure to locking mechanism and raise or lower the flag to desired position.



MODEL	FITS POLE DIA.	LBS.	SATIN		CLEAR		BRONZE #313		WHITE		BLACK	
			ITEM #	Price	ITEM #	PRICE	ITEM #	PRICE	ITEM #	PRICE	ITEM #	PRICE
M-5	5" w/.125 WALL	1.3	360000	\$750	360009	\$790	360018	\$790	360027	\$790	360036	\$790
M-5	5" w/.156 or .188 WALL	1.3	360516	750	360517	790	360518	790	360519	790	360520	790
M-6	6"	2.1	360001	1,190	360010	1,230	360019	1,230	360028	1,230	360037	1,230
M-6H	6" w/.250 WALL	2.1	360501	1,190	360502	1,230	360503	1,230	360505	1,230	360504	1,230
M-7	7"	2.3	360002	1,190	360011	1,230	360020	1,230	360029	1,230	360038	1,230
M-8	8"	4.5	360003	1,330	360012	1,400	360021	1,400	360030	1,400	360039	1,400
M-10	10"	4.9	360004	1,400	360013	1,450	360022	1,450	360031	1,450	360040	1,450
M-10H	10"	4.9	360508	1,400	360509	1,450	360510	1,450	360512	1,450	360511	1,450
M-1034	10-3/4"	5.1	360005	1,620	360014	1,690	360023	1,690	360032	1,690	360041	1,690
M-12	12" w/.250 WALL	5.0	360466	1,620	360467	1,690	360468	1,690	360469	1,690	360470	1,690
M-12	12" w/.375 WALL	5.0	360006	1,620	360015	1,690	360024	1,690	360033	1,690	360042	1,690
M-1234	12-3/4"	7.9	360007	3,270	360016	3,300	360025	3,300	360034	3,300	360043	3,300
M-14	14"	8.1	360008	3,270	360017	3,300	360026	3,300	360035	3,300	360044	3,300



M-WINCH HANDLES

MODEL	ITEM #	FOR M-WINCH MODEL #	PRICE	LBS.
MH-5	360045	M-5	\$88.00	.50
MH-612	360046	M-6 THRU M-14	187.00	1.1

Winch Handles on this page can be mixed to achieve the higher quantity pricing.



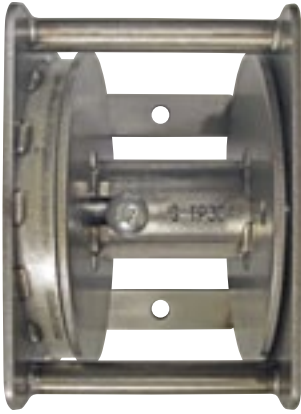
LOCK & KEY FOR M-WINCHES

MODEL	ITEM #	DESCRIPTION	PRICE	LBS.
M-L	360054	LOCK w/KEY	\$117.00	.08
M-K	360055	KEY ONLY*	16.00	.01

*Please provide number located on cylinder lock when ordering replacement keys.

Products on Page 134 are intended for replacement parts for Eder Flag product only. The warranty on these products are only valid when used with factory installed Eder Flag shafts. Any after purchase service or warranty, must include invoice details for product and shaft.

If medium bronze #312, light bronze #311 or a custom color is desired please specify when ordering.



STAINLESS STEEL WINCHES

These winches are available for use on flagpoles with a butt diameter of 6" or larger. These gearless winches utilize cast bronze internal brakes which release when a winch handle is inserted and rotational pressure is applied. The winch is locked at any position by removing the handle which engages the brake system. The small size is generally used on flagpoles up to 45', the large size is used on flagpoles from 50' thru 80' and the X-Large size is used on flagpoles higher than 80'. The winch is mounted to the inside of the flagpole with two 5/16"-18NC stainless steel bolts with mounting centers being 3-1/2". Recommended stainless steel cable diameter is 1/8". Monthly lubrication required.

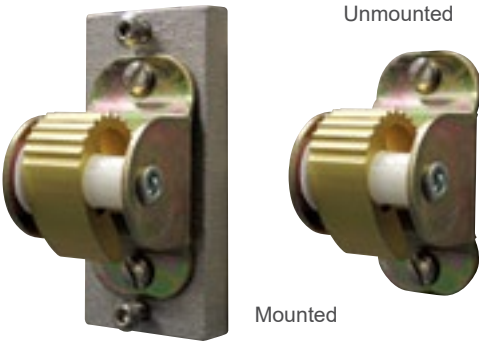
MODEL	ITEM #	SIZE	MIN. POLE OPENING		DRUM WIDTH	1-5	6+	LBS.
			HEIGHT	WIDTH				
SSW1	360047	SMALL	4-1/8"	3-1/8"	1-1/2"	\$760	\$730	3.5
SSW2	360048	LARGE	4-1/8"	3-5/8"	2"	760	730	3.8
SSW3	360049	X-LARGE	4-1/8"	6-5/8"	5"	1,310	1,210	4.8



HANDLE FOR STAINLESS STEEL WINCHES

Designed to be used with any of the stainless steel winches described above.

MODEL	ITEM #	1-5	6+	LBS.
WH1	360051	\$73.00	\$68.00	1.3



Unmounted

Mounted

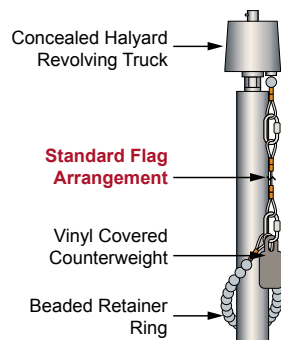
CAM ACTION CLEATS

Used in rope style internal halyard flagpoles. The mounted version is secured onto a 1-1/2" x 3-3/8" aluminum block with two #10-32NC stainless steel pan head screws. Both versions are supplied with two #10-32NC stainless steel mounting screws. Recommended maximum rope diameter is 5/16".

ITEM #	DESCRIPTION	DISTANCE BETWEEN BOLT CENTERS	1-5	6+	LBS.
360052	MOUNTED	2-15/16"	\$57.00	\$50.00	.50
360053	UNMOUNTED	2"	32.50	31.00	.25



Arrangement shown with 2 Quick Links



STANDARD FLAG ARRANGEMENTS

Constructed of 1/8" stainless steel aircraft cable with a stainless steel thimble attached at each end with 2 copper crimps. These flag arrangements provide the method of attaching the flag or flags to the cable assembly. This is also an excellent method for changing the quantity of flags or the size(s) of flag(s) without having to change the entire cable assembly. Standard flag arrangements are supplied with either 2 or 3 stainless steel quick links depending on the recommended flag size. Deluxe arrangements are supplied with a more complete set of accessories.

