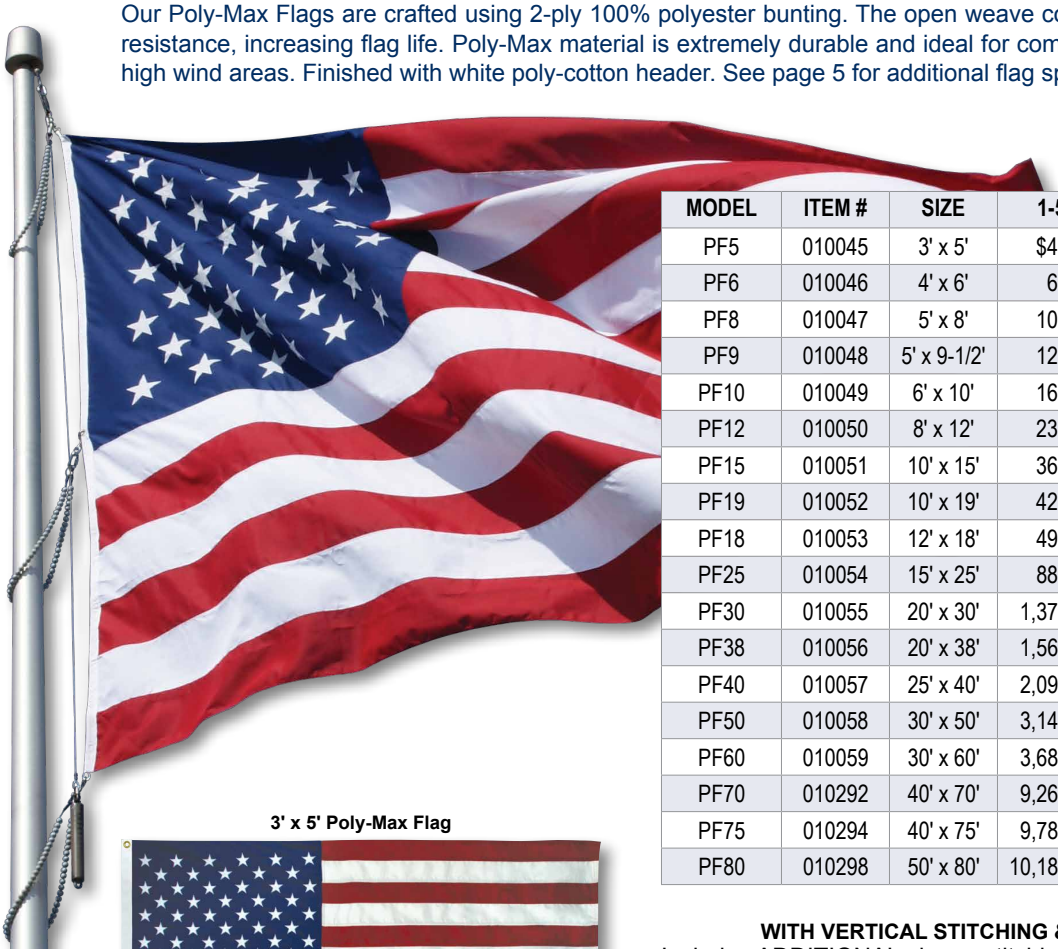
POLY-MAX™ U.S. FLAGS

Our Poly-Max Flags are crafted using 2-ply 100% polyester bunting. The open weave construction reduces wind resistance, increasing flag life. Poly-Max material is extremely durable and ideal for commercial applications and high wind areas. Finished with white poly-cotton header. See page 5 for additional flag specifications.

Made in U.S.A.



MODEL	ITEM #	SIZE	1-5	6-11	12+	LBS.
PF5	010045	3' x 5'	$48.70	$42.20	$40.20	1.0
PF6	010046	4' x 6'	68.20	59.60	56.40	1.5
PF8	010047	5' x 8'	107.80	93.10	87.80	2.2
PF9	010048	5' x 9-1/2'	127.00	114.00	107.00	2.8
PF10	010049	6' x 10'	163.00	142.00	132.00	3.3
PF12	010050	8' x 12'	238.00	234.00	222.00	5.3
PF15	010051	10' x 15'	366.00	363.00	341.00	8.5
PF19	010052	10' x 19'	428.00	418.00	396.00	10.5
PF18	010053	12' x 18'	499.00	488.00	466.00	11.9
PF25	010054	15' x 25'	880.00	860.00	830.00	19.7
PF30	010055	20' x 30'	1,370.00	1,350.00	1,280.00	32.1
PF38	010056	20' x 38'	1,560.00	1,530.00	1,470.00	38
PF40	010057	25' x 40'	2,090.00	2,030.00	2,020.00	50
PF50	010058	30' x 50'	3,140.00	3,080.00	2,960.00	77
PF60	010059	30' x 60'	3,680.00	3,520.00	3,330.00	91
PF70	010292	40' x 70'	9,260.00	9,010.00	8,750.00	143
PF75	010294	40' x 75'	9,780.00	9,520.00	9,270.00	153
PF80	010298	50' x 80'	10,180.00	9,930.00	9,680.00	204

3' x 5' Poly-Max Flag

WITH VERTICAL STITCHING & REINFORCED CORNERS

Includes ADDITIONAL zigzag stitching reinforcement: 4 vertical rows on fly end & zigzag stitching on fly end corners (see illustration on page 4).

MODEL	ITEM #	SIZE	1-5	6-11	12+	LBS.
PF5-VS	010061	3' x 5'	$68.70	$62.20	$60.20	1.0
PF6-VS	010062	4' x 6'	90.20	81.60	78.40	1.4
PF8-VS	010063	5' x 8'	132.80	118.10	112.80	2.3
PF9-VS	010064	5' x 9-1/2'	152.00	139.00	132.00	2.8
PF10-VS	010065	6' x 10'	195.00	174.00	164.00	3.2
PF12-VS	010066	8' x 12'	278.00	274.00	262.00	5.4
PF15-VS	010067	10' x 15'	426.00	423.00	401.00	7.6
PF19-VS	010068	10' x 19'	488.00	478.00	456.00	9.0
PF18-VS	010069	12' x 18'	567.00	556.00	534.00	12
PF25-VS	010070	15' x 25'	960.00	940.00	910.00	19
PF30-VS	010071	20' x 30'	1,470.00	1,450.00	1,380.00	32
PF38-VS	010072	20' x 38'	1,660.00	1,630.00	1,570.00	38
PF40-VS	010073	25' x 40'	2,210.00	2,150.00	2,140.00	50
PF50-VS	010074	30' x 50'	3,290.00	3,230.00	3,110.00	82
PF60-VS	010075	30' x 60'	3,830.00	3,670.00	3,480.00	92
PF70-VS	010293	40' x 70'	9,580.00	9,330.00	9,070.00	143
PF75-VS	010295	40' x 75'	10,100.00	9,840.00	9,590.00	153
PF80-VS	010301	50' x 80'	10,580.00	10,330.00	10,080.00	204

All U.S. outdoor flags on pages 2 through 6 can be combined to achieve the higher quantity pricing.

ENDURA-NYLON™ U.S. FLAGS

Our Endura-Nylon flags are crafted using aniline-dyed 100% heavyweight 200-denier nylon bunting. Endura-Nylon material is fast drying, treated to resist fading and flies in the slightest breeze. Finished with white poly-cotton header. See page 5 for additional flag specifications.

MODEL	ITEM #	SIZE	1-5	6-11	12-35	36+	LBS.
—	010000	12" x 18"	$17.60	$16.50	$13.20	—	.10
—	010001	16" x 24"	21.00	18.90	15.50	—	.16
—	010002	20" x 30"	22.00	19.90	16.50	—	.24
NF3	010003	2' x 3'	23.90	21.70	18.40	—	.30
NF4	010004	2-1/2' x 4'	28.40	25.40	22.00	—	.45
NF5	010005	3' x 5'	39.50	35.30	32.00	29.80	.60
NF6	010006	4' x 6'	48.50	45.20	41.90	40.90	.85
NF8	010007	5' x 8'	76.00	70.50	64.90	62.90	1.3
NF9	010008	5' x 9-1/2'	96.30	80.70	77.10	—	1.5
NF10	010009	6' x 10'	107.00	103.00	95.00	92.00	1.9
NF12	010010	8' x 12'	198.00	191.00	177.00	—	3.1
NF15	010011	10' x 15'	290.00	287.00	275.00	—	5.3
NF19	010012	10' x 19'	324.00	320.00	309.00	—	6.0
NF18	010013	12' x 18'	387.00	385.00	375.00	—	6.8
NF25	010014	15' x 25'	670.00	660.00	620.00	—	11
NF30	010015	20' x 30'	920.00	870.00	800.00	—	17.3
NF38	010016	20' x 38'	1,070.00	1,020.00	920.00	—	20
NF40	010017	25' x 40'	1,480.00	1,470.00	1,460.00	—	28
NF50	010018	30' x 50'	2,110.00	2,100.00	1,980.00	—	41
NF60	010019	30' x 60'	2,480.00	2,410.00	2,240.00	—	48
NF80	010297	50' x 80'	8,890.00	8,400.00	7,560.00	—	119

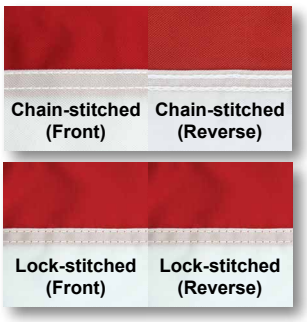
3' x 5' Endura-Nylon Flag

3' x 5' ENDURA-NYLON II U.S. OUTDOOR FLAGS

WITH EMBROIDERED STARS, SEWN STRIPES AND CHAIN-STITCHING

Identical to Endura-Nylon Flag Item #010005, except the stripes are chain-stitched instead of lock-stitched.

ITEM #	1-5	6-11	12-35	36+	LBS.
010262	$29.90	$28.60	$26.50	$25.40	.60



WITH VERTICAL STITCHING & REINFORCED CORNERS

Includes ADDITIONAL zigzag stitching reinforcement: 4 vertical rows on fly end & zigzag stitching on fly end corners (see illustration on page 4).

MODEL	ITEM #	SIZE	1-5	6-11	12-35	36+	LBS.
—	010020	12" x 18"	$27.60	$26.50	$23.20	—	.11
—	010021	16" x 24"	33.00	30.90	27.50	—	.17
—	010022	20" x 30"	36.00	33.90	30.50	—	.21
NF3-VS	010023	2' x 3'	39.90	37.70	34.40	—	.30
NF4-VS	010024	2-1/2' x 4'	45.40	42.40	39.00	—	.45
NF5-VS	010025	3' x 5'	59.50	55.30	52.00	49.80	.60
NF6-VS	010026	4' x 6'	70.50	67.20	63.90	62.90	.83
NF8-VS	010027	5' x 8'	101.00	95.50	89.90	87.90	1.3
NF9-VS	010028	5' x 9-1/2'	121.30	105.70	102.10	—	1.5
NF10-VS	010029	6' x 10'	139.00	135.00	127.00	124.00	1.9
NF12-VS	010030	8' x 12'	238.00	231.00	217.00	—	3.1
NF15-VS	010031	10' x 15'	350.00	347.00	335.00	—	5.2
NF19-VS	010032	10' x 19'	384.00	380.00	369.00	—	5.5
NF18-VS	010033	12' x 18'	455.00	453.00	443.00	—	6.8
NF25-VS	010034	15' x 25'	750.00	740.00	700.00	—	11
NF30-VS	010035	20' x 30'	1,020.00	970.00	900.00	—	17.5
NF38-VS	010036	20' x 38'	1,170.00	1,120.00	1,020.00	—	20
NF40-VS	010037	25' x 40'	1,600.00	1,590.00	1,580.00	—	34
NF50-VS	010038	30' x 50'	2,260.00	2,250.00	2,130.00	—	44
NF60-VS	010039	30' x 60'	2,630.00	2,560.00	2,390.00	—	54
NF80-VS	010305	50' x 80'	9,290.00	8,800.00	7,960.00	—	119

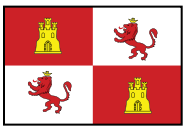
All U.S. outdoor flags on pages 2 through 6 can be combined to achieve the higher quantity pricing.

RAVEN

ITEM #	SIZE	OUTDOOR	1-2	3-5	6+	LBS.
060575	3' x 5'	NYLON	$52.00	$51.50	$51.00	.45

RHODE ISLAND REGIMENT

ITEM #	SIZE	OUTDOOR	1-2	3-5	6+	LBS.
060576	3' x 5'	NYLON	$44.50	$44.00	$43.50	.45

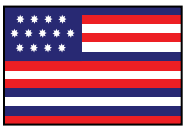


ROYAL STANDARD OF SPAIN

ITEM #	SIZE	MOUNTED	1-11	12-143	144+	LBS.
060462	4" x 6"	E-GLOSS	$3.84	$1.98	$1.80	.03
ITEM #	SIZE	OUTDOOR	1-2	3-5	6+	LBS.
060508	3' x 5'	E-POLY	$21.50	$20.50	$19.50	.27
060577	3' x 5'	NYLON	48.00	47.50	47.00	.45

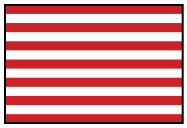
RUSSIAN AMERICAN COMPANY

ITEM #	SIZE	OUTDOOR	1-2	3-5	6+	LBS.
060578	3' x 5'	NYLON	$56.50	$55.50	$54.50	.45



SERAPIS

ITEM #	SIZE	MOUNTED	1-11	12-143	144+	LBS.
060463	4" x 6"	E-GLOSS	$3.84	$1.98	$1.80	.03
ITEM #	SIZE	OUTDOOR	1-2	3-5	6+	LBS.
060579	3' x 5'	NYLON	$44.50	$44.00	$43.50	.45

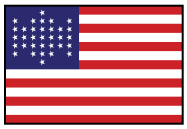


SONS OF LIBERTY

ITEM #	SIZE	OUTDOOR	1-2	3-5	6+	LBS.
060580	3' x 5'	NYLON	$48.00	$47.50	$47.00	.45

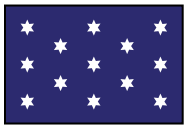
TAUNTON

ITEM #	SIZE	MOUNTED	1-11	12-143	144+	LBS.
060464	4" x 6"	E-GLOSS	$3.84	$1.98	$1.80	.03
ITEM #	SIZE	OUTDOOR	1-2	3-5	6+	LBS.
060581	3' x 5'	NYLON	$44.50	$44.00	$43.50	.45



UNION CIVIL WAR

ITEM #	SIZE	OUTDOOR	1-2	3-5	6+	LBS.
060582	3' x 5'	NYLON	$44.50	$44.00	$43.50	.45



WASHINGTON'S COMMANDER-IN-CHIEF

ITEM #	SIZE	OUTDOOR	1-2	3-5	6+	LBS.
060740	3' x 5'	NYLON	$52.00	$51.50	$51.00	.45

WASHINGTON'S CRUISERS

ITEM #	SIZE	MOUNTED	1-11	12-143	144+	LBS.
060465	4" x 6"	E-GLOSS	$3.84	$1.98	$1.80	.03
ITEM #	SIZE	OUTDOOR	1-2	3-5	6+	LBS.
060584	3' x 5'	NYLON	$48.00	$47.50	$47.00	.45

GADSDEN FLAGS

The Gadsden flag and other rattlesnake flags were widely used during the American Revolution. There was no standard American flag at the time. The Gadsden flag was first used in February 1776. The flag depicts a rattlesnake in the attitude of going to strike with the words 'DONT TREAD ON ME' underneath.

3' x 5' Nylon

ITEM #	SIZE	MOUNTED	1-11	12-143	144+	LBS.
060456	4" x 6"	E-GLOSS	$3.84	$1.98	$1.80	.03
060745	12" x 18"	E-POLY	3.70	3.30	3.10	.08
ITEM #	SIZE	OUTDOOR	1-2	3-5	6+	LBS.
060504	3' x 5'	E-POLY	$21.50	$20.50	$19.50	.27
060566	3' x 5'	NYLON	48.00	47.50	47.00	.45
060742	4' x 6'	NYLON	72.00	—	—	.70
060743	5' x 8'	NYLON	99.00	—	—	1.0
060744	6' x 10'	NYLON	176.00	—	—	1.8

4" x 6" Endura-Gloss

ARMED FORCES INDOOR/PARADE FLAGS

See p.10-11 for mounting sets only and p.66-67 for ornament options. Flags shown with Oak Poles, ABS Spear and Endura Stand.

FLAGS W/ POLE HEM ONLY

ITEM #	SIZE	STYLE	FLAG	1-2	3-5	6+	LBS.
070058	3' x 5'	NYLON	ARMY	$46.50	$45.50	$44.50	.40
070060	3' x 5'	NYLON	MARINE CORPS	46.50	45.50	44.50	.40
070061	3' x 5'	NYLON	NAVY	46.50	45.50	44.50	.40
070057	3' x 5'	NYLON	AIR FORCE	46.50	45.50	44.50	.40
070059	3' x 5'	NYLON	COAST GUARD	46.50	45.50	44.50	.40
070156	3' x 5'	NYLON	POW-MIA	51.00	50.50	50.00	.40

FLAGS W/ POLE HEM AND FRINGE

ITEM #	SIZE	STYLE	FLAG	1-2	3-5	6+	LBS.
070063	3' x 5'	NYLON	ARMY	$62.50	$61.50	$60.50	.60
070065	3' x 5'	NYLON	MARINE CORPS	62.50	61.50	60.50	.60
070066	3' x 5'	NYLON	NAVY	62.50	61.50	60.50	.60
070062	3' x 5'	NYLON	AIR FORCE	62.50	61.50	60.50	.60
070064	3' x 5'	NYLON	COAST GUARD	62.50	61.50	60.50	.60
070151	3' x 5'	NYLON	POW-MIA*	67.00	66.50	66.00	.60

*Silver fringe will be used for POW-MIA flags unless gold is specified.

ARMED FORCES RETIREMENT FLAGS

Endura-Poly™ With White Header & Brass Grommets

MARINE CORPS

NAVY

AIR FORCE

COAST GUARD

ITEM #	SIZE	DESCRIPTION	1-2	3-5	6+	LBS.
070188	3' x 4'	AIR FORCE RETIRED	$17.50	$16.50	$15.50	.32
070190	3' x 5'	COAST GUARD RETIRED	17.50	16.50	15.50	.35
070191	3' x 5'	MARINE CORPS RETIRED	17.50	16.50	15.50	.35
070193	3' x 5'	NAVY RETIRED	17.50	16.50	15.50	.35

ARMY

3' x 5' Nylon

4" x 6" Endura-Gloss

OUTDOOR ARMY FLAGS

ITEM #	SIZE	STYLE	1-2	3-5	6+	LBS.
070006	12" x 18"	NYLON	$15.50	$15.00	$14.50	.10
070023	2' x 3'	NYLON	27.20	26.70	26.20	.25
070053	3' x 5'	NYLON	30.50	29.50	28.50	.45
070068	4' x 6'	NYLON	63.50	62.50	59.50	.70
070083	5' x 8'	NYLON	91.00	90.00	87.00	1.0
070376	6' x 10'	NYLON	214.00	—	—	1.8
070406	3' x 5'	POLY MAX	69.00	66.50	60.00	.65
070001	12" x 18"	E-POLY	8.00	7.50	7.00	.05
070011	2' x 3'	E-POLY	14.40	13.40	12.30	.15
070038	3' x 5'	E-POLY	17.50	16.50	15.50	.35

MOUNTED ARMY FLAGS

ITEM #	SIZE	MATERIAL	STAFF SIZE	STAFF MATERIAL	STAFF COLOR	1-11	12-143	144+	LBS.
070108	4" x 6"	PLASTIC	3/16" x 10"	PLASTIC	GOLD	$0.42	$0.40	$0.36	.02
070113	4" x 6"	E-GLOSS	3/16" x 10"	PLASTIC	BLACK	3.84	1.98	1.80	.03
070412	8" x 12"	E-GLOSS	1/4" x 18"	WOOD	BLACK	8.10	6.90	5.80	.05
070123	12" x 18"	E-POLY	5/16" x 30"	WOOD	NATURAL	4.30	4.10	4.00	.08

MARINE CORPS

3' x 5' Nylon

4" x 6" Endura-Gloss

OUTDOOR MARINE CORPS FLAGS

ITEM #	SIZE	STYLE	1-2	3-5	6+	LBS.
070008	12" x 18"	NYLON	$15.50	$15.00	$14.50	.10
070025	2' x 3'	NYLON	35.80	35.20	34.60	.25
070055	3' x 5'	NYLON	30.50	29.50	28.50	.45
070070	4' x 6'	NYLON	74.00	73.00	72.00	.70
070085	5' x 8'	NYLON	104.00	103.00	101.00	1.0
070378	6' x 10'	NYLON	214.00	—	—	1.8
070408	3' x 5'	POLY MAX	69.00	66.50	60.00	.65
070003	12" x 18"	E-POLY	8.00	7.50	7.00	.05
070012	2' x 3'	E-POLY	14.40	13.40	12.30	.15
070040	3' x 5'	POLY-COTTON	17.50	16.50	15.50	.35

*Officially Licensed Manufacturer for the United States Marine Corps.

MOUNTED MARINE CORPS FLAGS

ITEM #	SIZE	MATERIAL	STAFF SIZE	STAFF MATERIAL	STAFF COLOR	1-11	12-143	144+	LBS.
070115	4" x 6"	E-GLOSS	3/16" x 10"	PLASTIC	BLACK	$3.84	$1.98	$1.80	.03
070411	8" x 12"	E-GLOSS	1/4" x 18"	WOOD	BLACK	8.10	6.90	5.80	.05
070125	12" x 18"	E-POLY	5/16" x 30"	WOOD	NATURAL	4.30	4.10	4.00	.08

NAVY

3' x 5' Nylon

4" x 6" Endura-Gloss

OUTDOOR NAVY FLAGS

ITEM #	SIZE	STYLE	1-2	3-5	6+	LBS.
070009	12" x 18"	NYLON	$15.50	$15.00	$14.50	.10
070026	2' x 3'	NYLON	46.30	45.70	45.00	.25
070056	3' x 5'	NYLON	30.50	29.50	28.50	.45
070071	4' x 6'	NYLON	88.50	87.50	86.50	.70
070086	5' x 8'	NYLON	125.00	124.00	123.00	1.0
070379	6' x 10'	NYLON	214.00	—	—	1.8
070407	3' x 5'	POLY MAX	69.00	66.50	60.00	.65
070004	12" x 18"	E-POLY	8.00	7.50	7.00	.05
070013	2' x 3'	E-POLY	14.40	13.40	12.30	.15
070041	3' x 5'	POLY-COTTON	17.50	16.50	15.50	.35

MOUNTED NAVY FLAGS

ITEM #	SIZE	MATERIAL	STAFF SIZE	STAFF MATERIAL	STAFF COLOR	1-11	12-143	144+	LBS.
070111	4" x 6"	PLASTIC	3/16" x 10"	PLASTIC	GOLD	$0.42	$0.40	$0.36	.02
070116	4" x 6"	E-GLOSS	3/16" x 10"	PLASTIC	BLACK	3.84	1.98	1.80	.03
070413	8" x 12"	E-GLOSS	1/4" x 18"	WOOD	BLACK	8.10	6.90	5.80	.05
070126	12" x 18"	E-POLY	5/16" x 30"	WOOD	NATURAL	4.30	4.10	4.00	.08

AIR FORCE

3' x 5' Nylon

4" x 6" Endura-Gloss

OUTDOOR AIR FORCE FLAGS

ITEM #	SIZE	STYLE	1-2	3-5	6+	LBS.
070005	12" x 18"	NYLON	$15.50	$15.00	$14.50	.10
070022	2' x 3'	NYLON	39.80	39.30	38.70	.25
070052	3' x 5'	NYLON	30.50	29.50	28.50	.45
070067	4' x 6'	NYLON	80.00	79.00	77.50	.70
070082	5' x 8'	NYLON	110.00	109.00	108.00	1.0
070375	6' x 10'	NYLON	214.00	—	—	1.8
070409	3' x 5'	POLY MAX	69.00	66.50	60.00	.65
070000	12" x 18"	E-POLY	8.00	7.50	7.00	.05
070010	2' x 3'	E-POLY	14.40	13.40	12.30	.15
070037	3' x 5'	E-POLY	17.50	16.50	15.50	.35

MOUNTED AIR FORCE FLAGS

ITEM #	SIZE	MATERIAL	STAFF SIZE	STAFF MATERIAL	STAFF COLOR	1-11	12-143	144+	LBS.
070107	4" x 6"	PLASTIC	3/16" x 10"	PLASTIC	GOLD	$0.42	$0.40	$0.36	.02
070112	4" x 6"	E-GLOSS	3/16" x 10"	PLASTIC	BLACK	3.84	1.98	1.80	.03
070414	8" x 12"	E-GLOSS	1/4" x 18"	WOOD	BLACK	8.10	6.90	5.80	.05
070122	12" x 18"	E-POLY	5/16" x 30"	WOOD	NATURAL	4.30	4.10	4.00	.08

COAST GUARD

3' x 5' Nylon

4" x 6" Endura-Gloss

OUTDOOR COAST GUARD FLAGS

ITEM #	SIZE	STYLE	1-2	3-5	6+	LBS.
070007	12" x 18"	NYLON	$15.50	$15.00	$14.50	.10
070024	2' x 3'	NYLON	27.20	26.70	26.20	.25
070054	3' x 5'	NYLON	30.50	29.50	28.50	.45
070069	4' x 6'	NYLON	63.50	62.50	59.50	.70
070084	5' x 8'	NYLON	91.00	90.00	87.00	1.0
070377	6' x 10'	NYLON	214.00	—	—	1.8
070410	3' x 5'	POLY MAX	69.00	66.50	60.00	.65
070002	12" x 18"	E-POLY	8.00	7.50	7.00	.05
070039	3' x 5'	E-POLY	17.50	16.50	15.50	.35

MOUNTED COAST GUARD FLAGS

ITEM #	SIZE	MATERIAL	STAFF SIZE	STAFF MATERIAL	STAFF COLOR	1-11	12-143	144+	LBS.
070109	4" x 6"	PLASTIC	3/16" x 10"	PLASTIC	GOLD	$0.42	$0.40	$0.36	.02
070114	4" x 6"	E-GLOSS	3/16" x 10"	PLASTIC	BLACK	3.84	1.98	1.80	.03
070415	8" x 12"	E-GLOSS	1/4" x 18"	WOOD	BLACK	8.10	6.90	5.80	.05
070124	12" x 18"	E-POLY	5/16" x 30"	WOOD	NATURAL	4.30	4.10	4.00	.08

MOUNTED ARMED FORCES FLAG SET

Priced Per Set

Includes 6 Mounted Flags (United States, Army, Marine Corps, Navy, Air Force, Coast Guard) and Black Plastic Table Base

ITEM #	MATERIAL	1-11	12+	LBS.
070132	E-GLOSS	$15.00	$14.00	.25

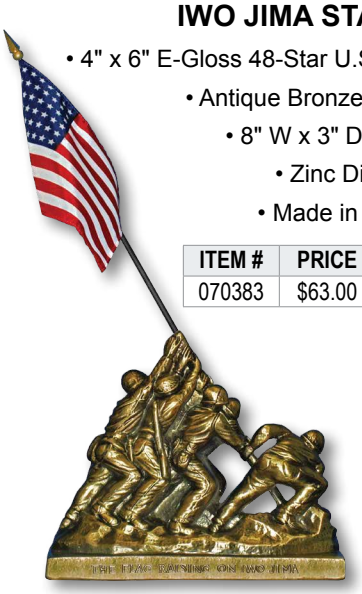
INDIVIDUALLY BOXED FLAGS (OPTIONAL)

See table of contents in front for details.

