



Gold



Clear



Satin



Bronze



Black



White

ALUMINUM BALL ORNAMENTS

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	\$29	\$24	-	-	-	-	-	-
SB103	3"	1/2"-13NC	.30	330000	43	38	330007	\$55	\$54	330082	\$53	\$51
SB104	4"	1/2"-13NC	.45	330001	54	52	330008	72	66	330083	64	61
SB105	5"	1/2"-13NC	.60	330002	63	57	330009	83	77	330084	69	64
SB106	6"	1/2"-13NC	.80	330003	79	70	330010	117	105	330085	92	82
SB108	8"	1/2"-13NC	1.4	330004	142	131	330011	179	162	330086	146	138
SB110	10"	5/8"-11NC	2.2	330005	250	224	-	-	-	330087	238	229
SB112	12"	5/8"-11NC	3.1	330006	318	292	330013	323	292	330088	281	277

Model	Dia.	Spindle Threading	Lbs.	Bronze			Black			White		
				Item #	1-5	6+	Item #	1-5	6+	Item #	1-5	6+
SB103	3"	1/2"-13NC	.30	330014	\$54	\$51	330021	\$54	\$51	330028	\$54	\$51
SB104	4"	1/2"-13NC	.45	330015	68	62	330022	68	62	330029	68	62
SB105	5"	1/2"-13NC	.60	330016	80	77	330023	80	77	330030	80	77
SB106	6"	1/2"-13NC	.80	330017	109	98	330024	109	98	330031	109	98
SB108	8"	1/2"-13NC	1.4	330018	170	153	330025	170	153	330032	170	153
SB110	10"	5/8"-11NC	2.2	330019	309	280	330026	309	280	330033	309	280
SB112	12"	5/8"-11NC	3.1	330020	381	345	330027	381	345	330034	381	345

COPPER BALL ORNAMENTS

Model	Item #	Dia.	Spindle Threading	1-5	6+	Lbs.
CB104	330091	4"	1/2"-13NC	\$254	\$242	1.5
CB105	330092	5"	1/2"-13NC	318	302	2.0
CB106	330093	6"	1/2"-13NC	380	362	2.5
CB108	330094	8"	5/8"-11NC	501	479	4.1
CB110	330095	10"	5/8"-11NC	737	701	4.9
CB112	330096	12"	5/8"-11NC	1,242	1,180	6.5



GOLD LEAF COPPER BALL ORNAMENTS

Model	Item #	Dia.	Spindle Threading	1-5	6+	Lbs.
GL104	330047	4"	1/2"-13NC	\$402	\$362	1.5
GL105	330048	5"	1/2"-13NC	473	448	2.0
GL106	330049	6"	1/2"-13NC	578	552	2.6
GL108	330050	8"	5/8"-11NC	1,055	1,006	4.2
GL110	330051	10"	5/8"-11NC	1,570	1,503	7.7
GL112	330052	12"	5/8"-11NC	2,311	2,198	8.1



OUTDOOR FLAGPOLE ACCESSORIES

ORNAMENTS

STAINLESS STEEL BALL ORNAMENTS

Model	Dia.	Spindle Threading	Lbs.	Item #	Satin Finish		Mirror Finish		
					1-5	6+	Item #	1-5	6+
SS104	4"	1/2"-13NC	1.5	330035	\$311	\$284	330041	\$376	\$338
SS105	5"	1/2"-13NC	2.0	330036	382	348	330042	446	399
SS106	6"	1/2"-13NC	2.5	330037	395	358	330043	477	420
SS108	8"	1/2"-13NC	4.1	330038	497	449	-	-	-
SS110	10"	5/8"-11NC	6.1	330039	689	621	330045	802	720
SS112	12"	5/8"-11NC	7.8	330040	845	765	330046	940	860



Satin



Mirror

NATURAL ALUMINUM FLYING EAGLES



Model	Wing Span	Height	Spindle Threading	Lbs.	Item #	1-5	6+
						\$	\$
E-9	8-1/2"	15"	1/2"-13NC	2.4	330099	\$222	\$206
E-14	14"	20"	1/2"-13NC	5.5	330100	315	291



E-9



E-11



E-14

GOLD ALUMINUM FLYING EAGLES

Model	Wing Span	Height	Spindle Threading	Lbs.	Item #	1-5	6+
						\$	\$
E-11	11-1/4"	12"	1/2"-13NC	2.7	330055	\$182	\$172
E-16	15"	18"	1/2"-13NC	5.4	330056	229	214
E-24	24"	10"	1/2"-13NC	6.4	330057	400	364



E-16



E-24



GOLD ANODIZED ALUMINUM GLOBE

Can be used with the following eagles: E-9 Natural; E-14 Natural; E-16 Gold.

Item #	Diameter	Price	Lbs.
330090	3"	\$29.20	.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	\$64.00	1.4
E-9PC	330098	9-1/4"	7-1/4"	1/2"-13NC	112.00	2.0
E-12PC	330097	12"	8-1/2"	1/2"-13NC	118.00	3.3



PLAIN ALUMINUM CROSSES

Gold powder coated painted finish

Model	Item #	Cross Ht.	Cross Width	Spindle Threading	1-5	6+	Lbs.
					\$	\$	
PC8	330078	8-1/2"	4-1/4"	1/2"-13NC	\$167	\$153	1.3
PC12	330079	13"	6-3/4"	1/2"-13NC	231	214	1.7



ALUMINUM BOTONÉE CROSS

Gold powder coated painted finish

Model	Item #	Cross Ht.	Cross Width	Spindle Threading	1-5	6+	Lbs.
					\$	\$	
BC12	330081	12"	12"	5/8"-11NC	\$277	\$249	6.8





ST-1 SERIES

- For external halyard poles
- Cap style
- Stationary
- Single pulley
- **Construction:** cast aluminum
- **Pulley:** 1" outside diameter 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 5/8" threading size for use with 5/8" ornaments.**

Model	Fits Pole Diameter	Lbs.	Silver			Bronze			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	\$45.50	\$42.00	340005	\$52.00	\$46.50	340010	\$52.00	\$46.50	340015	\$52.00	\$46.50
ST-1-12	1-1/2"	1.0	340001	45.50	42.00	340006	52.00	46.50	340011	52.00	46.50	340016	52.00	46.50
ST-1-34	1-3/4"	.90	340002	45.50	42.00	340007	52.00	46.50	340012	52.00	46.50	340017	52.00	46.50
ST-1-16	1-15/16"	.80	340003	45.50	42.00	340008	52.00	46.50	340013	52.00	46.50	340018	52.00	46.50
ST-1-20	2"	.80	340004	45.50	42.00	340009	52.00	46.50	340014	52.00	46.50	340019	52.00	46.50



ST-32 SERIES

- For external halyard poles
- Cap style
- Stationary
- Double pulley
- **Construction:** cast aluminum
- **Pulleys:** 1-1/2" outside diameter 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 5/8" threading size for use with 5/8" ornaments.**

Model	Fits Pole Diameter	Lbs.	Silver			Bronze			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	\$92	\$84	340042	\$99	\$92	340044	\$99	\$92	340046	\$99	\$92
ST-2	2-3/8"	1.7	340041	92	84	340043	99	92	340045	99	92	340047	99	92



RTC-1 SERIES

- For external halyard poles
- Cap style
- Revolving
- Single pulley
- **Construction:** cast aluminum
- **Pulley:** 1-1/2" outside diameter 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). **Can be supplied with 5/8" threading size for use with 5/8" ornaments.**
- **Movement:** utilizes stainless steel ball bearing assemblies for ease of rotation, product life, and strength

Model	Fits Pole Diameter	Lbs.	Silver			Bronze			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	\$158	\$141	340308	\$175	\$156	340309	\$175	\$156	340352	\$175	\$156
RTC-1-2	2"	1.6	340104	158	141	340106	175	156	340108	175	156	340110	175	156
RTC-1-238	2-3/8"	1.9	340105	158	141	340107	175	156	340109	175	156	340111	175	156

OUTDOOR FLAGPOLE ACCESSORIES



OT SERIES

- For external halyard poles
- Cap style
- Stationary
- Single pulley
- **Construction:** cast aluminum
- **Pulley:** 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 and OT178; 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 5/8" threading size for use with 5/8" ornaments.**

