





HARDWARE: THE RIGHT SUPPLIES

Get the job done right. Trivantage® carries trusted tools like hammers, hole cutters, the Engel hot knife, awls, the Osborne staple remover, zipper jigs, grommets and scissors as well as finishing supplies like thread, webbing, tape and rope from brands like Gore® Tenara®, PremoBond, VELCRO®, Coats, YKK® and Sunbrella®. Find tough materials that stand up to weather, like corrosion-resistant marine hardware and shade sail and awning hardware. The supplies you use should be the same as your craftsmanship—exceptional.



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SolaMesh® Shade Sail Hardware

Engineered to work seamlessly with SolaMesh shade sail fabric, SolaMesh hardware is available in a variety of sizes to meet all demands. Made of stainless steel type 316, it is built for lifting and rigging purposes. SolaMesh hardware is backed by a 5-year warranty.

Note: The completed structure should be properly designed by a professional engineer and installed by an experienced contractor in accordance with local building codes. It is the responsibility of the fabricator to determine the right hardware for a specific structure. It is recommended that an anti-seize product like Ultra Tef-Gel Marine Lubricant (Item #214324) be used on turnbuckle threads to reduce binding.

Warranty	5-Year
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Item #	Description	Height	Inside Diameter	Length	Material	Put Up	Size	Size Opening	Tapped Thread	Threaded For Size	Width
207020	Turnbuckle Jaw/Jaw			196 mm (7.72 in.)	Stainless Steel Type 316	1/each	8 mm (5/16 in.)	11 mm (0.43 in.)			
207021	Turnbuckle Jaw/Jaw			238 mm (9.37 in.)	Stainless Steel Type 316	1/each	10 mm (3/8 in.)	12 mm (0.47 in.)			
207022	Turnbuckle Jaw/Jaw			324 mm (12.76 in.)	Stainless Steel Type 316	1/each	12 mm (7/16 in.)	14 mm (0.55 in.)			
207023	Turnbuckle Hook/Hook			200 mm (7.87 in.)	Stainless Steel Type 316	1/each	8 mm (5/16 in.)	10 mm (0.39 lbs.)			
207024	Turnbuckle Hook/Hook			240 mm (9.45 lbs.)	Stainless Steel Type 316	1/each	10 mm (3/8 in.)	12 mm (0.47 in.)			
207025	Spring Hook		12 mm (0.47 in.)	80 mm (3.15 in.)	Stainless Steel Type 316	1/each	8 mm (5/16 in.)	9 mm (0.35 in.)			
207026	Spring Hook		15 mm (0.59 in.)	100 mm (3.94 in.)	Stainless Steel Type 316	1/each	10 mm (3/8 in.)	12 mm (0.47 in.)			
207027	Cable Dee Ring	58 mm (2.28 in.)			Stainless Steel Type 316	1/each	6 mm x 50 mm (5/16 in. x 2 in.)				52 mm (2.05 in.)
207028	Cable Dee Ring	64 mm (2.52 in.)			Stainless Steel Type 316	1/each	8 mm x 50 mm (3/8 in. x 2 in.)			M8	54 mm (2.13 in.)
207029	Cable Dee Ring	70 mm (2.76 in.)			Stainless Steel Type 316	1/each	10 mm x 55 mm (7/6 in. x 2-3/16 in.)			M8	56 mm (2.2 in.)
207030	Dee Ring Thimble	57 mm (2.24 in.)			Stainless Steel Type 316	1/each	6 mm x 50 mm (5/16 in. x 2 in.)				64 mm (2.52 in.)
207031	Dee Ring Thimble	62 mm (2.44 in.)			Stainless Steel Type 316	1/each	8 mm x 50 mm (3/8 in. x 2 in.)				69 mm (2.72 in.)
207032	Dee Ring Thimble	76 mm (2.99 in.)			Stainless Steel Type 316	1/each	10 mm 65 mm (7/16 in. x 2-9/16 in.)				87 mm (3.43 in.)
207033	Dee Ring	47 mm (1.85 in.)		50 mm (1.97 in.)	Stainless Steel Type 316	1/each	6 mm x 50 mm (1/4 in. x 2 in.)				
207034	Dee Ring	47 mm (1.85 in.)		50 mm (1.97 in.)	Stainless Steel Type 316	1/each	8 mm x 50 mm (3/16 in. x 2 in.)				
207035	Triangle	50 mm (1.97 in.)		50 mm (1.97 in.)	Stainless Steel Type 316	1/each	6 mm x 50 mm (1/4 in. x 2 in.)				
207036	Triangle	50 mm (1.97 in.)		50 mm (1.97 in.)	Stainless Steel Type 316	1/each	8 mm x 50 mm (3/16 in. x 2 in.)			M8	
207037	Bow Shackle			32 mm (1.26 in.)	Stainless Steel Type 316	1/each	8 mm (5/16 in.)	16 mm (0.63 in.)			
207038	Bow Shackle			40 mm (1.57 in.)	Stainless Steel Type 316	1/each	10 mm (3/8 in.)	20 mm (0.79 in.)			



207020



207023



207025



207027



207030



207033



207035

Item #	Description	Height	Inside Diameter	Length	Material	Put Up	Size	Size Opening	Tapped Thread	Threaded For Size	Width
207039	Bow Shackle			48 mm (1.89 in.)	Stainless Steel Type 316	1/each	12 mm (7/16 in.)	24 mm (0.94 in.)			
207040	Dee Shackle			32 mm (1.26 in.)	Stainless Steel Type 316	1/each	8 mm (5/16 in.)	16 mm (0.63 in.)			
207041	Dee Shackle			40 mm (1.57 in.)	Stainless Steel Type 316	1/each	10 mm (3/8 in.)	20 mm (0.79 in.)			
207042	Long Dee Shackle			64 mm (2.52 in.)	Stainless Steel Type 316	1/each	8 mm (5/16 in.)	16 mm (0.63 in.)			
207043	Long Dee Shackle			80 mm (3.15 in.)	Stainless Steel Type 316	1/each	10 mm (3/8 in.)	20 mm (0.79 in.)			
207044	Twisted Dee Shackle			48 mm (1.89 in.)	Stainless Steel Type 316	1/each	8 mm (5/16 in.)	16 mm (0.63 in.)			
207045	Twisted Dee Shackle			60 mm (2.36 in.)	Stainless Steel Type 316	1/each	10 mm (3/8 in.)	20 mm (0.79 in.)			
207046	Diamond Pad Eye			90 mm (3.54 in.)	Stainless Steel Type 316	1/each	90 mm x 55 mm (3-1/2 in. x 2-9/16 in.)				55 mm (2.17 in.)
207047	Diamond Pad Eye			100 mm (3.94 in.)	Stainless Steel Type 316	1/each	100 mm x 62 mm (4 in. x 2-1/2 in.)				62 mm (2.44 in.)
207048	Diagonal Eye Wall Plate			100 mm (3.94 in.)	Stainless Steel Type 316	1/each	100 mm				100 mm (3.94 in.)
207049	Diagonal Eye Wall Plate			150 mm (5.91 in.)	Stainless Steel Type 316	1/each	150 mm				150 mm (5.91 in.)
207050	Eye Bolt, Nut, Washer		20 mm (0.79)	100 mm (3.94 in.)	Stainless Steel Type 316	1/each	8 mm x 100 mm (5/16 in. x 4 in.)		8 mm (0.31 in.)		
207051	Eye Bolt, Nut, Washer		20 mm (0.79 in.)	150 mm (5.91 in.)	Stainless Steel Type 316	1/each	8 mm x 150 mm (5/16 in. x 6 in.)		8 mm (0.31 in.)		
207052	Eye Bolt, Nut, Washer		23 mm (0.91 in.)	150 mm (5.91 in.)	Stainless Steel Type 316	1/each	10 mm x 150 mm (7/16 in. x 6 in.)		10 mm (0.39 in.)		
207053	Rope Clamp			33 mm (1.3 in.)	Rope Clamp	1/each	6 mm (5/16 in.)				26 mm (1.02 in.)
207054	Rope Clamp			35 mm (1.38 in.)	Stainless Steel Type 316	1/each	8 mm (3/8 in.)				32 mm (1.26 in.)
207055	Rope Clamp			40 mm (1.57 in.)	Stainless Steel Type 316	1/each	10 mm (7/16 in.)				37 mm (1.46 in.)
207056	Thimble		10/16"	26 mm (1.02 in.)	Stainless Steel Type 316	1/each	6 mm (5/16 in.)				
207057	Thimble		18 mm (0.71 in.)	33 mm (1.3 in.)	Stainless Steel Type 316	1/each	8 mm (3/8 in.)				
207058	Thimble		23 mm (0.91 in.)	48 mm (1.89 in.)	Stainless Steel Type 316	1/each	10 mm (7/16 in.)				
207059	Shade Sail Wire Rope				Stainless Steel Type 316	492 ft.	6 mm (5/16 in.)				
207060	Shade Sail Wire Rope				Stainless Steel Type 316	328 ft.	8 mm (3/8 in.)				
207061	Shade Sail Wire Rope				Stainless Steel Type 316	328 ft.	10 mm (7/16 in.)				
207062	Eye Bolt		20 mm (0.79 in.)	80 mm (3.15 in.)	Stainless Steel Type 316	1/each	8 mm x 80 mm (5/16 in. x 3-1/8 in.)		8 mm (0.31 in.)		