IWO JIMA STATUE

- 4" x 6" E-Gloss 48-Star U.S. Flag
- Antique Bronze Finish
- 8" W x 3" D x 7" H
- Zinc Die Cast
- Made in U.S.A.

ITEM #	PRICE	LBS.
070383	$63.00	4.3



POW-MIA

3' x 5' Nylon

OUTDOOR POW-MIA FLAGS (SINGLE FACE)

With Canvas Header & Brass Grommets

FRONT SIDE

BACK SIDE

ITEM #	SIZE	STYLE	1-2	3-5	6+	LBS.
070136	12" x 18"	NYLON	$15.50	$15.00	$14.50	.10
070138	2' x 3'	NYLON	24.00	22.90	21.90	.25
070140	3' x 5'	NYLON	35.00	34.50	34.00	.45
070141	4' x 6'	NYLON	53.50	53.00	52.50	.70
070142	5' x 8'	NYLON	87.00	86.00	84.00	1.0
070143	6' x 10'	NYLON	127.00	125.00	124.00	1.7
070423	8' x 12'	NYLON	224.00	203.00	193.00	3.2
070399	3' x 5'	POLY MAX	44.00	43.00	40.50	.65
070400	4' x 6'	POLY MAX	70.00	69.00	66.50	.95
070401	5' x 8'	POLY MAX	123.00	122.00	121.00	1.5
070135	12" x 18"	E-POLY	7.60	7.20	6.90	.05
070137	2' x 3'	E-POLY	14.40	13.40	12.30	.15
070139	3' x 5'	POLY-COTTON	21.50	20.50	19.50	.35

OUTDOOR POW-MIA FLAGS (DOUBLE FACE)

With Canvas Header & Brass Grommets

FRONT SIDE

BACK SIDE

ITEM #	SIZE	STYLE	1-2	3-5	6+	LBS.
070144	12" x 18"	NYLON	$32.50	$31.50	$30.50	.17
070145	2' x 3'	NYLON	34.20	33.10	31.00	.35
070146	3' x 5'	NYLON	58.00	57.00	55.50	.60
070147	4' x 6'	NYLON	69.00	68.00	66.50	1.0
070148	5' x 8'	NYLON	122.00	121.00	120.00	1.5
070149	6' x 10'	NYLON	155.00	154.00	153.00	2.2
070424	8' x 12'	NYLON	289.00	277.00	267.00	3.9
070403	3' x 5'	POLY MAX	75.00	74.00	73.00	1.2
070404	4' x 6'	POLY MAX	92.00	90.50	89.50	1.8
070405	5' x 8'	POLY MAX	173.00	172.00	171.00	2.5

See page 16 for pricing add-ons for pole hem & fringe flags and pole hem only flags.
Silver fringe will be used for POW-MIA flags unless gold is specified.

MOUNTED POW-MIA FLAGS

4" x 6" Endura-Gloss

ITEM #	SIZE	STYLE	STAFF SIZE	STAFF MATERIAL	STAFF COLOR	SPEAR	1-11	12-143	144+	LBS.
070170	4" x 6"	E-GLOSS	3/16" x 10"	PLASTIC	BLACK	GOLD	$3.84	$1.98	$1.80	.03
070171	4" x 6"	LIGHTWEIGHT COTTON	3/16" x 10"	WOOD	NATURAL	GOLD	1.16	1.04	0.94	.02
070172	4" x 6"	NO-FRAY COTTON	3/16" x 10"	WOOD	NATURAL	GOLD	0.94	0.84	0.64	.02
070416	8" x 12"	E-GLOSS	1/4" x 18"	WOOD	BLACK	GOLD	8.10	6.90	5.80	.05
070174	12" x 18"	E-POLY	5/16" x 30"	WOOD	NATURAL	GOLD	4.30	4.10	4.00	.08
070351	4" x 6"	NO-FRAY COTTON	3/16" x 10"	WOOD	NATURAL	NONE	0.96	0.76	0.44*	.02

*1440+ QTY $.34 each

POW-MIA AUTO WINDOW FLAG

Comes complete with 11" x 13" polyester flag. Supplied with 1-piece plastic bracket.

ITEM #	1-5	6-11	12-23	24+	LBS.
070384	$19.50	$18.50	$17.50	$16.50	.28

POW-MIA AERIAL FLAGS

4" x 6" cotton flag with plastic mounting clip.

ITEM #	DESCRIPTION	1-11	12+	LBS.
070186	FRINGED	$6.34	$6.04	.17
070187	UNFRINGED	3.34	3.04	.02

FULLY SEWN BLUE STAR SERVICE BANNERS

To honor those serving in the Armed Forces. These banners are fully sewn reading correct on one side and come complete with gold fringed bottom, wood dowel with spear ends, gold hanging cord and suction cup. Please contact us for pricing on Gold Star Service Banners in other sizes.

	1 STAR				2 STAR				3 STAR				4 STAR			
SIZE	ITEM #	1-11	12+	LBS.	ITEM #	1-11	12+	LBS.	ITEM #	1-11	12+	LBS.	ITEM #	1-11	12+	LBS.
8" x 12"	070363	$17.60	$16.50	.15	070366	$19.80	$18.80	.17	070369	$21.90	$20.90	.19	070372	$24.00	$22.90	.21
10" x 14"	070364	25.70	24.70	.18	070367	27.70	26.70	.20	070370	29.80	28.80	.22	070373	31.90	30.80	.24
12" x 18"	070365	31.00	30.00	.20	070368	33.10	32.10	.22	070371	35.30	34.20	.24	070374	37.40	36.40	.26

Honor and Remember flags show support for all the American lives lost in the defense of Freedom.

OUTDOOR HONOR & REMEMBER FLAG

- **The Red Field** represents the blood spilled by brave men and women in America's military throughout our history, who willingly gave their lives so that we all would remain free.
- **The Blue Star** represents active service in military conflict. This symbol originated with World War I, but on this flag it signifies service through all generations from the American Revolution to present day.
- **The White Border** beneath and surrounding the gold star recognizes the purity of sacrifice. There is no greater price an American can pay than to give his or her life in service to our country.
- **The Gold Star** signifies the ultimate sacrifice of a warrior in active service who will not return home. Gold reflects the value of the life that was given.
- **The Folded Flag** signifies the final tribute to an individual life that a family sacrificed and gave to the nation.
- **The Flame** is an eternal reminder of the spirit that has departed this life yet burns on in the memory of all who knew and loved the fallen hero.

ITEM #	SIZE	PRICE	LBS.
070475	3' x 5'	$52.00	.45

YELLOW RIBBON FLAG

Nylon With Canvas Header & Brass Grommets

Yellow Ribbon Flags flags are a symbol of support for our military men and women serving our country overseas.

ITEM #	SIZE	1-2	3-5	6+	LBS.
070324	3' x 5'	$45.50	$44.50	$43.50	.45

3' x 5' Nylon

4" x 6" E-Gloss

- Outdoor flags supplied with canvas header & brass grommets. • 4" x 6" mounted on 3/16" x 10" black plastic staff with gold spear. • 12" x 18" mounted on 5/16" x 30" natural wood staff with gold spear.

MERCHANT MARINE FLAGS

ITEM #	SIZE	STYLE	1-2	3-5	6+	LBS.
070385	12" x 18"	NYLON O/D	$15.50	$15.00	$14.50	.10
070386	2' x 3'	NYLON O/D	39.80	39.30	38.70	.25
070387	3' x 5'	NYLON O/D	58.50	56.50	55.50	.45
070388	4' x 6'	NYLON O/D	80.00	79.00	77.50	.70
070389	5' x 8'	NYLON O/D	110.00	109.00	108.00	1.0
070192	3' x 5'	E-POLY O/D	17.50	16.50	15.50	.32
ITEM #	**SIZE**	**STYLE**	**1-11**	**12-143**	**144+**	**LBS.**
070380	4" x 6"	E-GLOSS MTD	$3.84	$1.98	$1.80	.03
070381	12" x 18"	E-POLY MTD	4.30	4.10	4.00	.08

WORLD WAR II

KOREAN WAR

VIETNAM

OUTDOOR VETERANS COMMEMORATIVE FLAGS

Nylon With Canvas Header & Brass Grommets

ITEM #	SIZE	DESCRIPTION	1-2	3-5	6+	LBS.
070238	3' x 4'	WORLD WAR II	$88.50	$87.50	$86.50	.43
070239	3' x 5'	KOREAN WAR	88.50	87.50	86.50	.45
070240	3' x 5'	VIETNAM	88.50	87.50	86.50	.45

3' x 5' MISCELLANEOUS MILITARY FLAGS

Endura-Poly™ w/ White Header & Brass Grommets

1-5	6-11	12+	LBS.
$21.50	$20.50	$19.50	.27

AIRBORNE 070253

BLUE ANGELS 070254

CAMO AIRBORNE 070255

82nd AIRBORNE 070256

1st CAVALRY DIVISION 070257

101st AIRBORNE 070258

SEABEES 070259

THUNDER-BIRDS 070260

U.S. NAVY SEALS 070261

VIETNAM INSIGNIA 070262

EMS

ITEM #	SIZE	STYLE	1-2	3-5	6+	LBS.
070287	3' x 5'	NYLON O/D	$45.50	$44.50	$43.50	.45

FIRE DEPARTMENT

ITEM #	SIZE	STYLE	1-2	3-5	6+	LBS.
070283	3' x 5'	NYLON O/D	$45.50	$44.50	$43.50	.45

FIRE RESCUE

ITEM #	SIZE	STYLE	1-2	3-5	6+	LBS.
070286	3' x 5'	NYLON O/D	$45.50	$44.50	$43.50	.45

FIREFIGHTERS

ITEM #	SIZE	STYLE	1-2	3-5	6+	LBS.
070284	3' x 5'	NYLON O/D	$45.50	$44.50	$43.50	.45

FIREMAN MOURNING

ITEM #	SIZE	STYLE	1-2	3-5	6+	LBS.
070312	3' x 5'	NYLON O/D	$45.50	$44.50	$43.50	.45

FIREMAN REMEMBRANCE

ITEM #	SIZE	STYLE	1-2	3-5	6+	LBS.
070322	3' x 5'	NYLON O/D	$49.50	$48.50	$47.50	.45

NEW

THIN RED LINE

ITEM #	SIZE	STYLE	1-2	3-5	6+	LBS.
070479	2' x 3'	NYLON O/D	$19.00	$18.50	$18.00	.25
070477	3' x 5'	NYLON O/D	24.00	23.50	23.00	.45

FIREMEN

Poly-Cotton Flag is Mounted on a 3/8" x 30" Natural Wood Staff with Gold Spear

ITEM #	SIZE	OUTDOOR	1-2	3-5	6+	LBS.
070285	3' x 5'	NYLON	$45.50	$44.50	$43.50	.45
ITEM #	**SIZE**	**MOUNTED**	**1-11**	**12-143**	**144+**	**LBS.**
070310	12" x 18"	POLY-COTTON	$4.30	$4.10	$4.00	.08

POLICE MOURNING

ITEM #	SIZE	STYLE	1-2	3-5	6+	LBS.
070313	3' x 5'	NYLON O/D	$45.50	$44.50	$43.50	.45

POLICE REMEMBRANCE

ITEM #	SIZE	STYLE	1-2	3-5	6+	LBS.
070323	3' x 5'	NYLON O/D	$49.50	$48.50	$47.50	.45

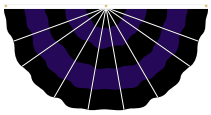
THIN BLUE LINE

ITEM #	SIZE	STYLE	1-2	3-5	6+	LBS.
070478	2' x 3'	NYLON O/D	$19.00	$18.50	$18.00	.25
070474	3' x 5'	NYLON O/D	24.00	23.50	23.00	.45

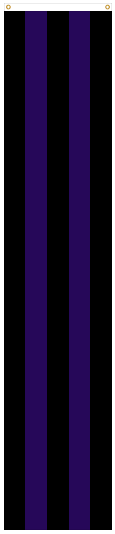
STAR OF LIFE

ITEM #	SIZE	STYLE	1-2	3-5	6+	LBS.
070288	3' x 5'	NYLON O/D	$45.50	$44.50	$43.50	.45

NYLON MOURNING FAN



ITEM #	SIZE	PRICE	LBS.
070318	3' x 6'	$42.50	.45



20" x 8'

NYLON MOURNING PULLDOWNS

ITEM #	SIZE	PRICE	LBS.
070319	20" x 8'	$24.50	.50
070320	20" x 10'	27.50	.60
070321	20" x 12'	30.00	.65

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

BRONZE #311 (LIGHT)

BRONZE #312 (MEDIUM)

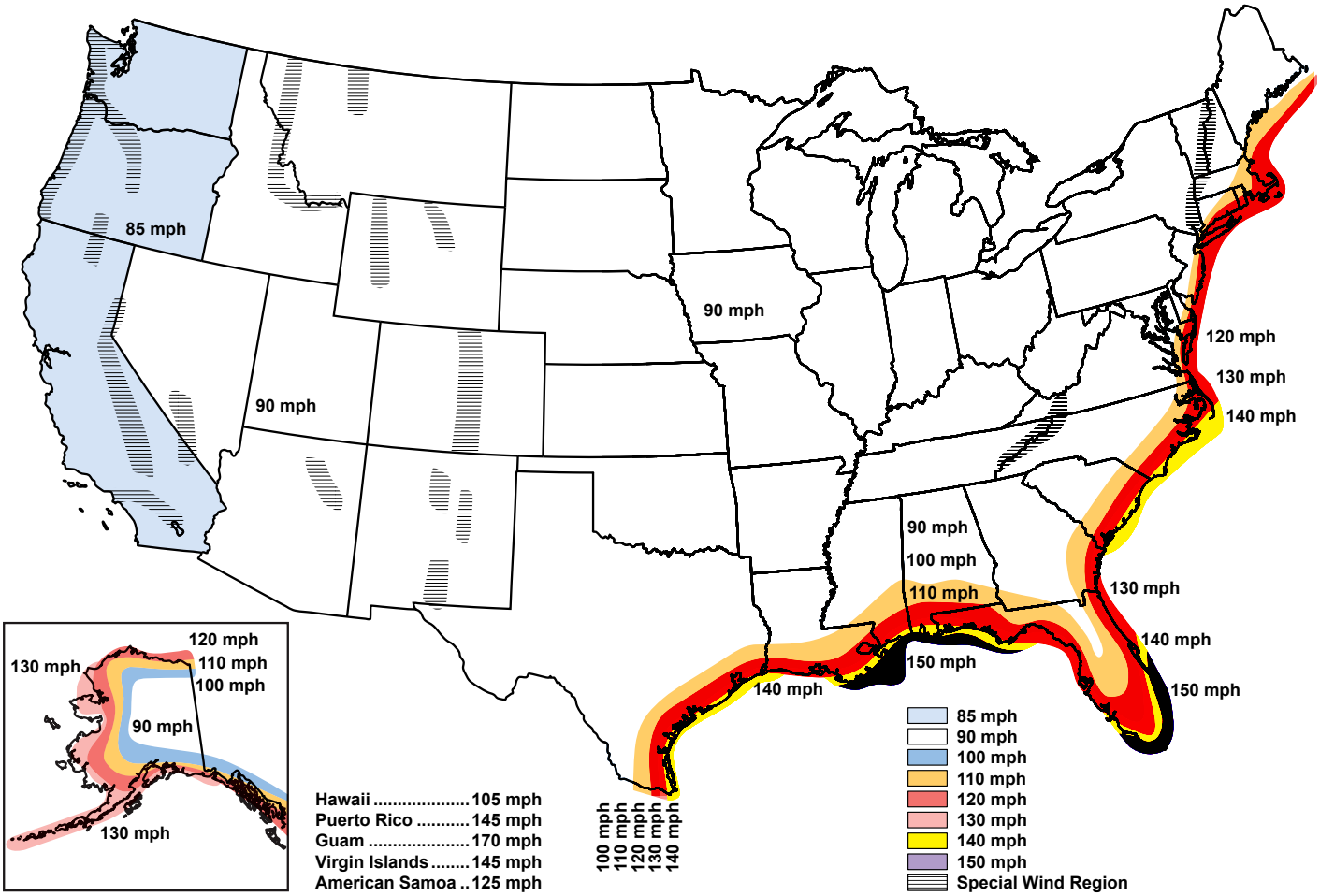
BRONZE #313 (DARK)

BLACK (#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.

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.

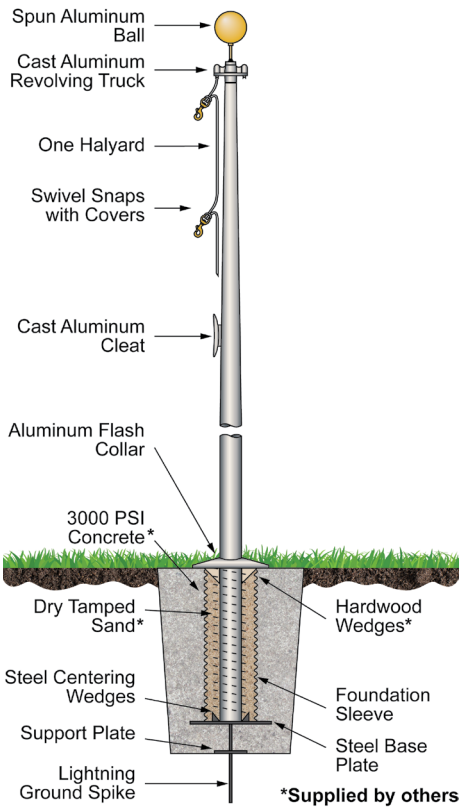
ARCHITECTURAL SERIES

External Halyard Ground Set Cone Tapered Aluminum Flagpoles

STANDARD ACCESSORIES

- Gold anodized aluminum ball ornament
- Cast aluminum revolving truck w/pulley
- Solid braided polypropylene 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	$1,460	$1,380	$1,310
EC25	320114	1,830	1,770	1,670
EC30	320115	2,060	1,980	1,840
EC35	320116	2,760	2,600	2,470
EC40	320117	3,560	3,420	3,250
EC45	320118	4,020	3,820	3,620
EC50	320119	5,430	5,180	4,920
EC60	320120	10,550	10,010	9,500
EC70	320121	11,880	11,290	10,690
EC80	320122	14,820	14,210	13,450

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
EC20	320123	$1,740	$1,670	$1,570
EC25	320124	2,200	2,070	1,980
EC30	320125	2,460	2,350	2,200
EC35	320126	3,280	3,140	2,940
EC40	320127	4,260	4,050	3,820
EC45	320128	4,730	4,480	4,240
EC50	320129	6,610	6,290	5,940
EC60	320130	11,880	11,270	10,680
EC70	320131	13,400	12,740	12,070
EC80	320132	16,990	16,120	15,300

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
EC20	320133	$1,770	$1,710	$1,600
EC25	320134	2,230	2,150	2,020
EC30	320135	2,530	2,400	2,270
EC35	320136	3,380	3,200	3,020
EC40	320137	4,380	4,170	3,940
EC45	320138	4,870	4,610	4,380
EC50	320139	6,810	6,490	6,130
EC60	320140	12,160	11,550	10,930
EC70	320141	13,740	13,030	12,330
EC80	320142	17,330	16,470	15,550

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
EC20	320143	$1,860	$1,760	$1,660
EC25	320144	2,370	2,260	2,140
EC30	320145	2,690	2,550	2,410
EC35	320146	3,540	3,360	3,170
EC40	320147	4,610	4,380	4,150
EC45	320148	5,130	4,880	4,610
EC50	320149	7,190	6,800	6,460
EC60	320150	12,600	11,960	11,320
EC70	320151	14,270	13,520	12,830
EC80	320152	17,940	17,070	16,130

Add $40.00 to any of the flagpole pricing above for double-cleat/double-halyard flagpoles.

All poles on pages 139 through 157 can be mixed to achieve the higher quantity pricing, but shipment must be made to the same location at the same time.

HURRICANE SERIES FLAGPOLES

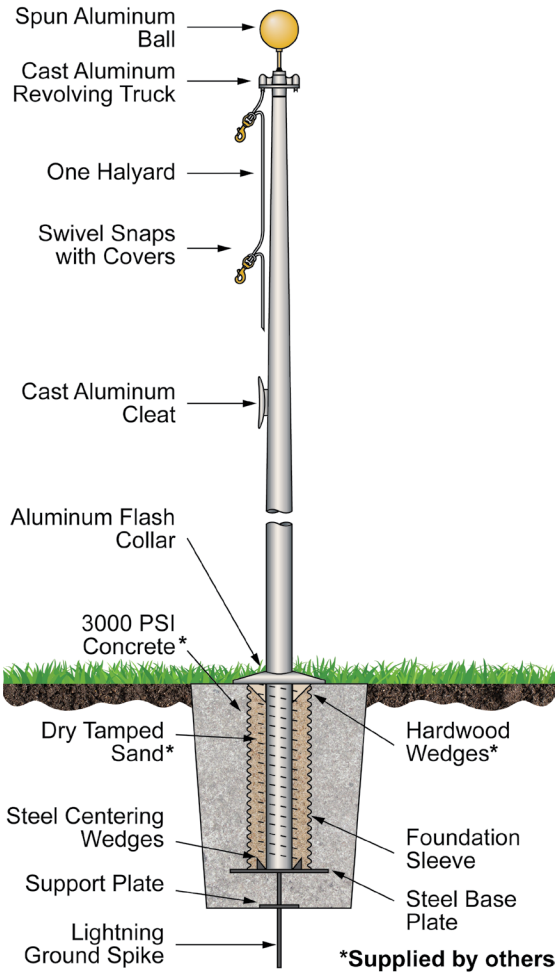
External Halyard Ground Set Cone Tapered Aluminum Flagpoles

STANDARD EXTERNAL POLE ACCESSORIES

- Gold anodized aluminum ball ornament
- Cast aluminum revolving truck w/pulley
- Solid braided polypropylene 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	$2,480	$2,360	$2,270
ECH30	324118	3,400	3,250	3,110
ECH35	324119	3,800	3,620	3,480
ECH40	324120	4,410	4,210	4,050
ECH50	324121	8,250	7,940	7,610

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECH25	324122	$2,790	$2,680	$2,520
ECH30	324123	3,820	3,640	3,510
ECH35	324124	4,370	4,170	4,020
ECH40	324125	5,100	4,900	4,720
ECH50	324126	9,270	8,910	8,550

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECH25	324127	$2,910	$2,790	$2,680
ECH30	324128	3,910	3,740	3,590
ECH35	324129	4,550	4,380	4,180
ECH40	324130	5,270	5,070	4,870
ECH50	324131	9,590	9,230	8,840

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECH25	324132	$3,040	$2,930	$2,810
ECH30	324133	4,060	3,930	3,740
ECH35	324134	4,810	4,610	4,450
ECH40	324135	5,580	5,330	5,140
ECH50	324136	10,010	9,630	9,240

Add $40.00 to any of the flagpole pricing above for double-cleat/double-halyard flagpoles.
All poles on pages 139 through 157 can be mixed to achieve the higher quantity pricing, but shipment must be made to the same location at the same time.

HURRICANE SERIES FLAGPOLES - WITH M-WINCH

Internal Halyard Ground Set Cone Tapered Aluminum Flagpoles

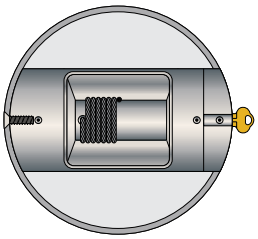
These internal halyard flagpoles contain a winch mounted inside the flagpole shaft, operable only with a removable crank handle. As the stainless steel cable unwinds from the winch, it passes up through the inside of the flagpole shaft, over the truck sheave to the outside of the shaft, where the retainer 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 and this winch system is easily adaptable to existing on-site flagpoles.

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 p.162-163 for optional ornament selections

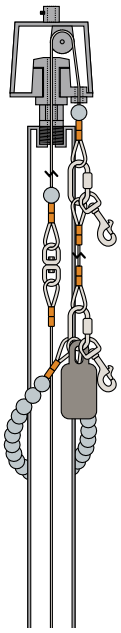
MODEL	EXPOSED HEIGHT	OVERALL LENGTH	# OF SECTIONS	BUTT DIA.	TOP DIA.	WALL	UNFLAGGED MAX. WIND SPEED	FLAGGED MAX. WIND SPEED	SUGGESTED FLAG SIZE	SHIPPING WEIGHT
ECH25	25'	27'	1	6"	3-1/2"	.250	255 MPH	150+ MPH	4' x 6'	243 lbs.
ECH30	30'	33'	2	6"	3-1/2"	.250	241 MPH	150+ MPH	5' x 8'	322 lbs.
ECH35	35'	38-1/2'	2	8"	3-1/2"	.250	255 MPH	150 MPH	6' x 10'	361 lbs.
ECH40	40'	44'	2	8"	3-1/2"	.250	231 MPH	150 MPH	8' x 12'	419 lbs.
ECH50	50'	55'	3	10"	4"	.312	230 MPH	150 MPH	10' x 15'	686 lbs.

M-WINCH DETAIL

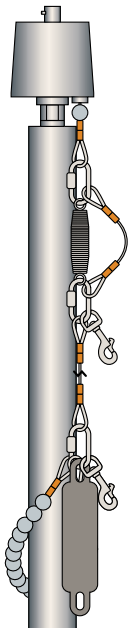


No welding required, thus
no discoloration when anodized.
No monthly lubrication needed.

20' – 35' POLES



40' – 80' POLES



SATIN

MODEL	ITEM #	1-2	3-6	7+
ECH25IH	324137	$4,070	$3,920	$3,780
ECH30IH	324138	5,060	4,860	4,660
ECH35IH	324139	5,520	5,290	5,090
ECH40IH	324140	6,300	6,050	5,800
ECH50IH	324141	10,320	9,900	9,500

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECH25IH	324142	$4,390	$4,210	$4,040
ECH30IH	324143	5,480	5,270	5,060
ECH35IH	324144	6,100	5,850	5,620
ECH40IH	324145	7,000	6,720	6,450
ECH50IH	324146	11,350	10,900	10,450

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECH25IH	324147	$4,510	$4,350	$4,140
ECH30IH	324148	5,580	5,330	5,140
ECH35IH	324149	6,270	6,040	5,780
ECH40IH	324150	7,190	6,900	6,640
ECH50IH	324151	11,640	11,200	10,730

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECH25IH	324152	$4,650	$4,470	$4,290
ECH30IH	324153	5,750	5,530	5,300
ECH35IH	324154	6,540	6,280	6,040
ECH40IH	324155	7,490	7,200	6,890
ECH50IH	324156	12,070	11,600	11,130

All poles on pages 139 through 157 can be mixed to achieve the higher quantity pricing, but shipment must be made to the same location at the same time.