Model	Fits Pole Diameter	Lbs.	Silver			Bronze			White			Black		
			Item #	1-5	6+	Item #	1-5	6+	Item #	1-5	6+	Item #	1-5	6+
OT178	1-7/8"	.60	340364	\$42.00	\$39.50	340365	\$46.50	\$43.00	340366	\$46.50	\$43.00	340367	\$46.50	\$43.00
OTH	2"	.55	340056	42.00	39.50	340062	46.50	43.00	340068	46.50	43.00	340074	46.50	43.00
OT1	2-3/8"	.95	340057	58.50	46.50	340063	63.00	59.00	340069	63.00	59.00	340075	63.00	59.00
OT25	2-1/2"	.95	340058	60.50	52.00	340064	70.00	61.00	340070	70.00	61.00	340076	70.00	61.00
OT2	2-3/4"	1.5	340059	64.50	57.00	340065	74.00	63.00	340071	74.00	63.00	340077	74.00	63.00
OT3	3"	1.3	340060	72.00	60.50	340066	79.00	70.00	340072	79.00	70.00	340078	79.00	70.00
OT325	3-1/4"	1.2	340343	74.00	62.00	340344	82.00	79.00	340345	82.00	79.00	340346	82.00	79.00
OT35	3-1/2"	1.8	340061	78.00	73.00	340067	84.00	80.00	340073	84.00	80.00	340079	84.00	80.00



RTC-2 SERIES

- For external halyard poles
- Cap style
- Revolving
- Double pulley
- **Construction:** cast aluminum
- **Pulley:** 1-15/16" outside diameter nylon on 1/4" stainless steel axles
- **Max halyard diameter:** 5/16"
- **Truck:** secured by 3 stainless steel set screws (1/4"-20NC on RTC-2-2, RTC-2-138; 5/16"-18NC on RTC-2-238)
- **Ornaments:** accepts spindle threading of 1/2"-13NC. Secured by 1 stainless steel set screw (1/4"-20NC). **Can be supplied with 5/8" threading size for use with 5/8" ornaments.**
- **Movement:** utilizes stainless steel ball bearing assemblies for ease of rotation, product life, and strength

Model	Fits Pole Diameter	Lbs.	Silver			Bronze			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	\$158	\$141	340310	\$175	\$156	340311	\$175	\$156	340354	\$175	\$156
RTC-2-2	2"	2.3	340120	158	141	340122	175	156	340124	175	156	340126	175	156
RTC-2-238	2-3/8"	2.6	340121	158	141	340123	175	156	340125	175	156	340127	175	156



RTS-1 SERIES

- For external halyard poles
- Threaded
- Revolving
- Single pulley
- **Construction:** cast aluminum
- **Pulley:** 1-1/2" outside diameter 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 with 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 5/8" threading size for use with 5/8" ornaments.**
- **Movement:** utilizes stainless steel ball bearing assemblies for ease of rotation, product life, and strength

Model	Fits Pole Diameter	Lbs.	Silver			Bronze			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	\$129	\$117	340137	\$141	\$129	340138	\$141	\$129	340139	\$141	\$129



RTA-1 SERIES

- For external halyard poles
- Threaded
- Revolving
- Single pulley
- **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 with 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 5/8" threading size for use with 5/8" ornaments.**
- **Movement:** utilizes stainless steel ball bearing assemblies for ease of rotation, product life, and strength

Model	Fits Pole Diameter	Lbs.	Silver			Bronze			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	\$145	\$132	340361	\$155	\$145	340362	\$155	\$145	340363	\$155	\$145



RTS-2 SERIES

- For external halyard poles
- Threaded
- Revolving
- Double pulley
- **Construction:** cast aluminum
- **Pulley:** 1-15/16" outside diameter nylon on 1/4" stainless steel axles
- **Max halyard diameter:** 5/16"
- **Truck Spindle:** 1-1/4" NPT threading
- **Flagpole:** For up to 3-1/2" outside top diameter pole with 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 5/8" threading size for use with 5/8" ornaments.**
- **Movement:** utilizes stainless steel ball bearing assemblies for ease of rotation, product life, and strength

Model	Fits Pole Diameter	Lbs.	Silver			Bronze			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	\$141	\$129	340145	\$147	\$134	340146	\$147	\$134	340147	\$147	\$134

OUTDOOR FLAGPOLE ACCESSORIES



HDT-1 SERIES

- For external halyard poles
- Threaded
- Revolving
- Single pulley
- **Construction:** cast aluminum
- **Pulley:** 2-1/2" outside diameter cast aluminum on 1/2" stainless steel axle
- **Max halyard diameter:** 3/8"
- **Truck Spindle:** 1-1/4" NPT threading
- **Flagpole:** up to 6" outside top diameter pole with 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 5/8" threading size for use with 5/8" ornaments.**
- **Movement:** utilizes enclosed stainless steel bearings and raceway

Model	Fits Pole		Silver			Bronze			White			Black		
	Diameter	Lbs.	Item #	1-5	6+	Item #	1-5	6+	Item #	1-5	6+	Item #	1-5	6+
HDT-1	6"	4.8	340335	\$298	\$271	340336	\$323	\$292	340337	\$323	\$292	340338	\$323	\$292



HDT-2 SERIES

- For external halyard poles
- Threaded
- Revolving
- Double pulley
- **Construction:** cast aluminum
- **Pulley:** 3-3/4" outside diameter cast aluminum on 1/2" stainless steel axles
- **Max halyard diameter:** 3/8"
- **Truck Spindle:** 1-1/4" NPT threading
- **Flagpole:** up to 5-1/2" outside top diameter pole with 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 5/8" threading size for use with 5/8" ornaments.**
- **Movement:** utilizes enclosed stainless steel bearings and raceway

Model	Fits Pole		Silver			Bronze			White			Black		
	Diameter	Lbs.	Item #	1-5	6+	Item #	1-5	6+	Item #	1-5	6+	Item #	1-5	6+
HDT-2	5-1/2"	5.1	340152	\$340	\$309	340153	\$368	\$333	340154	\$368	\$333	340155	\$368	\$333



EXTRA HEAVY-DUTY SERIES

- For external halyard poles
- Threaded
- Revolving
- Double pulley
- **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 8" outside top diameter pole with 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 5/8" threading size for use with 5/8" ornaments.**
- **Movement:** utilizes stainless steel sealed ball bearing assemblies for ease of rotation, product life and strength

Model	Spindle Material	Lbs.	Silver			Bronze			White			Black		
			Item #	1-5	6+	Item #	1-5	6+	Item #	1-5	6+	Item #	1-5	6+
XHDT	Aluminum	9.7	340160	\$1,255	\$1,130	340162	\$1,330	\$1,195	340164	\$1,330	\$1,195	340166	\$1,330	\$1,195
XHDT-SS	Stainless Steel	12	340161	2,415	2,165	340163	2,455	2,200	340165	2,455	2,200	340167	2,455	2,200



IH-1 SERIES

- For rope style internal halyard poles
- Cap style
- Stationary
- Single pulley
- **Construction:** cast aluminum
- **Internal Pulley:** 1-1/2" outside diameter 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 5/8" threading size for use with 5/8" ornaments.**

Model	Fits Pole Diameter	Lbs.	Silver			Bronze			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	\$107	\$98	340180	\$121	\$107	340182	\$121	\$107	340184	\$121	\$107
IH-1-35	3-1/2"	2.3	340179	142	131	340181	165	145	340183	165	145	340185	165	145

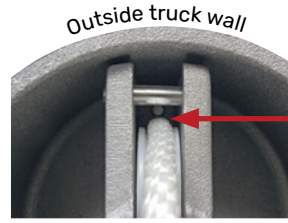


IH-2 SERIES

- For cable or rope style internal halyard poles
- Threaded
- Revolving
- Single pulley
- **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). **Can be supplied with 5/8" threading size for use with 5/8" ornaments.**
- **Movement:** IHT-3 utilizes stainless steel sealed bearing assemblies; all other sizes utilize enclosed stainless steel bearings and raceway.