MODEL	ITEM #	FOR FLAG SIZE	# OF QUICK LINKS	1-5	6+	LBS.
FA1	360473	12" x 18"	2	\$53	\$46	.35
FA2	360079	2' x 3'	2	65	61	.50
FA25	360080	2-1/2' x 4'	2	70	65	.55
FA3	360081	3' x 5'	2	73	66	.55
FA4	360082	4' x 6'	2	75	70	.60
FA5	360083	5' x 8' or 5' x 9-1/2'	2	79	73	.65
FA6	360084	6' x 10'	2	84	79	.65
FA8	360085	8' x 12'	2	174	153	.70
FA10	360086	10' x 15' or 10' x 19'	3	178	159	.95
FA12	360087	12' x 18'	3	190	174	1.0
FA15	360088	15' x 25'	3	195	182	1.1
FA20	360089	20' x 30' or 20' x 38'	3	203	184	1.3
FA25	360090	25' x 40'	3	221	200	2.0
FA30	360091	30' x 50' or 30' x 60'	3	228	203	2.8



Arrangement for flag size 6' x 10' or smaller



Shock spring and Safety Cable supplied with arrangements for 8' x 12' or larger flag sizes

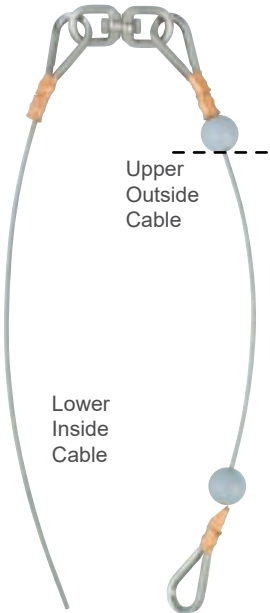
DELUXE FLAG ARRANGEMENTS

Constructed of 1/8" stainless steel aircraft cable with a stainless steel thimble attached at each end with 2 copper crimps. These flag arrangements provide the method of attaching the flag or flags to the cable assembly. This is also an excellent method for changing the quantity of flags or the size(s) of flag(s) without having to change the entire cable assembly. Deluxe flag arrangements are supplied with either 2 or 3 stainless steel quick links depending on the recommended flag size, flag snaps, shock spring where needed and safety cable where needed.

MODEL	ITEM #	FOR FLAG SIZE	SUPPLIED WITH				1-5	6+	LBS.
			QUICK LINKS	FLAG SNAPS	SHOCK SPRING	SAFETY CABLE			
FA2	360474	2' x 3'	2	2 (STAINLESS STEEL SSFS-1)	—	—	\$99	\$91	1.2
FA25	360475	2-1/2' x 4'	2	2 (STAINLESS STEEL SSFS-1)	—	—	110	96	1.3
FA3	360476	3' x 5'	2	2 (STAINLESS STEEL SSFS-1)	—	—	112	99	1.3
FA4	360477	4' x 6'	2	2 (STAINLESS STEEL SSFS-1)	—	—	117	107	1.3
FA5	360478	5' x 8' or 5' x 9-1/2'	2	2 (STAINLESS STEEL SSFS-1)	—	—	123	112	1.4
FA6	360479	6' x 10'	2	2 (STAINLESS STEEL SSFS-1)	—	—	135	123	1.4
FA8	360480	8' x 12'	3	2 (STAINLESS STEEL SSFS-2)	1	1	193	174	2.3
FA10	360481	10' x 15' or 10' x 19'	3	2 (STAINLESS STEEL SSFS-2)	1	1	195	178	2.6
FA12	360482	12' x 18'	3	2 (STAINLESS STEEL SSFS-2)	1	1	207	190	2.6
FA15	360483	15' x 25'	3	2 (STAINLESS STEEL SSFS-2)	1	1	213	195	2.7
FA20	360484	20' x 30' or 20' x 38'	3	2 (STAINLESS STEEL SSFS-2)	1	1	227	203	2.9
FA25	360485	25' x 40'	3	2 (STAINLESS STEEL SSFS-2)	1	1	233	207	3.6
FA30	360486	30' x 50' or 30' x 60'	3	2 (STAINLESS STEEL SSFS-2)	1	1	238	209	4.4

CABLE ASSEMBLIES

Constructed of 1/8" and/or 3/16" stainless steel aircraft cable incorporating a stainless steel swivel to minimize the effect of unraveling due to the rotation of the truck assembly. The upper cable section is supplied with a stainless steel thimble, 2 copper crimps, and two ball cable stops, however, because this section must be threaded through the truck assembly, these parts are not attached to the cable before shipment and must be attached in the field. These standard cable assemblies are designed for flagpoles with a winch installed at 4' above grade.



ITEM #	EXPOSED HT. OF FLAGPOLE	LOWER INSIDE CABLE		UPPER OUTSIDE CABLE		1-5	6+	LBS.
		DIA.	LEN.	DIA.	LEN.			
360056	20'	3/32"	17'	1/8"	17'	\$156	\$143	1.4
360332	25*	3/32"	21'	1/8"	21'	176	153	1.6
360057	25'	1/8"	21'	1/8"	21'	176	153	1.9
360333	30*	3/32"	27'	1/8"	27'	188	168	1.9
360058	30'	1/8"	27'	1/8"	27'	188	168	2.2
360334	35*	3/32"	31-1/2'	1/8"	31-1/2'	199	180	2.1
360059	35'	1/8"	31-1/2'	1/8"	31-1/2'	199	180	2.5
360060	40'	1/8"	37'	3/16"	37'	217	198	4.2
360061	45'	1/8"	42'	3/16"	42-1/2'	227	206	4.6
360062	50'	1/8"	46'	3/16"	46-1/2'	249	220	5.1
360063	60'	1/8"	56-1/2'	3/16"	57'	309	280	6.1
360064	70'	1/8"	66-1/2'	3/16"	67'	329	294	7.0
360065	78'	1/8"	74-1/2'	3/16"	75'	338	309	7.8
360066	80'	1/8"	76-1/2'	3/16"	77'	348	318	8.0
360067	90'	1/8"	86-1/2'	3/16"	87'	444	400	8.9
360068	100'	1/8"	96-1/2'	3/16"	97'	472	432	9.9
360069	110'	1/8"	106-1/2'	3/16"	107'	492	444	11
360070	120'	1/8"	116-1/2'	3/16"	117'	502	451	12
360071	130'	1/8"	126-1/2'	3/16"	127'	577	521	13
360072	140'	1/8"	136-1/2'	3/16"	137'	596	533	14
360073	150'	1/8"	146-1/2'	3/16"	147'	637	577	15
360074	160'	1/8"	156-1/2'	3/16"	157'	679	616	16
360075	170'	1/8"	166-1/2'	3/16"	167'	719	649	17
360076	180'	1/8"	176-1/2'	3/16"	177'	802	719	18
360077	190'	1/8"	186-1/2'	3/16"	187'	861	776	19
360078	200'	1/8"	196-1/2'	3/16"	197'	948	850	20

*To be used with 5" diameter poles with our M-5 Winch installed.