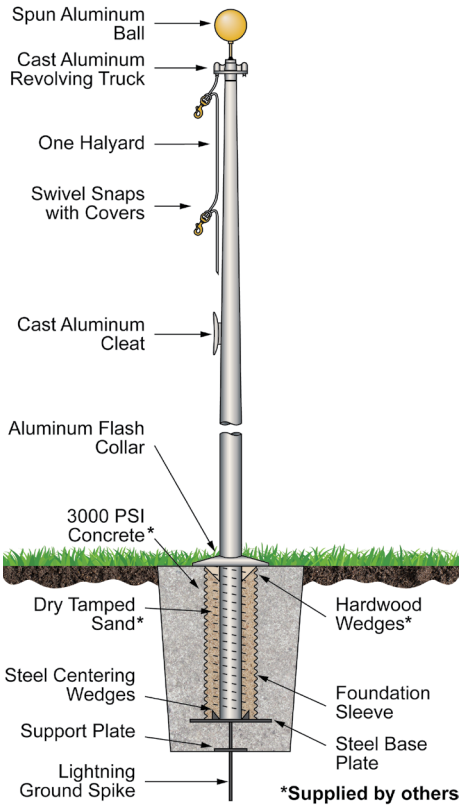
ECONOMY EXTRA SERIES

External Halyard Ground Set Cone Tapered Aluminum Flagpoles

STANDARD ACCESSORIES

- Gold anodized aluminum ball ornament
- Cast aluminum revolving truck w/pulley
- Solid braided polypropylene 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	$1,150	$1,100	$1,010
ECX25	320194	1,210	1,150	1,090
ECX30	320195	1,350	1,300	1,210
ECX35	320196	2,080	1,980	1,830
ECX40	320197	3,050	2,900	2,740
ECX50	320198	4,320	4,090	3,870
ECX60	320199	6,270	6,070	5,640
ECX70	320200	10,070	9,560	9,050

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECX20	320201	$1,390	$1,320	$1,260
ECX25	320202	1,500	1,420	1,320
ECX30	320203	1,690	1,620	1,560
ECX35	320204	2,520	2,390	2,260
ECX40	320205	3,580	3,430	3,230
ECX50	320206	5,110	4,860	4,600
ECX60	320207	7,410	7,040	6,670
ECX70	320208	11,530	10,950	10,350

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECX20	320209	$1,430	$1,350	$1,290
ECX25	320210	1,540	1,460	1,360
ECX30	320211	1,710	1,650	1,540
ECX35	320212	2,580	2,450	2,300
ECX40	320213	3,730	3,530	3,350
ECX50	320214	5,280	5,000	4,740
ECX60	320215	7,660	7,280	6,870
ECX70	320216	11,780	11,190	10,610

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECX20	320217	$1,510	$1,420	$1,330
ECX25	320218	1,640	1,550	1,430
ECX30	320219	1,830	1,760	1,660
ECX35	320220	2,750	2,600	2,450
ECX40	320221	3,900	3,710	3,470
ECX50	320222	5,510	5,240	4,970
ECX60	320223	8,030	7,640	7,230
ECX70	320224	12,230	11,630	11,000

Add $40.00 to any of the flagpole pricing above for double-cleat/double-halyard flagpoles.

All poles on pages 139 through 157 can be mixed to achieve the higher quantity pricing, but shipment must be made to the same location at the same time.

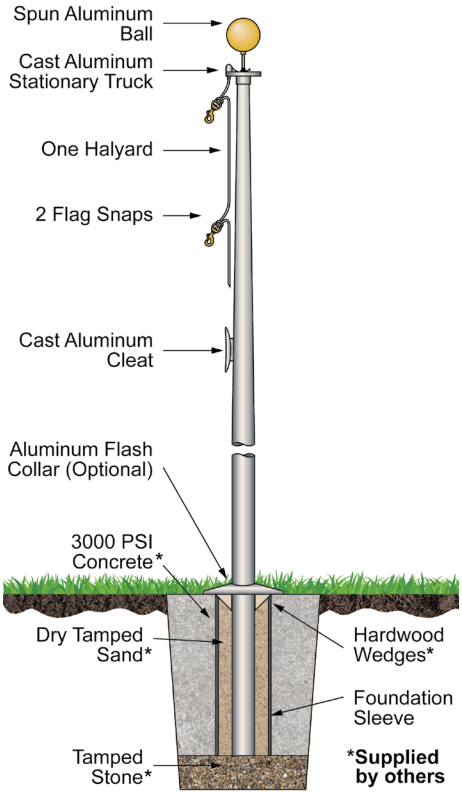
SPECIAL BUDGET SERIES

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 polypropylene halyard
- Cast aluminum cleat with mounting screws
- Swivel flag snaps w/vinyl covers on poles with a 3-1/2", 4" or 5" butt diameter; nylon flag snaps on poles with a 2-3/8" or 3" butt diameter
- 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
ECM15	15'	17'	1	2-3/8"	1-7/8"	.140	145 MPH	101 MPH	3' x 5'	44 lbs.
ECM20	20'	22'	1	2-3/8"	1-7/8"	.140	101 MPH	76 MPH	3' x 5'	52 lbs.
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	50 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.



ECS30 & ECS35 come with corrugated Steel Sleeve with Lightning Spike

*** 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+
ECM15	320257	$550	$510	$490
ECM20	320258	580	560	510
ECSS15	320259	420	400	360
ECSS20	320260	490	470	450
ECSS25	320261	580	550	510
ECS20	320262	710	670	600
ECS25	320263	800	770	730
ECS30	320264	890	850	780
ECS35	320265	1,370	1,320	1,240

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECM15	320266	$700	$660	$590
ECM20	320267	740	720	680
ECSS15	320268	540	500	480
ECSS20	320269	640	600	570
ECSS25	320270	770	730	700
ECS20	320271	890	860	790
ECS25	320272	1,030	980	910
ECS30	320273	1,160	1,100	1,030
ECS35	320274	1,720	1,660	1,570

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECM15	320275	$720	$680	$600
ECM20	320276	780	740	710
ECSS15	320277	560	540	500
ECSS20	320278	680	640	590
ECSS25	320279	800	770	740
ECS20	320280	930	890	840
ECS25	320281	1,060	1,000	940
ECS30	320282	1,220	1,150	1,090
ECS35	320283	1,810	1,710	1,640

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECM15	320284	$740	$720	$680
ECM20	320285	800	770	730
ECSS15	320286	580	560	530
ECSS20	320287	730	700	640
ECSS25	320288	860	810	770
ECS20	320289	950	900	870
ECS25	320290	1,090	1,030	960
ECS30	320291	1,300	1,240	1,160
ECS35	320292	1,930	1,830	1,720

THREE SECTION ECSS20 (CAN BE SHIPPED UPS)

MODEL	ITEM #	FINISH	1-2	3-6	7+	WEIGHT
SS20TS	320329	SATIN	$580	$550	$520	43 lbs.
SS20TS	320330	CLEAR	680	660	610	43 lbs.
SS20TS	320331	BRONZE	710	690	660	43 lbs.
SS20TS	320332	BLACK	760	730	690	43 lbs.

FOUR SECTION ECSS25 (CAN BE SHIPPED UPS)

MODEL	ITEM #	FINISH	1-2	3-6	7+	WEIGHT
SS25FS	323976	SATIN	$680	$640	$610	52 lbs.
SS25FS	323977	CLEAR	830	780	730	52 lbs.
SS25FS	323978	BRONZE	850	800	750	52 lbs.
SS25FS	323979	BLACK	920	850	800	52 lbs.

Add $40.00 to any of the flagpole pricing above for double-cleat/double-halyard flagpoles. Add $24 for flash collar.

All poles on pages 139 through 157 can be mixed to achieve the higher quantity pricing, but shipment must be made to the same location at the same time.

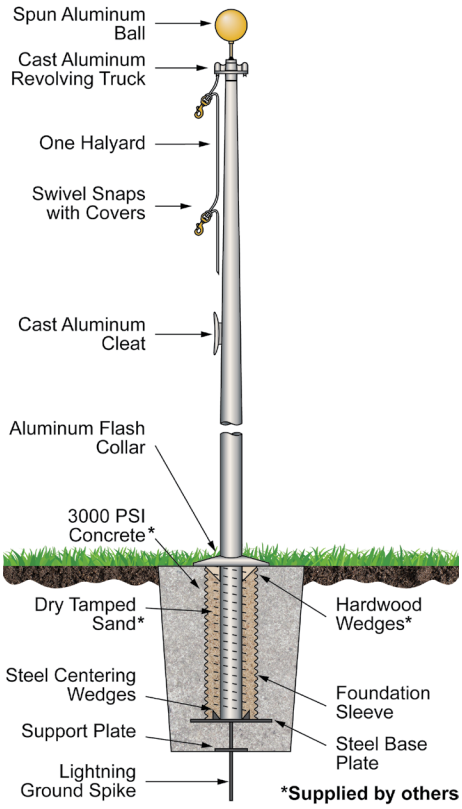
ATLAS SERIES

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 polypropylene 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.



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

*** 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	$790	$760	$720
ECSA25	320338	860	800	760
ECXA25	320339	1,450	1,350	1,290
ECXA30	320340	1,630	1,540	1,460
ECL30	320884	1,700	1,620	1,540
ECA30	320341	2,000	1,910	1,790
ECSA35	320342	1,810	1,730	1,620
ECA35	320343	2,380	2,240	2,130
ECA40	320344	3,380	3,230	3,020
ECXA60	320345	7,950	7,600	7,170

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECSA20	320346	$1,000	$950	$890
ECSA25	320347	1,080	1,020	970
ECXA25	320348	1,710	1,650	1,550
ECXA30	320349	1,920	1,830	1,720
ECL30	320885	2,000	1,920	1,790
ECA30	320350	2,390	2,270	2,140
ECSA35	320351	2,200	2,100	1,990
ECA35	320352	2,890	2,730	2,580
ECA40	320353	4,030	3,820	3,620
ECXA60	320354	9,180	8,740	8,280

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECSA20	320355	$1,040	$990	$930
ECSA25	320356	1,130	1,070	1,000
ECXA25	320357	1,800	1,700	1,620
ECXA30	320358	2,020	1,910	1,810
ECL30	320886	2,090	1,990	1,890
ECA30	320359	2,450	2,340	2,210
ECSA35	320360	2,240	2,130	2,040
ECA35	320361	2,950	2,820	2,650
ECA40	320362	4,150	3,940	3,760
ECXA60	320363	9,390	8,910	8,480

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECSA20	320364	$1,100	$1,040	$980
ECSA25	320365	1,200	1,150	1,080
ECXA25	320366	1,830	1,750	1,660
ECXA30	320367	2,080	1,980	1,840
ECL30	320887	2,150	2,050	1,930
ECA30	320368	2,560	2,440	2,290
ECSA35	320369	2,380	2,240	2,130
ECA35	320370	3,120	2,960	2,820
ECA40	320371	4,340	4,120	3,880
ECXA60	320372	9,800	9,310	8,790

Add $40.00 to any of the flagpole pricing above for double-cleat/double-halyard flagpoles.

All poles on pages 139 through 157 can be mixed to achieve the higher quantity pricing, but shipment must be made to the same location at the same time.

VANGUARD SERIES • Internal Halyard Ground Set Cone Tapered Aluminum Flagpoles

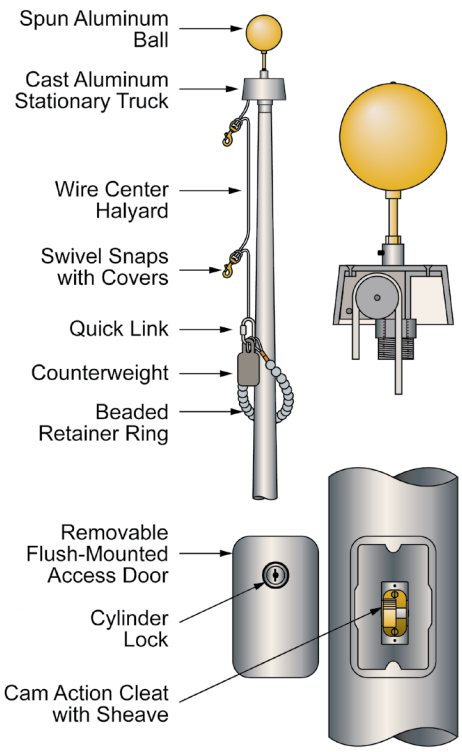
The Vanguard series provides an intelligent, economical alternative to deluxe concealed halyard systems.

STANDARD ACCESSORIES

- Gold anodized aluminum ball ornament
- Cast aluminum stationary truck
- 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.
ECXV30	30'	33'	1 or 2*	5"	3"	.125	110 MPH	75 MPH	5' x 8'	172 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.
ECAV30	30'	33'	1	6"	3-1/2"	.156	184 MPH	117 MPH	5' x 8'	224 lbs.
ECV30	30'	33'	1	6"	3-1/2"	.188	211 MPH	120+ MPH	5' x 8'	227 lbs.
ECSAV35	35'	38-1/2'	1	5"	3"	.188	104 MPH	86 MPH	6' x 10'	229 lbs.
ECXV35	35'	38-1/2'	1	6"	3-1/2"	.156	122 MPH	91 MPH	6' x 10'	247 lbs.
ECAV35	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.
ECAV40	40'	44'	2**	8"	3-1/2"	.156	171 MPH	110 MPH	8' x 12'	309 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.**



5" POLES **6" POLES** **7-8" POLES**

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.

Add $150.00 for a revolving truck on any Vanguard Flagpole.

SATIN

MODEL	ITEM #	1-2	3-6	7+
ECXV20	320409	$1,460	$1,350	$1,300
ECV20	320410	1,760	1,690	1,590
ECXV25	320411	1,630	1,550	1,460
ECXAV25	320412	1,820	1,740	1,640
ECV25	320413	2,400	2,270	2,150
ECXV30	320414	1,770	1,700	1,620
ECXAV30	320415	2,020	1,910	1,800
ECLV30	320888	2,080	1,980	1,910
ECAV30	320416	2,330	2,210	2,100
ECV30	320417	2,470	2,360	2,220
ECSAV35	320418	2,270	2,150	2,040
ECXV35	320419	2,470	2,360	2,220
ECAV35	320420	2,780	2,630	2,510
ECV35	320421	3,180	3,000	2,860
ECXV40	320422	3,430	3,290	3,080
ECAV40	320423	3,910	3,730	3,500
ECV40	320424	4,230	4,000	3,800

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECXV20	320425	$1,700	$1,640	$1,560
ECV20	320426	2,080	1,950	1,870
ECXV25	320427	1,910	1,810	1,710
ECXAV25	320428	2,140	2,060	1,930
ECV25	320429	2,690	2,550	2,410
ECXV30	320430	2,120	2,020	1,880
ECXAV30	320431	2,360	2,220	2,120
ECLV30	320889	2,420	2,290	2,210
ECAV30	320432	2,770	2,620	2,470
ECV30	320433	2,910	2,760	2,610
ECSAV35	320434	2,710	2,580	2,430
ECXV35	320435	2,960	2,800	2,680
ECAV35	320436	3,300	3,150	2,950
ECV35	320437	3,700	3,500	3,320
ECXV40	320438	4,030	3,840	3,630
ECAV40	320439	4,560	4,360	4,130
ECV40	320440	4,930	4,670	4,440

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECXV20	320441	$1,760	$1,680	$1,590
ECV20	320442	2,120	2,010	1,890
ECXV25	320443	1,990	1,860	1,770
ECXAV25	320444	2,200	2,100	1,990
ECV25	320445	2,720	2,590	2,440
ECXV30	320446	2,170	2,090	1,970
ECXAV30	320447	2,420	2,310	2,180
ECLV30	320890	2,480	2,370	2,280
ECAV30	320448	2,790	2,650	2,520
ECV30	320449	2,960	2,800	2,680
ECSAV35	320450	2,730	2,600	2,450
ECXV35	320451	3,020	2,870	2,720
ECAV35	320452	3,410	3,230	3,050
ECV35	320453	3,810	3,620	3,430
ECXV40	320454	4,150	3,930	3,730
ECAV40	320455	4,700	4,460	4,230
ECV40	320456	5,040	4,790	4,520

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECXV20	320457	$1,810	$1,710	$1,640
ECV20	320458	2,180	2,060	1,920
ECXV25	320459	2,080	1,960	1,820
ECXAV25	320460	2,290	2,160	2,070
ECV25	320461	2,840	2,690	2,540
ECXV30	320462	2,270	2,160	2,070
ECXAV30	320463	2,520	2,400	2,260
ECLV30	320891	2,580	2,460	2,360
ECAV30	320464	2,930	2,780	2,650
ECV30	320465	3,090	2,940	2,790
ECSAV35	320466	2,860	2,710	2,570
ECXV35	320467	3,190	3,010	2,860
ECAV35	320468	3,550	3,370	3,210
ECV35	320469	3,960	3,780	3,550
ECXV40	320470	4,320	4,090	3,870
ECAV40	320471	4,910	4,640	4,420
ECV40	320472	5,210	4,960	4,710

DELUXE IH SERIES

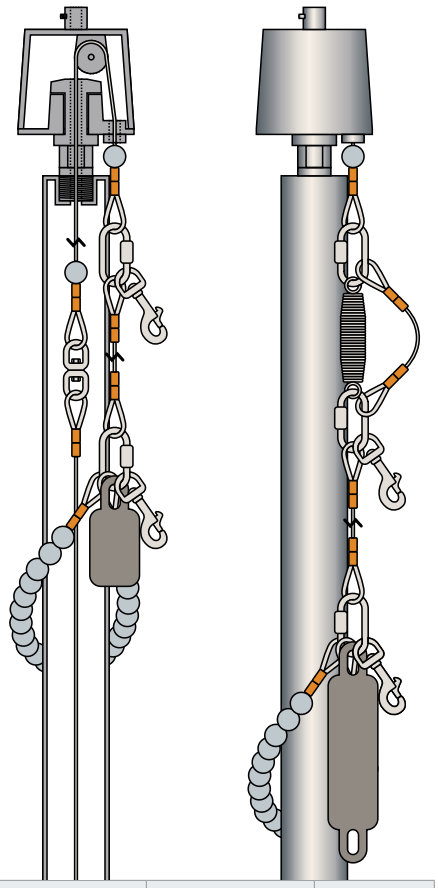
Internal Halyard Ground Set Cone Tapered Aluminum Flagpoles

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 and this winch system is easily adaptable to existing on-site flagpoles.

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 p.162-163 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.
ECA35IH	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.**

All poles on pages 139 through 157 can be mixed to achieve the higher quantity pricing, but shipment must be made to the same location at the same time.

DELUXE IH SERIES

Internal Halyard Ground Set Cone Tapered Aluminum Flagpoles

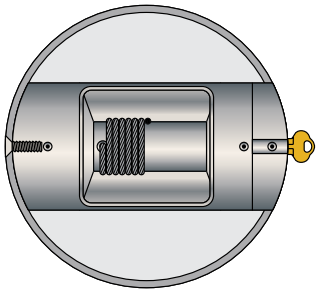
SATIN

MODEL	ITEM #	1-2	3-6	7+
ECX20IH	320473	$1,870	$1,770	$1,680
EC20IH	320474	2,220	2,140	2,010
ECX25IH	320475	2,070	1,970	1,830
ECXA25IH	320476	2,270	2,150	2,050
EC25IH	320477	3,290	3,130	2,970
ECX30IH	320478	2,210	2,110	2,010
ECXA30IH	320479	2,440	2,330	2,200
ECL30IH	320892	2,550	2,430	2,320
ECA30IH	320480	3,720	3,520	3,340
EC30IH	320481	3,830	3,640	3,450
ECSA35IH	320482	2,700	2,570	2,420
ECX35IH	320483	3,790	3,600	3,410
ECA35IH	320484	3,990	3,800	3,590
EC35IH	320485	4,490	4,270	4,030
ECX40IH	320486	4,700	4,460	4,230
ECA40IH	320487	5,280	5,010	4,750
EC40IH	320488	5,440	5,170	4,900
EC45IH	320489	5,700	5,410	5,110
ECX50IH	320490	5,960	5,650	5,350
EC50IH	320491	7,190	6,800	6,460
ECX60IH	320492	8,460	8,030	7,600
ECXA60IH	320493	10,370	9,860	9,340
EC60IH	320494	12,860	12,220	11,560
ECX70IH	320495	11,750	11,160	10,560
EC70IH	320496	14,020	13,280	12,530
EC80IH	320497	18,120	16,990	16,120

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECX20IH	320498	$2,160	$2,080	$1,940
EC20IH	320499	2,520	2,400	2,270
ECX25IH	320500	2,360	2,240	2,130
ECXA25IH	320501	2,590	2,460	2,320
EC25IH	320502	3,700	3,550	3,360
ECX30IH	320503	2,580	2,430	2,310
ECXA30IH	320504	2,810	2,700	2,520
ECL30IH	320893	2,920	2,800	2,620
ECA30IH	320505	4,200	3,960	3,760
EC30IH	320506	4,330	4,100	3,870
ECSA35IH	320507	3,140	2,970	2,830
ECX35IH	320508	4,310	4,080	3,860
ECA35IH	320509	4,580	4,370	4,130
EC35IH	320510	5,110	4,860	4,580
ECX40IH	320511	5,360	5,090	4,820
ECA40IH	320512	6,010	5,720	5,410
EC40IH	320513	6,170	5,880	5,560
EC45IH	320514	6,530	6,210	5,880
ECX50IH	320515	6,870	6,570	6,220
EC50IH	320516	8,280	7,880	7,460
ECX60IH	320517	9,690	9,200	8,710
ECXA60IH	320518	11,720	11,130	10,520
EC60IH	320519	14,480	13,780	13,020
ECX70IH	320520	13,310	12,640	11,970
EC70IH	320521	15,950	15,140	14,350
EC80IH	320522	20,310	19,290	18,270

M-WINCH DETAIL



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

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECX20IH	320523	$2,190	$2,100	$1,980
EC20IH	320524	2,550	2,440	2,310
ECX25IH	320525	2,420	2,300	2,170
ECXA25IH	320526	2,650	2,520	2,390
EC25IH	320527	3,770	3,580	3,390
ECX30IH	320528	2,640	2,500	2,360
ECXA30IH	320529	2,900	2,750	2,600
ECL30IH	320894	3,010	2,850	2,710
ECA30IH	320530	4,250	4,040	3,800
EC30IH	320531	4,370	4,150	3,940
ECSA35IH	320532	3,190	3,010	2,880
ECX35IH	320533	4,390	4,190	3,940
ECA35IH	320534	4,680	4,470	4,220
EC35IH	320535	5,200	4,950	4,650
ECX40IH	320536	5,460	5,180	4,920
ECA40IH	320537	6,140	5,830	5,520
EC40IH	320538	6,290	5,990	5,660
EC45IH	320539	6,670	6,330	6,010
ECX50IH	320540	7,040	6,700	6,340
EC50IH	320541	8,490	8,050	7,630
ECX60IH	320542	10,000	9,500	8,990
ECXA60IH	320543	12,050	11,450	10,830
EC60IH	320544	14,870	14,120	13,390
ECX70IH	320545	13,700	13,030	12,320
EC70IH	320546	16,410	15,590	14,770
EC80IH	320547	20,850	19,810	18,630

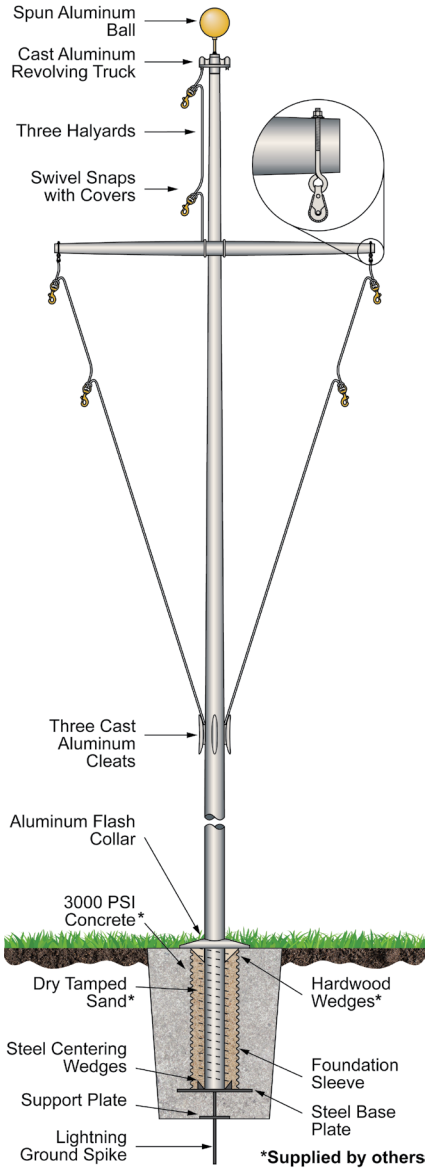
BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECX20IH	320548	$2,280	$2,160	$2,060
EC20IH	320549	2,640	2,500	2,370
ECX25IH	320550	2,510	2,380	2,240
ECXA25IH	320551	2,720	2,590	2,440
EC25IH	320552	3,840	3,640	3,440
ECX30IH	320553	2,740	2,600	2,450
ECXA30IH	320554	2,970	2,840	2,690
ECL30IH	320895	3,090	2,940	2,790
ECA30IH	320555	4,380	4,170	3,930
EC30IH	320556	4,500	4,280	4,040
ECSA35IH	320557	3,320	3,150	2,960
ECX35IH	320558	4,540	4,320	4,080
ECA35IH	320559	4,840	4,580	4,340
EC35IH	320560	5,340	5,080	4,820
ECX40IH	320561	5,640	5,360	5,080
ECA40IH	320562	6,330	6,010	5,670
EC40IH	320563	6,490	6,160	5,830
EC45IH	320564	6,860	6,550	6,210
ECX50IH	320565	7,270	6,900	6,540
EC50IH	320566	8,800	8,340	7,910
ECX60IH	320567	10,270	9,750	9,260
ECXA60IH	320568	12,300	11,700	11,070
EC60IH	320569	15,190	14,400	13,610
ECX70IH	320570	13,970	13,280	12,560
EC70IH	320571	16,690	15,910	15,120
EC80IH	320572	21,100	20,080	19,000

All poles on pages 139 through 157 can be mixed to achieve the higher quantity pricing, but shipment must be made to the same location at the same time.

SINGLE MAST NAUTICAL SERIES WITH YARDARM

External Halyard Ground Set Cone Tapered Aluminum Flagpoles



STANDARD ACCESSORIES

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

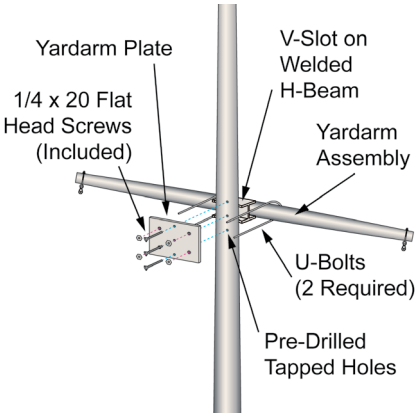
MODEL	EXPOSED HEIGHT	OVERALL LENGTH	# OF SECTIONS	BUTT DIA.	TOP DIA.	WALL	YARDARM LENGTH♦	SHIPPING WEIGHT
ECXP20-Y	20'	23'	1	5"	3"	.125	6'	155 lbs.
ECP20-Y	20'	23'	1	5"	3"	.188	6'	173 lbs.
ECXP25-Y	25'	27'	1	5"	3"	.125	6-1/2'	167 lbs.
ECXAP25-Y	25'	27'	1	5"	3"	.156	6-1/2'	185 lbs.
ECP25-Y	25'	27'	1	6"	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.
ECAP40-Y	40'	44'	2**	8"	3-1/2"	.156	11'	350 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.
ECXP50-Y	50'	55'	3**	8"	3-1/2"	.188	13'	492 lbs.
ECP50-Y	50'	55'	3**	10"	4"	.188	13'	572 lbs.
ECXP60-Y	60'	66'	3**	10"	4"	.188	14'	735 lbs.
ECXAP60-Y	60'	66'	3**	10"	4"	.250	14'	824 lbs.
ECP60-Y	60'	66'	3**	12"	4"	.250	14'	903 lbs.
ECXP70-Y	70'	77'	3**	10"	4"	.312	16'	1107 lbs.
ECP70-Y	70'	77'	3**	12"	4"	.250	16'	1053 lbs.
ECP80-Y	80'	88'	3**	12"	4"	.375	18'	1442 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.**

YARDARM ASSEMBLY DETAIL



All poles on pages 139 through 157 can be mixed to achieve the higher quantity pricing, but shipment must be made to the same location at the same time.