Model	Truck Base Dia.	Truck Ht.	Max. Pole Top Dia.	Lbs.	Silver			Bronze			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	\$375	\$341	340198	\$413	\$375	340206	\$413	\$375	340202	\$413	\$375
IHT-1	6-1/2"	6-1/2"	4"	6.4	340195	563	504	340199	611	551	340207	611	551	340203	611	551
IHT-2	7-1/2"	7-1/4"	5"	8.7	340196	678	610	340200	738	663	340208	738	663	340204	738	663
IHT-3	10-1/2"	8-1/2"	7-1/2"	13.6	340197	1,393	1,253	340201	1,545	1,387	340209	1,545	1,387	340205	1,545	1,387

OUTDOOR FLAGPOLE ACCESSORIES



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

IHT-VS SERIES

- For rope style internal halyard poles
- Threaded
- Stationary
- Single pulley
- **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 with 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 5/8" threading size for use with 5/8" ornaments.**

Model	Fits Pole Diameter	Lbs.	Item #	Silver		Bronze		White		Black				
				1-5	6+	Item #	1-5	6+	Item #	1-5	6+			
IHT-VS	3-1/2"	2.4	340312	\$147	\$134	340313	\$166	\$147	340314	\$166	\$147	340315	\$166	\$147



150 SERIES

- For external halyard poles
- Threaded
- Revolving
- Double pulley
- **Construction:** cast aluminum
- **Pulleys:** 1-15/16" outside diameter nylon on 1/4" stainless steel axles
- **Max halyard diameter:** 5/16"
- **Truck spindle:** 1-1/2" NPT threading
- **Flagpole:** for up to 4" outside top diameter pole with 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 5/8" threading size for use with 5/8" ornaments.**
- **Movement:** utilizes stainless steel ball bearing assemblies for ease of rotation, product life, and strength

Model	Fits Pole Diameter	Lbs.	Item #	Silver		Bronze		White		Black				
				1-5	6+	Item #	1-5	6+	Item #	1-5	6+			
RTS-2-150	4"	2.6	340170	\$237	\$214	340171	\$269	\$237	340172	\$269	\$237	340173	\$269	\$237

POLE TOP ADAPTERS

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



Model	Fits Pole Diameter	Lbs.	Silver			Bronze			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	\$90	\$84	340247	\$101	\$90	340256	\$101	\$90	340265	\$101	\$90
PTA-212	2-1/2"	.68	340239	90	84	340248	101	90	340257	101	90	340266	101	90
PTA-3	3"	1.0	340240	126	116	340249	137	125	340258	137	125	340267	137	125
PTA-312	3-1/2"	1.3	340241	126	116	340250	137	125	340259	137	125	340268	137	125
PTA-4	4"	1.6	340242	151	132	340251	164	147	340260	164	147	340269	164	147
PTA-412	4-1/2"	2.0	340243	151	132	340252	164	147	340261	164	147	340270	164	147
PTA-5	5"	2.4	340244	151	132	340253	164	147	340262	164	147	340271	164	147
PTA-512	5-1/2"	2.9	340245	197	176	340254	213	191	340263	213	191	340272	213	191
PTA-6	6"	3.8	340246	197	176	340255	213	191	340264	213	191	340273	213	191

FLAGPOLE CAPS

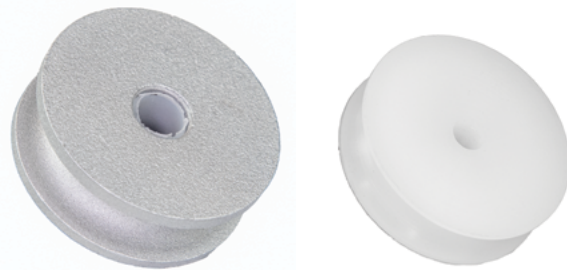
Cast aluminum construction designed to slip over the top of the flagpole and be secured with three 1/4"-20NC stainless steel set screws. The top of the cap is designed to accept an ornament with a spindle threading of 1/2"-13NC. Please specify color when ordering. If not specified, silver will be supplied.



Model	Fits Pole Diameter	Lbs.	Silver			Bronze			White			Black		
			Item #	1-5	6+	Item #	1-5	6+	Item #	1-5	6+	Item #	1-5	6+
FC-20	2"	.60	340274	\$35.50	\$32.00	340276	\$41.00	\$38.50	340278	\$41.00	\$38.50	340280	\$41.00	\$38.50
FC-212	2-1/2"	.60	340275	41.00	38.50	340277	44.00	41.50	340279	44.00	41.50	340281	44.00	41.50

ROPE PULLEYS

* 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".



Aluminum

Nylon

Item #	Dia.	Width	Material	Maximum Axle Dia.	Maximum Rope Dia.	Used With Our Truck Model Number...	1-5	6+	Lbs.
340302	1"	3/8"	Nylon	3/16"	1/4"	ST-1-38, ST-1-12, ST-1-16, ST-1-20	\$5.70	\$5.10	.01
340356*	1-1/2"	1/2"	Nylon	1/4"	1/4"	OTH, IH-1-35, OT35	7.90	6.80	.03
340355	1-1/2"	9/16"	Nylon	1/4"	1/4"	ST2, ST3, OT1, OT25, IH-1 Inner Pulley Insert	7.90	6.80	.03
340358	1-1/2"	3/4"	Nylon	1/4"	5/16"	RTS-1-125, RTC-1-138, RTC-1-2, RTC-1-238	8.30	7.90	.04
340357	1-15/16"	9/16"	Nylon	1/4"	5/16"	RTS-2-125, RTC-2-138, RTC-2-2, RTC-2-238	8.30	7.90	.04
340320	2"	1/2"	Nylon	1/4"	5/16"	OT2, OT3, OT325, IH-1-3, IHT-VS	6.80	6.20	.04
340359	2-1/2"	7/8"	Aluminum	1/2"	3/8"	HDT-1	39.50	35.50	.40
340305	3-3/4"	3/4"	Aluminum	1/2"	3/8"	HDT-2	40.00	37.00	.45

OUTDOOR FLAGPOLE ACCESSORIES



Deluxe



Standard

PULLEY & EYEBOLT ASSEMBLIES

Includes hex nut, washer & lock washer

Model	Item #	Overall Length	Thread Length	Bolt Threading	Bolt Material	Pulley Housing Material	Pulley Material	Max. Rope Diameter	1-5	6+	Lbs.
Deluxe	340236	4-1/8"	2-3/8"	5/16"-18NC	Stainless Steel	Stainless Steel	Nylon	5/16"	\$32.50	\$31.00	.02
Standard	340237	3-1/8"	1"	#8-32NC	Zinc Plated Steel	Zinc	Zinc	3/16"	9.80	8.90	.07



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	\$46.00	\$42.50	.60
340299	Bronze	52.00	48.00	.60
340300	Black	52.00	48.00	.60
340301	White	52.00	48.00	.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	\$49.00	\$44.50	.25
340307	5/8"-11NC	54.00	48.00	.25

STANDARD CAST ALUMINUM CLEATS

- Two 1/4"-20NC stainless steel mounting screws included
- Standard colors are: silver, bronze, white & black
- If not specified when ordering, silver will be supplied



Model	Length	Distance Between Hole Centers	Lbs.	Silver		Bronze		White		Black					
				Item #	1-5	6+	Item #	1-5	6+	Item #	1-5	6+			
CL6	6"	2"	.25	350000	\$16.00	\$14.50	350002	\$19.70	\$17.10	350004	\$19.70	\$17.10	350006	\$19.70	\$17.10
CL9	9"	2-3/4"	.55	350001	21.90	19.10	350003	24.20	21.80	350005	24.20	21.80	350007	24.20	21.80

LIGHT-DUTY CAST ALUMINUM CLEATS

- Two #10-5/8" self-tapping flat head mounting screws included
- Standard colors are: silver, bronze, white & black
- If not specified when ordering, silver will be supplied



Model	Length	Distance Between Hole Centers	Lbs.	Silver		Bronze		White		Black					
				Item #	1-5	6+	Item #	1-5	6+	Item #	1-5	6+			
CLC	4-1/2"	3/4"	.04	350008	\$8.20	\$7.80	350010	\$10.90	\$9.70	350012	\$10.90	\$9.70	350014	\$10.90	\$9.70
CLH	6"	1"	.06	350009	8.70	8.30	350011	12.20	11.70	350013	12.20	11.70	350015	12.20	11.70

HEAVY-DUTY CAST ALUMINUM CLEAT

- Two 3/8"-16NC stainless steel slotted flat head screws included
- Standard colors are: silver, bronze, white & black
- If not specified when ordering, silver will be supplied



Length	Distance Between Hole Centers	Lbs.	Silver			Bronze			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	\$164.00	\$153.00	350017	\$175.00	\$169.00	350018	\$175.00	\$169.00	350019	\$175.00	\$169.00



CAST NYLON CLEATS

Two #10-1-1/2" self-tapping mounting screws included

Model	Item #	Color	Distance Between Hole Centers			Lbs.
			1-5	6+	Lbs.	
CLP-G	350020	Gray	1-1/8"	\$6.20	\$5.70	.07
CLP-W	350021	White	1-1/8"	6.20	5.70	.07