Poly Rope Assembly # 360096 shown

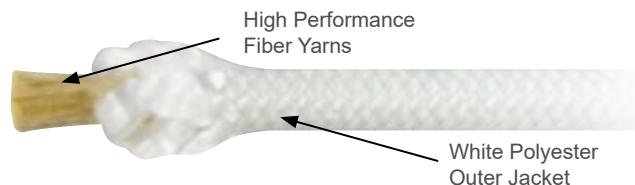
ROPE ASSEMBLIES

These assemblies are typically used in rope style internal halyard flagpoles where a cam cleat has been installed. Comes complete with a zinc plated carbon steel rope thimble attached to one end of the rope and stainless steel quick link.

TECHNORA® ROPE ASSEMBLIES

High performance fibers are encased inside a polyester fiber yarn jacket resulting in a high strength, low stretch, U.V. and abrasion resistant flagpole halyard.

HT. OF POLE	LEN. OF ROPE	DIA. OF ROPE	LBS.	WHITE		
				ITEM #	1-5	6+
20'	50'	1/4"	2.0	360495	\$109	\$96
25'	60'	1/4"	2.4	360496	131	119
30'	70'	1/4"	2.7	360497	161	148
35'	80'	1/4"	3.0	360498	174	152
40'	90'	1/4"	3.4	360499	195	178



POLYESTER ROPE ASSEMBLIES

HT. OF POLE	LEN. OF ROPE	DIA. OF ROPE	LBS.	WHITE			SILVER			BRONZE #313			BLACK		
				ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
20'	50'	1/4"	1.7	360096	\$33.00	\$29.50	360106	\$33.00	\$29.50	360116	\$33.00	\$29.50	360126	\$33.00	\$29.50
25'	60'	1/4"	2.1	360097	37.00	33.00	360107	38.00	35.00	360117	38.00	35.00	360127	38.00	35.00
30'	70'	1/4"	2.4	360098	39.50	37.00	360108	42.00	38.00	360118	42.00	38.00	360128	42.00	38.00
35'	80'	1/4"	2.7	360099	42.00	39.50	360109	44.50	41.00	360119	44.50	41.00	360129	44.50	41.00
40'	90'	1/4"	3.1	360100	48.00	42.00	360110	51.50	44.50	360120	51.50	44.50	360130	51.50	44.50

POLYESTER WITH WIRE CENTER ROPE ASSEMBLIES

HT. OF POLE	LEN. OF ROPE	DIA. OF ROPE	LBS.	WHITE			SILVER			BRONZE #313			BLACK		
				ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
20'	50'	3/16"	1.6	360137	\$57	\$53	360147	\$65	\$58	360157	\$65	\$58	360167	\$65	\$58
25'	60'	3/16"	1.9	360138	65	58	360148	76	70	360158	76	70	360168	76	70
30'	70'	3/16"	2.2	360139	71	66	360149	87	79	360159	87	79	360169	87	79
35'	80'	3/16"	2.5	360140	80	73	360150	100	92	360160	100	92	360170	100	92
40'	90'	3/16"	2.8	360340	118	89	360341	126	116	360342	126	116	360343	126	116

ROPE RETAINER RINGS

Retainer rings are generally used with internal halyard flagpoles by providing a means of keeping the bottom of the flag close to the pole and as an aid to raise and lower the flag. Retainer rings can also be used on large multi-grommet flags on both external and internal halyard flagpoles as a means to keep the flags close to the pole and reduce the strain on the upper and lower grommets of the flag. These roped retainer rings are constructed of 3/16" polyester wire center halyard with a zinc plated carbon steel thimble attached to one end with an aluminum crimp. Complete with stainless steel quick link. Standard colors are White, Silver, Bronze #313 and Black. Please specify color when ordering. If not specified White will be supplied.



MODEL	BUTT DIA. OF POLE	LBS.	WHITE			SILVER			BRONZE #313			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
RRR5	5"	.30	360230	\$29.50	\$27.00	360239	\$35.00	\$32.00	360248	\$35.00	\$32.00	360257	\$35.00	\$32.00
RRR6	6"	.30	360231	32.00	28.50	360240	37.00	33.00	360249	37.00	33.00	360258	37.00	33.00
RRR65	6-1/2"	.30	360232	33.00	29.50	360241	38.00	35.00	360250	38.00	35.00	360259	38.00	35.00
RRR7	7"	.32	360233	35.00	32.00	360242	41.00	38.00	360251	41.00	38.00	360260	41.00	38.00
RRR8	8"	.32	360234	37.00	33.00	360243	42.00	39.50	360252	42.00	39.50	360261	42.00	39.50
RRR10	10"	.34	360235	38.00	35.00	360244	44.50	41.00	360253	44.50	41.00	360262	44.50	41.00
RRR105	10-1/2"	.34	360236	42.00	39.50	360245	56.00	48.00	360254	56.00	48.00	360263	56.00	48.00
RRR115	11-1/2"	.36	360237	48.00	41.00	360246	62.50	56.00	360255	62.50	56.00	360264	62.50	56.00
RRR12	12"	.36	360238	53.50	44.50	360247	65.50	61.00	360256	65.50	61.00	360265	65.50	61.00
RRR16	16"	.50	360349	68.00	64.00	—	—	—	360350	82.00	75.00	—	—	—
RRR163	16-3/4"	.50	360351	82.00	75.00	—	—	—	360352	82.00	75.00	—	—	—

BEADED RETAINER RINGS

Retainer rings are generally used with internal halyard flagpoles by providing a means of keeping the bottom of the flag close to the pole and as an aid to raise and lower the flag. Retainer rings can also be used on large multi-grommet flags on both external and internal halyard flagpoles as a means to keep the flags close to the pole and reduce the strain on the upper and lower grommets of the flag.

These beaded rings are constructed of either 1" or combination of 1" & 2" diameter nylon balls strung onto 1/8" stainless steel aircraft cable with a stainless steel thimble attached to each end with two copper crimps. Complete with stainless steel quick link. The length of each retainer ring is determined by measuring from the outside tip of each thimble (the quick link is not included in the measurement).