SINGLE MAST NAUTICAL SERIES WITH YARDARM

External Halyard Ground Set Cone Tapered Aluminum Flagpoles

NOTE: All pole pricing below includes the yardarm. See page 152 for pricing on yardarms only.

SATIN

MODEL	ITEM #	1-2	3-6	7+
ECXP20-Y	320573	$1,920	$1,810	$1,710
ECP20-Y	320574	2,270	2,160	2,050
ECXP25-Y	320575	2,040	1,920	1,790
ECXAP25-Y	320576	2,270	2,140	2,030
ECP25-Y	320577	2,690	2,560	2,410
ECXP30-Y	320578	2,240	2,150	2,010
ECXAP30-Y	320579	2,520	2,390	2,230
ECAP30-Y	320580	2,880	2,760	2,570
ECP30-Y	320581	2,940	2,810	2,620
ECSAP35-Y	320582	2,720	2,590	2,420
ECXP35-Y	320583	2,970	2,840	2,630
ECAP35-Y	320584	3,280	3,120	2,930
ECP35-Y	320585	3,650	3,470	3,280
ECXP40-Y	320586	4,070	3,870	3,650
ECAP40-Y	320587	4,370	4,180	3,920
ECP40-Y	320588	4,560	4,370	4,130
ECP45-Y	320589	5,010	4,760	4,500
ECXP50-Y	320590	5,420	5,150	4,850
ECP50-Y	320591	6,530	6,230	5,890
ECXP60-Y	320592	7,450	7,190	6,690
ECXAP60-Y	320593	9,130	8,700	8,230
ECP60-Y	320594	11,730	11,140	10,560
ECXP70-Y	320595	11,270	10,720	10,140
ECP70-Y	320596	13,170	12,500	11,840
ECP80-Y	320597	16,220	15,510	14,690

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECXP20-Y	320598	$2,340	$2,210	$2,110
ECP20-Y	320599	2,720	2,590	2,450
ECXP25-Y	320600	2,480	2,380	2,200
ECXAP25-Y	320601	2,690	2,580	2,420
ECP25-Y	320602	3,230	3,040	2,890
ECXP30-Y	320603	2,780	2,640	2,530
ECXAP30-Y	320604	3,020	2,870	2,690
ECAP30-Y	320605	3,460	3,300	3,110
ECP30-Y	320606	3,550	3,380	3,180
ECSAP35-Y	320607	3,330	3,150	2,960
ECXP35-Y	320608	3,640	3,430	3,260
ECAP35-Y	320609	4,010	3,780	3,560
ECP35-Y	320610	4,410	4,200	3,940
ECXP40-Y	320611	4,850	4,640	4,360
ECAP40-Y	320612	5,260	5,000	4,720
ECP40-Y	320613	5,490	5,220	4,920
ECP45-Y	320614	5,960	5,650	5,340
ECXP50-Y	320615	6,510	6,190	5,860
ECP50-Y	320616	8,010	7,630	7,210
ECXP60-Y	320617	8,880	8,430	7,970
ECXAP60-Y	320618	10,640	10,110	9,570
ECP60-Y	320619	13,350	12,670	11,990
ECXP70-Y	320620	13,080	12,420	11,750
ECP70-Y	320621	15,050	14,300	13,520
ECP80-Y	320622	18,790	17,800	16,890

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECXP20-Y	320623	$2,400	$2,270	$2,160
ECP20-Y	320624	2,770	2,650	2,500
ECXP25-Y	320625	2,550	2,440	2,290
ECXAP25-Y	320626	2,840	2,660	2,540
ECP25-Y	320627	3,290	3,160	2,960
ECXP30-Y	320628	2,870	2,750	2,570
ECXAP30-Y	320629	3,170	3,020	2,860
ECAP30-Y	320630	3,610	3,430	3,260
ECP30-Y	320631	3,700	3,500	3,310
ECSAP35-Y	320632	3,460	3,290	3,120
ECXP35-Y	320633	3,810	3,610	3,390
ECAP35-Y	320634	4,180	3,960	3,750
ECP35-Y	320635	4,600	4,360	4,110
ECXP40-Y	320636	5,120	4,860	4,590
ECAP40-Y	320637	5,510	5,230	4,980
ECP40-Y	320638	5,740	5,460	5,150
ECP45-Y	320639	6,230	5,910	5,590
ECXP50-Y	320640	6,830	6,470	6,130
ECP50-Y	320641	8,370	7,950	7,510
ECXP60-Y	320642	9,310	8,850	8,360
ECXAP60-Y	320643	11,030	10,490	9,960
ECP60-Y	320644	13,810	13,120	12,410
ECXP70-Y	320645	13,580	12,910	12,220
ECP70-Y	320646	15,610	14,810	14,020
ECP80-Y	320647	19,370	18,400	17,360

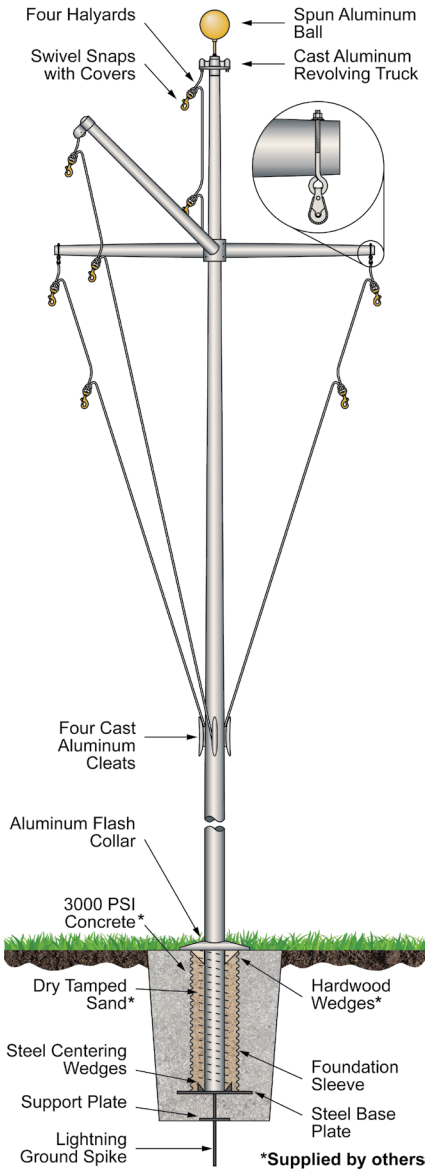
BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECXP20-Y	320648	$2,520	$2,400	$2,240
ECP20-Y	320649	2,910	2,770	2,610
ECXP25-Y	320650	2,720	2,560	2,410
ECXAP25-Y	320651	2,930	2,780	2,610
ECP25-Y	320652	3,500	3,310	3,130
ECXP30-Y	320653	3,070	2,920	2,750
ECXAP30-Y	320654	3,300	3,130	2,940
ECAP30-Y	320655	3,780	3,590	3,380
ECP30-Y	320656	3,920	3,720	3,500
ECSAP35-Y	320657	3,640	3,450	3,270
ECXP35-Y	320658	4,010	3,820	3,570
ECAP35-Y	320659	4,380	4,180	3,940
ECP35-Y	320660	4,820	4,570	4,310
ECXP40-Y	320661	5,340	5,100	4,790
ECAP40-Y	320662	5,760	5,480	5,170
ECP40-Y	320663	6,050	5,740	5,440
ECP45-Y	320664	6,560	6,240	5,900
ECXP50-Y	320665	7,170	6,830	6,460
ECP50-Y	320666	8,840	8,380	7,940
ECXP60-Y	320667	9,810	9,290	8,790
ECXAP60-Y	320668	11,570	10,950	10,380
ECP60-Y	320669	14,360	13,610	12,910
ECXP70-Y	320670	14,490	13,780	13,060
ECP70-Y	320671	16,660	15,810	14,990
ECP80-Y	320672	20,130	19,130	18,130

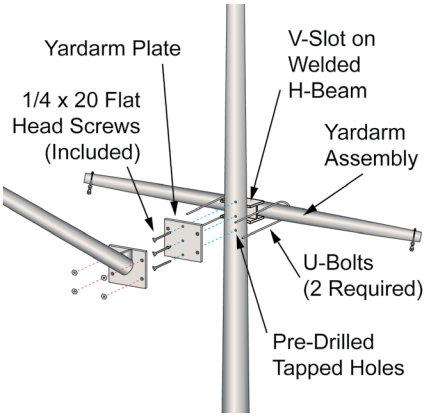
All poles on pages 139 through 157 can be mixed to achieve the higher quantity pricing, but shipment must be made to the same location at the same time.

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 polypropylene 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.
ECAP40-YG	40'	44'	2**	8"	3-1/2"	.156	11'	9'	377 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.
ECXP50-YG	50'	55'	3**	8"	3-1/2"	.188	13'	10'	533 lbs.
ECP50-YG	50'	55'	3**	10"	4"	.188	13'	10'	613 lbs.
ECXP60-YG	60'	66'	3**	10"	4"	.188	14'	12'	785 lbs.
ECXAP60-YG	60'	66'	3**	10"	4"	.250	14'	12'	872 lbs.
ECP60-YG	60'	66'	3**	12"	4"	.250	14'	12'	956 lbs.
ECXP70-YG	70'	77'	3**	10"	4"	.312	16'	13'	1162 lbs.
ECP70-YG	70'	77'	3**	12"	4"	.250	16'	13'	1103 lbs.
ECP80-YG	80'	88'	3**	12"	4"	.375	18'	14'	1499 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.**

All poles on pages 139 through 157 can be mixed to achieve the higher quantity pricing, but shipment must be made to the same location at the same time.

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 152 for pricing on yardarms & gaffs only.

SATIN

MODEL	ITEM #	1-2	3-6	7+
ECXP20-YG	320673	$2,450	$2,320	$2,180
ECP20-YG	320674	2,830	2,690	2,530
ECXP25-YG	320675	2,590	2,450	2,290
ECXAP25-YG	320676	2,840	2,680	2,520
ECP25-YG	320677	3,260	3,120	2,940
ECXP30-YG	320678	2,870	2,740	2,540
ECXAP30-YG	320679	3,140	2,960	2,790
ECAP30-YG	320680	3,480	3,340	3,120
ECP30-YG	320681	3,560	3,400	3,180
ECSAP35-YG	320682	3,360	3,210	2,970
ECXP35-YG	320683	3,610	3,440	3,200
ECAP35-YG	320684	3,910	3,740	3,480
ECP35-YG	320685	4,310	4,100	3,840
ECXP40-YG	320686	4,730	4,510	4,250
ECAP40-YG	320687	5,040	4,820	4,500
ECP40-YG	320688	5,220	5,020	4,700
ECP45-YG	320689	5,670	5,410	5,090
ECXP50-YG	320690	6,110	5,810	5,480
ECP50-YG	320691	7,230	6,900	6,530
ECXP60-YG	320692	8,200	7,880	7,370
ECXAP60-YG	320693	9,900	9,410	8,900
ECP60-YG	320694	12,480	11,860	11,240
ECXP70-YG	320695	12,090	11,500	10,860
ECP70-YG	320696	13,980	13,290	12,580
ECP80-YG	320697	17,140	16,360	15,500

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECXP20-YG	320698	$3,000	$2,860	$2,690
ECP20-YG	320699	3,420	3,260	3,060
ECXP25-YG	320700	3,200	3,060	2,860
ECXAP25-YG	320701	3,410	3,280	3,060
ECP25-YG	320702	3,970	3,760	3,570
ECXP30-YG	320703	3,550	3,380	3,220
ECXAP30-YG	320704	3,800	3,590	3,390
ECAP30-YG	320705	4,250	4,030	3,800
ECP30-YG	320706	4,340	4,110	3,870
ECSAP35-YG	320707	4,130	3,920	3,700
ECXP35-YG	320708	4,440	4,220	3,970
ECAP35-YG	320709	4,810	4,560	4,310
ECP35-YG	320710	5,210	4,980	4,660
ECXP40-YG	320711	5,740	5,460	5,130
ECAP40-YG	320712	6,130	5,800	5,490
ECP40-YG	320713	6,370	6,040	5,690
ECP45-YG	320714	6,830	6,480	6,110
ECXP50-YG	320715	7,450	7,090	6,690
ECP50-YG	320716	8,960	8,530	8,040
ECXP60-YG	320717	9,910	9,420	8,900
ECXAP60-YG	320718	11,670	11,100	10,490
ECP60-YG	320719	14,400	13,670	12,930
ECXP70-YG	320720	14,180	13,470	12,730
ECP70-YG	320721	16,160	15,350	14,520
ECP80-YG	320722	19,990	18,960	17,980

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECXP20-YG	320723	$3,100	$2,950	$2,800
ECP20-YG	320724	3,510	3,350	3,160
ECXP25-YG	320725	3,330	3,170	2,980
ECXAP25-YG	320726	3,600	3,400	3,230
ECP25-YG	320727	4,090	3,920	3,670
ECXP30-YG	320728	3,670	3,520	3,310
ECXAP30-YG	320729	3,970	3,800	3,580
ECAP30-YG	320730	4,420	4,220	3,970
ECP30-YG	320731	4,500	4,280	4,040
ECSAP35-YG	320732	4,380	4,160	3,920
ECXP35-YG	320733	4,700	4,480	4,210
ECAP35-YG	320734	5,080	4,850	4,560
ECP35-YG	320735	5,530	5,240	4,930
ECXP40-YG	320736	6,130	5,840	5,490
ECAP40-YG	320737	6,530	6,200	5,870
ECP40-YG	320738	6,750	6,430	6,040
ECP45-YG	320739	7,250	6,870	6,490
ECXP50-YG	320740	7,900	7,480	7,090
ECP50-YG	320741	9,460	8,990	8,490
ECXP60-YG	320742	10,460	9,940	9,400
ECXAP60-YG	320743	12,190	11,580	11,000
ECP60-YG	320744	14,990	14,220	13,460
ECXP70-YG	320745	14,840	14,090	13,350
ECP70-YG	320746	16,880	16,020	15,170
ECP80-YG	320747	20,750	19,710	18,600

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECXP20-YG	320748	$3,270	$3,100	$2,920
ECP20-YG	320749	3,690	3,510	3,300
ECXP25-YG	320750	3,520	3,340	3,130
ECXAP25-YG	320751	3,740	3,540	3,350
ECP25-YG	320752	4,350	4,110	3,880
ECXP30-YG	320753	3,940	3,750	3,520
ECXAP30-YG	320754	4,180	3,940	3,730
ECAP30-YG	320755	4,650	4,420	4,160
ECP30-YG	320756	4,810	4,530	4,280
ECSAP35-YG	320757	4,630	4,420	4,150
ECXP35-YG	320758	5,010	4,780	4,470
ECAP35-YG	320759	5,390	5,130	4,840
ECP35-YG	320760	5,820	5,550	5,200
ECXP40-YG	320761	6,460	6,130	5,780
ECAP40-YG	320762	6,850	6,510	6,140
ECP40-YG	320763	7,140	6,780	6,420
ECP45-YG	320764	7,650	7,280	6,870
ECXP50-YG	320765	8,350	7,950	7,500
ECP50-YG	320766	10,030	9,520	9,010
ECXP60-YG	320767	11,100	10,520	9,950
ECXAP60-YG	320768	12,860	12,190	11,530
ECP60-YG	320769	15,670	14,870	14,080
ECXP70-YG	320770	15,920	15,120	14,340
ECP70-YG	320771	18,090	17,170	16,290
ECP80-YG	320772	21,690	20,590	19,520

All poles on pages 139 through 157 can be mixed to achieve the higher quantity pricing, but shipment must be made to the same location at the same time.

ALUMINUM YARDARMS

Cone Tapered For Single Mast Nautical Poles

Each yardarm is supplied with end pulleys, (2) lengths of solid braided polypropylene 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.
Y130	50'	13'	3-1/2"	2"	59 lbs.
Y140	60'	14'	3-1/2"	2"	70 lbs
Y160	70'	16'	3-1/2"	2"	75 lbs.
Y180	80'	18'	3-1/2"	2"	85 lbs.

SATIN

MODEL	ITEM #	1-2	3-6	7+
Y60	320773	$780	$740	$700
Y65	320774	820	780	730
Y85	320775	890	850	780
Y95	320776	900	870	800
Y110	320777	980	940	890
Y130	320778	1,120	1,060	970
Y140	320779	1,190	1,130	1,060
Y160	320780	1,230	1,170	1,100
Y180	320781	1,390	1,310	1,240

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
Y60	320782	$940	$890	$850
Y65	320783	980	940	880
Y85	320784	1,100	1,010	960
Y95	320785	1,140	1,060	980
Y110	320786	1,240	1,190	1,120
Y130	320787	1,400	1,330	1,260
Y140	320788	1,460	1,370	1,300
Y160	320789	1,590	1,490	1,400
Y180	320790	1,780	1,690	1,610

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
Y60	320791	$950	$910	$870
Y65	320792	1,010	970	920
Y85	320793	1,170	1,120	1,030
Y95	320794	1,230	1,170	1,100
Y110	320795	1,360	1,300	1,220
Y130	320796	1,580	1,490	1,390
Y140	320797	1,650	1,590	1,500
Y160	320798	1,800	1,720	1,630
Y180	320799	2,050	1,930	1,820

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
Y60	320800	$1,000	$960	$910
Y65	320801	1,100	1,010	960
Y85	320802	1,230	1,170	1,100
Y95	320803	1,270	1,220	1,150
Y110	320804	1,430	1,360	1,290
Y130	320805	1,660	1,600	1,510
Y140	320806	1,760	1,660	1,590
Y160	320807	1,940	1,830	1,740
Y180	320808	2,190	2,090	2,010

ALUMINUM GAFFS

Cone Tapered For Single Mast Nautical Poles

Each gaff is supplied with an end pulley, (1) length of solid braided polypropylene 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.
G100	50'	10'	3-1/2"	2-3/8"	46 lbs.
G120	60'	12'	3-1/2"	2-3/8"	53 lbs
G140	70'	14'	3-1/2"	2-3/8"	60 lbs.
G160	80'	16'	3-1/2"	2-3/8"	67 lbs.

SATIN

MODEL	ITEM #	1-2	3-6	7+
G50	320809	$530	$500	$480
G56	320810	550	530	490
G66	320811	590	560	530
G76	320812	620	600	550
G90	320813	660	620	560
G100	320814	680	660	600
G120	320815	710	680	640
G140	320816	750	710	680
G160	320817	850	790	750

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
G50	320818	$670	$620	$570
G56	320819	710	690	640
G66	320820	760	720	690
G76	320821	790	770	720
G90	320822	850	790	750
G100	320823	920	880	800
G120	320824	980	940	870
G140	320825	1,010	970	920
G160	320826	1,140	1,070	990

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
G50	320827	$700	$680	$620
G56	320828	760	720	690
G66	320829	790	760	720
G76	320830	900	870	800
G90	320831	970	930	870
G100	320832	1,030	990	940
G120	320833	1,120	1,040	980
G140	320834	1,190	1,130	1,060
G160	320835	1,300	1,240	1,170

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
G50	320836	$740	$700	$670
G56	320837	790	760	720
G66	320838	860	800	760
G76	320839	980	940	880
G90	320840	1,060	990	940
G100	320841	1,170	1,100	1,020
G120	320842	1,250	1,190	1,120
G140	320843	1,300	1,240	1,190
G160	320844	1,470	1,380	1,310

All poles on pages 139 through 157 can be mixed to achieve the higher quantity pricing, but shipment must be made to the same location at the same time.

DOUBLE MAST NAUTICAL SERIES W/ YARDARM & GAFF

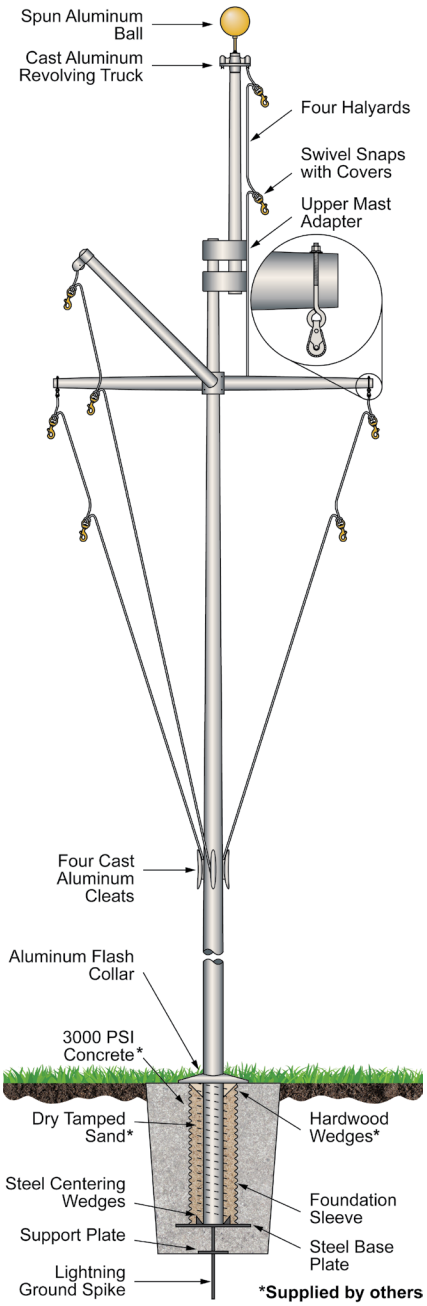
External Halyard Ground Set Cone Tapered Aluminum Flagpoles

Double Mast Nautical flagpoles are designed to authentically match the original concept of the old double masted ship riggings with the Stars & Stripes flying from the mast's gaff. The top & lower mast connecting bracket as well as the gaff and yardarm bracket are specially fabricated from aluminum plate and tubing, Heliarc welded and finished to match the flagpole. The resulting flagpole is one of beauty, strength and authenticity. **Please allow 4 to 6 weeks after approval for shipping on satin poles.**

MODEL	EXP. HEIGHT	OVERALL LENGTH	# OF SECTIONS	BUTT DIA.	TOP DIA.	WALL	YARDARM LENGTH♦	GAFF LENGTH■	SHIPPING WEIGHT
ECPDM20	20'	23'	1	5"	3"	.188	6'	5'	284 lbs.
ECPDM25	25'	27'	1	6"	3-1/2"	.188	6-1/2'	5-1/2'	330 lbs.
ECPDM30	30'	33'	1	6"	3-1/2"	.188	8-1/2'	6-1/2'	391 lbs.
ECPDM35	35'	38-1/2'	2	7"	3-1/2"	.188	9-1/2'	7-1/2'	438 lbs.
ECPDM40	40'	44'	2	8"	3-1/2"	.188	11'	9'	495 lbs.
ECPDM45	45'	49-1/2'	2	8"	3-1/2"	.188	11'	9'	658 lbs.
ECPDM50	50'	55'	2	10"	4"	.188	13'	10'	996 lbs.
ECPDM60	60'	66'	2	12"	4"	.250	14'	12'	1153 lbs.
ECPDM70	70'	77'	3	12"	4"	.312	16'	14'	1549 lbs.

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

White powder coated Double Mast Nautical pole shown



STANDARD ACCESSORIES

- Gold anodized aluminum ball ornament
- Cast aluminum revolving truck assembly
- 4 lengths of solid braided polypropylene halyard
- Swivel flag snaps w/vinyl snap covers
- 4 cast aluminum cleats with mounting screws
- Spun aluminum flash collar
- Corrugated steel foundation sleeve

SATIN

MODEL	ITEM #	1-2	3-6	7+
ECPDM20	320845	$5,080	$4,890	$4,630
ECPDM25	320846	6,050	5,760	5,440
ECPDM30	320847	6,490	6,170	5,840
ECPDM35	320848	7,530	7,160	6,790
ECPDM40	320849	9,240	8,770	8,310
ECPDM45	320850	10,180	9,660	9,130
ECPDM50	320851	12,010	11,380	10,800
ECPDM60	320852	18,480	17,470	16,540
ECPDM70	320853	23,100	21,830	20,400

CLEAR ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECPDM20	320855	$5,810	$5,500	$5,220
ECPDM25	320856	6,840	6,500	6,150
ECPDM30	320857	7,310	6,920	6,560
ECPDM35	320858	8,530	8,090	7,650
ECPDM40	320859	10,520	9,980	9,470
ECPDM45	320860	11,570	10,990	10,400
ECPDM50	320861	13,760	13,060	12,360
ECPDM60	320862	21,050	20,350	19,280
ECPDM70	320863	26,540	25,230	24,250

BRONZE ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECPDM20	320865	$6,040	$5,740	$5,410
ECPDM25	320866	7,020	6,670	6,310
ECPDM30	320867	7,460	7,060	6,720
ECPDM35	320868	8,720	8,290	7,850
ECPDM40	320869	10,680	10,150	9,590
ECPDM45	320870	11,780	11,180	10,590
ECPDM50	320871	14,070	13,380	12,670
ECPDM60	320872	21,560	20,510	19,400
ECPDM70	320873	27,100	25,750	24,410

BLACK ANODIZED

MODEL	ITEM #	1-2	3-6	7+
ECPDM20	320875	$6,130	$5,830	$5,500
ECPDM25	320876	7,080	6,730	6,350
ECPDM30	320877	7,520	7,120	6,780
ECPDM35	320878	8,800	8,360	7,920
ECPDM40	320879	10,760	10,230	9,680
ECPDM45	320880	11,910	11,310	10,700
ECPDM50	320881	14,170	13,470	12,750
ECPDM60	320882	21,710	20,620	19,550
ECPDM70	320883	27,610	26,250	24,900

All poles on pages 139 through 157 can be mixed to achieve the higher quantity pricing, but shipment must be made to the same location at the same time.

VERTICAL WALL MOUNT SERIES

External Halyard Cone Tapered Aluminum Flagpoles

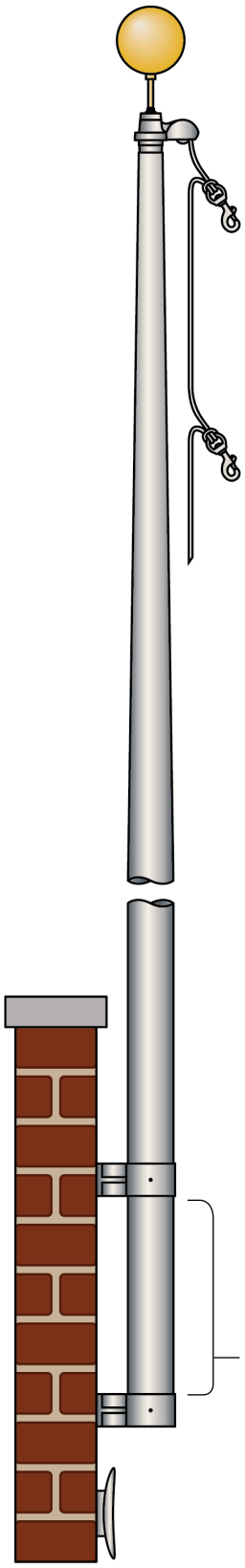


Illustration depicting 5-6" butt dia. poles

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

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

BRACKETS FOR 7", 8" OR 10" 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
- Solid braided polypropylene halyard
- Cast aluminum cleat with mounting screws
- 3-1/2" thru 6" diameter poles have swivel flag snaps with vinyl covers; all others have nylon flag snaps
- Cast aluminum mounting brackets.
- If thru wall bolts are required, please advise length of bolt needed.