STANDARD STAINLESS STEEL CLEATS

Mirror finished cleat with two 1/4"-20NC stainless steel mounting screws included

Model	Length	Distance Between Hole Centers			Item #	Price
		Lbs.	1-5	6+		
CL9/SS	9"	1.16	2-3/4"	350024	\$53.00	

CLEAT COVER BOXES

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

With Cylinder Lock And Mounting Screws

Model	Fits Pole Dia.	Lbs.	Silver			Bronze		
			Item #	1-5	6+	Item #	1-5	6+
CBC-335	3"-3½"	5.0	350042	\$223	\$197	350050	\$243	\$223
CBC-412	4"-12"	5.0	350043	223	197	350051	243	223

Model	Fits Pole Dia.	Lbs.	White			Black		
			Item #	1-5	6+	Item #	1-5	6+
CBC-335	3"-3½"	5.0	350054	\$243	\$223	350058	\$243	\$223
CBC-412	4"-12"	5.0	350055	243	223	350059	243	223

With Padlock And Mounting Screws

Model	Fits Pole Dia.	Lbs.	Silver			Bronze		
			Item #	1-5	6+	Item #	1-5	6+
CB-335	3"-3½"	5.6	350044	\$236	\$213	350052	\$264	\$236
CB-412	4"-12"	5.6	350045	236	213	350053	264	236

Model	Fits Pole Dia.	Lbs.	White			Black		
			Item #	1-5	6+	Item #	1-5	6+
CB-335	3"-3½"	5.6	350056	\$264	\$236	350060	\$264	\$236
CB-412	4"-12"	5.6	350057	264	236	350061	264	236



OUTDOOR FLAGPOLE ACCESSORIES

HALYARD COVERS WITH MOUNTING SCREWS

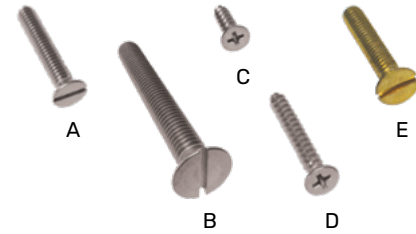
This 1-3/4" wide by 1" deep aluminum channel is designed to be used with the cleat cover boxes on [page 155](#) to provide additional protection 5' above the cleat cover box. The 5' and 6' models have an upper & lower hinge assembly and is secured to the pole with six #10-32NC stainless steel pan head screws (included). Note: Shown with cleat cover box which is sold separately and is not included in the pricing below. Standard colors are Silver, Clear Anodized, Bronze Anodized, Black Anodized, or painted White.



Model	Length	Lbs.	Item #	Silver		Clear			Bronze			White			Black		
				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	\$211	\$187	350070	\$256	\$229	350074	\$256	\$229	350078	\$256	\$229	350082	\$256	\$229
HC-6	6'	5.9	350067	229	211	350071	285	256	350075	285	256	350079	285	256	350083	285	256

CLEAT SCREWS

	Material	Length	Thread	Color	Item #	Price	Lbs.
A	Stainless Steel	1-1/2"	1/4"-20NC	Silver	350025	\$1.60	.05
B	Zinc Plated Steel	3"	3/8"-16NC	Silver	350026	3.28	.18
C	Zinc Plated Steel	5/8"	#10	Silver	350027	0.54	.01
D	Zinc Plated Steel	1-1/2"	#10	Silver	350028	0.56	.01
D	Stainless Steel	1-1/2"	#14	White Painted	350249	1.68	.05
E	Brass Alloy	1-1/2"	1/4"-20NC	Brass	350041	1.64	.02



LOCKS & KEYS FOR CLEAT BOXES

Model	Item #	Description	1-5	6+	Lbs.
CBC-L	350090	Cylinder Lock With Keys	\$27.70	\$25.70	.14
CBC-K	360292	Key Only For Cylinder Lock	11.40	11.10	.04
CB-L	350092	Padlock With Keys	20.50	18.80	.46



CLEAT COVER BOX MOUNTING SCREW

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

Item #	Color	Price	Lbs.
350062	Silver	\$1.66	.03



HALYARD COVER MOUNTING SCREW

5/8" x #10-32NC stainless steel

Item #	Color	Price	Lbs.
350086	Silver	\$0.74	.01



STAINLESS STEEL SPRING CLIPS

Item #	Length	1-11	12-143	144+	Lbs.
350136	2-3/8"	\$5.50	\$4.50	\$4.30	.06
350254	2-3/4"	7.30	6.90	6.40	.09





SOLID BRASS SWIVEL SNAPS

Model	Item#	Length	1-11	12-143	144+	Lbs.
ESS	350124	3"	\$7.90	\$7.10	\$6.80	.13
ESSL	350125	3-3/4"	11.00	9.80	9.00	.17
ESSXL	350126	4-3/4"	18.80	16.70	15.80	.30



CHROME PLATED BRASS SWIVEL SNAP

Model	Item#	Length	1-11	12-143	144+	Lbs.
ESSC	350128	3-1/2"	\$11.00	\$9.70	\$8.50	.13



SOLID BRASS DOUBLE SNAP

Model	Item#	Length	1-11	12-143	144+	Lbs.
DS-4	350135	4"	\$9.60	\$8.50	\$7.80	.14



White



Brown

RUBBER COATED BRASS SWIVEL SNAPS

Model	Item#	Length	Color	1-11	12-143	144+	Lbs.
ESR-W	350133	3"	White	\$16.90	\$16.00	\$13.40	.13
ESR-B	350134	3"	Brown	17.60	16.90	14.20	.13



NICKEL PLATED ZINC SWIVEL SNAP

Model	Item#	Length	1-11	12-143	144+	Lbs.
ESSZ	350127	3-1/2"	\$6.30	\$6.00	\$5.40	.10

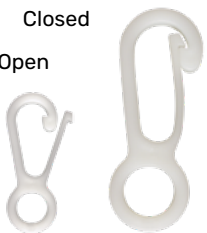


STAINLESS STEEL SWIVEL SNAPS

Model	Item#	Length	1-11	12-143	144+	Lbs.
SSFS1	350129	3-3/4"	\$32.00	\$30.50	\$28.50	.13
SSFS2	350130	4-3/4"	39.50	36.50	35.00	.28

Closed

Open



ESN EVL

Closed

Open



NYLON SNAPS

Model	Item#	Length	1-11	12-143	144+	Lbs.
ESN	350131	2-3/4"	\$1.30	\$1.24	\$1.18	.01
EVL	350132	3"	16.40	15.50	15.20	.04



STAINLESS STEEL SWIVEL SNAP WITH LARGE EYE OPENING

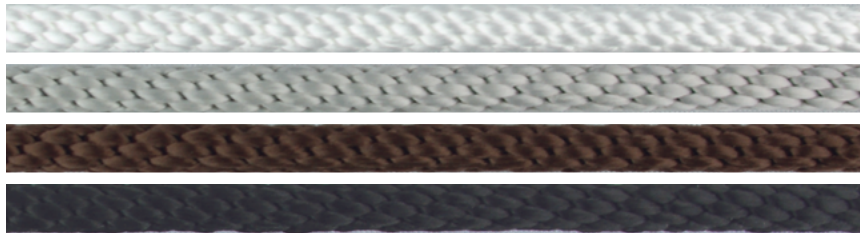
Ideal for 25' x 40' flags and larger.