207039



207042



207046



207048



207051



207053



207061

Item #	Description	Height	Inside Diameter	Length	Material	Put Up	Size	Size Opening	Tapped Thread	Threaded For Size	Width
207063	Eye Bolt		23 mm (0.91 in.)	80 mm (3.15 in.)	Stainless Steel Type 316	1/each	10 mm x 80 mm (3/8 in. x 3-1/8 in.)		10 mm (0.39 in.)		
207064	Eye Bolt		25 mm (0.98 in.)	100 mm (3.94 in.)	Stainless Steel Type 316	1/each	12 mm x 100 mm (1/2 in. x 4 in.)		12 mm (0.47 in.)		
207066	Snap Hook			53 mm (2.09 in.)	Stainless Steel Type 316	1/each	2 in. x 0.62 in.	16 mm (0.63 in.)			
207067	Turnbuckle Eye/ Eye			195 mm (7.68 in.)	Stainless Steel Type 316	1/each	8 mm (5/16 in.)	14 mm (0.55 in.)			
207068	Turnbuckle Eye/ Eye			240 mm (9.45 in.)	Stainless Steel Type 316	1/each	10 mm (3/8 in.)	16 mm (0.63 in.)			
207069	Turnbuckle Eye/ Eye			310 mm (12.2 in.)	Stainless Steel Type 316	1/each	12 mm (7/16 in.)	18 mm (0.71 in.)			
207070	Pad-Eye				Stainless Steel Type 316	1/each		16 mm (0.63 in.)			

SolaMesh® is a registered trademark of Glen Raven, Inc.



240075



240015



240020



240008



240045



240057

Polyfab™ Pro Shade Sail Hardware

This premium line of hardware is ideal for use in tension shade structures such as hip and ridge and tension membrane shade sails. Use in conjunction with HDPE knitted shadecloth or equivalent fabrics. Polyfab Pro hardware is backed by a 5-year warranty.

Note: The finished structure should be properly engineered by a professional engineer and installed by a qualified contractor in accordance with local building codes. It is the responsibility of the fabricator to determine the proper hardware for a particular installation. It is recommended that an anti-seize product such as Ultra Tef-Gel Marine Lubricant (Item #214324) be used on turnbuckle threads to minimize binding.

Please refer to www.trivantage.com for proper care and cleaning of all Polyfab Pro hardware.

Warranty	5-Year
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Item #	Style #	Description	Material	Put Up	Size	Standard Package	Threaded For Size
240075	HS-345CR	Croc Heavy Duty Hand Swage Tool for 3, 3.2, 4, 5mm Wire		1/each		1	
240013	SS-SD-08	Polyfab Dee Shackle	AISI 316 Stainless Steel	1/each	8 mm	1	M8
240014	SS-SD-10	Polyfab Dee Shackle	AISI 316 Stainless Steel	1/each	10 mm	1	M10
240016	SS-SLD-10	Polyfab Long Dee Shackle	AISI 316 Stainless Steel	1/each	10 mm	150	M10
240015	SS-SLD-08	Polyfab Long Dee Shackle	AISI 316 Stainless Steel	1/each	8 mm	150	M8
240020	SS-SLT-08	Polyfab Long Twisted Shackle	AISI 316 Stainless Steel	1/each	8 mm	280	M8
240021	SS-SLT-10	Polyfab Long Twisted Shackle	AISI 316 Stainless Steel	1/each	10 mm	150	M10
240008	SS-TBST-12	Polyfab Pro Closed-Body Turnbuckle with Swivel Toggle Ends	AISI 316 Stainless Steel	1/each	12mm (1/2 ")	50	M12
240045	SS-DRG-06	Polyfab Pro Dee Ring	AISI 316 Stainless Steel	1/each	6 x 50 mm	500	
240046	SS-DRG-08	Polyfab Pro Dee Ring	AISI 316 Stainless Steel	1/each	8 x 50 mm	300	
240057	SS-DRTH-1065	Polyfab Pro Dee Ring Thimble	AISI 316 Stainless Steel	1/each	10 x 65 mm	70	



240056



240090



240094



240082



240113



240032



240030



240104



240101

Item #	Style #	Description	Material	Put Up	Size	Standard Package	Threaded For Size
240055	SS-DRTH-650	Polyfab Pro Dee Ring Thimble	AISI 316 Stainless Steel	1/each	6 x 50 mm	300	
240056	SS-DRTH-850	Polyfab Pro Dee Ring Thimble	AISI 316 Stainless Steel	1/each	8 x 50 mm	230	
240091	ZN-WPD-150	Polyfab Pro Diagonal Eye Wall Plate	Zinc Plated Steel	1/each	150 mm	1	
240090	ZN-WPD-100	Polyfab Pro Diagonal Eye Wall Plate	Zinc Plated Steel	1/each	100 mm	20	
240095	SS-PED-90	Polyfab Pro Diamond Pad Eye	AISI 316 Stainless Steel	1/each	80 mm	50	
240096	SS-PED-100	Polyfab Pro Diamond Pad Eye	AISI 316 Stainless Steel	1/each	100 mm	30	
240094	SS-WPD-180	Polyfab Pro Diamond Wall Plate with 100mm Shackle Eye	AISI 316 Stainless Steel	1/each	180 x 110 mm	1	
240052	SS-DRHD-10	Polyfab Pro Easy-Hold Dee Ring	AISI 316 Stainless Steel		10 x 55 mm	1	
240051	SS-DRHD-08	Polyfab Pro Easy-Hold Dee Ring	AISI 316 Stainless Steel	1/each	8 x 50 mm	300	
240050	SS-DRHD-05	Polyfab Pro Easy-Hold Dee Ring	AISI 316 Stainless Steel	1/each	5 x 50 mm	1	
240082	ZN-CBEX-100120	Polyfab Pro External Corner Bracket	Zinc Plated Steel	1/each	100 x 120 mm	10	
240080	ZN-CBEX-100	Polyfab Pro External Corner Bracket	Zinc Plated Steel	1/each	100 mm	10	
240083	ZN-CBEX-250	Polyfab Pro External Corner Bracket	Zinc Plated Steel	1/each	250 mm	10	
240113	ZN-CBEX-150	Polyfab Pro External Corner Bracket	Zinc Plated Steel	1/each	150 mm	1	
240053	SS-EYBC-12	Polyfab Pro Eye Bolt with Collar	AISI 316 Stainless Steel	1/each	12 mm	1	M12
240049	SS-EYBC-10	Polyfab Pro Eye Bolt with Collar	AISI 316 Stainless Steel	1/each	10 mm	1	M10
240048	SS-EYBC-08	Polyfab Pro Eye Bolt with Collar	AISI 316 Stainless Steel	1/each	8 mm	1	M8
240032	SS-EYB-10120	Polyfab Pro Eye Bolt, Nut, 2 Washers	AISI 316 Stainless Steel	1/each	10 x 120 mm	50	M10
240047	SS-EYN-10	Polyfab Pro Eye Nut	AISI 316 Stainless Steel	1/each	10 mm	1	M10
240044	SS-EYN-08	Polyfab Pro Eye Nut	AISI 316 Stainless Steel	1/each	8 mm	1	M8
240030	SS-EYN-12	Polyfab Pro Eye Nut	AISI 316 Stainless Steel	1/each	12 mm	50	M12
240036	SS-EYNB-10100	Polyfab Pro Eye Nut Bolt, Nut, Washer	AISI 316 Stainless Steel	1/each	10 x 100 mm	50	M10
240037	SS-EYNB-10600	Polyfab Pro Eye Nut Bolt, Nut, Washer	AISI 316 Stainless Steel	1/each	10 x 160 mm	50	M10
240064	SS-EYNB-12150	Polyfab Pro Eye Nut Bolt, Nut, Washer	AISI 316 Stainless Steel	1/each	12 x 150mm	1	M12
240054	SS-EYNB-12120	Polyfab Pro Eye Nut Bolt, Nut, Washer	AISI 316 Stainless Steel	1/each	12 x 120mm	1	M12
240038	SS-EYNB-12200	Polyfab Pro Eye Nut Bolt, Nut, Washer	AISI 316 Stainless Steel	1/each	12 x 200 mm	40	M12
240104	ZN-FB2W	Polyfab Pro Fascia Bracket Two Way	Zinc Plated Steel	1/each		10	
240101	ZN-FBLH	Polyfab Pro Fascia Bracket for 20 Degree Rafter Angle Left	Zinc Plated Steel	1/each		10	