MODEL	LENGTH	POLE BUTT DIA.	DIA. OF BALLS	LBS.	WHITE			SILVER			BRONZE #313			BLACK		
					ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
RR5	30"	5"	1"	.75	360176	\$68	\$64	360194	\$79	\$73	360212	\$79	\$73	360488	\$79	\$73
RR6	34"	6"	1"	.80	360177	70	65	360195	82	75	360213	82	75	360489	82	75
RR7	38"	7"	1"	.85	360178	74	68	360196	84	79	360214	84	79	360490	84	79
RR8	42"	8"	1"	.90	360179	75	70	360197	89	80	360215	89	80	360491	89	80
RR10	50"	10"	1"	1.1	360180	82	75	360198	91	82	360216	91	82	360492	91	82
RR11	54"	11"	1"	1.2	360181	89	79	360199	103	91	360217	103	91	360493	103	91
RR12	58"	12"	1"	1.2	360182	91	82	360200	107	93	360218	107	93	360494	107	93
RR13	66-3/8"	13"	1" & 2"	2.5	360183	176	156	Beaded Retainer Rings can be mixed to achieve the higher quantity pricing.								
RR14	70-1/2"	14"	1" & 2"	2.7	360184	188	168									
RR16	78-1/2"	16"	1" & 2"	3.1	360185	210	193									
RR18	86-1/2"	18"	1" & 2"	3.4	360186	245	219									
RR20	94-1/2"	20"	1" & 2"	3.8	360187	266	245									
RR22	102-1/2"	22"	1" & 2"	4.2	360188	293	266									
RR24	110-1/2"	24"	1" & 2"	4.6	360189	325	293									
RR30	134"	30"	1" & 2"	5.8	360190	383	347									
RR32	142"	32"	1" & 2"	6.2	360191	408	367									
RR34	152"	34"	1" & 2"	6.6	360192	450	408									
RR36	158"	36"	1" & 2"	7.0	360193	470	430									



NYLON RETAINER RING BALLS

Drilled to be strung onto 1/8" stainless steel aircraft cable.

ITEM #	DIA. OF BALL	COLOR OF BALL	1-99	100+	LBS.
360266	1"	WHITE	\$1.12	\$0.96	.02
360267	1"	SILVER	1.22	1.14	.02
360268	1"	BRONZE	1.22	1.14	.02
360487	1"	BLACK	1.22	1.14	.02
360269	1-1/2"	WHITE	4.80	4.60	.06
360270	2"	WHITE	7.30	6.50	.15



6"



7" through 12"

INTERNAL HALYARD DOORS FOR ALUMINUM FLAGPOLES

With Lock & Keys

MODEL	POLE DIA.	LBS.	SATIN			CLEAR			BRONZE #313			WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
IHD6	6"	.42	360271	\$238	\$226	360276	\$247	\$234	360335	\$247	\$234	360281	\$247	\$234	360286	\$247	\$234
IHD7	7"	.46	360272	238	226	360277	247	234	360336	247	234	360282	247	234	360287	247	234
IHD8	8"	.60	360273	238	226	360278	247	234	360337	247	234	360283	247	234	360288	247	234
IHD10	10"	.72	360274	270	265	360279	291	280	360338	291	280	360284	291	280	360289	291	280
IHD12	12"	.76	360275	270	265	360280	291	280	360339	291	280	360285	291	280	360290	291	280



Bend in Locking Tab

LOCK & KEYS FOR INTERNAL HALYARD DOORS

This lock is suited for any of the doors listed above.



Flat Locking Tab

LOCK & KEYS FOR DOOR & FRAME UNIT

MODEL	ITEM #	DESCRIPTION	1-5	6+	LBS.
IHCL	360291	LOCK w/2 KEYS	\$25.30	\$23.40	.14
IHDK	360292	KEY ONLY	10.90	10.60	.04

MODEL	ITEM #	DESCRIPTION	1-5	6+	LBS.
DFL	360303	LOCK w/2 KEYS	\$25.30	\$23.40	.14
DFK	360292	KEY ONLY	10.90	10.60	.04



INTERNAL HALYARD DOOR & FRAME UNITS

This unit is designed for 5" diameter poles and is used with rope style internal halyard systems. Each unit consists of a hinged door mounted to the front of the frame and a cam cleat (optional) mounted to the back of the frame. The entire unit is inserted into the flagpole shaft and secured with eight 1/4"-20NC stainless steel screws. Minimum hole opening 5-1/2" x 3-1/4". Lock & keys included. Standard colors are Silver, or painted to match Clear, Bronze #313, White or Black. Please specify color when ordering. If not specified Silver will be supplied.

DESCRIPTION	LBS.	SILVER			CLEAR			BRONZE #313			WHITE			BLACK		
		ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
WITH CAM CLEAT	3.0	360293	\$245	\$213	—	—	—	360297	\$259	\$238	—	—	—	360301	\$259	\$238
NO CAM CLEAT	2.8	360294	193	178	360296	\$209	\$193	360298	209	193	360300	\$209	\$193	360302	209	193

If medium bronze #312, light bronze #311 or a custom color is desired please specify when ordering.



CW7 & CW14

CW35

COUNTERWEIGHTS

Fabricated from 2" diameter steel and then coated with plastisol. The 3-1/2" pound weights are supplied with one eyebolt attached to one end while the 7 pound and 14 pound weights are supplied with an eyebolt attached to each end.

MODEL	LENGTH	LBS.	WHITE			SILVER			BRONZE #313			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
CW35	3-1/2"	3.3	360313	\$66	\$57	360316	\$66	\$57	360319	\$66	\$57	360513	\$66	\$57
CW7	7"	6.7	360314	89	80	360317	89	80	360320	89	80	360514	89	80
CW14	14"	13	360315	115	100	360318	115	100	360321	115	100	360515	115	100



CABLE & ROPE CRIMPS

MODEL	ITEM #	FOR CABLE OR ROPE DIA.	MATERIAL	1-5	6+	LBS.
CC3	360328	3/32"	COPPER	\$1.18	\$1.06	.01
CC1	360324	1/8"	COPPER	1.18	1.06	.02
CC2	360325	5/32"	COPPER	3.28	3.06	.02
ARC1	360326	1/4" – 5/16"	ALUMINUM	2.70	2.60	.02
ARC316	360500	3/16"	ALUMINUM	2.70	2.60	.02



CABLE & ROPE THIMBLES

IHTH-3 & IHTH-1 are Stainless Steel
IHTH-2 & IHTH-4 are Zinc Plated Steel

MODEL	ITEM #	FOR CABLE OR ROPE DIA.	1-5	6+	LBS.
IHTH-3	360331	3/32"	\$4.00	\$3.60	.02
IHTH-1	360322	1/8" – 5/32"	4.60	4.10	.02
IHTH-2	300238	1/8" – 5/32"	1.58	1.30	.02
IHTH-4	360471	5/16"	2.20	1.50	.05