Model	Item#	Length	1-11	12-143	144+	Lbs.
SSFS3	350257	4-3/4"	\$41.50	\$39.50	\$36.00	.35

OUTDOOR FLAGPOLE ACCESSORIES

VINYL SNAP COVERS

Model	Item#	Color	Len.	Dia.	1-11	12-143	144+	Lbs.
EVC-G	350137	Gray	3-1/2"	1-1/4"	\$4.00	\$3.70	\$3.60	.05
EVC-B	350138	Brown	3-1/2"	1-1/4"	4.00	3.70	3.60	.05
EVC-BL	350258	Black	3-1/2"	1-1/4"	4.00	3.70	3.60	.05
EVCXL-G	350139	Gray	4-1/4"	1-1/2"	5.60	5.40	5.00	.08
EVCXL-B	350140	Brown	4-1/4"	1-1/2"	5.60	5.40	5.00	.08
EVCXL-BL	350259	Black	4-1/4"	1-1/2"	5.60	5.40	5.00	.08



POLYESTER HALYARD - SOLID BRAIDED

Cut-To-Length - Priced Per Foot

Model	Dia.	Lbs.	Item#	White		Silver		Bronze		Black	
				Price	Item#	Price	Item#	Price	Item#	Price	Item#
PH6	3/16"	.01	350195	\$0.48	350200	\$0.50	350204	\$0.50	350208	\$0.50	
PH8	1/4"	.01	350196	0.52	350201	0.56	350205	0.56	350209	0.56	
PH10	5/16"	.02	350197	0.60	350202	0.64	350206	0.64	350210	0.64	
PH12	3/8"	.02	350198	0.74	350203	0.84	350207	0.84	350211	0.84	



Spools

Model	Feet Per Spool	Dia.	Lbs.	Item#	White		Silver		
					1-2 Spools	3+ Spools	Item#	1-2 Spools	3+ Spools
PH6	1,500	3/16"	16	350195	\$719	\$482	350200	\$749	\$574
PH8	1,000	1/4"	14	350196	519	361	350201	558	410
PH10	600	5/16"	11	350197	361	290	350202	384	313
PH12	600	3/8"	15	350198	446	338	350203	504	361
PH16	250	1/2"	16	350199	746	649	-	-	-

Model	Feet Per Spool	Dia.	Lbs.	Item#	Bronze		Black		
					1-2 Spools	3+ Spools	Item#	1-2 Spools	3+ Spools
PH6	1,500	3/16"	16	350204	\$749	\$574	350208	\$749	\$574
PH8	1,000	1/4"	14	350205	558	410	350209	558	410
PH10	600	5/16"	11	350206	384	313	350210	384	313
PH12	600	3/8"	15	350207	504	361	350211	504	361



POLYESTER HALYARD - SOLID BRAIDED

Pre-Bagged

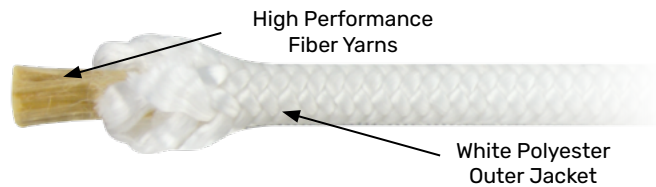
Model	Length	Dia.	Lbs.	White		Silver		Bronze	
				Item#	Price	Item#	Price	Item#	Price
NH4	28'	1/8"	.12	350141	\$7.30	-	-	-	-
PH6	30'	3/16"	.30	350142	15.20	350154	\$16.90	350166	\$16.90
PH6	40'	3/16"	.40	350143	20.30	-	-	350167	21.70
PH8	30'	1/4"	.34	-	-	350252	18.00	-	-
PH8	40'	1/4"	.45	350144	21.80	350156	25.30	350168	25.30
PH8	50'	1/4"	.65	350145	27.20	350157	29.30	350169	29.30
PH8	60'	1/4"	.75	350146	31.80	350158	34.60	350170	34.60
PH10	40'	5/16"	.90	-	-	350253	27.20	-	-
PH10	50'	5/16"	.90	350147	31.80	350159	34.60	350171	34.60
PH10	60'	5/16"	.95	350148	36.90	350160	38.90	350172	38.90
PH10	70'	5/16"	1.2	350149	41.30	350161	45.80	350173	45.80
PH10	80'	5/16"	1.4	350150	48.10	350162	50.40	350174	50.40
PH10	90'	5/16"	1.5	350151	52.50	350163	57.20	350175	57.20
PH10	100'	5/16"	1.5	350152	59.60	350164	64.00	350176	64.00
PH12	120'	3/8"	2.5	350153	73.60	350165	82.00	350177	82.00



TECHNORA® FLAGPOLE HALYARD

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

Item#	Description	Dia.	Color	Price	Lbs.
350256	Cut-To-Length	1/4"	White	\$2.33/Foot	.02
350256	1000' Spool	1/4"	White	\$2,330/Spool	18



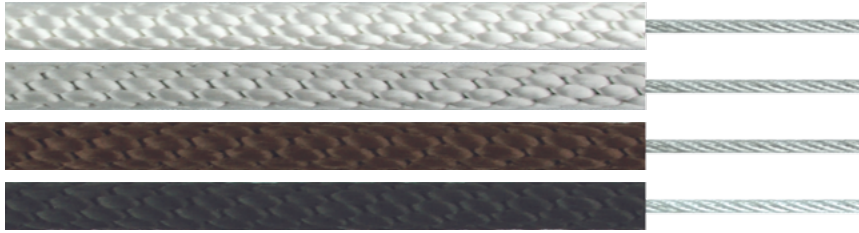
ZIPKLIP® FLAG FASTENERS

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

Item#	Price	Lbs.
350255	\$16.70 Per Set of Two	.20



OUTDOOR FLAGPOLE ACCESSORIES



POLYESTER WIRE CENTER HALYARD

Cut-To-Length - Priced Per Foot

Model	Dia.	Lbs.	White		Silver		Bronze		Black	
			Item#	Price	Item#	Price	Item#	Price	Item#	Price
NWCH6	3/16"	.03	350228	\$1.07	350232	\$1.16	350236	\$1.16	350240	\$1.16
NWCH8	1/4"	.03	350229	1.16	350233	1.20	350237	1.20	350241	1.20
NWCH10	5/16"	.04	350230	1.44	350234	1.52	350238	1.52	350242	1.52
NWCH12	3/8"	.04	350231	1.93	350235	2.00	350239	2.00	350243	2.00



Spools

Model	Feet Per Spool	Dia.	Lbs.	White		Silver	
				Item#	Price	Item#	Price
NWCH6	1,000	3/16"	32	350228	\$1,073	350232	\$1,158
NWCH8	1,000	1/4"	35	350229	1,158	350233	1,200
NWCH10	500	5/16"	21	350230	718	350234	761
NWCH12	500	3/8"	26	350231	965	350235	1,001

Model	Feet Per Spool	Dia.	Lbs.	Bronze		Black	
				Item#	Price	Item#	Price
NWCH6	1,000	3/16"	31	350236	\$1,158	350240	\$1,158
NWCH8	1,000	1/4"	34	350237	1,200	350241	1,200
NWCH10	500	5/16"	20	350238	761	350242	761
NWCH12	500	3/8"	23	350239	1,001	350243	1,001





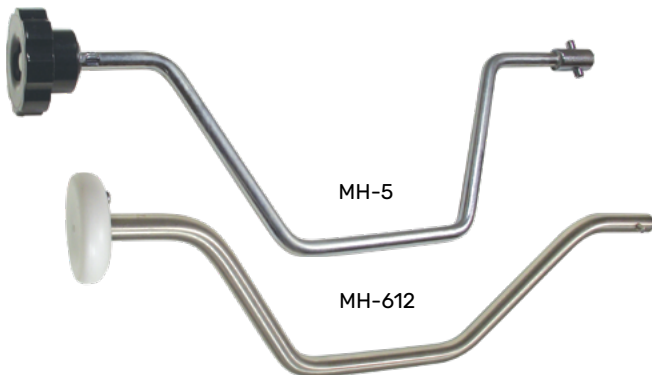
M-WINCH: Reliable. Maintenance-Free. Built to Last.

Our M-Winch features a gearless, self-locking design that holds securely at any position—no separate brake required. Its direct-drive system ensures smooth and efficient raising and lowering of your flag.

Designed for durability and ease, the M-Winch requires no welding, eliminating the risk of discoloration on anodized finishes. Completely maintenance-free, it never needs lubrication.

Installation is simple: the winch slides into the pole and is secured with a stainless steel bolt on the back. Each unit comes with a lock and key for added security.