Wind load requirements are based upon flag size and mounted pole elevation.

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.
EVWM14	14'	1	2-3/8"	1-7/8"	.140	3' x 5'	42 lbs.
EVWM17	17'	1	2-3/8"	1-7/8"	.140	3' x 5'	47 lbs.
EVWM20	20'	1	2-3/8"	1-7/8"	.140	3' x 5'	52 lbs.
EVWM22	22'	1	2-3/8"	1-7/8"	.140	3' x 5'	56 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.**

All poles on pages 139 through 157 can be mixed to achieve the higher quantity pricing, but shipment must be made to the same location at the same time.

VERTICAL WALL MOUNT SERIES

External Halyard Cone Tapered Aluminum Flagpoles

COMPLETE SETS INCLUDING BRACKETS

	SATIN				CLEAR ANODIZED				BRONZE ANODIZED				BLACK ANODIZED			
MODEL	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	$600	$580	$540	322739	$750	$710	$680	322780	$770	$740	$700	322821	$780	$750	$710
EVWM10	322699	620	590	550	322740	770	740	700	322781	790	760	720	322822	800	770	730
EVWM12	322700	660	600	580	322741	790	760	720	322782	850	790	750	322823	860	790	750
EVWM14	322701	670	620	560	322742	850	780	740	322783	870	830	770	322824	890	860	780
EVWM17	322702	710	680	640	322743	870	830	770	322784	900	860	790	322825	920	880	850
EVWM20	322703	740	700	670	322744	910	860	790	322785	960	910	860	322826	980	930	890
EVWM22	322704	760	720	690	322745	950	900	850	322786	1,000	960	910	322827	1,030	980	930
EVWS8	322705	490	470	450	322746	590	560	520	322787	600	580	530	322828	620	590	550
EVWS10	322706	500	480	460	322747	620	590	540	322788	670	600	560	322829	680	620	590
EVWS12	322707	530	500	480	322748	680	620	580	322789	690	640	590	322830	700	670	620
EVWS14	322708	580	550	510	322749	700	670	620	322790	720	690	640	322831	740	700	670
EVWS17	322709	620	580	550	322750	750	710	680	322791	760	720	690	322832	780	750	710
EVWS20	322710	660	600	560	322751	770	740	700	322792	830	780	740	322833	850	790	750
EVWS22	322711	700	670	620	322752	800	760	730	322793	860	800	760	322834	880	830	780
EVWS25	322712	750	710	680	322753	880	830	770	322794	900	870	800	322835	920	880	800
EVWS27	322713	770	740	700	322754	900	870	790	322795	940	890	850	322836	950	900	860
EVW12	322714	1,000	960	910	322755	1,110	1,040	980	322796	1,270	1,220	1,160	322837	1,330	1,270	1,210
EVW16	322715	1,030	980	930	322756	1,160	1,110	1,010	322797	1,310	1,250	1,190	322838	1,400	1,310	1,250
EVW20	322716	1,070	990	940	322757	1,190	1,130	1,090	322798	1,350	1,290	1,220	322839	1,450	1,370	1,290
EVW22	322717	1,090	1,010	960	322758	1,220	1,160	1,110	322799	1,400	1,310	1,250	322840	1,490	1,410	1,320
EVW25	322718	1,120	1,040	990	322759	1,240	1,190	1,120	322800	1,420	1,330	1,270	322841	1,550	1,460	1,350
EVW27	322719	1,160	1,100	1,010	322760	1,260	1,210	1,140	322801	1,460	1,380	1,300	322842	1,590	1,500	1,400
EVWAF16	322720	1,230	1,180	1,120	322761	1,470	1,400	1,310	322802	1,530	1,450	1,350	322843	1,610	1,530	1,430
EVWAF20	322721	1,250	1,200	1,140	322762	1,500	1,420	1,330	322803	1,590	1,500	1,400	322844	1,640	1,580	1,490
EVWAF22	322722	1,270	1,210	1,160	322763	1,550	1,460	1,350	322804	1,620	1,550	1,460	322845	1,680	1,610	1,530
EVWAF25	322723	1,320	1,260	1,200	322764	1,730	1,650	1,580	322805	1,650	1,590	1,500	322846	1,720	1,630	1,570
EVWAF27	322724	1,350	1,290	1,220	322765	1,770	1,670	1,600	322806	1,680	1,620	1,550	322847	1,770	1,670	1,600
EVWAF30	322725	1,500	1,430	1,350	322766	1,840	1,750	1,660	322807	1,870	1,790	1,690	322848	1,910	1,830	1,730
LVW20	322726	1,510	1,430	1,340	322767	1,820	1,730	1,640	322808	2,000	1,870	1,780	322849	2,080	1,980	1,830
LVWC20	322727	1,790	1,720	1,650	322768	2,170	2,060	1,920	322809	2,340	2,200	2,100	322850	2,400	2,290	2,180
LVW23	322728	1,550	1,460	1,370	322769	1,840	1,770	1,670	322810	2,040	1,890	1,800	322851	2,100	2,020	1,880
LVWC23	322729	1,820	1,740	1,660	322770	2,190	2,100	1,970	322811	2,360	2,230	2,140	322852	2,410	2,240	2,160
LVW25	322730	1,580	1,490	1,400	322771	1,980	1,840	1,760	322812	2,090	2,010	1,860	322853	2,130	2,050	1,910
LVWA25	322731	1,770	1,680	1,600	322772	2,160	2,080	1,980	322813	2,200	2,100	2,010	322854	2,350	2,240	2,130
LVW27	322732	1,610	1,510	1,420	322773	2,000	1,870	1,780	322814	2,110	2,030	1,890	322855	2,150	2,070	1,940
LVWA27	322733	1,800	1,710	1,630	322774	2,200	2,100	2,000	322815	2,240	2,130	2,040	322856	2,400	2,280	2,150
LVW30	322734	2,270	2,150	2,050	322775	2,780	2,640	2,530	322816	2,850	2,690	2,570	322857	2,910	2,780	2,630
LVWC30	322735	2,420	2,310	2,170	322776	2,920	2,790	2,650	322817	2,960	2,840	2,680	322858	3,090	2,920	2,780
LVW33	322736	2,320	2,200	2,100	322777	2,820	2,660	2,540	322818	2,890	2,760	2,610	322859	2,950	2,830	2,660
LVWC33	322737	2,450	2,340	2,200	322778	2,960	2,840	2,680	322819	2,980	2,860	2,720	322860	3,130	2,950	2,810
LVW35	322738	2,330	2,210	2,110	322779	2,880	2,730	2,600	322820	2,940	2,820	2,640	322861	3,020	2,870	2,720

BRACKETS ONLY

Mounting Hardware Not Included & Priced Separately on Page 185

FOR POLE DIA.	MODEL	LBS	SATIN				CLEAR				BRONZE				BLACK			
			ITEM #	1-2	3-6	7+	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	$150	$140	$130	323033	$185	$175	$165	323040	$185	$175	$165	323047	$185	$175	$165
3"	EVWS/B	7.7	323027	150	140	130	323034	185	175	165	323041	185	175	165	323048	185	175	165
3-1/2"	EVW/B	6.9	323028	370	350	320	323035	410	390	370	323042	410	390	370	323049	410	390	370
4"	EVWAF/B	20	323029	420	400	380	323036	470	460	430	323043	470	460	430	323050	470	460	430
5"	LVW/B	14	323030	420	400	380	323037	470	460	430	323044	470	460	430	323051	470	460	430
6"	LVW6/B	25	323031	640	600	570	323038	680	660	620	323045	680	660	620	323052	680	660	620
6-1/2"	LVW65/B	30	323032	760	720	690	323039	800	770	740	323046	800	770	740	323053	800	770	740

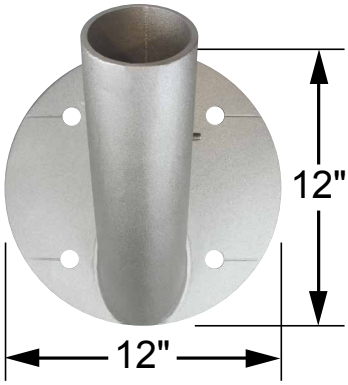
All poles on pages 139 through 157 can be mixed to achieve the higher quantity pricing, but shipment must be made to the same location at the same time.

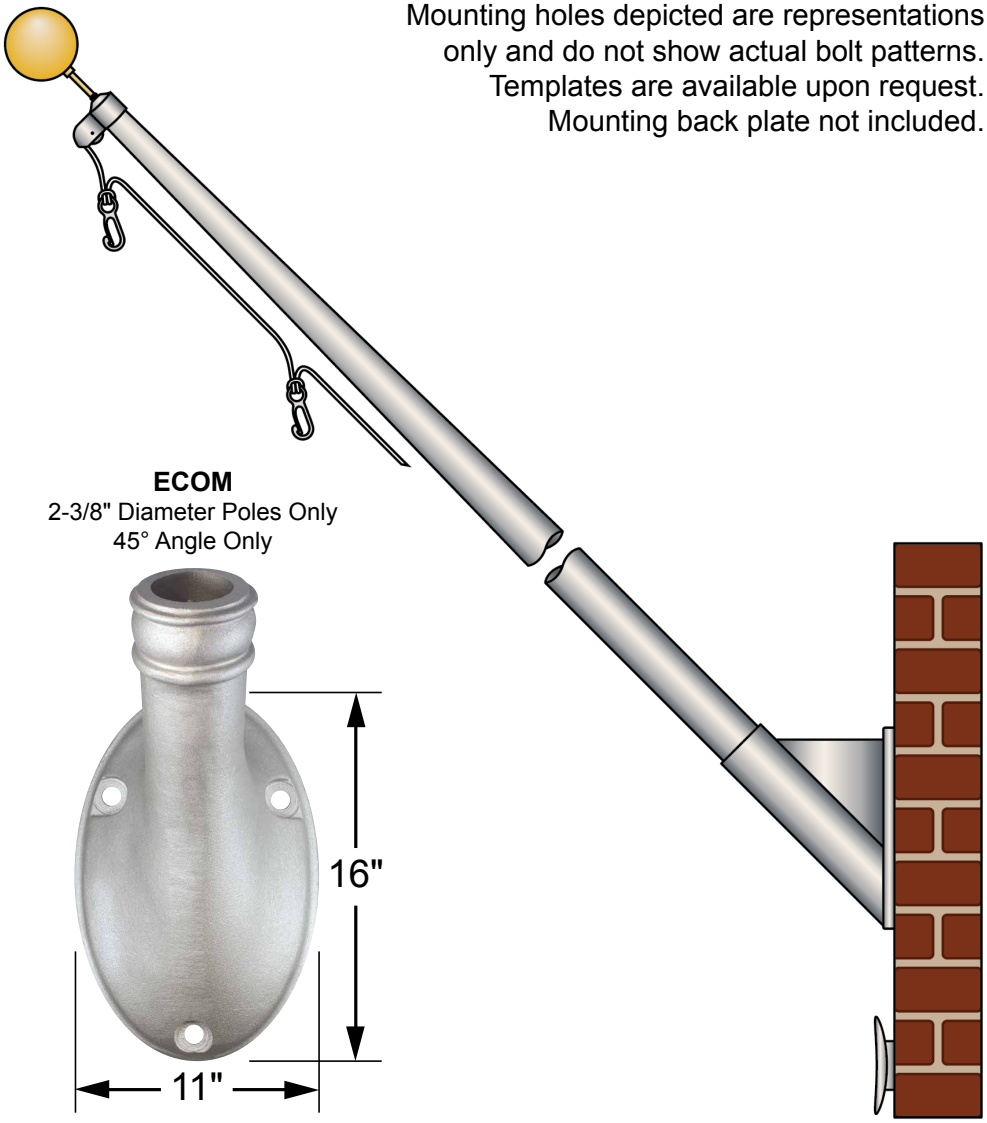
OUTRIGGER WALL MOUNT SERIES

External Halyard Aluminum Flagpoles

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

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

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.
ECOM14	14'	•		2-3/8"	1-7/8"	.140	3' x 5'	62 lbs.
ECOM16	16'	•		2-3/8"	1-7/8"	.140	3' x 5'	65 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.
ECO20**	20'	•		3-1/2"	2-3/8"	.125	4' x 6'	80 lbs.

**Suggested to use guy wires

STANDARD ACCESSORIES

- Gold anodized aluminum ball ornament
- Cast aluminum stationary truck
- Solid braided polypropylene halyard
- (2) nylon flag snaps
- Cast aluminum cleat with mounting screws
- Cast aluminum mounting brackets.
- If thru wall bolts are required, please advise length of bolt needed.

All poles on pages 139 through 157 can be mixed to achieve the higher quantity pricing, but shipment must be made to the same location at the same time.

OUTRIGGER WALL MOUNT SERIES

External Halyard Aluminum Flagpoles

ECOM

ECOST & ECOS

ECO

Outrigger complete sets include bracket & mounting hardware.

SATIN COMPLETE SETS

MODEL	ITEM #	1-2	3-6	7+
ECOM8	323061	$880	$860	$790
ECOM10	323062	900	870	790
ECOM12	323063	920	880	800
ECOM14	323064	940	890	850
ECOM16	323065	950	900	860
ECOST8	323066	510	490	470
ECOST10	323067	530	510	490
ECOS8	323068	500	480	450
ECOS10	323069	510	490	470
ECO8	324061	1,260	1,210	1,150
ECO10	324057	1,270	1,230	1,170
ECO12	323070	1,310	1,240	1,180
ECO16	323071	1,330	1,270	1,210
ECO20	323072	1,370	1,290	1,230

CLEAR ANODIZED COMPLETE SETS

MODEL	ITEM #	1-2	3-6	7+
ECOM8	323073	$1,100	$1,030	$970
ECOM10	323074	1,110	1,040	980
ECOM12	323075	1,120	1,070	990
ECOM14	323076	1,130	1,090	1,000
ECOM16	323077	1,140	1,100	1,010
ECOST8	323078	660	630	600
ECOST10	323079	700	680	630
ECOS8	323080	570	540	520
ECOS10	323081	620	580	560
ECO8	324062	1,660	1,600	1,500
ECO10	324058	1,680	1,620	1,530
ECO12	323082	1,710	1,630	1,560
ECO16	323083	1,730	1,650	1,580
ECO20	323084	1,770	1,670	1,600

BRONZE ANODIZED COMPLETE SETS

MODEL	ITEM #	1-2	3-6	7+
ECOM8	323085	$1,250	$1,200	$1,130
ECOM10	323086	1,270	1,220	1,150
ECOM12	323087	1,300	1,240	1,180
ECOM14	323088	1,330	1,270	1,210
ECOM16	323089	1,370	1,300	1,240
ECOST8	323090	680	640	600
ECOST10	323091	720	700	660
ECOS8	323092	600	570	530
ECOS10	323093	640	620	580
ECO8	324063	1,700	1,630	1,550
ECO10	324059	1,720	1,650	1,570
ECO12	323094	1,740	1,660	1,590
ECO16	323095	1,780	1,680	1,610
ECO20	323096	1,800	1,710	1,620

BLACK ANODIZED COMPLETE SETS

MODEL	ITEM #	1-2	3-6	7+
ECOM8	323097	$1,260	$1,210	$1,150
ECOM10	323098	1,290	1,240	1,180
ECOM12	323099	1,310	1,260	1,200
ECOM14	323100	1,340	1,290	1,230
ECOM16	323101	1,380	1,310	1,260
ECOST8	323102	730	700	660
ECOST10	323103	740	720	700
ECOS8	323104	640	620	570
ECOS10	323105	680	640	600
ECO8	324064	1,740	1,660	1,580
ECO10	324060	1,760	1,680	1,600
ECO12	323106	1,770	1,680	1,590
ECO16	323107	1,790	1,700	1,610
ECO20	323108	1,810	1,720	1,630

Brackets only do not include mounting hardware. Mounting hardware priced separately on Page 185

SATIN BRACKET ONLY

MODEL	ITEM #	1-2	3-6	7+
ECOM/B	323157	$490	$470	$450
ECOST/B	323158	290	280	250
ECO/B	323159	970	920	880

CLEAR BRACKET ONLY

MODEL	ITEM #	1-2	3-6	7+
ECOM/B	323160	$670	$620	$590
ECOST/B	323161	320	310	300
ECO/B	323162	1,110	1,030	970

BRONZE BRACKET ONLY

MODEL	ITEM #	1-2	3-6	7+
ECOM/B	323163	$670	$620	$590
ECOST/B	323164	320	310	300
ECO/B	323165	1,110	1,030	970

BLACK BRACKET ONLY

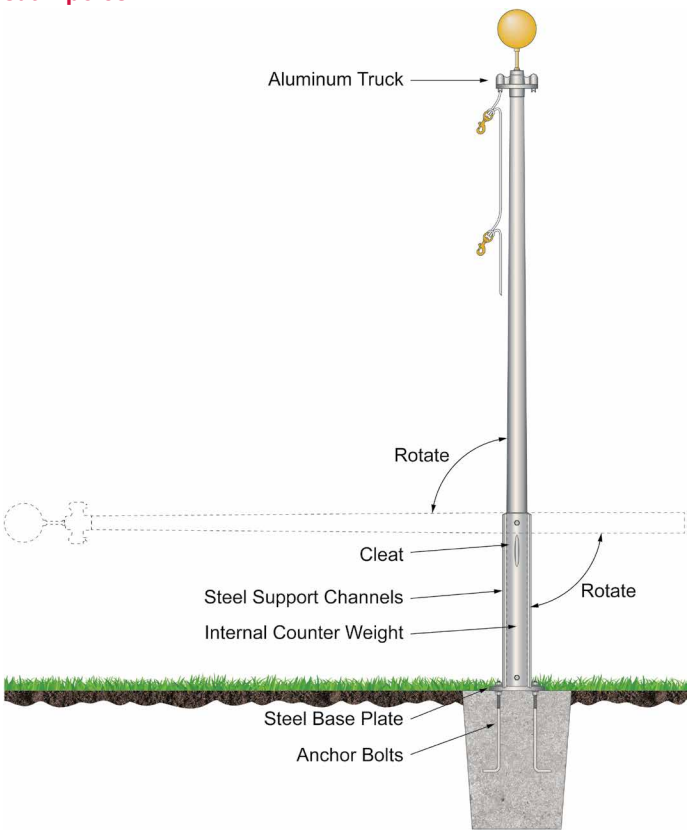
MODEL	ITEM #	1-2	3-6	7+
ECOM/B	323166	$670	$620	$590
ECOST/B	323167	320	310	300
ECO/B	323168	1,110	1,030	970

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

All poles on pages 139 through 157 can be mixed to achieve the higher quantity pricing, but shipment must be made to the same location at the same time.

COUNTER-BALANCED TILTING FLAGPOLES

All of the 4"-10" diameter cone tapered aluminum flagpoles on pages 139 through 147 can be adapted with a counter-balanced tilt system. For ease of maintenance, the counter-balanced tilting flagpole has no equal. This unique design features a steel counter-weight inside the flagpole shaft to avoid disturbing the appearance of the tapered shaft. The base structure consists of two support channels welded to a base plate. The flagpole shaft is suspended by a pivot bolt and secured with a locking clip assembly. Anchor bolts are furnished for mounting to a concrete base. **Please allow 4 to 6 weeks after approval for shipping on satin poles.**

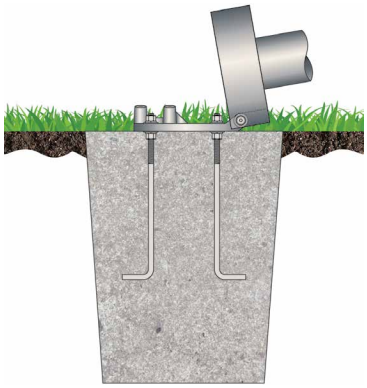


FOR COUNTER-BALANCED TILTING FLAGPOLES, ADD THE FOLLOWING PRICING TO ANY OF THE 4"-10" DIAMETER FLAGPOLES ON PAGES 139-147.

BUTT DIAMETER	PRICE
4"	$1,630
5"	2,370
6"	3,060
7"	4,070
8"	5,560
10"	9,350

TILTING SHOE BASE FLAGPOLES

All of the cone tapered aluminum flagpoles on pages 139 through 153 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.



FOR TILTING SHOE BASE FLAGPOLES, ADD THE FOLLOWING PRICING TO ANY OF THE FLAGPOLES ON PAGES 139-153.

BUTT DIA.	1-2	3-6	7+
3"	$450	$430	$400
4"	550	510	490
5"	570	540	500
6"	570	540	500

SHOE BASE FLAGPOLES

All of the cone tapered aluminum flagpoles on pages 139 through 153 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.

FOR SHOE BASE FLAGPOLES, ADD THE FOLLOWING PRICING TO ANY OF THE FLAGPOLES ON PAGES 139-153.

BUTT DIA.	1-2	3-6	7+
2-3/8"	$270	$260	$250
3"	280	270	250
4"	300	290	280
5"	330	310	300
6"	350	330	310
7"	360	350	330
8"	390	380	360
10"*	1,730	1,670	1,580
12"*	Call for pricing.		

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

GROUND SET DIMINISHING SECTION STEEL FLAGPOLES

Diminishing Section Steel Flagpoles are fabricated from all new seamless steel tubing.
Diminishing sections, welded together, form a tapered appearance.
Sizes below are most commonly used. We can also fabricate other sizes to any specifications.

EXTERNAL HALYARD STANDARD ACCESSORIES

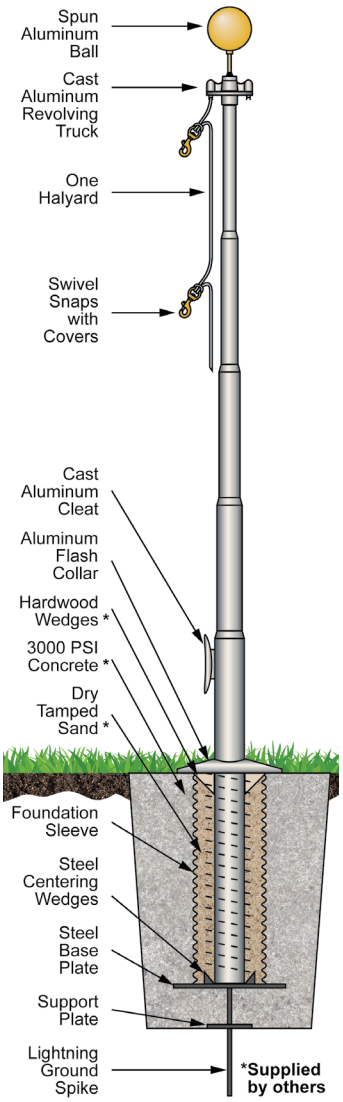
- **Ball:** 14 Ga. Aluminum with flash seam. Gold anodized is furnished unless otherwise specified or choose from Clear Anodized (Silver) or finished to match shaft.
- **Truck:** External halyard heavy duty, non-fouling, revolving with stainless steel sealed lubricant ball bearing assemblies.
- **Halyard:** One waterproof, mildew and U.V.-resistant nylon halyard with wire center. Choose: White, Silver, Black or Brown to match shaft.
- **Cleat:** Heavy-duty cast aluminum finished to match shaft. Secured with two stainless steel, flat-head, tamper-proof machine screws.
- **Collar:** Ornamental base or flash collar of spun aluminum with a diameter of at least 1" larger than the foundation sleeve.
- **Foundation Sleeve:** 16 Ga. Corrugated steel tubing with lightning spike, base plate, support plate and centering wedges.

INTERNAL HALYARD STANDARD ACCESSORIES

- **Ball (optional):** 14 Ga. Aluminum with flash seam. Gold anodized is furnished unless otherwise specified or choose from Clear Anodized (Silver) or finished to match shaft.
- **Truck:** Internal halyard heavy duty, revolving with enclosed stainless steel bearings and raceway.
- **Halyard:** One stainless steel aircraft cable with proper size flag arrangement, shock spring, counterweight, beaded retainer ring and flag snaps.
- **Winch:** Mounted inside shaft and operable only by a removable crank handle. Permits rapid raising and lowering of flag with little effort.
- **Collar:** Ornamental base or flash collar of spun aluminum with a diameter of at least 1" larger than the foundation sleeve.
- **Foundation Sleeve:** 16 Ga. Corrugated steel tubing with lightning spike, base plate, support plate and centering wedges.

Recommendation: flagpoles above 100' exposed height should be equipped with an internal halyard to aid in raising and lowering larger flags.

EXTERNAL HALYARD



Finish: All of our steel flagpoles are mechanically cleaned and chemically etched to provide a smooth surface. Two coats of two-part polyurethane primer are applied before application of two polyurethane finish coats. Specify custom or one of these standard colors: Aluminum (silver), Light Bronze, Medium Bronze, Dark Bronze, Black or White. Trucks are finished to match flagpole shaft.

EXPOSED HEIGHT	OVERALL LENGTH	# OF SECTIONS	BUTT DIA.	TOP DIA.	WALL	FIELD WELDS	UNFLAGGED MAX. WIND SPEED	FLAGGED MAX. WIND SPEED	MAXIMUM SUGGESTED FLAG SIZE	SHIPPING WEIGHT
90'	99'	5	10.75"	4.5"	.375	2	100+ MPH	78 MPH	25' x 40'	2700 lbs.
100'	110'	5	12.75"	5.563"	.375	2	100+ MPH	88 MPH	30' x 50'	3900 lbs.
110'	121'	5	14"	6.625"	.375	2	100+ MPH	87 MPH	30' x 50'	4100 lbs.
120'	132'	6	14"	6.625"	.375	3	100+ MPH	85 MPH	30' x 50'	4900 lbs.
130'	143'	6	18"	6.625"	.375	3	100+ MPH	88 MPH	30' x 50'	6400 lbs.