QUICK LINK

Stainless Steel

MODEL	ITEM #	LENGTH	WIDTH	1-5	6+	LBS.
SSQL	360329	2-7/8"	1-3/8"	\$16.20	\$12.10	.20



COPPER CABLE STOP

MODEL	ITEM #	FOR CABLE DIAMETER	1-5	6+	LBS.
CS1	360327	1/8"	\$1.18	\$1.06	.01



CABLE SWIVEL CONNECTOR

Stainless Steel

MODEL	ITEM #	LENGTH	WIDTH	1-5	6+	LBS.
IHCSC	360323	2-3/4"	1-1/8"	\$9.30	\$8.90	.20
IHCSCS	360472	3-5/8"	1-3/8"	19.20	18.20	.28



SHOCK SPRING & SAFETY CABLE

Recommended for flagpoles which use an 8' x 12' or larger flag arrangement.

The shock spring is zinc plated high carbon steel, 5-1/2" long and 4" wide.

The safety cable is 1/8" stainless steel aircraft cable and 9" long. Each end has a stainless steel thimble attached with 2 copper crimps.

MODEL	ITEM #	DESCRIPTION	1-5	6+	LBS.
IHSS	360092	SHOCK SPRING	\$19.20	\$17.30	.04
SCO	360093	SAFETY CABLE	12.60	11.30	.02



STAINLESS STEEL CABLE

Priced Per Foot

MODEL	ITEM #	DIAMETER	1'-199'	200'+	LBS.
SSC32	360330	3/32"	\$2.70	\$2.50	.10
SSC18	360094	1/8"	2.70	2.50	.10
SSC316	360095	3/16"	3.00	2.70	.10

STANDARD PROFILE ALUMINUM FLASH COLLARS WITH .060" WALL THICKNESS

Satin



Clear



Bronze



Black

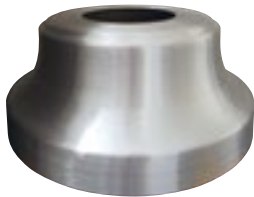


White

The chart below contains the combinations most commonly requested. For other combinations please contact us.

5" x 12" flash collars shown above. Flash collar shape may vary depending on pole diameter & outside diameter.

POLE DIA.	OUTSIDE DIA.	HT.	LBS.	SATIN			CLEAR			BRONZE #313			BLACK			WHITE		
				ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
2"	8"	2 1/4"	.50	370000	\$38.00	\$35.00	320064	\$49.00	\$45.00	370048	\$49.00	\$45.00	370073	\$66.50	\$60.00	370098	\$49.00	\$45.00
2 3/8"	8"	2 1/4"	.45	370001	38.00	35.00	370025	49.00	45.00	370049	49.00	45.00	370074	66.50	60.00	370099	49.00	45.00
2 1/2"	8"	2 1/4"	.45	370002	38.00	35.00	320065	49.00	45.00	370050	49.00	45.00	370075	66.50	60.00	370100	49.00	45.00
2"	12"	1 3/4"	.80	370003	46.50	42.00	370026	66.50	60.00	370051	66.50	60.00	370076	74.00	69.50	370101	66.50	60.00
2 3/8"	12"	1 3/4"	.80	370004	46.50	42.00	370027	66.50	60.00	370052	66.50	60.00	370077	74.00	69.50	370102	66.50	60.00
2 1/2"	12"	1 3/4"	.80	370005	46.50	42.00	370028	66.50	60.00	370053	66.50	60.00	370078	74.00	69.50	370103	66.50	60.00
3"	12"	1 3/4"	.85	370006	46.50	42.00	370029	66.50	60.00	370054	66.50	60.00	370079	74.00	69.50	370104	66.50	60.00
3 1/2"	12"	1 3/4"	.80	370007	46.50	42.00	370030	66.50	60.00	370055	66.50	60.00	370080	74.00	69.50	370105	66.50	60.00
4"	12"	1 3/4"	.75	370008	46.50	42.00	370031	66.50	60.00	370056	66.50	60.00	370081	74.00	69.50	370106	66.50	60.00
4 3/8"	12"	1 3/4"	.75	370009	46.50	42.00	370032	66.50	60.00	370057	66.50	60.00	370082	74.00	69.50	370107	66.50	60.00
5"	12"	1 3/4"	.75	370010	46.50	42.00	370033	66.50	60.00	370058	66.50	60.00	370083	74.00	69.50	370108	66.50	60.00
5 1/2"	12"	1 3/4"	.70	370011	46.50	42.00	370034	66.50	60.00	370059	66.50	60.00	370084	74.00	69.50	370109	66.50	60.00
6"	12"	1 3/4"	.65	370012	46.50	42.00	370035	66.50	60.00	370060	66.50	60.00	370085	74.00	69.50	370110	66.50	60.00
5"	16"	2 3/8"	1.4	370633	80.00	75.00	370634	105.00	95.00	370635	105.00	95.00	370636	120.00	110.00	370637	105.00	95.00
6"	16"	2 3/8"	1.4	370013	80.00	75.00	370036	105.00	95.00	370061	105.00	95.00	370086	120.00	110.00	370111	105.00	95.00
7"	16"	2 3/8"	1.4	370014	80.00	75.00	370037	105.00	95.00	370062	105.00	95.00	370087	120.00	110.00	370112	105.00	95.00
8"	16"	2 3/8"	1.3	370015	80.00	75.00	370038	105.00	95.00	370063	105.00	95.00	370088	120.00	110.00	370113	105.00	95.00
7"	22"	3 5/8"	2.5	370016	163.00	148.00	370039	213.00	196.00	370064	213.00	196.00	370089	231.00	210.00	370114	213.00	196.00
8"	22"	3 5/8"	2.7	370017	163.00	148.00	370040	213.00	196.00	370065	213.00	196.00	370090	231.00	210.00	370115	213.00	196.00
10"	22"	3 5/8"	2.9	370018	163.00	148.00	370041	213.00	196.00	370066	213.00	196.00	370091	231.00	210.00	370116	213.00	196.00
8"	30"	4 1/4"	5.9	370019	390.00	353.00	370042	511.00	468.00	370067	511.00	468.00	370092	531.00	482.00	370117	511.00	468.00
10"	30"	4 1/4"	5.4	370020	390.00	353.00	370043	511.00	468.00	370068	511.00	468.00	370093	531.00	482.00	370118	511.00	468.00
12"	30"	4 1/4"	5.3	370021	390.00	353.00	370044	511.00	468.00	370069	511.00	468.00	370094	531.00	482.00	370119	511.00	468.00
8"	38"	4 3/4"	7.5	370022	1,049.00	931.00	370045	1,189.00	1,069.00	370070	1,189.00	1,069.00	370095	1,283.00	1,157.00	370120	1,189.00	1,069.00
10"	38"	4 3/4"	6.9	370023	1,049.00	931.00	370046	1,189.00	1,069.00	370071	1,189.00	1,069.00	370096	1,283.00	1,157.00	370121	1,189.00	1,069.00
12"	38"	4 3/4"	6.7	370024	1,049.00	931.00	370047	1,189.00	1,069.00	370072	1,189.00	1,069.00	370097	1,283.00	1,157.00	370122	1,189.00	1,069.00