240100



240069



2400114



240111



240067



240097



240012



240072

Item #	Style #	Description	Material	Put Up	Size	Standard Package	Threaded For Size
240102	ZN-FBRH	Polyfab Pro Fascia Bracket for 20 Degree Rafter Angle Right	Zinc Plated Steel	1/each		10	
240103	ZN-FB90	Polyfab Pro Fascia Bracket for Flat Roof	Zinc Plated Steel	1/each		10	
240100	ZN-FBTH	Polyfab Pro Fascia Bracket with 12mm Threaded Rod	Zinc Plated Steel	1/each		10	
240069	SS-HN-10	Polyfab Pro Hex Nut	AISI 316 Stainless Steel	1/each	10 mm	1	M10
240042	SS-HN-08	Polyfab Pro Hex Nut	AISI 316 Stainless Steel	1/each	8 mm	1	M8
240084	ZN-CBIN-250	Polyfab Pro Internal Corner Bracket	Zinc Plated Steel	1/each	250 mm	10	
240114	ZN-CBIN-150	Polyfab Pro Internal Corner Bracket	Zinc Plated Steel	1/each	150 mm	1	
240115	ZN-CBIN-100120	Polyfab Pro Internal Corner Bracket	Zinc Plated Steel	1/each	100 x 120 mm	1	
240081	ZN-CBIN-100	Polyfab Pro Internal Corner Bracket	Zinc Plated Steel	1/each	100 mm	10	
240035	SS-LNN-12	Polyfab Pro Nylon Lock Nut	AISI 316 Stainless Steel	1/each	12 mm	40	M12
240033	SS-LNN-08	Polyfab Pro Nylon Lock Nut	AISI 316 Stainless Steel	1/each	8 mm	80	M8
240034	SS-LNN-10	Polyfab Pro Nylon Lock Nut	AISI 316 Stainless Steel	1/each	10 mm	50	M10
240111	SS-WRC-05	Polyfab Pro Rope Clamp	AISI 316 Stainless Steel	1/each	5 mm	1	
240073	SS-WRC-10	Polyfab Pro Rope Clamp	AISI 316 Stainless Steel	1/each	10 mm	1	
240067	SS-WRC-08	Polyfab Pro Rope Clamp	AISI 316 Stainless Steel	1/each	8 mm	300	
240065	SS-WRC-04	Polyfab Pro Rope Clamp	AISI 316 Stainless Steel	1/each	4 mm	1200	
240074	SS-WRC-03	Polyfab Pro Rope Clamp	AISI 316 Stainless Steel	1/each	3.2 mm	1	
240066	SS-WRC-06	Polyfab Pro Rope Clamp	AISI 316 Stainless Steel	1/each	6 mm	600	
240058	SS-RTH-1150	Polyfab Pro Round Thimble	AISI 316 Stainless Steel	1/each	11 x 50 mm	1	
240097	SS-SC-15	Polyfab Pro Safety Cable	AISI 316 Stainless Steel	1/each		1	
240010	SS-SBF-08	Polyfab Pro Shackle Bow	AISI 316 Stainless Steel	1/each	8 mm	450	M8
240011	SS-SBF-10	Polyfab Pro Shackle Bow	AISI 316 Stainless Steel	1/each	10 mm	200	M10
240012	SS-SBF-12	Polyfab Pro Shackle Bow	AISI 316 Stainless Steel	1/each	12 mm	120	M12
240106	SS-HKS-08	Polyfab Pro Spring Hook	AISI 316 Stainless Steel	1/each	8 mm	1	
240107	SS-HKS-10	Polyfab Pro Spring Hook	AISI 316 Stainless Steel	1/each	10 mm	1	
240072	NP-WRS-08	Polyfab Pro Swaging Sleeve	Nickel Plated Copper	1/each	8 mm	160	
240077	NP-WRS-03	Polyfab Pro Swaging Sleeve	Nickel Plated Copper	1/each	3.2 mm	1	
240071	NP-WRS-06	Polyfab Pro Swaging Sleeve	Nickel Plated Copper	1/each	6 mm	180	



240112



240040



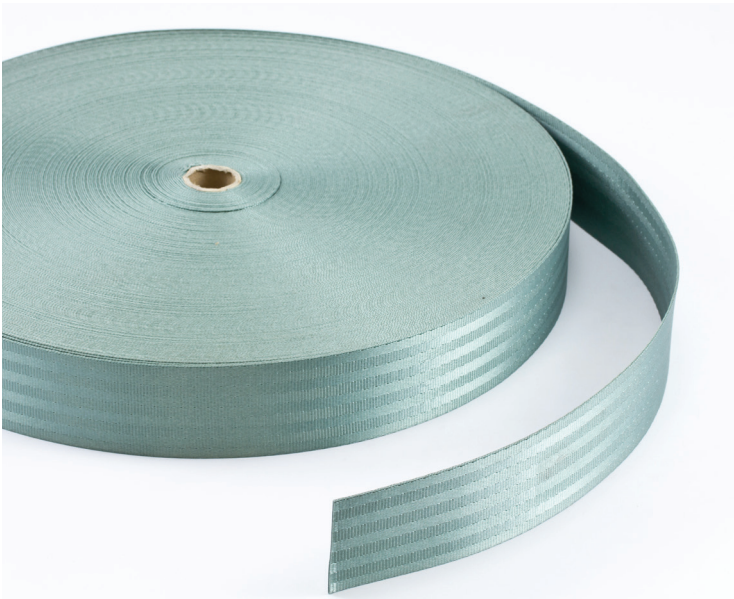
240109



240000

Item #	Style #	Description	Material	Put Up	Size	Standard Package	Threaded For Size
240112	NP-WRS-05	Polyfab Pro Swaging Sleeve for 5mm Wire	Nickel Plated Copper	1/each	5 mm	1	
240110	SS-WRT-05	Polyfab Pro Thimble	AISI 316 Stainless Steel	1/each	5 mm	1	
240061	SS-WRT-06	Polyfab Pro Thimble	AISI 316 Stainless Steel	1/each	6 mm	1000	
240062	SS-WRT-08	Polyfab Pro Thimble	AISI 316 Stainless Steel	1/each	8 mm	500	
240059	SS-WRT-03	Polyfab Pro Thimble	AISI 316 Stainless Steel	1/each	3.2 mm	1	
240063	SS-WRT-10	Polyfab Pro Thimble	AISI 316 Stainless Steel	1/each	10 mm	1	
240040	SS-TRI-06	Polyfab Pro Triangle	AISI 316 Stainless Steel	1/each	6 x 50 mm	500	M6
240041	SS-TRI-08	Polyfab Pro Triangle	AISI 316 Stainless Steel	1/each	8 x 50 mm	350	M8
240108	SS-QLT-06	Polyfab Pro Triangle Quick Link	AISI 316 Stainless Steel	1/each	6 mm	1	
240109	SS-QLT-10	Polyfab Pro Triangle Quick Link	AISI 316 Stainless Steel	1/each	10 mm	1	
240006	SS-TBEE-10	Polyfab Pro Turnbuckle Eye/Eye	AISI 316 Stainless Steel	1/each	10 mm	100	M10
240007	SS-TBEE-12	Polyfab Pro Turnbuckle Eye/Eye	AISI 316 Stainless Steel	1/each	12 mm	50	M12
240005	SS-TBEE-08	Polyfab Pro Turnbuckle Eye/Eye	AISI 316 Stainless Steel	1/each	8 mm	150	M8
240000	SS-TBJJ-08	Polyfab Pro Turnbuckle Jaw/Jaw	AISI 316 Stainless Steel	1/each	8 mm	130	M8
240002	SS-TBJJ-12	Polyfab Pro Turnbuckle Jaw/Jaw	AISI 316 Stainless Steel	1/each	12 mm	40	M12
240001	SS-TBJJ-10	Polyfab Pro Turnbuckle Jaw/Jaw	AISI 316 Stainless Steel	1/each	10 mm	80	M10

Polyfab™ is a trademark of Polyfab USA.



565111

Polyfab™ Shade Sail Edge Webbing

Polyfab Shade Sail Edge Webbing is used for shade structures and shade sails. Matches Polytex®, Comtex® and Architec 400® extra heavy duty knitted shade cloth.

Item #	Average Breaking Strength	Color	Color #	Put Up	Width
565135	4400 lbf.	Antec Orange	22	109 yd.	2 in.
565129	4400 lbf.	Beige	72	109 yd.	2 in.
565137	4400 lbf.	Berry	36	109 yd.	2 in.
565121	4400 lbf.	Black	99	109 yd.	2 in.
565103	4400 lbf.	Blue	50	109 yd.	2 in.
565109	4400 lbf.	Bronze	81	109 yd.	2 in.
565113	4400 lbf.	Charcoal	92	109 yd.	2 in.
565141	4400 lbf.	Fluro Green	67	109 yd.	2 in.
565142	4400 lbf.	Fluro Orange	27	109 yd.	2 in.
565118	4400 lbf.	Golden Yellow	11	109 yd.	2 in.
565101	4400 lbf.	Midnight Green	62	109 yd.	2 in.
565105	4400 lbf.	Navy Blue	51	109 yd.	2 in.
565115	4400 lbf.	Porcelain	71	109 yd.	2 in.
565139	4400 lbf.	Purple	58	109 yd.	2 in.
565127	4400 lbf.	Red	30	109 yd.	2 in.
565111	4400 lbf.	Sage	19	109 yd.	2 in.
565107	4400 lbf.	Sandstone	73	109 yd.	2 in.
565125	4400 lbf.	Silver Gray	91	109 yd.	2 in.
565119	4400 lbf.	Turquoise	10	109 yd.	2 in.
565133	4400 lbf.	White	01	109 yd.	2 in.