EXTERNAL HALYARD PRICING			
MODEL	1-2	3-6	7+
EST90	Call for pricing.		
EST100			
EST110			
EST120			
EST130			

INTERNAL HALYARD PRICING			
MODEL	1-2	3-6	7+
EST90IH	Call for pricing.		
EST100IH			
EST110IH			
EST120IH			
EST130IH			

EXTERNAL HALYARD ITEM NUMBERS						
MODEL	SILVER ITEM #	LT. BRONZE ITEM #	MED. BRONZE ITEM #	DK. BRONZE ITEM #	BLACK ITEM #	WHITE ITEM #
EST90	322638	322663	322643	322648	322653	322658
EST100	322639	322664	322644	322649	322654	322659
EST110	322640	322665	322645	322650	322655	322660
EST120	322641	322666	322646	322651	322656	322661
EST130	322642	322667	322647	322652	322657	322662

INTERNAL HALYARD ITEM NUMBERS						
MODEL	SILVER ITEM #	LT. BRONZE ITEM #	MED. BRONZE ITEM #	DK. BRONZE ITEM #	BLACK ITEM #	WHITE ITEM #
EST90IH	322668	322693	322673	322678	322683	322688
EST100IH	322669	322694	322674	322679	322684	322689
EST110IH	322670	322695	322675	322680	322685	322690
EST120IH	322671	322696	322676	322681	322686	322691
EST130IH	322672	322697	322677	322682	322687	322692

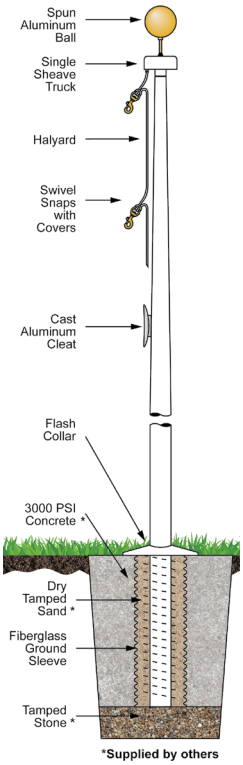
FIBERGLASS SERIES

Our fiberglass flagpoles are manufactured to duplicate the classic Greek Entasis taper design. All poles have an ultra-hard, gel coat finish that stands up to the harshest of weather conditions. Our rugged gel coat finish is especially well suited near salt water or in other extreme weather conditions - our poles will not corrode, pit or rust. Since fiberglass is a non-conductor, no grounding is required; thus installation is easy and inexpensive. Our standard flagpoles have a Brilliant White pre-cast gel coat finish. Other colors are available upon request; please contact us for a prompt quotation. Our innovative molding process produces a flagpole shaft with a tensile strength of 50,000 pounds per square inch. Inside a steel clam shell mold, seven layers of reinforced fiberglass roving, mixed with a polyester resin is aligned in a vertical plane for maximum strength and placed on a thick layer of gel-coat. An inflatable bladder is laid the entire length of the mold. The mold is closed, the bladder inflated and the resulting pole is created by subtle pressure and slow curing during an exothermic chemical reaction.

MODEL	EXPOSED HEIGHT	OVERALL LENGTH	# OF SECTIONS	BUTT DIA.	TOP DIA.	WALL	UNFLAGGED MAX. WIND SPEED	SUGGESTED FLAG SIZE	SHIPPING WEIGHT
FGR15	15'	16-1/2'	1	4"	2-1/2"	.140	160 MPH	2' x 3'	25 lbs.
FGR20	20'	22'	1	4-1/4"	2-1/2"	.140	140 MPH	3' x 5'	40 lbs.
FGR25	25'	27'	1	4-1/4"	2-1/2"	.140	120 MPH	4' x 6'	45 lbs.
FG25	25'	27'	1	6	3"	.175	130 MPH	4' x 6'	107 lbs.
FG30	30'	33'	1	6-3/4"	3"	.175	130 MPH	5' x 8'	131 lbs.
FG35	35'	39'	1	7"	3"	.200	125 MPH	5' x 8'	172 lbs.
FG40	40'	44'	2**	7"	3"	.200	120 MPH	8' x 12'	194 lbs.
FG50	50'	50'	2**	10"	4-1/2"	.200	120 MPH	10' x 15'	559 lbs
FG60	60'	60'	2**	10-1/2"	4-1/2"	.200	120 MPH	15' x 25'	710 lbs.

**** Flagpoles shipped in two sections with self-aligning joint.**

EXTERNAL HALYARD FIBERGLASS FLAGPOLES



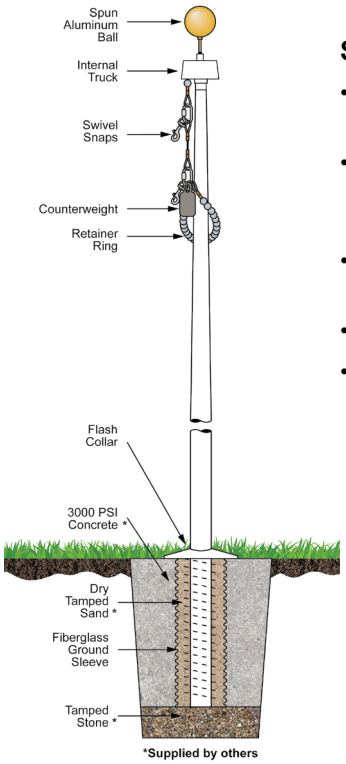
STANDARD ACCESSORIES

- Gold anodized aluminum ball ornament
- Stationary truck on FGR poles, Revolving truck on FG poles
- Solid braided polypropylene halyard
- Swivel flag snaps with vinyl covers on all models except FGR15, FGR20 & FGR25 which are supplied with nylon snaps
- A cast aluminum cleat with mounting screws is supplied on all models except the FGR15 which is supplied with a cast nylon cleat
- A flash collar is supplied on all models except the FGR15, FGR20 and FGR25; a flash collar is available for these poles as an option (for collar add $34.00)
- Fiberglass foundation sleeve

WHITE

MODEL	ITEM #	1-2	3-6	7+
FGR15	323172	$620	$570	$550
FGR20	323173	860	810	780
FGR25	323174	1,070	1,030	980
FG25	323175	Call for pricing and availability.		
FG30	323176			
FG35	323177			
FG40	323178			
FG50	323179			
FG60	323180			

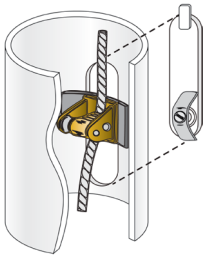
INTERNAL HALYARD FIBERGLASS FLAGPOLES



STANDARD ACCESSORIES

- Gold anodized aluminum ball ornament
- Stationary truck on poles 25' – 40', Revolving truck on poles 50' and above
- Swivel flag snaps with vinyl covers on all models
- Flash collar
- Fiberglass foundation sleeve

Internal Cam Cleat & Handhole Door



WHITE

MODEL	ITEM #	1-2	3-6	7+
FG25IH	323256	Call for pricing and availability.		
FG30IH	323257			
FG35IH	323258			
FG40IH	323259			
FG50IH	—			
FG60IH	—			

Contact us for pricing on Fiberglass: Custom Colors, Nautical Flagpoles, Vertical Wall Mount Flagpoles and Outrigger Wall Mount Flagpoles.

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	$15	$13	—	—	—	—	—	—
SB103	3"	1/2"-13NC	.30	330000	24	22	330007	30	29	330082	28	26
SB104	4"	1/2"-13NC	.45	330001	29	27	330008	40	37	330083	35	33
SB105	5"	1/2"-13NC	.60	330002	34	31	330009	45	42	330084	38	35
SB106	6"	1/2"-13NC	.80	330003	43	39	330010	64	58	330085	45	41
SB108	8"	1/2"-13NC	1.4	330004	78	72	330011	98	89	330086	80	76
SB110	10"	5/8"-11NC	2.2	330005	127	114	330012	131	121	330087	105	100
SB112	12"	5/8"-11NC	3.1	330006	149	136	330013	163	147	330088	124	116

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	$31	$30	330021	$31	$30	330028	$31	$30
SB104	4"	1/2"-13NC	.45	330015	41	37	330022	41	37	330029	41	37
SB105	5"	1/2"-13NC	.60	330016	47	44	330023	47	44	330030	47	44
SB106	6"	1/2"-13NC	.80	330017	64	58	330024	64	58	330031	64	58
SB108	8"	1/2"-13NC	1.4	330018	100	91	330025	100	91	330032	100	91
SB110	10"	5/8"-11NC	2.2	330019	149	136	330026	149	136	330033	149	136
SB112	12"	5/8"-11NC	3.1	330020	170	155	330027	170	155	330034	170	155

Aluminum Ball Ornaments can be mixed to achieve the higher quantity pricing.

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	$183	$167	330041	$233	$209
SS105	5"	1/2"-13NC	2.0	330036	225	205	330042	275	246
SS106	6"	1/2"-13NC	2.5	330037	233	211	330043	290	255
SS108	8"	1/2"-13NC	4.1	330038	292	265	330044	347	314
SS110	10"	5/8"-11NC	6.1	330039	406	365	330045	458	411
SS112	12"	5/8"-11NC	7.8	330040	499	452	330046	537	491

Stainless Steel Ball Ornaments can be mixed to achieve the higher quantity pricing.

GOLD LEAF COPPER BALL ORNAMENTS

MODEL	ITEM #	DIA.	SPINDLE THREADING	1-5	6+	LBS.
GL104	330047	4"	1/2"-13NC	$238	$213	1.5
GL105	330048	5"	1/2"-13NC	278	264	2.0
GL106	330049	6"	1/2"-13NC	341	326	2.6
GL108	330050	8"	5/8"-11NC	556	528	4.2
GL110	330051	10"	5/8"-11NC	925	886	7.7
GL112	330052	12"	5/8"-11NC	1,362	1,296	8.1

Gold Leaf Copper Ball Ornaments can be mixed to achieve higher quantity pricing.

COPPER BALL ORNAMENTS

With Clear Lacquer Finish

MODEL	ITEM #	DIA.	SPINDLE THREADING	1-5	6+	LBS.
CB104	330091	4"	1/2"-13NC	$150	$142	1.5
CB105	330092	5"	1/2"-13NC	188	179	2.0
CB106	330093	6"	1/2"-13NC	224	213	2.5
CB108	330094	8"	5/8"-11NC	295	282	4.1
CB110	330095	10"	5/8"-11NC	435	415	4.9
CB112	330096	12"	5/8"-11NC	732	696	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

E-11 NATURAL

E-16 NATURAL

E-24 NATURAL

MODEL	WING SPAN	HEIGHT	SPINDLE THREADING	LBS.	GOLD			NATURAL		
					ITEM #	1-5	6+	ITEM #	1-5	6+
E-11	11-1/4"	12"	1/2"-13NC	2.7	330055	$107	$102	330058	$136	$124
E-16	15"	18"	1/2"-13NC	5.4	330056	134	126	330059	186	169
E-24	24"	10"	1/2"-13NC	6.4	330057	236	215	330060	260	234

Aluminum Flying Eagles can be mixed to achieve the higher quantity pricing.

GOLD ANODIZED ALUMINUM GLOBE FOR E-16 EAGLE

Slips Over The Spindle of the E-16 Eagle

ITEM #	DIAMETER	PRICE	LBS.
330090	3"	$16.10	.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	$45.50	1.4
E-9PC	330098	9-1/4"	7-1/4"	1/2"-13NC	66.00	2.0
E-12PC	330097	12"	8-1/2"	1/2"-13NC	70.00	3.3

Metal Eagle Ornaments can be mixed to achieve the higher quantity pricing.

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	$98	$91	1.3
PC12	330079	13"	6-3/4"	1/2"-13NC	136	126	1.7

Plain Aluminum Crosses can be mixed to achieve the higher quantity pricing.

ALUMINUM BOTONÉE CROSSES

Painted Gold

MODEL	ITEM #	CROSS HT.	CROSS WIDTH	SPINDLE THREADING	1-5	6+	LBS.
BC12	330081	12"	12"	5/8"-11NC	$163	$147	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)

* Can be supplied with other threading sizes if desired

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	$26.00	$24.00	340005	$29.50	$27.00	340010	$29.50	$27.00	340015	$29.50	$27.00
ST-1-12	1-1/2"	1.0	340001	26.00	24.00	340006	29.50	27.00	340011	29.50	27.00	340016	29.50	27.00
ST-1-34	1-3/4"	.90	340002	26.00	24.00	340007	29.50	27.00	340012	29.50	27.00	340017	29.50	27.00
ST-1-16	1-15/16"	.80	340003	26.00	24.00	340008	29.50	27.00	340013	29.50	27.00	340018	29.50	27.00
ST-1-20	2"	.80	340004	26.00	24.00	340009	29.50	27.00	340014	29.50	27.00	340019	29.50	27.00

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)

* Can be supplied with other threading sizes if desired

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	$53	$48	340042	$57	$53	340044	$57	$53	340046	$57	$53
ST-2	2-3/8"	1.7	340041	53	48	340043	57	53	340045	57	53	340047	57	53

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)

* Can be supplied with other threading sizes if desired

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+
OTH	2"	.55	340056	$24.00	$22.00	340062	$27.00	$25.00	340068	$27.00	$25.00	340074	$27.00	$25.00
OT1	2-3/8"	.95	340057	33.50	27.00	340063	37.00	33.00	340069	37.00	33.00	340075	37.00	33.00
OT25	2-1/2"	.95	340058	35.00	29.50	340064	41.00	35.00	340070	41.00	35.00	340076	41.00	35.00
OT2	2-3/4"	1.5	340059	37.00	32.50	340065	42.00	37.00	340071	42.00	37.00	340077	42.00	37.00
OT3	3"	1.3	340060	41.00	35.00	340066	44.00	41.00	340072	44.00	41.00	340078	44.00	41.00
OT325	3-1/4"	1.2	340343	42.00	36.00	340344	47.00	44.00	340345	47.00	44.00	340346	47.00	44.00
OT35	3-1/2"	1.8	340061	45.00	42.00	340067	48.00	45.00	340073	48.00	45.00	340079	48.00	45.00

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

* Can be supplied with other threading sizes if desired

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	$91	$80	340308	$100	$90	340309	$100	$90	340352	$100	$90
RTC-1-2	2"	1.6	340104	91	80	340106	100	90	340108	100	90	340110	100	90
RTC-1-238	2-3/8"	1.9	340105	91	80	340107	100	90	340109	100	90	340111	100	90

All trucks on pages 164 thru 167 except the fiberglass trucks can be mixed to achieve the higher quantity pricing.
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 164, 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	$91	$80	340310	$100	$90	340311	$100	$90	340354	$100	$90
RTC-2-2	2"	2.3	340120	91	80	340122	100	90	340124	100	90	340126	100	90
RTC-2-238	2-3/8"	2.6	340121	91	80	340123	100	90	340125	100	90	340127	100	90

For External Halyard Poles • Threaded • Revolving • Single Pulley

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

* Can be supplied with other threading sizes if desired

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	$74	$67	340137	$80	$74	340138	$80	$74	340139	$80	$74

For External Halyard Poles • Threaded • Revolving • Single Pulley

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

* Can be supplied with other threading sizes if desired

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	$83	$76	340361	$89	$83	340362	$89	$83	340363	$89	$83

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	$80	$74	340145	$85	$77	340146	$85	$77	340147	$85	$77

For External Halyard Poles • Threaded • Revolving • Single Pulley

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 5-1/2" 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 enclosed stainless steel bearings and raceway

* Can be supplied with other threading sizes if desired

† The revolving arm can be modified for larger pole top diameters; contact us for a prompt quotation.

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	5-1/2"	4.8	340335	$171	$155	340336	$186	$167	340337	$186	$167	340338	$186	$167

All trucks on pages 164 thru 167 except the fiberglass trucks can be mixed to achieve the higher quantity pricing.
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

HDT-2 SERIES

Same description as our HDT-1 Series on page 165, except:

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

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	$195	$177	340153	$211	$191	340154	$211	$191	340155	$211	$191

For External Halyard Poles • Threaded • Revolving • Double Pulley

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

* Can be supplied with other threading sizes if desired

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	$720	$650	340162	$760	$685	340164	$760	$685	340166	$760	$685
XHDT-SS	STAINLESS STEEL	12	340161	1,380	1,240	340163	1,405	1,265	340165	1,405	1,265	340167	1,405	1,265

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

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)

* Can be supplied with other threading sizes if desired

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	$61	$56	340180	$70	$61	340182	$70	$61	340184	$70	$61
IH-1-35	3-1/2"	2.3	340179	81	75	340181	94	83	340183	94	83	340185	94	83

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

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.

* Can be supplied with other threading sizes if desired

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	$215	$196	340198	$237	$215	340206	$237	$215	340202	$237	$215
IHT-1	6-1/2"	6-1/2"	4"	6.4	340195	323	291	340199	351	317	340207	351	317	340203	351	317
IHT-2	7-1/2"	7-1/4"	5"	8.7	340196	389	350	340200	424	381	340208	424	381	340204	424	381
IHT-3	10-1/2"	8-1/2"	7-1/2"	13.6	340197	784	706	340201	869	781	340209	869	781	340205	869	781

All trucks on pages 164 thru 167 except the fiberglass trucks can be mixed to achieve the higher quantity pricing.
If medium bronze #312, light bronze #311 or a custom color is desired please specify when ordering.

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)

* Can be supplied with other threading sizes if desired

For Rope Style Internal Halyard Poles • Threaded • 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+
IHT-VS	3-1/2"	2.4	340312	$85	$77	340313	$95	$85	340314	$95	$85	340315	$95	$85

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

* Can be supplied with other threading sizes if desired

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	$135	$123	340171	$154	$135	340172	$154	$135	340173	$154	$135

For External Halyard Poles • Threaded • Revolving • Double Pulley

MODEL	ITEM #	FITS POLE DIA.	1-5	6+	LBS.
RTSB	340168	4"	$373	$345	8.0

BA SERIES

- **Construction:** cast bronze alloy
- **Pulleys:** 1-15/16" outside diameter cast nylon on 1/4" stainless steel axles
- **Max halyard diameter:** 5/16"
- **Truck Spindle:** 1-1/4" 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 stainless steel sealed lubricant ball bearing assemblies for ease of rotation, product life and strength

* Can be supplied with other threading sizes if desired

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

COLOR	ITEM #	FITS POLE DIA.	1-5	6+	LBS.
WHITE	340226	2" INSIDE DIA.	$105	$94	1.4

FIBERGLASS-1 SERIES

- **Construction:** molded fiberglass
- **Pulley:** 3/4" outside diameter cast nylon on a 3/16" stainless steel axle
- **Max halyard diameter:** 1/4"
- **Truck Stem:** designed to slip into a 2" inside diameter pole top. The truck is held in place by drilling thru the pole and securing the truck to the pole with an appropriate size bolt or screw (not included)
- **Ornaments:** accepts spindle threading of 1/2"-13NC.

For External Halyard Poles • Threaded • Stationary • Double Pulley

COLOR	ITEM #	FITS POLE DIA.	1-5	6+	LBS.
WHITE	340228	3-1/2"	$105	$94	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 Spindle (Aluminum):** 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.

For Internal Halyard Poles • Threaded • Stationary • Single Pulley

COLOR	ITEM #	FITS POLE DIA.	1-5	6+	LBS.
WHITE	340232	3-1/4"	$105	$94	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 Spindle (Aluminum):** 1-1/4" NPT threading. Hollow spindle allows the halyard to feed from inside the flagpole
- **Flagpole:** For up to 3-1/4" outside top diameter pole w/ female fitting installed
- **Ornaments:** accepts spindle threading of 1/2"-13NC.

All trucks on pages 164 thru 167 except the fiberglass trucks can be mixed to achieve the higher quantity pricing.
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. Pole Top Adapters can be mixed to achieve the higher quantity pricing.

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	$54	$49	340247	$59	$54	340256	$59	$54	340265	$59	$54
PTA-212	2-1/2"	.68	340239	54	49	340248	59	54	340257	59	54	340266	59	54
PTA-3	3"	1.0	340240	74	69	340249	80	74	340258	80	74	340267	80	74
PTA-312	3-1/2"	1.3	340241	74	69	340250	80	74	340259	80	74	340268	80	74
PTA-4	4"	1.6	340242	89	78	340251	97	87	340260	97	87	340269	97	87
PTA-412	4-1/2"	2.0	340243	89	78	340252	97	87	340261	97	87	340270	97	87
PTA-5	5"	2.4	340244	89	78	340253	97	87	340262	97	87	340271	97	87
PTA-512	5-1/2"	2.9	340245	116	104	340254	125	113	340263	125	113	340272	125	113
PTA-6	6"	3.8	340246	116	104	340255	125	113	340264	125	113	340273	125	113

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	$21.00	$19.00	340276	$24.00	$22.00	340278	$24.00	$22.00	340280	$24.00	$22.00
FC-212	2-1/2"	.60	340275	24.00	22.00	340277	26.00	24.00	340279	26.00	24.00	340281	26.00	24.00

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"	$19.50	$18.50	.02
STANDARD	340237	3-1/8"	1"	#8-32NC	ZINC PLATED STEEL	ZINC	ZINC	3/16"	5.80	5.30	.07

ROPE PULLEYS

NYLON

ALUMINUM

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	$3.30	$3.00	.01
340356*	1-1/2"	1/2"	NYLON	1/4"	1/4"	OTH, IH-1-35, OT35	4.60	4.10	.03
340355	1-1/2"	9/16"	NYLON	1/4"	1/4"	ST2, ST3, OT1, OT25, IH-1 INNER PULLEY INSERT	4.60	4.10	.03
340358	1-1/2"	3/4"	NYLON	1/4"	5/16"	RTS-1-125, RTC-1-138, RTC-1-2, RTC-1-238	4.90	4.60	.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	4.90	4.60	.04
340320	2"	1/2"	NYLON	1/4"	5/16"	OT2, OT3, OT325, IH-1-3, IHT-VS	4.10	3.70	.04
340359	2-1/2"	7/8"	ALUMINUM	1/2"	3/8"	HDT-1	23.00	21.00	.40
340305	3-3/4"	3/4"	ALUMINUM	1/2"	3/8"	HDT-2	23.50	21.50	.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	$24.00	$22.00	.60
340299	BRONZE #313	27.50	25.00	.60
340300	BLACK	27.50	25.00	.60
340301	WHITE	27.50	25.00	.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	$29.00	$26.50	.25
340307	5/8"-11NC	31.50	28.00	.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	$9.40	$8.60	350002	$11.60	$10.10	350004	$11.60	$10.10	350006	$11.60	$10.10
CL9	9"	2-3/4"	.55	350001	13.00	11.30	350003	14.20	12.90	350005	14.20	12.90	350007	14.20	12.90

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	$4.80	$4.50	350010	$6.40	$5.70	350012	$6.40	$5.70	350014	$6.40	$5.70
CLH	6"	1"	.06	350009	5.10	4.80	350011	7.00	6.60	350013	7.00	6.60	350015	7.00	6.60

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	$96.00	$90.00	350017	$102.00	$98.00	350018	$102.00	$98.00	350019	$102.00	$98.00

CAST BRONZE CLEAT

Two 1/4"-20NC Brass Mounting Screws Included

MODEL	ITEM #	LENGTH	DISTANCE BETWEEN BOLT CENTERS	1-5	6+	LBS.
CL9/B	350022	9"	2-3/4"	$67.00	$63.00	1.4

CHROME PLATED CAST BRONZE CLEAT

Two 1/4"-20NC Stainless Steel Mounting Screws Included

MODEL	ITEM #	LENGTH	DISTANCE BETWEEN BOLT CENTERS	1-5	6+	LBS.
CL9/CP	350023	9"	2-3/4"	$80.00	$73.00	1.4

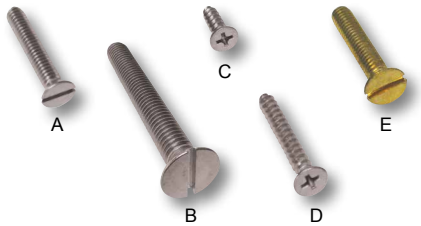
CAST NYLON CLEATS

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"	$3.70	$3.30	.07
CLP-W	350021	WHITE	1-1/8"	3.70	3.30	.07

All of the above Cleats can be mixed to achieve the higher quantity pricing.
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	$0.66	.05
B	ZINC PLATED STEEL	3"	3/8"-16NC	Silver	350026	1.94	.18
C	ZINC PLATED STEEL	5/8"	#10	Silver	350027	0.30	.01
D	ZINC PLATED STEEL	1-1/2"	#10	Silver	350028	0.32	.01
D	STAINLESS STEEL	1-1/2"	#14	White Painted	350249	1.00	.05
E	BRASS ALLOY	1-1/2"	1/4"-20NC	Brass	350041	0.96	.02

With Cylinder Lock **With Padlock**

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

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 you 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, CL9/B, CL9/CP or CL9/SS; see previous page for pricing. Standard colors are Silver, or painted to match Clear, Bronze #313, White or Black.

WITH CYLINDER LOCK AND MOUNTING SCREWS

MODEL	FITS POLE DIA.	LBS.	SILVER			CLEAR			BRONZE #313		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
CBC-335	3"–3½"	5.0	350042	$127	$114	350046	$139	$127	350050	$139	$127
CBC-412	4"–12"	5.0	350043	127	114	350047	139	127	350051	139	127

MODEL	FITS POLE DIA.	LBS.	WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+
CBC-335	3"–3½"	5.0	350054	$139	$127	350058	$139	$127
CBC-412	4"–12"	5.0	350055	139	127	350059	139	127

WITH PADLOCK LOCK AND MOUNTING SCREWS

MODEL	FITS POLE DIA.	LBS.	SILVER			CLEAR			BRONZE #313		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
CB-335	3"–3½"	5.6	350044	$134	$122	350048	$151	$134	350052	$151	$134
CB-412	4"–12"	5.6	350045	134	122	350049	151	134	350053	151	134

MODEL	FITS POLE DIA.	LBS.	WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+
CB-335	3"–3½"	5.6	350056	$151	$134	350060	$151	$134
CB-412	4"–12"	5.6	350057	151	134	350061	151	134

Halyard Cover (Extends Upwards)

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	$121	$107	350070	$147	$133	350074	$147	$133	350078	$147	$133	350082	$147	$133
HC-6	6'	5.9	350067	133	121	350071	163	147	350075	163	147	350079	163	147	350083	163	147
HC-8	8'	7.5	350068	165	149	350072	202	178	350076	202	178	350080	202	178	350084	202	178
HC-10	10'	9.5	350069	198	178	350073	233	210	350077	233	210	350081	233	210	350085	233	210

Halyard Covers can be mixed to achieve the higher quantity pricing.