Model	Fits Pole Dia.	Lbs.	Item#	Satin		Clear		Bronze		White		Black	
				Price	Item#	Price	Item#	Price	Item#	Price	Item#	Price	Item#
M-5	5" w/.125 WALL	1.3	360000	\$790	360009	\$830	360018	\$830	360027	\$830	360036	\$830	360036
M-5	5" w/.156 or .188 WALL	1.3	360516	790	360517	830	360518	830	360519	830	360520	830	360520
M-6	6"	2.1	360001	1,250	360010	1,290	360019	1,290	360028	1,290	360037	1,290	360037
M-6H	6" w/.250 WALL	2.1	360501	1,250	360502	1,290	360503	1,290	360505	1,290	360504	1,290	360504
M-7	7"	2.3	360002	1,250	360011	1,290	360020	1,290	360029	1,290	360038	1,290	360038
M-8	8"	4.5	360003	1,400	360012	1,470	360021	1,470	360030	1,470	360039	1,470	360039
M-10	10"	4.9	360004	1,470	360013	1,520	360022	1,520	360031	1,520	360040	1,520	360040
M-10H	10"	4.9	360508	1,470	360509	1,520	360510	1,520	360512	1,520	360511	1,520	360511
M-1034	10-3/4"	5.1	360005	1,700	360014	1,770	360023	1,770	360032	1,770	360041	1,770	360041
M-12	12" w/.250 WALL	5.0	360466	1,700	360467	1,770	360468	1,770	360469	1,770	360470	1,770	360470
M-12	12" w/.375 WALL	5.0	360006	1,700	360015	1,770	360024	1,770	360033	1,770	360042	1,770	360042
M-1234	12-3/4"	7.9	360007	3,430	360016	3,450	360025	3,450	360034	3,450	360043	3,450	360043
M-14	14"	8.1	360008	3,430	360017	3,450	360026	3,450	360035	3,450	360044	3,450	360044



LOCK & KEY FOR M-WINCHES

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

Model	Item#	Description	Price	Lbs.
M-L	360054	Lock with Key	\$123	.08
M-K	360055	Key Only*	\$17	.01

M-WINCH HANDLES

Model	Item#	For M-Winch Model #	Price	Lbs.
MH-5	360045	M-5	\$92	.50
MH-612	360046	M-6 Thru M-14	\$196	1.1

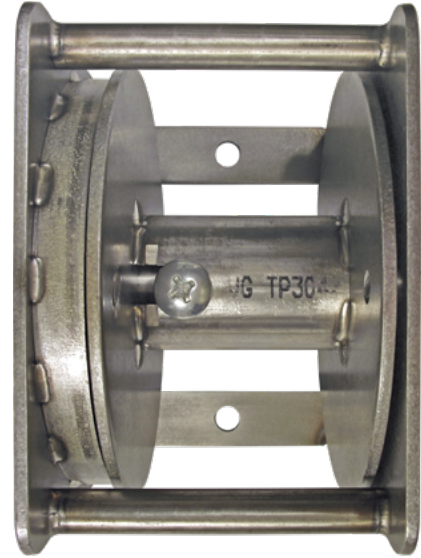
Products on this page are intended exclusively as replacement parts for Eder Flag products. Their warranty is valid only when used with factory-installed Eder Flag shafts. Any request for service or warranty coverage must include invoice documentation for both the product and the shaft.

OUTDOOR FLAGPOLE ACCESSORIES

STAINLESS STEEL WINCHES

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

Model	Item#	Size	Height	Width	Drum Width	1-5	6+	Lbs.
SSW1	360047	Small	4-1/8"	3-1/8"	1-1/2"	\$800	\$770	3.5
SSW2	360048	Large	4-1/8"	3-5/8"	2"	800	770	3.8
SSW3	360049	X-Large	4-1/8"	6-5/8"	5"	1,380	1,270	4.8



HANDLE FOR STAINLESS STEEL WINCHES

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

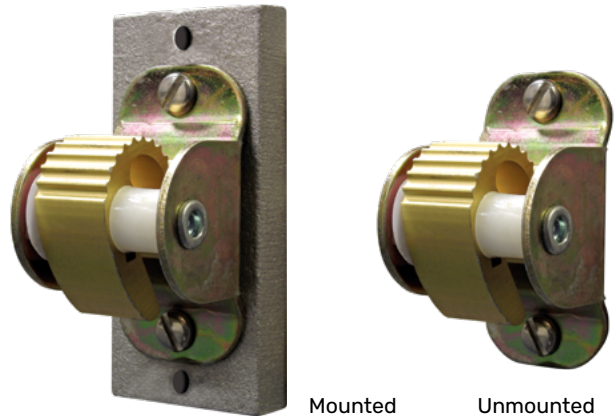
Model	Item#	1-5	6+	Lbs.
WH1	360051	\$77.00	\$71.00	1.3



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. The unmounted version is also supplied with two #10-32NC stainless steel mounting screws. Recommended maximum rope diameter is 5/16".

Item#	Description	1-5	6+	Lbs.
360052	Mounted	\$60.00	\$53.00	.50
360053	Unmounted	34.00	32.50	.25



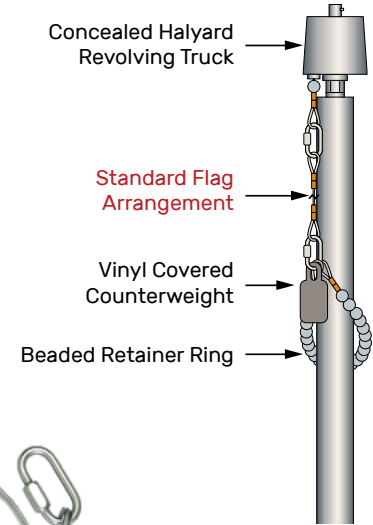
Mounted

Unmounted

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	\$56	\$48	.35
FA2	360079	2' x 3'	2	68	64	.50
FA25	360080	2-1/2' x 4'	2	74	68	.55
FA3	360081	3' x 5'	2	77	69	.55
FA4	360082	4' x 6'	2	79	74	.60
FA5	360083	5' x 8' or 5' x 9-1/2'	2	83	77	.65
FA6	360084	6' x 10'	2	88	83	.65
FA8	360085	8' x 12'	3	183	161	.70
FA10	360086	10' x 15' or 10' x 19'	3	187	167	.95
FA12	360087	12' x 18'	3	200	183	1.0
FA15	360088	15' x 25'	3	205	191	1.1
FA20	360089	20' x 30' or 20' x 38'	3	213	193	1.3
FA25	360090	25' x 40'	3	232	210	2.0
FA30	360091	30' x 50' or 30' x 60'	3	239	213	2.8



Arrangement shown with 2 Quick Links

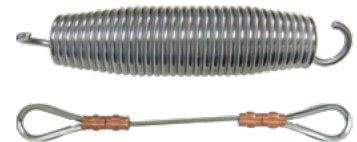
DELUXE FLAG ARRANGEMENTS

Constructed of 1/8" stainless steel aircraft cable with a stainless steel thimble attached at each end with 2 copper crimps. These flag arrangements provide the method of attaching the flag or flags to the cable assembly. This is also an excellent method for changing the quantity of flags or the size(s) of flag(s) without having to change the entire cable assembly. Deluxe flag arrangements are supplied with either 2 or 3 stainless steel quick links and stainless steel swivel snaps depending on recommended flag size. Shock spring and safety cable are supplied on 8'x12' and larger flag sizes.

Model	Item#	For Flag Size	Quick Links	Flag Snaps	Supplied With		1-5	6+	Lbs.
					Shock Spring	Safety Cable			
FA2	360474	2' x 3'	2	2 (Stainless Steel SSFS-1)	-	-	\$104	\$96	1.2
FA25	360475	2-1/2' x 4'	2	2 (Stainless Steel SSFS-1)	-	-	116	101	1.3
FA3	360476	3' x 5'	2	2 (Stainless Steel SSFS-1)	-	-	118	104	1.3
FA4	360477	4' x 6'	2	2 (Stainless Steel SSFS-1)	-	-	123	112	1.3
FA5	360478	5' x 8' or 5' x 9-1/2'	2	2 (Stainless Steel SSFS-1)	-	-	129	118	1.4
FA6	360479	6' x 10'	2	2 (Stainless Steel SSFS-1)	-	-	142	129	1.4
FA8	360480	8' x 12'	3	2 (Stainless Steel SSFS-2)	1	1	203	183	2.3
FA10	360481	10' x 15' or 10' x 19'	3	2 (Stainless Steel SSFS-2)	1	1	205	187	2.6
FA12	360482	12' x 18'	3	2 (Stainless Steel SSFS-2)	1	1	217	200	2.6
FA15	360483	15' x 25'	3	2 (Stainless Steel SSFS-2)	1	1	224	205	2.7
FA20	360484	20' x 30' or 20' x 38'	3	2 (Stainless Steel SSFS-2)	1	1	238	213	2.9
FA25	360485	25' x 40'	3	2 (Stainless Steel SSFS-2)	1	1	245	217	3.6
FA30	360486	30' x 50' or 30' x 60'	3	2 (Stainless Steel SSFS-2)	1	1	250	219	4.4



Arrangement for flag size 6' x 10' or smaller



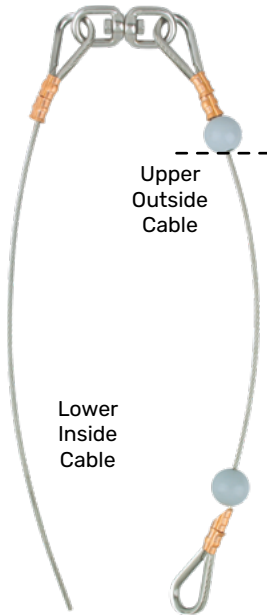
Shock spring and Safety Cable supplied with arrangements for 8' x 12' or larger flag sizes

OUTDOOR FLAGPOLE ACCESSORIES

CABLE ASSEMBLIES

Constructed of stainless steel aircraft cable incorporating a stainless steel swivel to minimize stress on the cable and reduce the possibility of the lower cable twisting due to the rotation of the truck assembly. If ordering a cable assembly separate from a flagpole, some field assembly will be required as the upper cable must be threaded through the truck assembly. The thimble and crimps for the outer end of the assembly are sent unattached. Standard cable assemblies are designed for flagpoles with an M-Winch installed at 4' above grade.