Polyfab™ is a trademark of Polyfab USA. Polytex®, Comtex® and Architec 400® are registered trademarks of Polyfab USA.



123004

Awning Hardware – Elbow

Threaded elbow made of plated, malleable iron.

Item #	Style #	For	Standard Package	Threaded For Pipe Size
123003	3	3/4 in. OD Tubing	25	1/2 in.
123004	4	1 in. OD Tubing	25	3/4 in.
123005	5	1-1/4 in. OD Tubing	25	1 in.
123008	8	1 in. and 3/4 in. OD Tubing	25	1/2 in. x 3/4 in.

123003 - Also available in aluminum.

123004 - Also available in aluminum.



293412

Awning Hardware – Elbow – Aluminum

These aluminum Slip-Fit elbows are furnished with socket head set screws for easy installation.

Slip-Fit fittings offer a time and labor-saving means to build awnings. No threading is needed as they merely slip on or over the pipe structure and are tightened with set screws. They allow fast modification when the piping is not cut to exact length.

Suggested uses: awning pipe frames.

Item #	Style #	For	# Of Set Screws	Standard Package
293410	3-S	3/8 in. pipe	2	25
282004	4-S	1/2 in. pipe	2	25
293412	5-SQ	3/4 in. x 3/4 in. pipe	4	25
293413	6-SQ	1 in. x 1 in. pipe	4	25

293410 - Stainless steel set screws.



123389

Awning Hardware – Slip-Fit Square Elbow – Malleable Iron

This Slip-Fit square elbow is made from plated, malleable iron and furnished with set screws. Its square design ensures a better fitting cover. Use to join front bars with end rafters.

Slip-Fit fittings provide a time and labor-saving method to install awnings. No threading is needed as they just slide on or over the pipe frame and are tightened with set screws. They allow rapid adjustment when the piping is not cut to precise size.

Suggested uses: joining right angles of any awning frame assembly.



225135



244540

Item #	Style #	Description	For	Front Bar Size	Rafter	Standard Package
123385	289	Includes stainless steel screws	1-1/4 in. OD Tubing	1 in. pipe	1 in. pipe	25
123386	285	Includes stainless steel screws	3/4 in. OD Tubing	1/2 in. pipe	1/2 in. pipe	25
123387	287	Includes stainless steel screws	1 in. OD Tubing	3/4 in. pipe	3/4 in. pipe	25
123389	289	Includes stainless steel screws	1-1/4 in. OD Tubing	1 in. pipe	1 in. pipe	25
225135	15-7	Includes screws	1-1/2 in. OD Tubing	1-1/4 in. pipe	1-1/4 in. pipe	25
244540	20-6	Includes screws	1-1/4 in. OD Tubing	1 in. pipe	1 in. pipe	25

225135 - Hot dip galvanized – smooth design, with socket head screw.



124702

Awning Hardware – Pin Or Nut End

Threaded Pin/Nut End made of plated, malleable iron. Includes a stainless steel nut. Use with side nut hinge or front cotter hinge

Item #	Style #	Standard Package	Threaded For Size
124702	2	25	1/2 in. pipe



281106

Awning Hardware – Eye End – Aluminum

Threaded.

Item #	Style #	For	Standard Package
281106	5A	3/4 in. pipe	25
293616	4A-4	1/2 in. pipe	25

293616 - Also available in malleable iron.



124002

Awning Hardware – Eye End – Malleable Iron

Threaded Eye End made from plated, malleable iron. Placed on the ends of arms and rafters for fastening onto hinges or jaws. Use with side nut hinge or front cotter hinge.

Item #	Style #	For	Standard Package	Threaded For Size	Type
124010	10	1 in. OD Tubing	25	3/4 in. pipe	Large eye
124007	7		25	1/4 in. pipe or 1/2 in. iron	Large eye
124009	9	3/4 in. OD Tubing	25	1/2 in. pipe	Large eye
124012	12	1-1/4 in. OD Tubing	25	1 in. pipe	Small eye
124002	2		25	1/4 in. pipe or 1/2 in. iron	Small eye
124003	3		25	3/8 in. pipe or 5/8 in. iron	Small eye
124004	4	3/4 in. OD Tubing	25	1/2 in. pipe	Small eye
124005	5	1 in. OD Tubing	25	3/4 in. pipe	Small eye

124002 - Also available in aluminum. 124003 - Also available in aluminum.



282191

Awning Hardware – Slip-Fit Eye End – Aluminum

These Slip-Fit eye ends are made from sturdy aluminum. They’re designed to carry the unique needs of custom awnings. Furnished with socket head set screws, they allow for quick installation.

Slip-Fit fittings offer a time and labor-saving way to install patio awnings. No threading is necessary as they simply slip on or over the pipe frame and are tightened with set screws. They permit rapid adjustment when the pipe is not cut to exact length.

Suggested uses: awning pipe frames.

Item #	Style #	For	Standard Package
282193	286A-304	1/2 in. pipe	25
282190	290A-305	3/4 in. pipe	25
282191	291A-315	1 in. pipe	25
282122	25	1/4 in. pipe	25

282122 - Also available in malleable iron.



124190

Awning Hardware – Slip-Fit Eye End – Malleable Iron

These specially designed Slip-Fit eye ends are made from plated, malleable iron. The fittings are properly proportioned for the greatest rigidity. The small eye permits a snug fit between the eye end, rod, and rafter holder. A 2-inch barrel depth assures greater holding power. The eye end is furnished with a stainless steel set screw.

Slip-Fit fittings offer a labor and time-saving way to build awnings. No threading is required as they simply slip on or over the pipe frame and are tightened with a set screw. They allow fast adjustment when the pipe is not cut to exact length.

Suggested uses: awning pipe frame assemblies, supporting pipe posts.

Item #	Style #	For	Maximum Bolt Standard	Size	Standard Package
124188	286	3/4 in. OD Tubing	1/4 in.	1/2 in. pipe	25
124190	290	1 in. OD Tubing	7/16 in.	3/4 in. pipe	25
124191	291	1-1/4 in. OD Tubing	7/16 in.	1 in. pipe	25
124192	292	1-1/2 in. OD Tubing	1/2 in.	1-1/4 in. pipe	25
124195	291	1-1/4 in. OD Tubing	7/16 in.	1 in. pipe	25

124190 - Also available in aluminum.

124191 - Also available in aluminum.

124195 - Also available in aluminum.



281680

Awning Hardware – Front Bar Clamp – Aluminum

Front bar clamps provide fast and complete slip fit of pipe rafter to front bar. Simply tighten the set screws which are furnished and the operation is complete.

Item #	Style #	For	Standard Package
281680	380-A	3/4 in. x 3/4 in. pipe	25
281681	381-A	1 in. x 1 in. pipe	25



130581

Awning Hardware – Slip-Fit Adjustable Front Bar

These Slip-Fit adjustable front bars include plated-steel clamps, a zinc die-cast collar, and stainless steel hardware. The interlocking three-piece fitting provides a rigid, low-cost assembly. Simply slip over the pipe and adjust to your desired position by tightening the set screw. With both hands free, you can quickly bolt the bottom section to the top section for a sturdy, reinforced assembly.

Slip-Fit hardware offer a time and labor-saving means to install awnings. No threading is needed as they just slide on or over the piping frame. They permit fast modification when the piping is not cut to exact size.

Suggested uses: awning pipe frames.

Item #	Style #	For	Front Bar Size	Reducing For Pipe Size	Standard Package
130580	280	1 in. OD Tubing	3/4 in. pipe	3/4 in. pipe	25
130581	281	1-1/4 in. OD Tubing	1 in. pipe	1 in. pipe	25
130582	282	1 in. and 1-1/4 in. OD Tubing	1 in. pipe	3/4 in. pipe	25



112501



112505

Awning Hardware – Head Rod Clamp – Zinc Die Cast

A fixture designed for attaching the head rod of an awning to various building surfaces, as well as providing hooks for hanging awning pulleys. Plated, zinc die-cast with stainless steel fasteners.

Item #	Style #	For	Size Head Rod	Standard Package
112504	4	Wood	1/2 in. diameter iron	25
112509	6	Wood	1/2 in. diameter iron	25
112501	1	Wood	3/8 in. diameter iron	25
112505	5	Wood	3/8 in. diameter iron	25

112509 - Stainless steel fasteners.



112504



112509



112630

Awning Hardware – Head Rod Clamp – Narrow Base Type – Zinc Die Cast

A fixture designed for attaching the head rod of an awning to various building surfaces, as well as providing hooks for hanging awning pulleys. One countersunk hole for wood screw provides quick and solid installation. Plated, zinc die-cast with stainless steel machine bolt and wing nut.