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

Cylinder Lock

Padlock

LOCKS & KEYS FOR CLEAT BOXES

MODEL	ITEM #	DESCRIPTION	1-5	6+	LBS.
CBC-L	350090	CYLINDER LOCK w/KEYS	$16.30	$15.10	.14
CBC-K	350091	KEY ONLY FOR CYLINDER LOCK	6.90	6.10	.04
CB-L	350092	PADLOCK w/KEYS	12.10	11.10	.46

CLEAT COVER BOX MOUNTING SCREWS

2-1/2" x 1/4"-20NC

ITEM #	COLOR	PRICE	LBS.
350062	SILVER	$0.98	.03

HALYARD COVER MOUNTING SCREWS

5/8" x #10-32NC Stainless Steel

ITEM #	COLOR	PRICE	LBS.
350086	SILVER	$0.44	.01

WALL MOUNTED HALYARD COVERS

The aluminum plate to which the halyard cover is attached measures 6" wide, 1/8" thick and the height is determined by the length of the halyard cover. These units are designed to be mounted using thru wall bolts or expansion shields utilizing 3/8" diameter threaded rod. Expansion shields are supplied as standard. If thru wall bolts are required please specify length. All nuts, washers & lock washers are supplied for a complete installation. Standard colors are Silver, or painted to match Clear, Bronze #313, White or Black. Please specify color when ordering. If not specified when ordering Silver will be supplied. **All Wall Mounted Halyard Covers are made to order. Please allow 1 - 2 weeks after approval for shipping.**

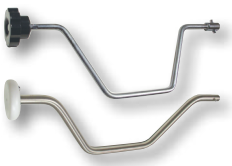
			SILVER			CLEAR			BRONZE #313			WHITE			BLACK		
MODEL	L.	LBS.	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
WMHC-5	5'	9.5	350094	$333	$315	350098	$411	$372	350102	$411	$372	350106	$411	$372	350110	$411	$372
WMHC-6	6'	12	350095	388	350	350099	478	427	350103	478	427	350107	478	427	350111	478	427
WMHC-8	8'	15	350096	457	414	350100	556	500	350104	556	500	350108	556	500	350112	556	500
WMHC-10	10'	19	350097	514	463	350101	631	566	350105	631	566	350109	631	566	350113	631	566

WALL MOUNTED CLEAT BOXES

This unit comes complete with a cleat cover box mounted onto a 20" high, 12" wide, 1/8" thick aluminum plate. Designed to be mounted using thru wall bolts or expansion shields utilizing 3/8" diameter threaded rod. Expansion shields are supplied as standard; if thru wall bolts are required please specify length. All nuts, washers & lock washers are supplied for a complete installation. Standard colors are Silver, or painted to match Clear, Bronze #313, White or Black. Please specify color when ordering. If not specified when ordering Silver will be supplied. **All Wall Mounted Cleat Boxes are made to order. Please allow 1 - 2 weeks after approval for shipping.**

			SILVER			CLEAR			BRONZE #313			WHITE			BLACK		
MODEL	TYPE OF LOCK	LBS.	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
CBWM-C	CYLINDER	10	350114	$265	$237	350116	$305	$278	350118	$305	$278	350120	$305	$278	350122	$305	$278
CBWM-P	PADLOCK	10.5	350115	297	280	350117	316	291	350119	316	291	350121	316	291	350123	316	291

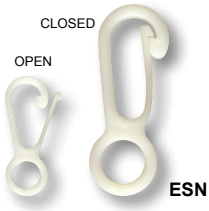
SEE PAGES 175 - 181 FOR INTERNAL HALYARD PARTS & ACCESSORIES



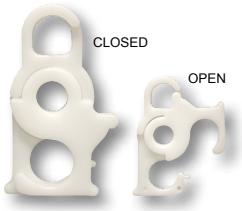
If medium bronze #312, light bronze #311 or a custom color is desired please specify when ordering.

SOLID BRASS SWIVEL SNAPS

MODEL	ITEM #	LENGTH	1-11	12-143	144+	LBS.
ESS	350124	3"	$4.10	$3.70	$3.40	.13
ESSL	350125	3-3/4"	5.70	5.00	4.60	.17
ESSXL	350126	4-3/4"	9.70	8.60	8.00	.30



NYLON SNAPS



MODEL	ITEM #	LENGTH	1-11	12-143	144+	LBS.
ESN	350131	2-3/4"	$0.78	$0.74	$0.68	.01
EVL	350132	3"	9.70	9.20	9.00	.04

NICKEL PLATED ZINC SWIVEL SNAP

MODEL	ITEM #	LENGTH	1-11	12-143	144+	LBS.
ESSZ	350127	3-1/2"	$3.40	$3.20	$2.90	.10

RUBBER COATED BRASS SWIVEL SNAPS

MODEL	ITEM #	LENGTH	COLOR	1-11	12-143	144+	LBS.
ESR-W	350133	3"	WHITE	$9.90	$9.40	$7.90	.13
ESR-B	350134	3"	BROWN	10.40	9.90	8.30	.13

CHROME PLATED BRASS SWIVEL SNAP

MODEL	ITEM #	LENGTH	1-11	12-143	144+	LBS.
ESSC	350128	3-1/2"	$6.00	$5.40	$4.70	.13

SOLID BRASS DOUBLE SNAP

MODEL	ITEM #	LENGTH	1-11	12-143	144+	LBS.
DS-4	350135	4"	$5.30	$4.70	$4.20	.14

STAINLESS STEEL SWIVEL SNAPS

MODEL	ITEM #	LENGTH	1-11	12-143	144+	LBS.
SSFS1	350129	3-3/4"	$17.50	$16.50	$15.50	.13
SSFS2	350130	4-3/4"	21.50	20.50	19.50	.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"	$22.50	$21.50	$20.00	.35

STAINLESS STEEL SPRING CLIPS

ITEM #	LENGTH	1-11	12-143	144+	LBS.
350136	2-3/8"	$3.00	$2.50	$2.40	.06
350254	2-3/4"	4.10	3.80	3.50	.09

VINYL SNAP COVERS

MODEL	ITEM #	COLOR	LEN.	DIA.	1-11	12-143	144+	LBS.
EVC-G	350137	GRAY	3-1/2"	1-1/4"	$2.40	$2.30	$2.20	.05
EVC-B	350138	BROWN	3-1/2"	1-1/4"	2.40	2.30	2.20	.05
EVCXL-G	350139	GRAY	4-1/4"	1-1/2"	3.20	3.10	2.90	.08
EVCXL-B	350140	BROWN	4-1/4"	1-1/2"	3.20	3.10	2.90	.08

All of the above items can be mixed to achieve the higher quantity pricing.

POLYPROPYLENE HALYARD – SOLID BRAIDED MULTIFILAMENT

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	$0.27	350200	$0.28	350204	$0.28	350208	$0.28
PH8	1/4"	.01	350196	0.29	350201	0.31	350205	0.31	350209	0.31
PH10	5/16"	.02	350197	0.34	350202	0.36	350206	0.36	350210	0.36
PH12	3/8"	.02	350198	0.41	350203	0.47	350207	0.47	350211	0.47

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 SPOOL

MODEL	FT. PER SPOOL	DIA.	LBS.	WHITE				SILVER			
				ITEM #	1-2 SPOOLS	3-4 SPOOLS	5+ SPOOLS	ITEM #	1-2 SPOOLS	3-4 SPOOLS	5+ SPOOLS
PH6	1,500	3/16"	16	350195	$395	$332	$265	350200	$413	$357	$316
PH8	1,000	1/4"	14	350196	286	225	199	350201	308	252	225
PH10	600	5/16"	11	350197	199	172	160	350202	211	186	172
PH12	600	3/8"	15	350198	244	199	186	350203	277	212	199
PH16	250	1/2"	16	350199	410	383	357	—	—	—	—

MODEL	FT. PER SPOOL	DIA.	LBS.	BRONZE #313				BLACK			
				ITEM #	1-2 SPOOLS	3-4 SPOOLS	5+ SPOOLS	ITEM #	1-2 SPOOLS	3-4 SPOOLS	5+ SPOOLS
PH6	1,500	3/16"	16	350204	$413	$357	$316	350208	$413	$357	$316
PH8	1,000	1/4"	14	350205	308	252	225	350209	308	252	225
PH10	600	5/16"	11	350206	211	186	172	350210	211	186	172
PH12	600	3/8"	15	350207	277	212	199	350211	277	212	199
PH16	250	1/2"	16	—	—	—	—	—	—	—	—

PRE-BAGGED – PRICED PER BAG

MODEL	LENGTH	DIA.	LBS.	WHITE		SILVER		BRONZE #313	
				ITEM #	PRICE	ITEM #	PRICE	ITEM #	PRICE
NH4	28'	1/8"	.12	350141	$4.10	—	—	—	—
PH6	30'	3/16"	.30	350142	8.30	350154	9.30	350166	9.30
PH6	40'	3/16"	.40	350143	11.20	—	—	350167	11.90
PH8	30'	1/4"	.34	—	—	350252	9.90	—	—
PH8	40'	1/4"	.45	350144	12.00	350156	13.90	350168	13.90
PH8	50'	1/4"	.65	350145	15.00	350157	16.40	350169	16.40
PH8	60'	1/4"	.75	350146	17.50	350158	19.00	350170	19.00
PH10	40'	5/16"	.90	—	—	350253	15.00	—	—
PH10	50'	5/16"	.90	350147	17.50	350159	19.00	350171	19.00
PH10	60'	5/16"	.95	350148	20.30	350160	21.40	350172	21.40
PH10	70'	5/16"	1.2	350149	22.70	350161	25.20	350173	25.20
PH10	80'	5/16"	1.4	350150	26.50	350162	27.70	350174	27.70
PH10	90'	5/16"	1.5	350151	29.00	350163	31.40	350175	31.40
PH10	100'	5/16"	1.5	350152	32.80	350164	35.30	350176	35.30
PH12	120'	3/8"	2.5	350153	40.40	350165	45.20	350177	45.20

NYLON 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	$0.55	350232	$0.60	350236	$0.60	350240	$0.60
NWCH8	1/4"	.03	350229	0.60	350233	0.62	350237	0.62	350241	0.62
NWCH10	5/16"	.04	350230	0.74	350234	0.78	350238	0.78	350242	0.78
NWCH12	3/8"	.04	350231	0.99	350235	1.03	350239	1.03	350243	1.03

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.

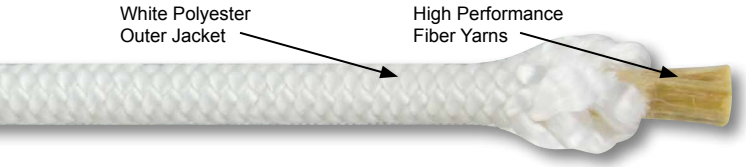
SPOOLS – PRICED PER SPOOL

MODEL	FEET PER SPOOL	DIA.	LBS.	WHITE				SILVER			
				ITEM #	1-2 SPOOLS	3-4 SPOOLS	5+ SPOOLS	ITEM #	1-2 SPOOLS	3-4 SPOOLS	5+ SPOOLS
NWCH6	1,000	3/16"	32	350228	$549	$499	$451	350232	$593	$529	$476
NWCH8	1,000	1/4"	35	350229	593	546	488	350233	614	556	502
NWCH10	500	5/16"	21	350230	367	332	305	350234	389	357	316
NWCH12	500	3/8"	26	350231	494	449	397	350235	511	463	411

MODEL	FEET PER SPOOL	DIA.	LBS.	BRONZE #313				BLACK			
				ITEM #	1-2 SPOOLS	3-4 SPOOLS	5+ SPOOLS	ITEM #	1-2 SPOOLS	3-4 SPOOLS	5+ SPOOLS
NWCH6	1,000	3/16"	31	350236	$593	$529	$476	350240	$593	$529	$476
NWCH8	1,000	1/4"	34	350237	614	556	502	350241	614	556	502
NWCH10	500	5/16"	20	350238	389	357	316	350242	389	357	316
NWCH12	500	3/8"	23	350239	511	463	411	350243	511	463	411

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	$1.28/FOOT	.02
350256	1000' SPOOL	1/4"	WHITE	$1,280/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

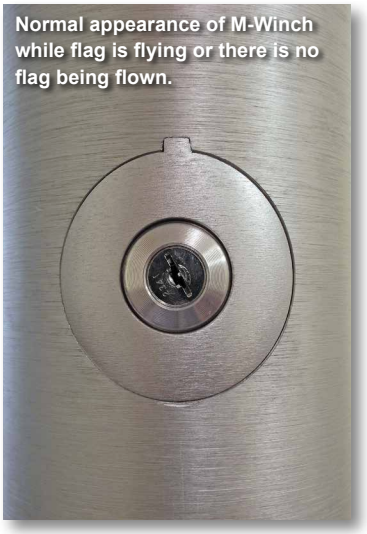
These nylon flag fastener clips are sold two per set and come complete with stainless steel spring clips. The halyard is held firmly in place with a positive lock nylon set screw. Maximum rope diameter 5/16".

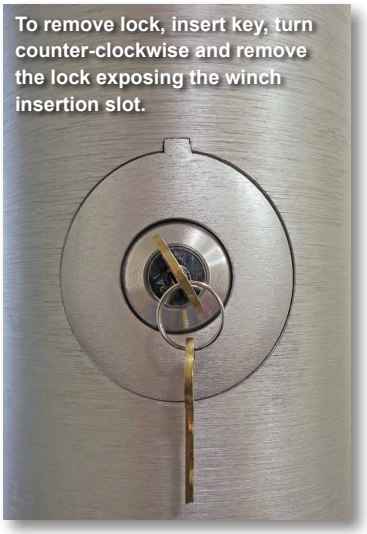
ITEM #	PRICE	LBS.
350255	$9.80 PER SET OF TWO	.20

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. This winch system can be easily adapted to existing on-site flagpoles. The winch is inserted into the pole and secured with a stainless steel bolt on the back side of the pole. Other sizes available upon request.

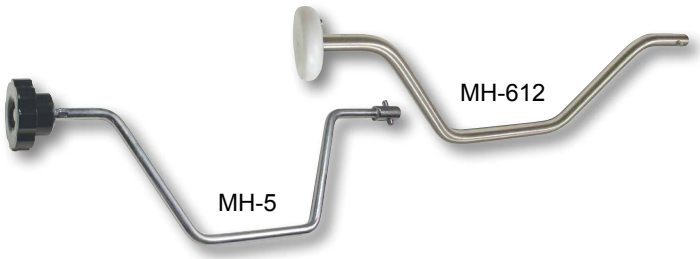




MODEL	FITS POLE DIA.	LBS.	SATIN			CLEAR			BRONZE #313			WHITE			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
M-5	5" w/.125 WALL	1.3	360000	$480	$460	360009	$510	$480	360018	$510	$480	360027	$510	$480	360036	$510	$480
M-5	5" w/.156 WALL	1.3	360344	480	460	360345	510	480	360346	510	480	360347	510	480	360348	510	480
M-6	6"	2.1	360001	760	700	360010	790	740	360019	790	740	360028	790	740	360037	790	740
M-6H	6" w/.250 WALL	2.1	360501	760	700	360502	790	740	360503	790	740	360505	790	740	360504	790	740
M-7	7"	2.3	360002	760	700	360011	790	740	360020	790	740	360029	790	740	360038	790	740
M-8	8"	4.5	360003	850	770	360012	900	840	360021	900	840	360030	900	840	360039	900	840
M-10	10"	4.9	360004	900	840	360013	930	870	360022	930	870	360031	930	870	360040	930	870
M-1034	10-3/4"	5.1	360005	1,030	980	360014	1,080	1,040	360023	1,080	1,040	360032	1,080	1,040	360041	1,080	1,040
M-12	12" w/.250 WALL	5.0	360466	1,030	980	360467	1,080	1,040	360468	1,080	1,040	360469	1,080	1,040	360470	1,080	1,040
M-12	12" w/.375 WALL	5.0	360006	1,030	980	360015	1,080	1,040	360024	1,080	1,040	360033	1,080	1,040	360042	1,080	1,040
M-1234	12-3/4"	7.9	360007	2,100	1,970	360016	2,150	2,000	360025	2,150	2,000	360034	2,150	2,000	360043	2,150	2,000
M-14	14"	8.1	360008	2,100	1,970	360017	2,150	2,000	360026	2,150	2,000	360035	2,150	2,000	360044	2,150	2,000

M-Winches can be mixed to achieve the higher quantity pricing.

M-WINCH HANDLES



MODEL	ITEM #	FOR M-WINCH MODEL #	1-5	6+	LBS.
MH-5	360045	M-5	$58.00	$53.00	.50
MH-612	360046	M-6 THRU M-14	123.00	115.00	1.1

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

LOCK & KEY FOR M-WINCHES

MODEL	ITEM #	DESCRIPTION	1-5	6+	LBS.
M-L	360054	LOCK w/KEY	$74.00	$70.00	.08
M-K	360055	KEY ONLY*	10.40	9.80	.01

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

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 diameter of stainless steel cable is 1/8".

MODEL	ITEM #	SIZE	MIN. POLE OPENING HEIGHT	MIN. POLE OPENING WIDTH	DRUM WIDTH	1-5	6+	LBS.
SSW1	360047	SMALL	4-1/8"	3-1/8"	1-1/2"	$490	$460	3.5
SSW2	360048	LARGE	4-1/8"	3-5/8"	2"	490	460	3.8
SSW3	360049	X-LARGE	4-1/8"	6-5/8"	5"	840	770	4.8

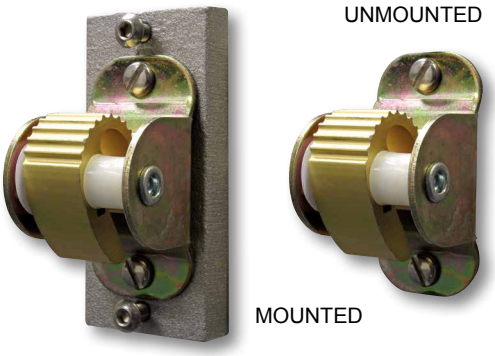
Stainless Steel Winches can be mixed to achieve the higher quantity pricing.

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	$46.00	$44.00	1.3

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

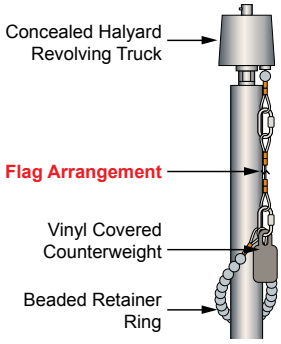


CAM ACTION CLEATS

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"	$36.00	$32.00	.50
360053	UNMOUNTED	2"	21.00	20.00	.25

Arrangement shown with 2 Quick Links



STANDARD FLAG ARRANGEMENTS

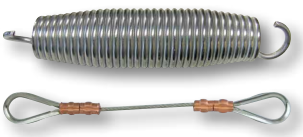
Constructed of 1/8" stainless steel aircraft cable with a stainless steel thimble attached at each end with 2 copper crimps. These flag arrangements provide the method of attaching the flag or flags to the cable assembly. This is also an excellent method for changing the quantity of flags or the size(s) 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	$33	$29	.35
FA2	360079	2' x 3'	2	42	39	.50
FA25	360080	2-1/2' x 4'	2	45	42	.55
FA3	360081	3' x 5'	2	46	43	.55
FA4	360082	4' x 6'	2	48	45	.60
FA5	360083	5' x 8' or 5' x 9-1/2'	2	51	46	.65
FA6	360084	6' x 10'	2	55	51	.65
FA8	360085	8' x 12'	2	111	99	.70
FA10	360086	10' x 15' or 10' x 19'	3	114	101	.95
FA12	360087	12' x 18'	3	121	111	1.0
FA15	360088	15' x 25'	3	125	117	1.1
FA20	360089	20' x 30' or 20' x 38'	3	130	119	1.3
FA25	360090	25' x 40'	3	141	128	2.0
FA30	360091	30' x 50' or 30' x 60'	3	146	130	2.8

All Standard Flag Arrangements can be mixed to achieve the higher quantity pricing.

DELUXE FLAG ARRANGEMENTS

Arrangement for flag size 6' x 10' or smaller



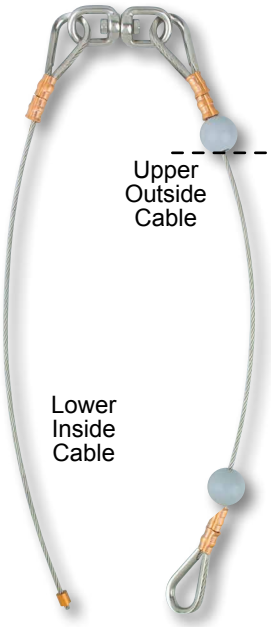
Shock spring and Safety Cable supplied with arrangements for 8' x 12' or larger flag sizes

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)	—	—	$63	$58	1.2
FA25	360475	2-1/2' x 4'	2	2 (STAINLESS STEEL SSFS-1)	—	—	71	61	1.3
FA3	360476	3' x 5'	2	2 (STAINLESS STEEL SSFS-1)	—	—	72	63	1.3
FA4	360477	4' x 6'	2	2 (STAINLESS STEEL SSFS-1)	—	—	75	68	1.3
FA5	360478	5' x 8' or 5' x 9-1/2'	2	2 (STAINLESS STEEL SSFS-1)	—	—	79	72	1.4
FA6	360479	6' x 10'	2	2 (STAINLESS STEEL SSFS-1)	—	—	86	79	1.4
FA8	360480	8' x 12'	3	2 (STAINLESS STEEL SSFS-2)	1	1	123	111	2.3
FA10	360481	10' x 15' or 10' x 19'	3	2 (STAINLESS STEEL SSFS-2)	1	1	125	114	2.6
FA12	360482	12' x 18'	3	2 (STAINLESS STEEL SSFS-2)	1	1	133	121	2.6
FA15	360483	15' x 25'	3	2 (STAINLESS STEEL SSFS-2)	1	1	138	125	2.7
FA20	360484	20' x 30' or 20' x 38'	3	2 (STAINLESS STEEL SSFS-2)	1	1	145	130	2.9
FA25	360485	25' x 40'	3	2 (STAINLESS STEEL SSFS-2)	1	1	149	133	3.6
FA30	360486	30' x 50' or 30' x 60'	3	2 (STAINLESS STEEL SSFS-2)	1	1	153	135	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 lower cable section has a copper cable stop attached to one end for installation into a stainless steel winch. This cable stop can easily be removed if the winch is an M-type which does not require a cable stop. 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"	20'	1/8"	20'	$99	$90	1.4
360332	25'*	3/32"	25'	1/8"	25'	111	97	1.6
360057	25'	1/8"	25'	1/8"	25'	111	97	1.9
360333	30'*	3/32"	30'	1/8"	30'	117	105	1.9
360058	30'	1/8"	30'	1/8"	30'	117	105	2.2
360334	35'*	3/32"	35'	1/8"	35'	125	114	2.1
360059	35'	1/8"	35'	1/8"	35'	125	114	2.5
360060	40'	1/8"	40'	3/16"	40'	136	124	4.2
360061	45'	1/8"	45'	3/16"	45'	142	129	4.6
360062	50'	1/8"	50'	3/16"	50'	156	139	5.1
360063	60'	1/8"	60'	3/16"	60'	193	176	6.1
360064	70'	1/8"	70'	3/16"	70'	207	184	7.0
360065	78'	1/8"	78'	3/16"	78'	213	193	7.8
360066	80'	1/8"	80'	3/16"	80'	220	201	8.0
360067	90'	1/8"	90'	3/16"	90'	279	251	8.9
360068	100'	1/8"	100'	3/16"	100'	297	272	9.9
360069	110'	1/8"	110'	3/16"	110'	310	279	11
360070	120'	1/8"	120'	3/16"	120'	315	284	12
360071	130'	1/8"	130'	3/16"	130'	362	328	13
360072	140'	1/8"	140'	3/16"	140'	375	335	14
360073	150'	1/8"	150'	3/16"	150'	400	362	15
360074	160'	1/8"	160'	3/16"	160'	426	387	16
360075	170'	1/8"	170'	3/16"	170'	452	408	17
360076	180'	1/8"	180'	3/16"	180'	504	452	18
360077	190'	1/8"	190'	3/16"	190'	541	488	19
360078	200'	1/8"	200'	3/16"	200'	595	534	20

*To be used with 5" diameter poles with our M-5 Winch installed. Cable Assemblies can be mixed to achieve higher quantity pricing.

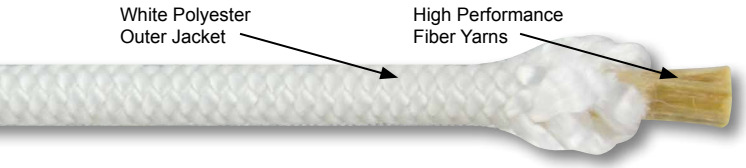
Poly Rope Assembly # 360096 shown

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	$70	$61
25'	60'	1/4"	2.4	360496	84	76
30'	70'	1/4"	2.7	360497	97	89
35'	80'	1/4"	3.0	360498	111	98
40'	90'	1/4"	3.4	360499	125	114

POLYPROPYLENE 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	$21.50	$19.00	360106	$21.50	$19.00	360116	$21.50	$19.00	360126	$21.50	$19.00
25'	60'	1/4"	2.1	360097	23.50	21.50	360107	24.50	22.50	360117	24.50	22.50	360127	24.50	22.50
30'	70'	1/4"	2.4	360098	25.50	23.50	360108	27.50	24.50	360118	27.50	24.50	360128	27.50	24.50
35'	80'	1/4"	2.7	360099	27.50	25.50	360109	28.50	26.50	360119	28.50	26.50	360129	28.50	26.50
40'	90'	1/4"	3.1	360100	30.50	27.50	360110	32.50	28.50	360120	32.50	28.50	360130	32.50	28.50

Can be mixed to achieve the higher quantity pricing

NYLON 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	$33	$31	360147	$39	$34	360157	$39	$34	360167	$39	$34
25'	60'	3/16"	1.9	360138	39	34	360148	45	42	360158	45	42	360168	45	42
30'	70'	3/16"	2.2	360139	43	40	360149	52	47	360159	52	47	360169	52	47
35'	80'	3/16"	2.5	360140	48	44	360150	60	55	360160	60	55	360170	60	55
40'	90'	3/16"	2.8	360340	71	53	360341	74	69	360342	74	69	360343	74	69

Can be mixed to achieve the higher quantity pricing

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" nylon 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.

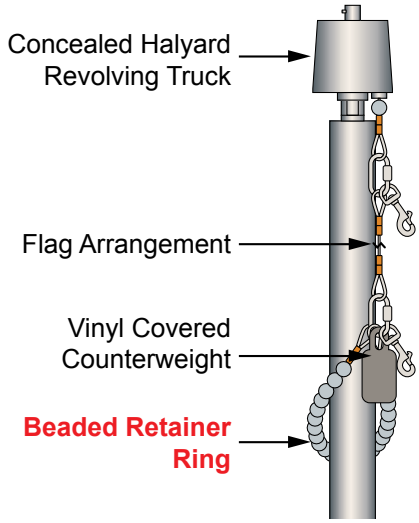
MODEL	BUTT DIA. OF POLE	LBS.	WHITE			SILVER			BRONZE #313			BLACK		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
RRR5	5"	.30	360230	$19.00	$17.00	360239	$22.50	$20.50	360248	$22.50	$20.50	360257	$22.50	$20.50
RRR6	6"	.30	360231	20.50	18.00	360240	23.50	21.50	360249	23.50	21.50	360258	23.50	21.50
RRR65	6-1/2"	.30	360232	21.50	19.00	360241	24.50	22.50	360250	24.50	22.50	360259	24.50	22.50
RRR7	7"	.32	360233	22.50	20.50	360242	26.50	24.50	360251	26.50	24.50	360260	26.50	24.50
RRR8	8"	.32	360234	23.50	21.50	360243	27.50	25.50	360252	27.50	25.50	360261	27.50	25.50
RRR10	10"	.34	360235	24.50	22.50	360244	28.50	26.50	360253	28.50	26.50	360262	28.50	26.50
RRR105	10-1/2"	.34	360236	27.50	25.50	360245	36.00	30.50	360254	36.00	30.50	360263	36.00	30.50
RRR115	11-1/2"	.36	360237	30.50	26.50	360246	40.00	36.00	360255	40.00	36.00	360264	40.00	36.00
RRR12	12"	.36	360238	34.00	28.50	360247	42.00	39.00	360256	42.00	39.00	360265	42.00	39.00
RRR16	16"	.50	360349	44.00	41.00	—	—	—	360350	53.00	48.00	—	—	—
RRR163	16-3/4"	.50	360351	53.00	48.00	—	—	—	360352	53.00	48.00	—	—	—

Rope Retainer Rings can be mixed to achieve the higher quantity pricing.