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



Item#	Exposed Ht. of Flagpole	Lower Inside Cable		Upper Outside Cable		1-5	6+	Lbs.
		Dia.	Len.	Dia.	Len.			
360056	20'	3/32"	17'	1/8"	17'	\$164	\$150	1.4
360332	25**	3/32"	21'	1/8"	21'	185	161	1.6
360057	25'	1/8"	21'	1/8"	21'	185	161	1.9
360333	30**	3/32"	27'	1/8"	27'	197	176	1.9
360058	30'	1/8"	27'	1/8"	27'	197	176	2.2
360334	35**	3/32"	31-1/2'	1/8"	31-1/2'	209	189	2.1
360059	35'	1/8"	31-1/2'	1/8"	31-1/2'	209	189	2.5
360060	40'	1/8"	37'	3/16"	37'	228	208	4.2
360061	45'	1/8"	42'	3/16"	42-1/2'	238	216	4.6
360062	50'	1/8"	46'	3/16"	46-1/2'	261	231	5.1
360063	60'	1/8"	56-1/2'	3/16"	57'	324	294	6.1
360064	70'	1/8"	66-1/2'	3/16"	67'	345	309	7.0
360066	80'	1/8"	76-1/2'	3/16"	77'	365	334	8.0
360067	90'	1/8"	86-1/2'	3/16"	87'	466	420	8.9
360068	100'	1/8"	96-1/2'	3/16"	97'	496	454	9.9
360069	110'	1/8"	106-1/2'	3/16"	107'	517	466	11
360070	120'	1/8"	116-1/2'	3/16"	117'	527	474	12
360071	130'	1/8"	126-1/2'	3/16"	127'	606	547	13
360072	140'	1/8"	136-1/2'	3/16"	137'	626	560	14
360073	150'	1/8"	146-1/2'	3/16"	147'	669	606	15
360074	160'	1/8"	156-1/2'	3/16"	157'	713	647	16
360075	170'	1/8"	166-1/2'	3/16"	167'	755	681	17
360076	180'	1/8"	176-1/2'	3/16"	177'	842	755	18
360077	190'	1/8"	186-1/2'	3/16"	187'	904	815	19
360078	200'	1/8"	196-1/2'	3/16"	197'	995	893	20

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.



Poly Rope Assembly # 360096 shown

Polyester Rope Assemblies

Ht. of Pole	Len. of Rope	Dia. of Rope	Lbs.	White			Silver			Bronze			Black		
				Item#	1-5	6+	Item#	1-5	6+	Item#	1-5	6+	Item#	1-5	6+
20'	50'	1/4"	1.7	360096	\$34.50	\$31.00	360106	\$34.50	\$31.00	360116	\$34.50	\$31.00	360126	\$34.50	\$31.00
25'	60'	1/4"	2.1	360097	39.00	34.50	360107	40.00	37.00	360117	40.00	37.00	360127	40.00	37.00
30'	70'	1/4"	2.4	360098	41.50	39.00	360108	44.00	40.00	360118	44.00	40.00	360128	44.00	40.00
35'	80'	1/4"	2.7	360099	44.00	41.50	360109	46.50	43.00	360119	46.50	43.00	360129	46.50	43.00
40'	90'	1/4"	3.1	360100	50.50	44.00	360110	54.00	46.50	360120	54.00	46.50	360130	54.00	46.50

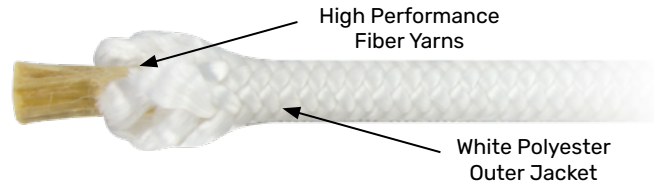
Polyester With Wire Center Rope Assemblies

Ht. of Pole	Len. of Rope	Dia. of Rope	Lbs.	White			Silver			Bronze			Black		
				Item#	1-5	6+	Item#	1-5	6+	Item#	1-5	6+	Item#	1-5	6+
20'	50'	3/16"	1.6	360137	\$60	\$56	360147	\$68	\$61	360157	\$68	\$61	360167	\$68	\$61
25'	60'	3/16"	1.9	360138	68	61	360148	80	74	360158	80	74	360168	80	74
30'	70'	3/16"	2.2	360139	75	69	360149	91	83	360159	91	83	360169	91	83
35'	80'	3/16"	2.5	360140	84	77	360150	105	97	360160	105	97	360170	105	97
40'	90'	3/16"	2.8	360340	124	93	360341	132	122	360342	132	122	360343	132	122

TECHNORA® ROPE ASSEMBLIES

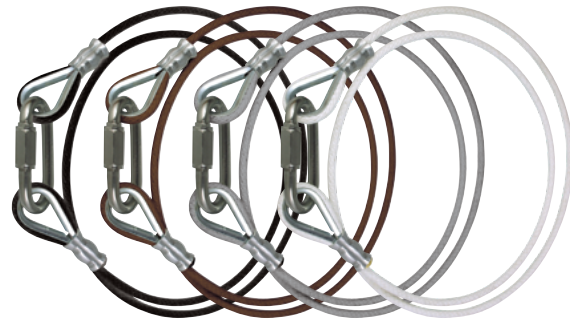
High performance fibers are encased inside a polyester fiber yarn jacket resulting in a high strength, low stretch, U.V. and abrasion resistant flagpole halyard.

Ht. of Pole	Len. of Rope	Dia. of Rope	Lbs.	Item#	White	
					1-5	6+
20'	50'	1/4"	2.0	360495	\$114	\$101
25'	60'	1/4"	2.4	360496	138	125
30'	70'	1/4"	2.7	360497	169	155
35'	80'	1/4"	3.0	360498	183	160
40'	90'	1/4"	3.4	360499	205	187

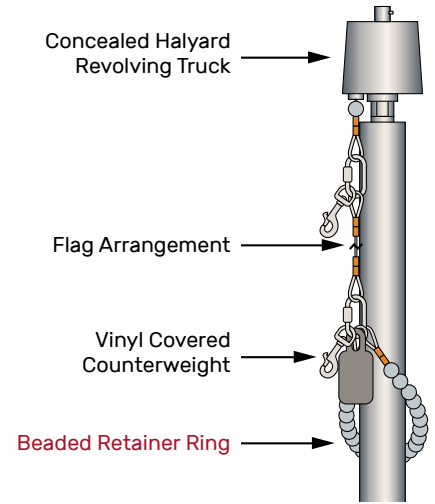


ROPE RETAINER RINGS

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



Model	Butt Dia. of Pole	Lbs.	Item#	White		Silver			Bronze			Black		
				1-5	6+	Item#	1-5	6+	Item#	1-5	6+	Item#	1-5	6+
RRR5	5"	.30	360230	\$31.00	\$28.50	360239	\$37.00	\$33.50	360248	\$37.00	\$33.50	360257	\$37.00	\$33.50
RRR6	6"	.30	360231	33.50	30.00	360240	39.00	34.50	360249	39.00	34.50	360258	39.00	34.50
RRR65	6-1/2"	.30	360232	34.50	31.00	360241	40.00	37.00	360250	40.00	37.00	360259	40.00	37.00
RRR7	7"	.32	360233	37.00	33.50	360242	43.00	40.00	360251	43.00	40.00	360260	43.00	40.00
RRR8	8"	.32	360234	39.00	34.50	360243	44.00	41.50	360252	44.00	41.50	360261	44.00	41.50
RRR10	10"	.34	360235	40.00	37.00	360244	46.50	43.00	360253	46.50	43.00	360262	46.50	43.00
RRR105	10-1/2"	.34	360236	44.00	41.50	360245	59.00	50.50	360254	59.00	50.50	360263	59.00	50.50
RRR115	11-1/2"	.36	360237	50.50	43.00	360246	65.50	59.00	360255	65.50	59.00	360264	65.50	59.00
RRR12	12"	.36	360238	56.00	46.50	360247	69.00	64.00	360256	69.00	64.00	360265	69.00	64.00
RRR16	16"	.50	360349	71.00	67.00	-	-	-	360350	86.00	79.00	-	-	-
RRR163	16-3/4"	.50	360351	86.00	79.00	-	-	-	360352	86.00	79.00	-	-	-