Satin

HIGH PROFILE 'TRUMPET' ALUMINUM FLASH COLLARS

Trumpet collars are generally used with flagpoles where a shoe base is welded to the bottom; however, these collars can be used on standard in-ground mounted flagpoles if a higher profile is desired. Supplied in a standard wall thickness of .060". The chart below contains the combinations most commonly requested.

For other combinations please contact us.

POLE DIA.	OUTSIDE DIA.	HT.	LBS.	SATIN			CLEAR			BRONZE #313			BLACK			WHITE		
				ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
2 3/8"	10"	3 1/2"	1.5	370468	\$76	\$70	370478	\$98	\$87	370488	\$98	\$87	370498	\$112	\$100	370508	\$98	\$87
3"	10"	2 3/4"	1.5	370469	76	70	370479	98	87	370489	98	87	370499	112	100	370509	98	87
3"	16"	5 3/4"	1.5	370470	125	115	370480	159	146	370490	159	146	370500	179	167	370510	159	146
4"	16"	5 3/4"	1.8	370471	125	115	370481	159	146	370491	159	146	370501	179	167	370511	159	146
5"	16"	6 1/4"	1.7	370472	125	115	370482	159	146	370492	159	146	370502	179	167	370512	159	146
6"	16"	7 7/8"	1.7	370473	125	115	370483	159	146	370493	159	146	370503	179	167	370513	159	146
7"	16"	7 7/8"	1.6	370474	125	115	370484	159	146	370494	159	146	370504	179	167	370514	159	146
8"	16"	7 7/8"	1.6	370475	125	115	370485	159	146	370495	159	146	370505	179	167	370515	159	146
10"	22"	8 1/4"	3.3	370476	254	227	370486	294	270	370496	294	270	370506	319	290	370516	294	270
12"	26"	11"	4.9	370477	487	447	370487	559	497	370497	559	497	370507	580	518	370517	559	497

STANDARD PROFILE SPLIT ALUMINUM FLASH COLLARS WITH .060" WALL THICKNESS



A split collar can be useful when replacing or adding a collar to an installed flagpole without removing the pole from the foundation sleeve. The collar is split in half and mounting tabs with screws are installed on the under side of the collar. The quantity and size of the mounting tabs may vary depending on the size of the flash collar ordered.

POLE DIA.	OUTSIDE DIA.	HT.	LBS.	SATIN			CLEAR			BRONZE #313			BLACK			WHITE		
				ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
2"	8"	2¼"	.55	370233	\$179	\$164	370643	\$186	\$183	370281	\$186	\$183	370306	\$202	\$195	370331	\$186	\$183
2¾"	8"	2¼"	.50	370234	179	164	370258	186	183	370282	186	183	370307	202	195	370332	186	183
2½"	8"	2¼"	.50	370235	179	164	370644	186	183	370283	186	183	370308	202	195	370333	186	183
2"	12"	1¾"	.85	370236	182	179	370259	202	195	370284	202	195	370309	208	203	370334	202	195
2¾"	12"	1¾"	.85	370237	182	179	370260	202	195	370285	202	195	370310	208	203	370335	202	195
2½"	12"	1¾"	.85	370238	182	179	370261	202	195	370286	202	195	370311	208	203	370336	202	195
3"	12"	1¾"	.90	370239	182	179	370262	202	195	370287	202	195	370312	208	203	370337	202	195
3½"	12"	1¾"	.85	370240	182	179	370263	202	195	370288	202	195	370313	208	203	370338	202	195
4"	12"	1¾"	.80	370241	182	179	370264	202	195	370289	202	195	370314	208	203	370339	202	195
4¾"	12"	1¾"	.80	370242	182	179	370265	202	195	370290	202	195	370315	208	203	370340	202	195
5"	12"	1¾"	.80	370243	182	179	370266	202	195	370291	202	195	370316	208	203	370341	202	195
5½"	12"	1¾"	.75	370244	182	179	370267	202	195	370292	202	195	370317	208	203	370342	202	195
6"	12"	1¾"	.70	370245	182	179	370268	202	195	370293	202	195	370318	208	203	370343	202	195
5"	16"	2½"	1.9	370645	210	204	370646	239	230	370647	239	230	370648	255	243	370649	239	230
6"	16"	2½"	1.9	370246	210	204	370269	239	230	370294	239	230	370319	255	243	370344	239	230
7"	16"	2½"	1.9	370247	210	204	370270	239	230	370295	239	230	370320	255	243	370345	239	230
8"	16"	2½"	1.8	370248	210	204	370271	239	230	370296	239	230	370321	255	243	370346	239	230
7"	22"	3½"	3.0	370249	311	293	370272	374	355	370297	374	355	370322	383	362	370347	374	355
8"	22"	3½"	3.2	370250	311	293	370273	374	355	370298	374	355	370323	383	362	370348	374	355
10"	22"	3½"	3.4	370251	311	293	370274	374	355	370299	374	355	370324	383	362	370349	374	355
8"	30"	4¼"	6.4	370252	554	510	370275	662	615	370300	662	615	370325	679	632	370350	662	615
10"	30"	4¼"	5.9	370253	554	510	370276	662	615	370301	662	615	370326	679	632	370351	662	615
12"	30"	4¼"	5.8	370254	554	510	370277	662	615	370302	662	615	370327	679	632	370352	662	615
8"	38"	4¾"	8.0	370255	1,238	1,119	370278	1,385	1,262	370303	1,385	1,262	370328	1,483	1,355	370353	1,385	1,262
10"	38"	4¾"	7.4	370256	1,238	1,119	370279	1,385	1,262	370304	1,385	1,262	370329	1,483	1,355	370354	1,385	1,262
12"	38"	4¾"	7.2	370257	1,238	1,119	370280	1,385	1,262	370305	1,385	1,262	370330	1,483	1,355	370355	1,385	1,262