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	BUTT DIA. OF POLE	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	$44	$41	360194	$51	$46	360212	$51	$46	360488	$51	$46
RR6	34"	6"	1"	.80	360177	45	42	360195	53	48	360213	53	48	360489	53	48
RR7	38"	7"	1"	.85	360178	47	44	360196	55	51	360214	55	51	360490	55	51
RR8	42"	8"	1"	.90	360179	48	45	360197	57	52	360215	57	52	360491	57	52
RR10	50"	10"	1"	1.1	360180	53	48	360198	58	53	360216	58	53	360492	58	53
RR11	54"	11"	1"	1.2	360181	57	51	360199	65	58	360217	65	58	360493	65	58
RR12	58"	12"	1"	1.2	360182	58	53	360200	68	60	360218	68	60	360494	68	60
RR13	62"	13"	1" & 2"	2.5	360183	111	99									
RR14	66"	14"	1" & 2"	2.7	360184	117	105									
RR16	74"	16"	1" & 2"	3.1	360185	133	121									
RR18	82"	18"	1" & 2"	3.4	360186	153	138									
RR20	90"	20"	1" & 2"	3.8	360187	167	153									
RR22	98"	22"	1" & 2"	4.2	360188	183	167									
RR24	106"	24"	1" & 2"	4.6	360189	204	183									
RR30	124"	30"	1" & 2"	5.8	360190	241	219									
RR32	132"	32"	1" & 2"	6.2	360191	257	230									
RR34	140"	34"	1" & 2"	6.6	360192	283	257									
RR36	148"	36"	1" & 2"	7.0	360193	296	270									

Beaded Retainer Rings can be mixed to achieve the higher quantity pricing.

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	$0.70	$0.62	.02
360267	1"	SILVER	0.78	0.72	.02
360268	1"	BRONZE	0.78	0.72	.02
360487	1"	BLACK	0.78	0.72	.02
360269	1-1/2"	WHITE	3.10	2.90	.06
360270	2"	WHITE	4.60	4.20	.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	$145	$138	360276	$152	$142	360335	$152	$142	360281	$152	$142	360286	$152	$142
IHD7	7"	.46	360272	145	138	360277	152	142	360336	152	142	360282	152	142	360287	152	142
IHD8	8"	.60	360273	145	138	360278	152	142	360337	152	142	360283	152	142	360288	152	142
IHD10	10"	.72	360274	160	158	360279	174	166	360338	174	166	360284	174	166	360289	174	166
IHD12	12"	.76	360275	160	158	360280	174	166	360339	174	166	360285	174	166	360290	174	166

LOCK & KEYS FOR INTERNAL HALYARD DOORS

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

MODEL	ITEM #	DESCRIPTION	1-5	6+	LBS.
IHCL	360291	LOCK w/2 KEYS	$15.70	$14.50	.14
IHDK	360292	KEY ONLY	7.00	6.70	.04

LOCK & KEYS FOR DOOR & FRAME UNIT

MODEL	ITEM #	DESCRIPTION	1-5	6+	LBS.
DFL	360303	LOCK w/2 KEYS	$15.70	$14.50	.14
DFK	350091	KEY ONLY	6.90	6.10	.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	$156	$138	360295	$167	$153	360297	$167	$153	360299	$167	$153	360301	$167	$153
NO CAM CLEAT	2.8	360294	123	114	360296	135	123	360298	135	123	360300	135	123	360302	135	123

For 25' through 39' Poles

For 50' through 78' Poles

DOORS FOR FIBERGLASS INTERNAL HALYARD POLES

With Lock & Keys

MODEL	ITEM #	FOR POLE MODEL #	COLOR	1-5	6+	LBS.
FIHD-1	360305	FG25IH, FG30IH, FG35IH, FG39IH	WHITE	$110	$98	.38
FIHD-3	360307	FG50IH, FG60IH, FG70IH, FG78IH	WHITE	230	213	.38

For 25' through 39' Poles

For 50' through 78' Poles

DOOR LOCKS & KEYS FOR FIBERGLASS INTERNAL HALYARD POLES

MODEL	ITEM #	FOR POLE MODEL #	1-5	6+	LBS.
FGL-1	360309	LOCK w/2 KEYS FG25IH, FG30IH, FG35IH, FG39IH	$46.20	$42.00	.38
FGK-1	360310	KEY ONLY FG25IH, FG30IH, FG35IH, FG39IH	21.50	19.40	.90
FGL-2	360311	LOCK w/2 KEYS FG50IH, FG60IH, FG70IH, FG78IH	46.20	42.00	.38
FGK-2	360312	KEY ONLY FG50IH, FG60IH, FG70IH, FG78IH	21.50	19.40	.90

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

CW7 & CW14

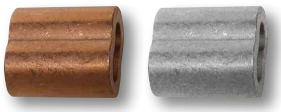
CW35

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		
			ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
CW35	3-1/2"	3.3	360313	$40	$33	360316	$40	$33	360319	$40	$33
CW7	7"	6.7	360314	53	48	360317	53	48	360320	53	48
CW14	14"	13	360315	68	60	360318	68	60	360321	68	60

Counterweights can be mixed to achieve the higher quantity pricing.



CABLE & ROPE CRIMPS

MODEL	ITEM #	FOR CABLE OR ROPE DIA.	MATERIAL	1-5	6+	LBS.
CC3	360328	3/32"	COPPER	$0.76	$0.66	.01
CC1	360324	1/8"	COPPER	0.76	0.66	.02
CC2	360325	5/32"	COPPER	2.10	1.98	.02
ARC1	360326	1/4" – 5/16"	ALUMINUM	1.70	1.60	.02
ARC316	360500	3/16"	ALUMINUM	1.70	1.60	.02

QUICK LINK

Stainless Steel

MODEL	ITEM #	LENGTH	WIDTH	1-5	6+	LBS.
SSQL	360329	2-7/8"	1-3/8"	$10.30	$7.70	.20

COPPER CABLE STOP

MODEL	ITEM #	FOR CABLE DIAMETER	1-5	6+	LBS.
CS1	360327	1/8"	$0.76	$0.66	.01

CABLE SWIVEL CONNECTOR

Stainless Steel

MODEL	ITEM #	LENGTH	WIDTH	1-5	6+	LBS.
IHCSC	360323	2-3/4"	1-1/8"	$6.00	$5.60	.20
IHCSCL	360472	3-5/8"	1-3/8"	12.20	11.70	.28

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"	$2.60	$2.40	.02
IHTH-1	360322	1/8" – 5/32"	2.90	2.70	.02
IHTH-2	300238	1/8" – 5/32"	1.18	0.96	.02
IHTH-4	360471	NEW 5/16"	1.42	0.96	.05

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	$12.20	$11.00	.04
SCO	360093	SAFETY CABLE	8.10	7.30	.02

STAINLESS STEEL CABLE

Priced Per Foot

MODEL	ITEM #	DIAMETER	1'-199'	200'+	LBS.
SSC32	360330	3/32"	$1.70	$1.50	.10
SSC18	360094	1/8"	1.70	1.50	.10
SSC316	360095	3/16"	1.90	1.70	.10

FLAGPOLE FLASH COLLARS (NOT SPLIT)

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	OUTSIDE			SATIN			CLEAR			BRONZE #313			BLACK			WHITE		
DIA.	DIA.	HT.	LBS.	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
2"	8"	2¼"	.50	370000	$23.50	$21.50	320064	$29.00	$26.50	370048	$29.00	$26.50	370073	$40.50	$36.50	370098	$29.00	$26.50
2⅜"	8"	2¼"	.45	370001	23.50	21.50	370025	29.00	26.50	370049	29.00	26.50	370074	40.50	36.50	370099	29.00	26.50
2½"	8"	2¼"	.45	370002	23.50	21.50	320065	29.00	26.50	370050	29.00	26.50	370075	40.50	36.50	370100	29.00	26.50
2"	12"	1¾"	.80	370003	29.00	26.50	370026	40.50	36.50	370051	40.50	36.50	370076	45.00	42.00	370101	40.50	36.50
2⅜"	12"	1¾"	.80	370004	29.00	26.50	370027	40.50	36.50	370052	40.50	36.50	370077	45.00	42.00	370102	40.50	36.50
2½"	12"	1¾"	.80	370005	29.00	26.50	370028	40.50	36.50	370053	40.50	36.50	370078	45.00	42.00	370103	40.50	36.50
3"	12"	1¾"	.85	370006	29.00	26.50	370029	40.50	36.50	370054	40.50	36.50	370079	45.00	42.00	370104	40.50	36.50
3½"	12"	1¾"	.80	370007	29.00	26.50	370030	40.50	36.50	370055	40.50	36.50	370080	45.00	42.00	370105	40.50	36.50
4"	12"	1¾"	.75	370008	29.00	26.50	370031	40.50	36.50	370056	40.50	36.50	370081	45.00	42.00	370106	40.50	36.50
4⅜"	12"	1¾"	.75	370009	29.00	26.50	370032	40.50	36.50	370057	40.50	36.50	370082	45.00	42.00	370107	40.50	36.50
5"	12"	1¾"	.75	370010	29.00	26.50	370033	40.50	36.50	370058	40.50	36.50	370083	45.00	42.00	370108	40.50	36.50
5½"	12"	1¾"	.70	370011	29.00	26.50	370034	40.50	36.50	370059	40.50	36.50	370084	45.00	42.00	370109	40.50	36.50
6"	12"	1¾"	.65	370012	29.00	26.50	370035	40.50	36.50	370060	40.50	36.50	370085	45.00	42.00	370110	40.50	36.50
5"	16"	2⅞"	1.4	370633	49.00	45.00	370634	61.00	56.00	370635	61.00	56.00	370636	71.00	65.00	370637	61.00	56.00
6"	16"	2⅞"	1.4	370013	49.00	45.00	370036	61.00	56.00	370061	61.00	56.00	370086	71.00	65.00	370111	61.00	56.00
7"	16"	2⅞"	1.4	370014	49.00	45.00	370037	61.00	56.00	370062	61.00	56.00	370087	71.00	65.00	370112	61.00	56.00
8"	16"	2⅞"	1.3	370015	49.00	45.00	370038	61.00	56.00	370063	61.00	56.00	370088	71.00	65.00	370113	61.00	56.00
7"	22"	3⅝"	2.5	370016	101.00	92.00	370039	130.00	119.00	370064	130.00	119.00	370089	141.00	127.00	370114	130.00	119.00
8"	22"	3⅝"	2.7	370017	101.00	92.00	370040	130.00	119.00	370065	130.00	119.00	370090	141.00	127.00	370115	130.00	119.00
10"	22"	3⅝"	2.9	370018	101.00	92.00	370041	130.00	119.00	370066	130.00	119.00	370091	141.00	127.00	370116	130.00	119.00
8"	30"	4¼"	5.9	370019	235.00	212.00	370042	302.00	276.00	370067	302.00	276.00	370092	314.00	284.00	370117	302.00	276.00
10"	30"	4¼"	5.4	370020	235.00	212.00	370043	302.00	276.00	370068	302.00	276.00	370093	314.00	284.00	370118	302.00	276.00
12"	30"	4¼"	5.3	370021	235.00	212.00	370044	302.00	276.00	370069	302.00	276.00	370094	314.00	284.00	370119	302.00	276.00
8"	38"	4¾"	7.5	370022	604.00	537.00	370045	671.00	604.00	370070	671.00	604.00	370095	725.00	653.00	370120	671.00	604.00
10"	38"	4¾"	6.9	370023	604.00	537.00	370046	671.00	604.00	370071	671.00	604.00	370096	725.00	653.00	370121	671.00	604.00
12"	38"	4¾"	6.7	370024	604.00	537.00	370047	671.00	604.00	370072	671.00	604.00	370097	725.00	653.00	370122	671.00	604.00

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	OUTSIDE			SATIN			CLEAR			BRONZE #313			BLACK			WHITE		
DIA.	DIA.	HT.	LBS.	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
2⅜"	10"	3½"	1.5	370468	$47	$43	370478	$59	$54	370488	$59	$54	370498	$67	$59	370508	$59	$54
3"	10"	2¾"	1.5	370469	47	43	370479	59	54	370489	59	54	370499	67	59	370509	59	54
3"	16"	5¾"	1.5	370470	76	70	370480	95	87	370490	95	87	370500	107	100	370510	95	87
4"	16"	5¾"	1.8	370471	76	70	370481	95	87	370491	95	87	370501	107	100	370511	95	87
5"	16"	6¼"	1.7	370472	76	70	370482	95	87	370492	95	87	370502	107	100	370512	95	87
6"	16"	7⅞"	1.7	370473	76	70	370483	95	87	370493	95	87	370503	107	100	370513	95	87
7"	16"	7⅞"	1.6	370474	76	70	370484	95	87	370494	95	87	370504	107	100	370514	95	87
8"	16"	7⅞"	1.6	370475	76	70	370485	95	87	370495	95	87	370505	107	100	370515	95	87
10"	22"	8¼"	3.3	370476	153	137	370486	174	159	370496	174	159	370506	189	172	370516	174	159
12"	26"	11"	4.9	370477	302	276	370487	339	302	370497	339	302	370507	353	314	370517	339	302

All Flash Collars on page 182 can be mixed to achieve the higher quantity pricing.

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

SATIN

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	OUTSIDE			SATIN			CLEAR			BRONZE #313			BLACK			WHITE		
DIA.	DIA.	HT.	LBS.	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	$111	$102	370643	$113	$111	370281	$113	$111	370306	$122	$118	370331	$113	$111
2⅜"	8"	2¼"	.50	370234	111	102	370258	113	111	370282	113	111	370307	122	118	370332	113	111
2½"	8"	2¼"	.50	370235	111	102	370644	113	111	370283	113	111	370308	122	118	370333	113	111
2"	12"	1¾"	.85	370236	113	111	370259	122	118	370284	122	118	370309	126	123	370334	122	118
2⅜"	12"	1¾"	.85	370237	113	111	370260	122	118	370285	122	118	370310	126	123	370335	122	118
2½"	12"	1¾"	.85	370238	113	111	370261	122	118	370286	122	118	370311	126	123	370336	122	118
3"	12"	1¾"	.90	370239	113	111	370262	122	118	370287	122	118	370312	126	123	370337	122	118
3½"	12"	1¾"	.85	370240	113	111	370263	122	118	370288	122	118	370313	126	123	370338	122	118
4"	12"	1¾"	.80	370241	113	111	370264	122	118	370289	122	118	370314	126	123	370339	122	118
4⅜"	12"	1¾"	.80	370242	113	111	370265	122	118	370290	122	118	370315	126	123	370340	122	118
5"	12"	1¾"	.80	370243	113	111	370266	122	118	370291	122	118	370316	126	123	370341	122	118
5½"	12"	1¾"	.75	370244	113	111	370267	122	118	370292	122	118	370317	126	123	370342	122	118
6"	12"	1¾"	.70	370245	113	111	370268	122	118	370293	122	118	370318	126	123	370343	122	118
5"	16"	2⅞"	1.9	370645	131	126	370646	145	140	370647	145	140	370648	155	148	370649	145	140
6"	16"	2⅞"	1.9	370246	131	126	370269	145	140	370294	145	140	370319	155	148	370344	145	140
7"	16"	2⅞"	1.9	370247	131	126	370270	145	140	370295	145	140	370320	155	148	370345	145	140
8"	16"	2⅞"	1.8	370248	131	126	370271	145	140	370296	145	140	370321	155	148	370346	145	140
7"	22"	3⅝"	3.0	370249	189	177	370272	223	212	370297	223	212	370322	229	216	370347	223	212
8"	22"	3⅝"	3.2	370250	189	177	370273	223	212	370298	223	212	370323	229	216	370348	223	212
10"	22"	3⅝"	3.4	370251	189	177	370274	223	212	370299	223	212	370324	229	216	370349	223	212
8"	30"	4¼"	6.4	370252	327	301	370275	394	367	370300	394	367	370325	406	376	370350	394	367
10"	30"	4¼"	5.9	370253	327	301	370276	394	367	370301	394	367	370326	406	376	370351	394	367
12"	30"	4¼"	5.8	370254	327	301	370277	394	367	370302	394	367	370327	406	376	370352	394	367
8"	38"	4¾"	8.0	370255	672	607	370278	737	672	370303	737	672	370328	789	720	370353	737	672
10"	38"	4¾"	7.4	370256	672	607	370279	737	672	370304	737	672	370329	789	720	370354	737	672
12"	38"	4¾"	7.2	370257	672	607	370280	737	672	370305	737	672	370330	789	720	370355	737	672

HIGH PROFILE SPLIT 'TRUMPET' ALUMINUM FLASH COLLARS

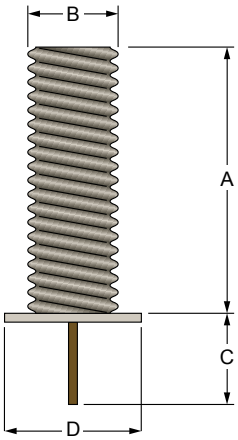
SATIN

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	OUTSIDE			SATIN			CLEAR			BRONZE #313			BLACK			WHITE		
DIA.	DIA.	HT.	LBS.	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+	ITEM #	1-5	6+
2⅜"	10"	3½"	2.0	370518	$145	$140	370528	$160	$154	370538	$160	$154	370548	$167	$160	370558	$160	$154
3"	10"	2¾"	2.0	370519	145	140	370529	160	154	370539	160	154	370549	167	160	370559	160	154
3"	16"	5¾"	2.0	370520	176	168	370530	195	185	370540	195	185	370550	205	195	370560	195	185
4"	16"	5¾"	2.3	370521	176	168	370531	195	185	370541	195	185	370551	205	195	370561	195	185
5"	16"	6¼"	2.2	370522	176	168	370532	195	185	370542	195	185	370552	205	195	370562	195	185
6"	16"	7⅞"	2.2	370523	176	168	370533	195	185	370543	195	185	370553	205	195	370563	195	185
7"	16"	7⅞"	2.1	370524	176	168	370534	195	185	370544	195	185	370554	205	195	370564	195	185
8"	16"	7⅞"	2.1	370525	176	168	370535	195	185	370545	195	185	370555	205	195	370565	195	185
10"	22"	8¼"	3.8	370526	249	233	370536	275	255	370546	275	255	370556	291	278	370566	275	255
12"	26"	11"	5.4	370527	394	365	370537	434	394	370547	434	394	370557	447	405	370567	434	394

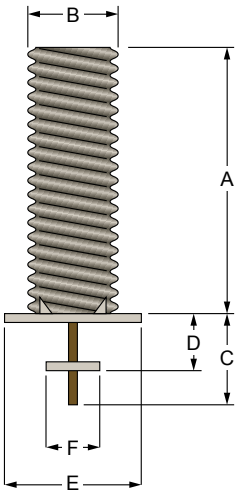
GALVANIZED STEEL FOUNDATION SLEEVES

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 wedges 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"	$83	$77	20
380002	3'	6"	6"	8"	100	96	24



WITH BASE PLATE, SUPPORT PLATE, GROUNDING SPIKE & STEEL CENTERING WEDGES

ITEM #	A	B	C	D	E	F	1-5	6+	LBS.
380003	3'	8"	18"	6"	12"	6"	$141	$129	30
380004	3-1/2'	8"	18"	6"	12"	6"	144	133	32
380005	3'	10"	18"	6"	16"	8"	155	146	37
380006	3-1/2'	10"	18"	6"	16"	8"	165	158	44
380007	4'	12"	18"	6"	16"	8"	223	212	55
380196	4-1/2'	12"	18"	6"	16"	8"	240	225	60
380008	5'	12"	18"	6"	18"	9"	261	248	70
380009	5'	15"	18"	6"	20"	10"	464	440	86
380010	6'	15"	18"	10"	20"	10"	536	511	122
380011	6'	18"	24"	10"	24"	12"	595	564	135
380012	7'	15"	24"	12"	24"	12"	595	564	141
380013	7'	18"	24"	12"	24"	12"	690	655	156
380014	8'	18"	24"	12"	24"	12"	737	702	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.

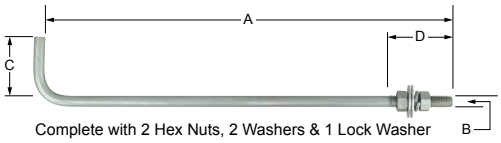
ITEM #	FOR POLE DIA.	LEN.	TYPE	1-5	6+	LBS.
380015	1-3/8"	12"	FORM FIT	$6.70	$5.90	.14
380016	1-5/8"	15"	FORM FIT	7.90	7.20	.20
380017	1-3/4"	20"	FORM FIT	9.20	8.30	.26
380018	2"	15"	FORM FIT	11.90	10.60	.25
380020	2"	20"	FORM FIT	13.00	11.90	.34
380021	2-1/2"	30"	FORM FIT	17.30	16.30	1.1
380022	3"	20"	FORM FIT	21.20	20.20	.95
380023	3"–3½"	24"	STANDARD	18.70	17.80	1.6
380024	3"–3½"	30"	STANDARD	25.80	24.80	1.9

SLEEVES FOR FIBERGLASS FLAGPOLES

ITEM #	LENGTH	DIAMETER	1-5	6+	LBS.
380025	18"	6.3"	$34	$32	1.1
380026	24"	5"	46	43	1.4
380194	30"	6.3"	48	45	2.2
380195	30"	9-1/4"	97	87	4.0
380027	36"	8"	97	87	4.4
380029	48"	8"	123	111	6.2
380030	60"	14"	353	320	18
380031	72"	14"	452	406	27
380032	84"	21"	982	917	34

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"	$25	$23	2.4
380038	24"	3/4"	4"	5"	26	24	3.5
380039	36"	1"	4"	6"	41	39	8.4
380040	40"	1"	4"	6"	49	47	9.0
380041	54"	1-1/4"	6"	8"	126	115	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	$117	$105	4.5

5' x 1/2" ROD ONLY

ITEM #	PRICE	LBS.
380035	$65	1.2

WIRE ONLY

ITEM #	PER FOOT	LBS.
380034	$8.90	.36

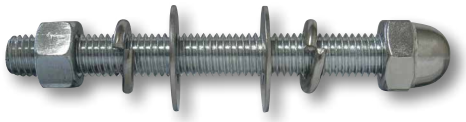
BRACKET ONLY

ITEM #	1-5	6+	LBS.
380036	$36	$33	.36

THRU WALL BOLTS

For Mounting Outrigger & 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	$15.00	$14.00	.75
380049	5/8" x 12"	SILVER	18.00	17.00	1.2
380050	5/8" x 18"	SILVER	17.00	16.00	1.7
380051	5/8" x 24"	SILVER	17.00	16.00	2.1
380052	5/8" x 30"	SILVER	19.00	18.00	2.5
380053	5/8" x 36"	SILVER	21.50	19.00	2.9

MOUNTING BOLTS WITH EXPANSION SHIELDS

For Mounting Outrigger & 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	$17.00	$16.00	.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	YES	$660.00
	INTERNAL	NO	420.00
	INTERNAL	YES	790.00

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"	18	380112	$1,030	$930	380119	$1,180	$1,060	380126	$1,180	$1,060	380133	$1,180	$1,060	380140	$1,180	$1,060
5-1/2"	18	380113	1,030	930	380120	1,180	1,060	380127	1,180	1,060	380134	1,180	1,060	380141	1,180	1,060
6"	18	380114	1,030	930	380121	1,180	1,060	380128	1,180	1,060	380135	1,180	1,060	380142	1,180	1,060
7"	18	380115	1,030	930	380122	1,180	1,060	380129	1,180	1,060	380136	1,180	1,060	380143	1,180	1,060
8"	18	380116	1,030	930	380123	1,180	1,060	380130	1,180	1,060	380137	1,180	1,060	380144	1,180	1,060
10"	18	380117	1,180	1,060	380124	1,300	1,180	380131	1,300	1,180	380138	1,300	1,180	380145	1,300	1,180
12"	18	380118	1,180	1,060	380125	1,300	1,180	380132	1,300	1,180	380139	1,300	1,180	380146	1,300	1,180

TUNNEL LIGHT REPLACEMENT LENS

ITEM #	1-5	6+	LBS
380190	$130	$120	.33

LIGHTWEIGHT FLOODLIGHTS

These lights fit on any diameter pole and are supplied with a 75 watt halogen flood lamp.

ADD ON FOR FACTORY SET-UP OF WIRING	POLE TYPE	ACCESS DOOR	PRICE
	EXTERNAL	NO	$280.00
	EXTERNAL	YES	490.00
	INTERNAL	NO	390.00
	INTERNAL	YES	600.00

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

MODEL	ITEM #	COLOR	1-5	6+	LBS.
LWFL SIL	380192	SILVER	$330	$320	2.0
LWFL BR	380147	BRONZE	330	320	2.0
LWFL BL	380193	BLACK	330	320	2.0

OBSTRUCTION (BEACON) LIGHT

This light measures 8-3/4" x 4-1/2" and is ideal for taller flagpoles near airports or flight paths. Lamp bulb is not included. Set-up of flagpole to accept this lighting fixture can be done at the factory; call for pricing. Contact us for pricing on LED version of this obstruction light.

MODEL	ITEM #	1-5	6+	LBS.
OL-R	380148	$400	$380	2.8

NON-TANGLE RODS

For Wall Mounted Outrigger Flagpoles

Constructed of 3/8" diameter stainless steel rod. All sizes are supplied complete with a stainless steel fitting which attaches to the grommet of the flag. 30" and 48" long rods are supplied with one stainless steel fitting which attaches to the bottom edge of the flag while the 72" and 84" rods are supplied with three stainless steel fittings which attach to the bottom edge of the flag. **Note: A reinforcing patch must be sewn into the flag in order for the flag clamp to properly attach. Rope and flag must be routinely inspected for wear and loose connections to avoid property damage and/or personal injury.**

MODEL	ITEM #	LENGTH	FOR FLAG SIZE	1-5	6+	LBS.
NTR-30	390000	30"	3' x 5' or 4' x 6'	$150	$140	1.6
NTR-48	390001	48"	5' x 8'	165	150	2.3
NTR-72	390002	72"	6' x 10'	230	210	3.1
NTR-84	390003	84"	8' x 12'	240	220	4.3

Non-Tangle Rods can be mixed to achieve the higher quantity pricing.

FLAGPOLE PLAQUES

Engraved brass plaques are available and are curved to fit the butt diameter of the flagpole. Letter styles available are block or roman style. The plaques are supplied with stainless steel rivets which are included.

Please specify flagpole base diameter when ordering.

BLOCK STYLE LETTERING

ROMAN STYLE LETTERING

POLE DIAMETER	PRICE
3-1/2" AND SMALLER	$95.00 + $4.50 PER LETTER
4" THROUGH 8"	$120.00 + $4.50 PER LETTER
GREATER THAN 8"	CALL FOR PRICING

TOUCH-UP PAINT

12 oz. Aerosol Spray

MODEL	ITEM #	COLOR	1-5	6+
TUP-AL	390006	ALUMINUM	$38	$36
TUP-311	390007	LIGHT BRONZE #311	38	36
TUP-312	390008	MED. BRONZE #312	38	36
TUP-313	390009	DARK BRONZE #313	38	36
TUP-BL	390010	BLACK	38	36
TUP-WH	390011	WHITE	38	36
TUP-G	390012	GOLD	38	36

Weight for each can is approximately 1.0 lbs.
Aerosol sprays cannot be shipped by air freight.

5' FLAGPOLE MOCK-UPS

POLE TYPE	MODEL	ITEM #	PRICE	LBS.
EXTERNAL HALYARD	FMU-X	390013	$450	19
VANGUARD INTERNAL HALYARD	FMU-Y	390014	570	22
M-WINCH INTERNAL HALYARD	FMU-M	390015	1,040	25

EXTERNAL HALYARD

VANGUARD INTERNAL HALYARD

M-WINCH INTERNAL HALYARD