BEADED RETAINER RINGS

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

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

Model	Length	Pole Butt Dia.	Dia. of Balls	Lbs.	Item#	White		Silver			Bronze			Black		
						1-5	6+	Item#	1-5	6+	Item#	1-5	6+	Item#	1-5	6+
RR5	30"	5"	1"	.75	360176	\$71	\$67	360194	\$83	\$77	360212	\$83	\$77	360488	\$83	\$77
RR6	34"	6"	1"	.80	360177	74	68	360195	86	79	360213	86	79	360489	86	79
RR7	38"	7"	1"	.85	360178	78	71	360196	88	83	360214	88	83	360490	88	83
RR8	42"	8"	1"	.90	360179	79	74	360197	93	84	360215	93	84	360491	93	84
RR10	50"	10"	1"	1.1	360180	86	79	360198	96	86	360216	96	86	360492	96	86
RR11	53"	11"	1"	1.2	360181	93	83	360199	108	96	360217	108	96	360493	108	96
RR12	57"	12"	1"	1.2	360182	96	86	360200	112	98	360218	112	98	360494	112	98
RR13	61"	13"	1" & 2"	2.5	360183	185	164									
RR14	65"	14"	1" & 2"	2.7	360184	197	176									
RR16	76"	16"	1" & 2"	3.1	360185	221	203									
RR18	82"	18"	1" & 2"	3.4	360186	257	230									
RR20	92"	20"	1" & 2"	3.8	360187	279	257									
RR22	97"	22"	1" & 2"	4.2	360188	308	279									
RR24	105"	24"	1" & 2"	4.6	360189	341	308									
RR30	122"	30"	1" & 2"	5.8	360190	402	364									
RR32	131"	32"	1" & 2"	6.2	360191	428	385									
RR34	139"	34"	1" & 2"	6.6	360192	473	428									
RR36	146"	36"	1" & 2"	7.0	360193	494	452									

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+	
360266	1"	White	\$1.18	\$1.00	.02
360267	1"	Silver	1.28	1.20	.02
360268	1"	Bronze	1.28	1.20	.02
360487	1"	Black	1.28	1.20	.02
360269	1-1/2"	White	5.00	4.80	.06
360270	2"	White	7.70	6.80	.15



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. Lock & keys included. Standard colors are Silver, or painted to match Clear, Bronze, White or Black. Please specify color when ordering. If not specified Silver will be supplied.



Description	Lbs.	Item#	Silver		Clear			Bronze			White			Black		
			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	\$257	\$224	-	-	-	360297	\$272	\$250	-	-	-	360301	\$272	\$250
No Cam Cleat	2.8	360294	203	187	360296	\$219	\$203	360298	219	203	360300	\$219	\$203	360302	219	203



Flat Locking Tab

LOCK & KEYS FOR DOOR & FRAME UNIT

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

Model	Item#	Description	1-5	6+	Lbs.
DFL	360303	Lock with 2 Keys	\$26.60	\$24.60	.14
DFK	360292	Key Only	11.40	11.10	.04

OUTDOOR FLAGPOLE ACCESSORIES



6"



7" through 12"

INTERNAL HALYARD DOORS FOR ALUMINUM FLAGPOLES

With lock & keys

Model	Pole Dia.	Lbs.	Item#	Satin		Clear			Bronze			White			Black		
				1-5	6+	Item#	1-5	6+	Item#	1-5	6+	Item#	1-5	6+	Item#	1-5	6+
IHD6	6"	.42	360271	\$250	\$237	360276	\$259	\$246	360335	\$259	\$246	360281	\$259	\$246	360286	\$259	\$246
IHD7	7"	.46	360272	250	237	360277	259	246	360336	259	246	360282	259	246	360287	259	246
IHD8	8"	.60	360273	250	237	360278	259	246	360337	259	246	360283	259	246	360288	259	246
IHD10	10"	.72	360274	284	278	360279	306	294	360338	306	294	360284	306	294	360289	306	294
IHD12	12"	.76	360275	284	278	360280	306	294	360339	306	294	360285	306	294	360290	306	294



Bend in Locking Tab

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 with 2 Keys	\$26.60	\$24.60	.14
IHDK	360292	Key Only	11.40	11.10	.04



CW35

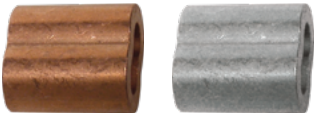


CW7 & CW14

COUNTERWEIGHTS

Fabricated from 2" diameter steel and then coated with vinyl. 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			Black			
			Item#	1-5	6+	Item#	1-5	6+	Item#	1-5	6+	Item#	1-5	6+
CW35	3-1/2"	3.3	360313	\$69	\$60	360316	\$69	\$60	360319	\$69	\$60	360513	\$69	\$60
CW7	7"	6.7	360314	93	84	360317	93	84	360320	93	84	360514	93	84
CW14	14"	13	360315	124	113	360318	124	113	360321	124	113	360515	124	113



CABLE & ROPE CRIMPS

Model	Item#	For Cable or Rope Dia.	Material	1-5	6+	Lbs.
CC3	360328	3/32"	Copper	\$1.24	\$1.12	.01
CC1	360324	1/8"	Copper	1.24	1.12	.02
CC2	360325	5/32"	Copper	3.44	3.22	.02
ARC1	360326	1/4" - 5/16"	Aluminum	2.80	2.70	.02
ARC316	360500	3/16"	Aluminum	2.80	2.70	.02



QUICK LINK

Stainless steel

Model	Item#	Length	Width	1-5	6+	Lbs.
SSQL	360329	2-7/8"	1-3/8"	\$18.20	\$13.60	.20



COPPER CABLE STOP

For use with stainless steel winches on [page 162](#).

Model	Item#	For Cable Diameter	1-5	6+	Lbs.
CS1	360327	1/8"	\$1.24	\$1.12	.01



CABLE SWIVEL CONNECTORS

Stainless steel

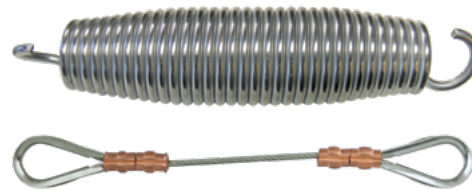
Model	Item#	Length	Width	1-5	6+	Lbs.
IHCSC	360323	2-3/4"	1-1/8"	\$10.50	\$10.00	.20
IHCSC	360472	3-5/8"	1-3/8"	21.60	20.50	.28



CABLE & ROPE THIMBLES

- IHTH-3 & IHTH-1 are stainless steel
- IHTH-2 & IHTH-4 are zinc plated steel

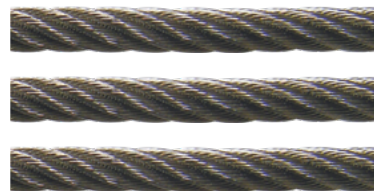
Model	Item#	For Cable or Rope Dia.	1-5	6+	Lbs.
IHTH-3	360331	3/32"	\$4.50	\$4.00	.02
IHTH-1	360322	1/8" - 5/32"	5.20	4.60	.02
IHTH-2	300238	1/8" - 5/32"	1.78	1.46	.02
IHTH-4	360471	5/16"	2.48	1.68	.05



SHOCK SPRING & SAFETY CABLE

- Recommended for flagpoles which use arrangements for 8' x 12' or larger flags.
- The shock spring is zinc plated high carbon steel, 5-1/2" overall length.
- The safety cable is 1/8" stainless steel aircraft cable and is 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	\$20.20	\$18.20	.04
SCO	360093	Safety Cable	13.20	11.90	.02



STAINLESS STEEL CABLE

Priced per foot

Model	Item#	Diameter	1'-199'	200'+	Lbs.
SSC32	360330	3/32"	\$3.00	\$2.80	.10
SSC18	360094	1/8"	3.00	2.80	.10
SSC316	360095	3/16"	3.40	3.00	.10