HIGH PROFILE SPLIT 'TRUMPET' ALUMINUM FLASH COLLARS

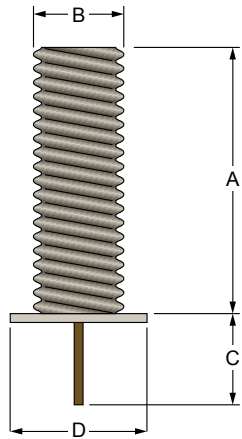


Trumpet collars are generally used with flagpoles where a shoe base is welded to the bottom; however, these collars can be used on standard in-ground mounted flagpoles if a higher profile is desired. A split collar can be useful when replacing or adding a collar to an installed flagpole without removing the pole from the foundation sleeve. The collar is split in half and mounting tabs with screws are installed on the under side of the collar. The quantity and size of the mounting tabs may vary depending on the size of the flash collar ordered. Supplied in a standard wall thickness of .060". The chart below contains the combinations most commonly requested. For other combinations please contact us.

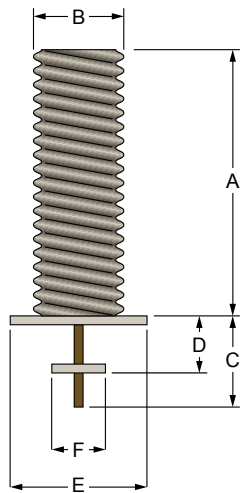
POLE DIA.	OUTSIDE DIA.	HT.	LBS.	SATIN			CLEAR			BRONZE #313			BLACK			WHITE		
				ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
2¾"	10"	3½"	2.0	370518	\$238	\$230	370528	\$270	\$258	370538	\$270	\$258	370548	\$279	\$270	370558	\$270	\$258
3"	10"	2¾"	2.0	370519	238	230	370529	270	258	370539	270	258	370549	279	270	370559	270	258
3"	16"	5¼"	2.0	370520	290	277	370530	328	310	370540	328	310	370550	337	321	370560	328	310
4"	16"	5¼"	2.3	370521	290	277	370531	328	310	370541	328	310	370551	337	321	370561	328	310
5"	16"	6¼"	2.2	370522	290	277	370532	328	310	370542	328	310	370552	337	321	370562	328	310
6"	16"	7⅞"	2.2	370523	290	277	370533	328	310	370543	328	310	370553	337	321	370563	328	310
7"	16"	7⅞"	2.1	370524	290	277	370534	328	310	370544	328	310	370554	337	321	370564	328	310
8"	16"	7⅞"	2.1	370525	290	277	370535	328	310	370545	328	310	370555	337	321	370565	328	310
10"	22"	8¼"	3.8	370526	421	393	370536	475	439	370546	475	439	370556	502	482	370566	475	439
12"	26"	11"	5.4	370527	649	600	370537	728	662	370547	728	662	370557	752	678	370567	728	662

GALVANIZED STEEL FOUNDATION SLEEVES

The most common type of flagpole installation is the in-ground foundation sleeve method which calls for 1' of the flagpole to be encased in the ground sleeve for each 10' of exposed flagpole height. The diameter of the sleeve should be at least 2" greater than the outside diameter of the flagpole with the area between the flagpole and the sleeve filled with dry sand. Sleeves with a 6" diameter are supplied with a base plate and grounding spike. Sleeves with a diameter of greater than 6" are supplied with a base plate, support plate, grounding spike and, for ease of vertical alignment, steel centering structure welded to the inside of the base plate. If you require other sizes than listed or have special on-site conditions please contact us.

**WITH BASE PLATE & GROUND SPIKE**

ITEM #	A	B	C	D	1-5	6+	LBS.
380000	2'	6"	6"	8"	\$143	\$137	20
380002	3'	6"	6"	8"	184	178	24

**WITH BASE PLATE, SUPPORT PLATE, GROUNDING SPIKE & STEEL CENTERING STRUCTURE**

ITEM #	A	B	C	D	E	F	1-5	6+	LBS.
380003	3'	8"	18"	6"	12"	6"	\$260	\$237	30
380004	3-1/2'	8"	18"	6"	12"	6"	266	246	32
380005	3'	10"	18"	6"	16"	8"	280	265	37
380006	3-1/2'	10"	18"	6"	16"	8"	299	285	44
380007	4'	12"	18"	6"	16"	8"	403	385	55
380196	4-1/2'	12"	18"	6"	16"	8"	433	408	60
380008	5'	12"	18"	6"	18"	9"	474	450	70
380009	5'	15"	18"	6"	20"	10"	840	797	86
380010	6'	15"	24"	10"	20"	10"	970	928	122
380011	6'	18"	24"	10"	24"	12"	1,077	1,022	135
380012	7'	15"	24"	12"	24"	12"	1,077	1,022	141
380013	7'	18"	24"	12"	24"	12"	1,249	1,187	156
380014	8'	18"	24"	12"	24"	12"	1,334	1,271	160

PVC SLEEVES

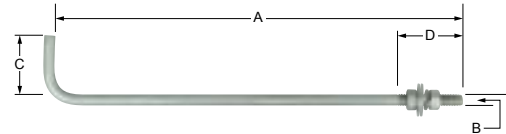
Poles slip into form fit sleeves snugly - no voids to fill with sand. Standard sleeves require wood wedges & sand for a proper installation.



ITEM #	FOR POLE DIA.	LEN.	TYPE	1-5	6+	LBS.
380015	1-3/8"	12"	FORM FIT	\$10.80	\$9.50	.14
380016	1-5/8"	15"	FORM FIT	12.80	11.60	.20
380017	1-3/4"	20"	FORM FIT	14.80	13.50	.26
380018	2"	15"	FORM FIT	19.30	17.20	.25
380020	2"	20"	FORM FIT	20.90	19.30	.34
380021	2-1/2"	30"	FORM FIT	28.00	26.40	1.1
380022	3"	20"	FORM FIT	34.40	32.70	.95
380023	3"-3 1/2"	24"	STANDARD	30.20	28.60	1.6
380024	3"-3 1/2"	30"	STANDARD	41.40	40.10	1.9

GALVANIZED STEEL ANCHOR BOLTS

For Shoe Base Installations



Complete with 2 Hex Nuts, 2 Washers & 1 Lock Washer

ITEM #	A	B	C	D	1-5	6+	LBS.
380037	16"	5/8"	3-1/2"	4"	\$41	\$37	2.4
380038	24"	3/4"	4"	5"	44	40	3.5
380039	36"	1"	4"	6"	79	77	8.4
380040	40"	1"	4"	6"	87	84	9.0
380041	54"	1-1/4"	6"	8"	210	190	29

COPPER CLAD LIGHTNING KIT

Each kit contains 5' long by 1/2" diameter copper clad rod, one 3' long by 1/2" diameter copper wire plus one connecting bracket.