Item #	Style #	Size Head Rod	Standard Package
112630	30Z	1/2 in. diameter iron	25



112510

Awning Hardware – Head Rod Clamp – Roller Curtain Type – Malleable Iron

A fixture designed for attaching the head rod of an awning to various building surfaces, as well as providing hooks for hanging awning pulleys. Fastens on inside of porch so that pulleys and pull ropes are on inside of curtain. Can be attached to either face board or ceiling. Plated, malleable iron with stainless steel fasteners.

Item #	Style #	For	Size Head Rod	Standard Package
112510	10	Brick	3/8 in. or 1/2 in. diameter iron	25
112521	21	Wood	3/8 in. or 1/2 in. diameter iron	25



112521



281530

Awning Hardware – Head Rod Clamp – For Narrow Base Installation – Aluminum

One countersunk hole provided for wood screw. Extra strong aluminum bolts and non-ferrous zinc wing nuts.

Item #	Style #	For	Standard Package
281530	30A-40	1/2 in. rod	25



281510

Awning Hardware – Head Rod Clamp – For Brick Or Stone – Aluminum

Furnished with hole for 3/8 inch diameter lag. Includes machine screw and wing nuts.

Item #	Style #	For	Standard Package
281510	10A-4	1/2 in. rod	25



281501

Awning Hardware – Head Rod Clamp – For Wood – Aluminum

Furnished with two countersunk holes to accommodate No. 10 wood screws. Includes machine screw and wing nuts.

Item #	Style #	For	Standard Package
281501	03	3/8 in. rod	25
281505	5A-1	3/8 in. rod	25
281506	6A-2	1/2 in. rod	25



281505



140104

Awning Hardware – Rod And Rafter Holder No. 4

Rod and rafter holders are designed for attaching heads and rafters of patio or stationary awnings, eliminating the need for separate clamps for head rod or hinges for the rafters. Made of plated, malleable iron. Furnished with stainless steel machine bolt and wing nut to hold the head rod, machine screw and square nut, for fastening the rafter.

A combination fixture for application on brick, wood or concrete. It has two countersunk holes for wood screws. There is also a hole for a 5/16 inch or 3/8 inch lag screw. The No. 4 Rod and Rafter Holder is especially suitable for application and installation on narrow trim boards.

Item #	Style #	Size Head Rod	Standard Package
140104	4	1/2 in. diameter iron	25



284093

Awning Hardware – Bracket Hinge – Aluminum

This helpful hinge bracket is made from durable aluminum for ultimate strength. Used on wood, the mounting bracket features two countersunk holes for wood screws. The fitting is furnished with a machine screw. Also available in plated, die-cast zinc (#138615).

Item #	Style #	Projection	Standard Package
284093	OBA-3	1 in.	25



286212

Awning Hardware – Swivel Eye Pulley – Aluminum Die Cast

Aluminum die cast with stainless steel pin.

Item #	Style #	Rope Diameter	Sheave Diameter	Standard Package	Style Sheave
286204	1A	3/16 in.	1/2 in.	25	Single
286212	11A	3/16 in.	1/2 in.	25	Double



157500

Awning Hardware – Swivel Eye Pulley – Stamped

Stamped aluminum with an aluminum pin. Rustproof with smooth rounded top section housing to keep swivel eye from contact with rope. ABS plastic sheaves rotate freely on aluminum rivet.

Item #	Style #	Rope Diameter	Sheave Diameter	Standard Package	Style Sheave
157500	60	1/8 in.	1/2 in.	100	Single
157501	61	3/16 in.	5/8 in.	100	Single
157502	62	3/16 in.	27/32 in.	100	Single



113234

Awning Hardware – Slip-Fit Tie Down Clamp – Steel

This Slip-Fit tie down clamp is made from plated, stamped steel with a stainless-steel bolt and hex nut. Tie down clamps are designed to eliminate pocketing of rainwater on stationary or terrace awnings. Their use permits fixed awning covers to be drawn taut. Assembly can be made quickly on new or old awning frames. Also available in aluminum.



113235

Slip-Fit hardware supply a labor and time-saving means to build awnings. No threading is needed as they just slide on or over the piping frame. They allow rapid modification when the piping is not cut to precise size.

Suggested uses: awning pipe frames for fixed awnings.



266678

Awning Hardware – Pulley – Malleable Iron

Plated malleable iron.

Item #	Style #	Rope Diameter	Standard Package	Style Sheave
266678	5	3/8 in.	25	Single



284106

Awning Hardware – Rod And Rafter Holders – Dual Duty – Aluminum

Made to take 1/2 inch head rod. Designed to mount with either wood screws or lag bolt. Furnished with machine screws and wing nut.

Item #	Style #	For	Standard Package
284106	99A-99	1/2 in. rod	25



281700

Awning Hardware – Slip-Fit Tie Down Clamp – Aluminum

Slip-fit tie down clamps help prevent water pockets from forming behind the front bar. This aluminum clamp fastens to the front bar and holds a 3/8-inch pipe or 5/8-inch rod. It is furnished with a machine bolt and hex nut. Also available in steel.

Slip-Fit hardware provide a time and labor-saving method to mount awnings. No threading is needed as they simply slip on or over the pipe frame. They permit rapid modification when the piping is not cut to precise length.

Suggested uses: awning pipe frames.



284103

Awning Hardware – Rod And Rafter Holders – For Brick Or Wood – Aluminum

Rod and Rafter Holders furnished with machine screws and wing nut. Also available in iron.

Item #	Style #	For	Standard Package
284103	3A-89	1/2 in. rod	25

Item #	Style #	For	Standard Package
281700	77	3/4 in. pipe	25
281699	78	1 in. pipe	25



Awning Hardware – Slip-Fit Adjustable Post Socket – For Brick – Aluminum

This Slip-Fit adjustable post socket is furnished with a square head set screw for slip-fit installation. Made from stable aluminum, it is ideal for use on brick. Also available in malleable iron.

Slip-Fit fittings provide a time and labor-saving means to mount awnings. No threading is required as they simply slide on or over the piping structure and are tightened with a set screw. They permit quick modification when the piping is not cut to precise size.

Suggested uses: awning pipe frames.

Item #	Style #	Pipe	Standard Package
287803	3A-205L	3/4 in. Slip-Fit	25
287804	4A-206L	1 in. Slip-Fit	25



Awning Hardware – Slip-Fit Adjustable Post Socket – For Wood – Malleable Iron

This Slip-Fit adjustable post socket is furnished with four wood screw holes for attaching to wood. It is made from plated, malleable iron and comes with a stainless steel set screw.

Slip-Fit hardware supply a labor and time-saving way to build awnings. No threading is needed as they merely slip on or over the piping structure and are tightened with a set screw. They permit quick adjustment when the piping is not cut to specific length.

Suggested uses: awning pipe frames.

Item #	Style #	For	Size Post	Standard Package
163702	2	1-1/4 in. OD Tubing	1 in. pipe	25

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Awning Hardware – Slip-Fit Adjustable Post Socket – For Brick – Malleable Iron

This Slip-Fit adjustable post socket is furnished with two lag screw holes for attaching to brick. It is made from plated, malleable iron and comes with a stainless steel set screw. Also available in aluminum.

Slip-Fit fittings provide a labor and time-saving means to install awnings. No threading is required as they just slide on or over the pipe structure. They allow fast adjustment when the piping is not cut to exact length.

Suggested uses: awning pipe frames.

Item #	Style #	For	Size Post	Standard Package
163703	3	1 in. OD Tubing	3/4 in. pipe	25
163704	4	1-1/4 in. OD Tubing	1 in. pipe	25

Trivantage® is a registered trademark of Glen Raven, Inc.



Awning Hardware – Slip-Fit Coupling – Malleable Iron

This Slip-Fit coupling is made from galvanized, malleable iron and comes with set screws.

Slip-Fit hardware provide a labor and time-saving way to build awnings. No threading is required as they just slide on or over the piping frame and are tightened with set screws. They allow fast modification when the piping is not cut to precise size.

Suggested uses: awning pipe frames.

Item #	Style #	Finish	For	Front Bar Size	Material	Standard Package
215020	14-6	Galvanized	1-1/4 in. OD Tubing	1 in. pipe	Iron	25

Trivantage® is a registered trademark of Glen Raven, Inc.



Awning Hardware – Slip-Fit Tee – Malleable Iron

This Slip-Fit tee is made from plated, malleable iron. A special cast lip on the inside of the tee prevents the inserted pipe from interfering with the pipe crossing in the other direction. It is furnished with set screws.

Slip-Fit hardware provide a labor and time-saving way to install awnings. No threading is required as they simply slide on or over the pipe structure and are tightened with set screws. They allow quick adjustment when the pipe is not cut to exact length.

Suggested uses: joining upright posts to front bars, joining rafters to front bars, joining special types of frames (such as carports, carnival booths, etc.).