**COMPLETE SET**

ITEM #	1-5	6+	LBS.
380033	\$190	\$170	4.5

WIRE ONLY

ITEM #	PER FOOT	LBS.
380034	\$15.60	.36

5' X 1/2" ROD ONLY

ITEM #	PRICE	LBS.
380035	\$106	1.2

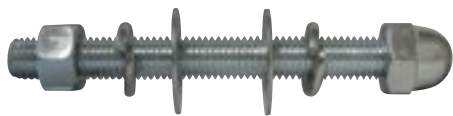
BRACKET ONLY

ITEM #	1-5	6+	LBS.
380036	\$58	\$54	.36

THRU WALL BOLTS

For Mounting Outtrigger & Vertical Wall Mount Brackets

Zinc plated steel complete with one acorn nut, one hex nut, two washers & two lock washers.



ITEM #	SIZE	COLOR	1-5	6+	LBS
380048	5/8" x 6"	SILVER	\$24.50	\$23.50	.75
380049	5/8" x 12"	SILVER	29.00	28.00	1.2
380050	5/8" x 18"	SILVER	29.50	28.00	1.7
380051	5/8" x 24"	SILVER	30.50	28.50	2.1
380052	5/8" x 30"	SILVER	31.50	30.50	2.5
380053	5/8" x 36"	SILVER	35.50	31.00	2.9

MOUNTING BOLTS WITH EXPANSION SHIELDS

For Mounting Outtrigger & Vertical Wall Mount Brackets

Zinc plated steel complete with one acorn nut, one washer & one lock washer.



ITEM #	SIZE	COLOR	1-5	6+	LBS
380103	5/8" x 6"	SILVER	\$28.00	\$26.50	.81



TUNNEL LIGHTS

Sold in sets only – 18" long by 6" diameter aluminum cylinders. Fixtures accept 150 watt flood lamps for up, down or up/down lighting (lamps not included in pricing below). See table below for wiring set-up cost not included in tunnel light pricing.

ADD ON FOR FACTORY SET-UP OF WIRING	POLE TYPE	ACCESS DOOR	PRICE
	EXTERNAL	NO	\$560.00
	EXTERNAL	YES	1,000.00
	INTERNAL	NO	680.00
	INTERNAL	YES	1,260.00

Electrical access doors can only be supplied on 5" and larger diameter poles. Minimum wall thickness .156. For tunnel lights with access door, please allow 8-10 weeks of lead time.

FOR POLE DIA.	LBS	SILVER			CLEAR			BRONZE #313			WHITE			BLACK		
		ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
5" – 7"	18	380112	\$1,670	\$1,510	380119	\$1,920	\$1,720	380126	\$1,920	\$1,720	380133	\$1,920	\$1,720	380140	\$1,920	\$1,720
8" – 12"	18	380116	1,920	1,720	380123	2,090	1,920	380130	2,090	1,920	380137	2,090	1,920	380144	2,090	1,920



TUNNEL LIGHT REPLACEMENT LENS

ITEM #	1-5	6+	LBS
380190	\$240	\$220	.33



OBSTRUCTION (BEACON) LIGHT

This light measures 6" x 4-3/4" and is ideal for taller flagpoles near airports or flight paths. ETL verified to FAA standards. Supplied standard with LED steady-burn bulb; please contact us if flasher unit is required. Set-up of flagpole to accept this lighting fixture can be done at the factory; call for pricing.

MODEL	ITEM #	1-5	6+	LBS.
OL-R	380148	\$650	\$620	2.8



DELUXE LED SOLAR FLAGPOLE LIGHT

This solar-powered flagpole light is ideal for residential flagpoles 15' to 25'

- 200 x 1W ultra brite SMD 2835 LEDs, 1100 lumens
- Two 3.2V 3600 mAh LiFeP04 batteries(7200mAh total)
- 5v 6.2w efficiency monocrystalline solar panels
- IP65 rated water resistant
- Light Dimension is 10" x 10" x 1.5"
- For use with all trucks except for the ST series

Item#	DESCRIPTION	1-5	6+	LBS
380209	SOLAR FLAGPOLE LIGHT	\$126	\$119	1.9

We truly believe in our quality of materials and workmanship; therefore, our tapered aluminum flagpole shafts are covered by a Lifetime Warranty. Specific details on our warranty can be found in the document below.

We are honored to provide you this continued confidence when you are purchasing a commercial flagpole from Eder Flag.



Lifetime Warranty

Eder Flag Lifetime Aluminum Cone Tapered Commercial Flagpole Shaft Warranty

Eder Flag Manufacturing Company warrants for their intended use lifetime that the aluminum tapered flagpole shafts that we manufacture will be made of the best workmanship and free of defects in material at the time of shipment. When materials furnished on this job are used for the purpose intended, we hereby warrant the cone tapered aluminum flagpole shaft(s) shipped after May 1, 2017.

This intended use lifetime warranty extended to the original purchaser covers the aluminum cone tapered flagpole shaft only and does not include any accessories or connecting hardware. The accompanying hardware (with the exception of snaps, rope, ornaments or cable) is warranted for one (1) year from date of purchase.

Items damaged by improper installation and/or grounding, overloading with incorrect flag size, accident, vandalism, vehicular impact or neglect by owner are not covered by this guarantee. This shaft warranty does not include failures with following site conditions: wind induced vibrations and corrosive soils with low (under 5) pH values (Alkaline) or high (over 9) pH values (Acidic).

Guarantee will not be honored if any alterations, modifications, or additions are made to our product unless the latter is approved in writing by Eder Flag Mfg. Co., Inc. No claims for labor, dismantling, transportation, or re-erection will be honored. Eder Flag shall not be liable for any other loss or damage, including but not limited to consequential or liquidated damages, or back charges. Material that needs to be returned will require a written authorization form from our firm, which will include correct shipping instructions. Material returned without return authorization will not be accepted.

This warranty excludes any finishes such as powder coating and anodizing processes.

Eder Flag Manufacturing Company will, at its sole discretion repair, replace or credit original Buyer's account for any product that does not conform to this warranty. Eder Flag makes no other warranties, express or implied, which extend beyond the description on the face hereof.

Eder Flag Mfg. Co., Inc. | 1000 W. Rawson Avenue | Oak Creek, WI 53154
800-558-6044 | Fax 414-764-1039 | www.ederflag.com

The largest company in America that serves as both a flag and flagpole manufacturer.