Item #	Style #	Description	Extension	For	Front Bar Size	Standard Package
174375	275	Includes stainless steel screws	1/2 in. pipe	3/4 in. OD Tubing	1/2 in. pipe	25
174377	277	Includes stainless steel screws	3/4 in. pipe	1 in. OD Tubing	3/4 in. pipe	25
174379	279	Includes stainless steel screws	1 in. pipe	1-1/4 in. OD Tubing	1 in. pipe	25
174380	279	Includes stainless steel screws	1 in. pipe	1-1/4 in. OD Tubing	1 in. pipe	25
274030	25-7	Includes screws	1-1/4 in. pipe	1-1/2 in. OD Tubing	1-1/4 in. pipe	25

274030 - Hot dip galvanized – does not have cast lip, with socket head screw.



Slip Tee

Plated, malleable Iron. The run is not threaded and can be slipped over the front bar. The extension outlet is tapped.

Item #	Style #	Description	Extension Bar Threaded	Front (Slip Fit)	Standard Package
173504	4	Without set screws	3/4 in. pipe	3/4 in. pipe	25
173604	4	With stainless steel set screws	3/4 in. pipe	3/4 in. pipe	25



Awning Hardware – Slip-Fit Rafter And Upright Tees

This Slip-Fit rafter features upright tees. It is designed for quick and efficient installation at the rafter and front bar. Connect No. 600 and No. 601 slip tees to create corners. Used with 1-inch Schedule 40 piping, they are adjustable to 90°. Use interchangeable No. 600's together for other areas. They are furnished with stainless-steel set screws.

Slip-Fit hardware offer a time and labor-saving method to mount awnings. No threading is necessary as they simply slide on or over the pipe frame and are tightened with set screws. They allow rapid adjustment when the pipe is not cut to exact size.

Suggested uses: awning pipe frames.

Item #	Style #	For	Standard Package
288144	600	1 in. x 1 in. pipe	25
288147	601	1 in. x 1 in. pipe	25



Awning Hardware – Spear Head

Made of ductile iron and available in plain or plated finish.

Item #	Style #	Description	Size	Standard Package	Threaded For Size
138002	2	Plain	9-1/2 in.	25	1/2 in. pipe
138102	2	Plated	9-1/2 in.	25	1/2 in. pipe



283902

Awning Hardware – Spear Head – Aluminum

Spear head with male threaded ends.

Item #	Style #	Length	Standard Package	Threaded For Pipe Size
283902	2A-103	8-1/2 in.	25	1/2 in. male thread



112833

Awning Hardware – Pipe Clamp – Wrought Steel

Designed for a carriage bolt to prevent bolt head from turning when nut is tightened. Plated. Includes stainless steel bolt unless stated otherwise.

Item #	Style #	Description	Bolt Size	For	Pipe	Standard Package
112833	43	Bolt excluded	5/16 in.	1 in. OD Tubing	3/4 in.	25
112834	44	Bolt excluded	5/16 in.	1-1/4 in. OD Tubing	1 in.	25
112842	42	Bolt included	5/16 in.	3/4 in. OD Tubing	1/2 in.	25
112843	43	Bolt included	5/16 in.	1 in. OD Tubing	3/4 in.	25
112844	44	Bolt included	5/16 in.	1-1/4 in. OD Tubing	1 in.	25
112848	43	Bolt included	3/8 in.	1 in. OD Tubing	3/4 in.	25
112849	44	Bolt included	3/8 in.	1-1/4 in. OD Tubing	1 in.	25



138615

Awning Hardware – Bracket Hinge

Plated, die-cast zinc. Furnished with stainless steel machine screw and hex nut. Also available in aluminum.

Item #	Style #	Projection	Standard Package
138615	O-B	1 in.	25



138737

Awning Hardware – Camelback Hinge – Zinc Die-Cast

Plated, zinc die-cast. Fastens the projection arms of awning frames to a building. Furnished with stainless steel machine screws.
No. 11 is identical in design to the No. 2, but has a round head shoulder screw with “pilot” for holding No. 1 Sheet Brass Grommets.

Item #	Style #	Projection	Standard Package
138737	11	11/16 in.	25
238020	2	11/16 in.	25

238020 - Also available in aluminum.



238020



263913

Awning Hardware – Round Head Machine Screw

Item #	Description	Finish	For	Material	Size	Standard Package
263913	Round Head Shoulder Screw	Plated	No. 11 and C.B. Hinge		12-24 x 7/8 in.	100
263923	Round Slotted Head Screw		No. 2 C.B. Hinge, No 34. S.S. Hinge	Stainless Steel	12-24 x 3/4 in.	100



263923



139180

Awning Hardware – Extra Projection Hinge

Made of plated, malleable iron and furnished with a stainless steel machine screw.

Item #	Style #	Projection	Standard Package
139180	15	1-1/2 in.	25



139064

Awning Hardware – Hinge – Stamped Steel

Plated. Furnished with machine screw.

Item #	Style #	Gauge	Standard Package
139064	34	14	25



124504

Awning Hardware – Jaw End With Lag Screw

Used to attach awning frame to a brick surface. Furnished with machine screw and hex nut. Projection is from shoulder of jaw to center of bolt hole in jaw.

Item #	Style #	Jaw Opening	Lag Screw Size	Material	Projection	Standard Package	Use Expansion Shield
124504	4	7/16 in.	3/8 in. x 2-1/2 in.	Aluminum Extrusion	1-1/2 in.	25	3/8 in. x 2 in.



136002

Gudgeon – Square Hole

For worm gears. For round shaft of center support.

Item #	For	Standard Package
136002	1-1/2 in. ID pipe	1



141001

Worm Gear Attachments – Combination Coupling And Hook

Specially designed plated, malleable iron hook to securely engage eye of winding shaft when operating awning with winding brace. Slips over 3/4 in. steel shaft. Furnished with round head machine screw. Specially designed plated, malleable iron hook to securely engage eye of winding shaft when operating awning with winding brace. Standard equipment on all Trivantage® gears. Slips over 3/4 in. steel shaft. Furnished with round head machine screw.

Item #	Style #	Standard Package
141001	1	25



147002

Worm Gear Attachments – Universal Or Knuckle Joint

Used for connecting worm gear drive shaft or for splicing two drive shafts. Made of plated, malleable iron sockets with steel, square knuckles.

Item #	Style #	For	Standard Package
147002	2	3/4 in. x 3/4 in. iron	25



126001

Worm Gear Attachments – Winding Shaft Eye

Reinforced, plated, malleable iron eye, easily attaches to winding shaft with M6 (metric) bolt.

Item #	Style #	For	Standard Package
126001	1	1/2 in. iron	25
126002	2	5/8 in. iron	25
126003	3	3/8 in. pipe	25



158342

Pulley – Stamped Steel – Swivel Eye

ABS Plastic Single Sheave. Full-bearing, with heavy wire, open end swivel eyes that function smoothly. Sheaves prevent rope from being cut or frayed. Plated.

Item #	Style #	Put Up	Rope Diameter	Sheave Diameter	Standard Package	Style Sheave
158340	50		1/8 in.	1/2 in.	25	Single
158341	100		3/16 in.	5/8 in.	25	Single
158342	300	1	1/4 in.	1 in.	25	Single

158340 - Also available in aluminum.

158341 - Also available in aluminum.



256103



256102

Pulley – Swivel Eye

Made with high grade cast iron swivel eyes and bodies, steel rivets and steel sheaves. Nickel-plated and lacquered for extra rust protection.

Item #	Style #	Rope Diameter	Sheave Diameter	Standard Package	Style Sheave
256103	1	3/16 in.	3/4 in.	25	Single
256104	2	3/16 in.	3/4 in.	25	Double
256105	3	1/4 in.	1 in.	25	Single
256106	3/0	1/8 in.	1/2 in.	25	Single
256107	4/0	1/8 in.	1/2 in.	25	Double
256101	5	3/8 in.	1-1/4 in.	25	Single
256102	6	3/8 in.	1-1/2 in.	25	Double

256103 - Also available in aluminum.

256104 - Also available in aluminum.

256105 - Also available in aluminum.



274819

Tip – Rubber

Eliminates damage or wear on fabric end curtains of patio awning where a Tie-Down Bar is used. Slips over ends of pipe used on roller curtains, to prevent end of pipe from chafing side of house. Can also be used on mooring poles to prevent marring boat floor.

Item #	Style #	Description	Color	For	Standard Package
476095	18	Tip with Stud	White	3/4 in. tubing	1
274817	17	Tip	Black	5/8 in. tubing, 3/8 in. pipe	10
274819	19	Tip	Black	7/8 in. tubing, 1/2 in. pipe	10
274815	18	Tip	White	3/4 in. tubing	10
274816	17	Tip	White	5/8 in. tubing, 3/8 in. pipe	10
274818	19	Tip	White	7/8 in. tubing, 1/2 in. pipe	10



206861

Track – Steel Curtain Track System – 16 Gauge – Ceiling Support Brackets

This 16 gauge galvanized steel system includes a range of products that suspend and anchor the curtain system, as well as a variety of trolleys that allow the curtains to roll.

Track can be attached to the ceiling support hardware either before or after it is secured to the ceiling. There are no screws or nuts to hold the track in place protruding above the mounting plates. This eliminates the need for spacers or clearance holes in the ceiling. Ceiling support mounting plates (except the 16TBC, item# 206861) have bosses to lock the track in the ceiling support mounting hardware.

Item #	Style #	Description	Gauge	Standard Package
206861	16TBC	Ceiling Bracket	16	10
206865	16TSC	Ceiling Bracket	16	10



206854

Track – Steel Curtain Track System – 16 Gauge – Curved Track

The standard curved track has end connectors for securing to adjacent sections of the roller track. The standard curve has a two-foot 90-degree radius.

Item #	Style #	Description	Gauge	Material	Standard Package
206854	16CT	Curved Track – 90 degree 2 ft. radius	16	Galvanized Steel	25



206856

Track – Steel Curtain Track System – 16 Gauge – End Stops

End stops are used to prevent trolleys from rolling out of the ends of the track system.

Item #	Style #	Gauge	Standard Package
206856	ES	16	50



206834

Track – Steel Curtain Track System – 16 Gauge – Industrial Curtain Trolley

This 16-gauge galvanized steel system includes a range of products that suspend and anchor the curtain system. A variety of trolleys enable the curtains to roll smoothly.

The track can be attached to the ceiling support hardware either before or after it is secured to the ceiling. No screws or nuts are needed to hold the track in place above the mounting plates. This eliminates the need for spacers or clearance holes in the ceiling. Ceiling support mounting plates (except item# 206861) have bosses to lock the track into the hardware.

Create partitions and privacy with Trivantage® curtain trolley systems.



206868



206869



206867



206839



206866

Item #	Style #	Description	Bolt Size	Diameter Hole	Standard Package
206834	B3491-10	Overlapping Trolley with Steel Wheels and Pull Rope – 10 ft.			1
206868	16NR1B	Trolley with Bumper, 2 Nylon Wheels, 1" Hook			1
206869	16SR1B	Trolley with Bumper, 2 Steel Wheels, 1" Hook			1
206867	16STS-4	Trolley with Bumper, 4 Steel Wheels, 1 in. Bolt 3/8-16 Thread	1 in. 3/8-16 Thread		10
206878	16STS-4	Trolley with Bumper, 4 Steel Wheels, 4 in. Bolt 3/8-16 Thread	4 in. 3/8-16 Thread		10
206839	B3427-10	Trolley with Pull Rope – 10 ft.			1
206866	16NR1	Trolley, 2 Nylon Wheels, 1" Hook			5

Item #	Style #	Description	Bolt Size	Diameter Hole	Standard Package
206835	16NR-1/2	Trolley, 2 Nylon Wheels, 1/2 " Hook			1
206844	16SR1	Trolley, 2 Steel Wheels, 1 " Hook			1
206877	16SR	Trolley, 2 Steel Wheels, 1-1/2 " Height Plate		0.38	1
207880	16SR2-1/2(1/4)	Trolley, 2 Steel Wheels, 2-1/2 " Hook, 1/4 " Rivet			1
206845	16OT	Trolley, 4 Steel Overlapping Wheels, 2 1 " Hooks			1
206870	16ST1	Trolley, 4 Steel Wheels, 1 " Hook			1
206881	16ST	Trolley, 4 Steel Wheels, 2-3/4 " Wide Plate, 1-1/2 " Height Plate		0.38	1

Trivantage® is a registered trademark of Glen Raven, Inc.



206852

Track – Steel Curtain Track System – 16 Gauge – Roller Track

The roller track is roll formed from 16 gauge hot dipped galvanized steel. The trolley wheels roll on the track floor between the outside track wall and the inside safety flange. The ends of the track are punched so that the track splices can lock two adjoining track ends together.

Item #	Style #	Gauge	Length	Material	Standard Package
206851	16RT-120	16	10 ft.	Galvanized Steel	250
206852	16RT-240	16	20 ft.	Galvanized Steel	200



207881

Track – Steel Curtain Track System – 16 Gauge – Track Splice

Item #	Style #	Description	Gauge	Material	Standard Package
207881	16TSEC	Edge Clamp	16	Galvanized Steel	1
206863	16TSWMD	Splice Wall Mount Down – 4 in.	16	Galvanized Steel	10
206850	16TSWМУSS	Splice Wall Mount Up – 4 in.		Stainless Steel Type 304	10
206864	16TSWMU	Splice Wall Mount Up – 4 in.	16	Galvanized Steel	10
206840	16TSTR	Splice with Angle Bracket	16	Galvanized Steel	1
206855	16TS	Splice – 4 in. with 2 Set Screws	16	Galvanized Steel	10



206863

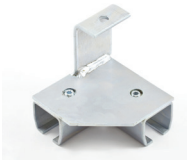
Track – Steel Curtain Track System – 16 Gauge – Wall Mount And End Mount Brackets

Wall mount and end mount brackets are used when the track system is running adjacent to a wall.

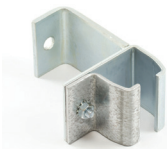
Item #	Style #	Description	Gauge	Standard Package
206859	16EMD	End Mount Down	16	10
206860	16EMU	End Mount Up	16	10
206833	16TBATR	Right Angle Threaded Rod Bracket	16	1
206841	16TBTR	Threaded Rod Bracket	16	1
206862	16TBV	Vertical Bracket	16	10



206859



206833



206841



206862

Item #	Style #	Description	Gauge	Standard Package
206857	16TBWMD	Wall Mount Down	16	10
206858	16TBWMU	Wall Mount Up	16	10



260981

Porcelain Rings

Porcelain Rings are manufactured with a strong and smooth finish for longer rope life.

Item #	Style #	Approximate Inside Diameter	Approximate Outside Diameter	Color	Size	Standard Package
260981	1	3/4 in.	1-5/8 in.	Gray	Small	25
260982	2	1 in.	2 in.	Gray	Medium	25



117201

Ring Clips

Item #	Style #	Finish	Standard Package	Thickness	Type	Width
117203	1	Plated Steel	25	0.049 in.	Heavy	15/64 in.
117201	2	Plated Steel	25	0.035 in.	Standard	5/32 in.
117205	3	Stainless Steel	25	0.035 in.		5/32 in.



212610

Chain – Double Loop Steel

This galvanized steel chain is ideal for application in awning curtain pockets as a “weight” to prevent curtain from flapping in the wind. Also, practical for supporting “hanging canopies” and “stationary awnings”, or as a chain lift on slide rod awnings, etc. Flexible and strongly made, heavy and of rigid galvanized steel wire.

Item #	Style #	Standard Package
212610	1/0	100 ft.



214201

Cleat – Awning

These rope cleats offer strong and durable design for outdoor use.

Item #	Style #	For	Length	Material	# of Holes	Standard Package
214201	1	No. 8 wood screw	4-1/2 in.	Zinc Die-Cast	2	25
266676	2	No. 10 wood screw	6 in.	Zinc Die-Cast	2	100
281702	2A-2	3/4 in. pipe	6 in.	Aluminum	2	25



249614

Curtain Loop – Shower/Bath

Nickel plated steel.

Item #	Style #	Size	Standard Package
249614	30570	1 in.	25



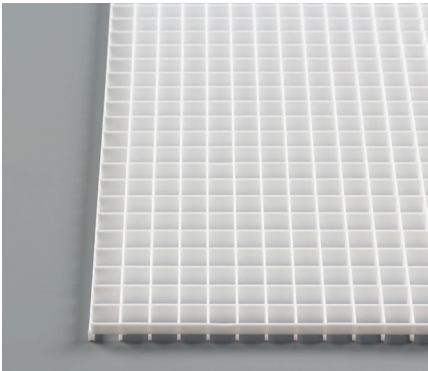
294650

Hook – Roller

Simple, sturdy, friction-free hooks for hanging and transporting the heaviest of industrial curtain materials on 3/4-inch or 1-inch pipe. Curtains can be run as long as necessary. Turn corners or form a complete enclosure. These hooks are weatherproof for indoor or outdoor use.

Support brackets can be easily formed from a 1/2-inch diameter rod and should be inserted into hold drilled in the bottom of the pipe for track support.

Item #	Style #	Size	Size Opening	Standard Package
294650	101	2 in. x 3-5/8 in. Hook	3/4 in. or 1 in. pipe	25



Eggcrate louvers have a perimeter which allows continuous appearance mounting by overlapping factory edges.

Fluorescent Eggcrate Louvers

Eggcrate louvers have a perimeter which allows continuous appearance mounting by overlapping factory edges. UV resistant.

Sold by full case only. Cannot ship UPS.

Item #	Style #	Cell Size	Color	Material	Standard Package
249700	10	1/2 in. x 1/2 in. x 1/2 in.	White	Acrylic	1
249705	14	1/2 in. x 1/2 in. x 3/8 in.	White	Acrylic	1
249710	20	1/2 in. x 1/2 in. x 1/2 in.	White	Styrene	1
249720	24	1/2 in. x 1/2 in. x 3/8 in.	White	Styrene	1



107610

Bracket – Z

Awning frames can easily be mounted with these brackets. Made from 3/16 inch hot rolled steel, they are supplied plated, or plain (for applications requiring painting). Two holes spaced equally for lagging into mortar are provided to secure bracket to wall. There is also a 3/16 inch hole to accommodate a Teks® screw for fastening the frame. Will accommodate a 3/8 inch lag screw.



107602



107604

Item #	Style #	Finish	Length	Round Tube Size	Square Tube Size	Standard Package	Type	Width
107610	#0	Plated	2-1/8 in.	1.050 in.	1 in.	25	Mini	
107602	#2	Plated	4-3/4 in.	1.050 in.	1 in.	25	Medium	
107611		Zinc Plated			1 in.	25	Large	
107604		Zinc Plated			1 in.	25	Small	
107613		Zinc Plated			1 in.	25	Large	
107612		Zinc Plated			1 in.	25	Large	
206805	CF86	Zinc Plated	2-1/16 in.	1.029 in.	1 in.	25		1-1/2 in.

Teks® is a registered trademark of Illinois Tool Works, Inc.



107630

Bracket – L

Made from 3/16 inch hot rolled steel. Two holes spaced equally for lagging into mortar are provided to secure bracket to wall. There is also a 3/16 inch hole to accommodate a Teks® screw for fastening the frame. Will accommodate a 3/8 inch lag screw.

Item #	Style #	Finish	Length	Square Tube Size	Standard Package	Type
107630	#10	Plated	1-9/32 in.	1 in. or 3/4 in.	25	Large

Teks® is a registered trademark of Illinois Tool Works, Inc.



Electro-Galvanized Headrod

Head Rod – Electro-Galvanized

In the bending process of making awning frames, this awning iron will not break when bent to right angles. The zinc plating will not chip or flake off during bending. Drawn to full sizes, the iron threads easily and exactly for perfect fitting with pipe-threaded frame fixtures. Also used for lacing and tie down bars, and in conjunction with head rod molding.

Item #	Diameter	Length	# of Pieces Per Bundle	Standard Package	Weight Per Bundle	Weight Per Foot
244516	3/8 in.	20 ft.	17	17	128 lbs.	0.38 lbs.
244518	1/2 in.	20 ft.	12	12.03	160 lbs.	0.67 lbs.
244520	5/8 in.	20 ft.	5	5	105 lbs.	1.04 lbs.

Head Rod – Fiberglass

Item #	Color	# of Pieces Per Bundle	Size	Standard Package
244616	White	5	3/8 in. x 20 ft.	100 ft. bundle
244625	White	15	1/2 in. x 20 ft.	300 ft. bundle



No. 555 180° open molding



No. 555 90° open molding



No. 777 molding

Molding – Aluminum Awning

A fast and easy way to install covers. Mill finish, all-aluminum molding that remains in place all year. 6063-T6 aluminum. Cover slides into place easily. 1/4 inch rope is sewn into hem at top of cover. Then, the rope-filled hem slips into the channel of the molding. Allows for easy installation and removal. PE Tubing, Vinyl Welt, or 8.5 m Keder Welt can also be used.

Product is also commonly known as “trailer” molding.

No. 555 Moldings are lighter in weight than No. 777, and are flexible enough to form and bend to varying shapes. Recessed mounting face conforms readily to uneven surfaces.

Item #	Style #	Degree of Channel	Flange Size	Length	Overall Height	Rope Size	Standard Package	Thickness	Weight Per Carton	Weight Per Foot
251063	555	180°	0.600 in.	18 ft.	1-1/8 in.	1/4 in. in hem	1	3/64 in.	27 lbs.	0.123 lbs.
251062	555	180°	0.600 in.	8 ft.	1-1/8 in.	1/4 in. in hem	1	3/64 in.	9 lbs.	0.123 lbs.
251067	777	45°	~0.500 in.	18 ft.	1-1/4 in.	1/4 in. in hem	162 ft.	3/64 in.	35 lbs.	0.160 lbs.
251066	777	45°	~0.500 in.	8 ft.	1-1/4 in.	1/4 in. in hem	96 ft.	3/64 in.	12 lbs.	0.160 lbs.
251068	555	90°	0.64 in.	20 ft.	1-1/8 in.	1/4 in. in hem	1	3/64 in.	78 lbs.	0.112 lbs.
251064	555	90°	0.600 in.	8 ft.	1-1/8 in.	1/4 in. in hem	1	3/64 in.	9 lbs.	0.124 lbs.

Molding – Aluminum Awning – Bright Dipped

Bright dipped anodized aluminum.

Item #	Style #	Description	Degree of Channel	Finish	Length	Standard Package	Weight Per Foot
251050	A15	Molding	135 degrees	Bright Dipped Anodized	16 ft.	400 ft.	0.12 lbs.



Welting – Vinyl

Use in place of rope headers on awnings that attach to motor homes, travel trailers, campers and other recreational vehicles. Can be used in conjunction with aluminum awning molding or with the extruded channel already provided by many of the RV manufacturers.

Item #	Style #	Color	Put Up	Size
578003	A02-002	White	300 ft.	31/32 in. with 5/16 in. bead
578004	A02-002	Black	300 ft.	31/32 in. with 5/16 in. bead
578098	6022	Black	100 ft.	31/32 in. with 5/16 in. bead

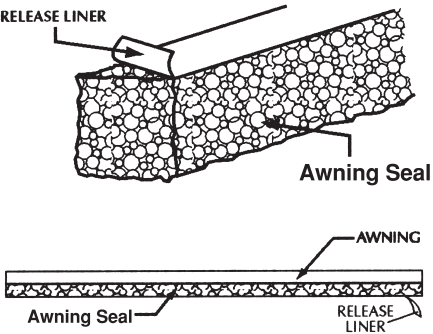


265757

Emseal UST Awning/Sign Sealant Tape

Why spend time caulking behind awning frames and suffer the frustration of messy jobs, dripped caulk and caulking in bad weather, when all you have to do is apply Awning Foam Sealant to the frame before it's hoisted on the wall?

Available in dimensions to fit most building surfaces, this self-expanding polyester polyurethane foam is filled with water-based stabilized acrylics and will not dry out, shrink or deteriorate when compressed and properly installed. Just peel off the release liner and apply the adhesive side to the back of the awning. This is a continuous seal that is easy to install at ground level, thus providing a safer and more efficient installation atmosphere.



Item #	Building Surface	Size	Standard Package
265757	Commercial Grade Corrugated Metal	5/16 in. x 3/4 in. x 13.12 ft.	1
265756	Split Block	1 1/32 in. x 3/4 in. x 13.12 ft.	1
265755	Stucco, Block, Brick	5/32 in. x 5/8 in. x 26.24 ft.	1



578054

Xtreme Seal® Awning Seal

Awning installations are a breeze with Xtreme Seal Awning Seal. Designed for the awning industry as a gasket material between the frame and the mounting surface, Xtreme Seal Awning Seal conforms to the contour of the mounting surface, eliminating the need for silicone and providing a clean finished product. Made of EPDM synthetic rubber, Xtreme Seal Awning Seal also features an adhesive back, saving time and making mounting easy. Sold in full rolls only.

Item #	Style #	Color	Put Up
578054	POD-AW	Black	250 ft.

Xtreme Seal® is a registered trademark of Xtreme Seal LLC.



578095

Tubing “PE” – Low-Density Polyethylene

Polyethylene tubing for use in the head of awnings, and for marine and tonneau covers when using aluminum awning rail. Will not rot, absorb water, shrink, or unravel.

Item #	Style #	Put Up	Size
578095	PEH8321000-6-SP	1000 ft.	1/4 in. OD x 1/8 in. ID

Molding – Head Rod Molding No. 35/37

For installations at the head of stationary or patio awnings and for installation and adjustment of the rafters of patio awnings. Extruded from 6063-T6 aluminum - mill finish.

Nos. 35 and 37 Head Rod Moldings are designed for use with a 1/2 inch diameter conventional head rod to eliminate the awkward job of threading a rope-filled hem through a slot in the molding. The head rod is merely placed in position and finger clips are tightened to hold the head of the awning under the rainproof lip of the molding. The finger clips ride in a track in the molding and can be adjusted to move laterally right or left.

The advantage of this system is that rafters can be placed precisely, even if the surface is uneven or the mounting supports are not located where the rafters should be, because once the molding is mounted, the rafters can be slid to their proper location.

Recommended rafter spacing is 1 1/2 feet in from each side, and then 3 feet to 4 feet centers depending on projection (the longer the rafters, the less the spacing). Awning rafters are attached to special jaw ends that are mounted in a track in the lower side of the molding. The jaw ends can be moved laterally to adjust the rafter width. This is done by turning or tightening the jaw end, which is fitted with a carriage bolt to ride in the same track as the finger clip.

The molding itself is designed so that a bead of caulking compound can be applied to the top length of the molding to prevent water from leaking behind the molding and down the wall.

The No. 35 Molding has the same basic design as the No. 37, but is 25% lighter in weight, with approximately 90% of the No. 37's strength. The No. 37 Finger Clip, No. 37W Jaw End and 1/2 inch Head Rod Clamp can be used with the No. 35 Molding without alteration.



117139

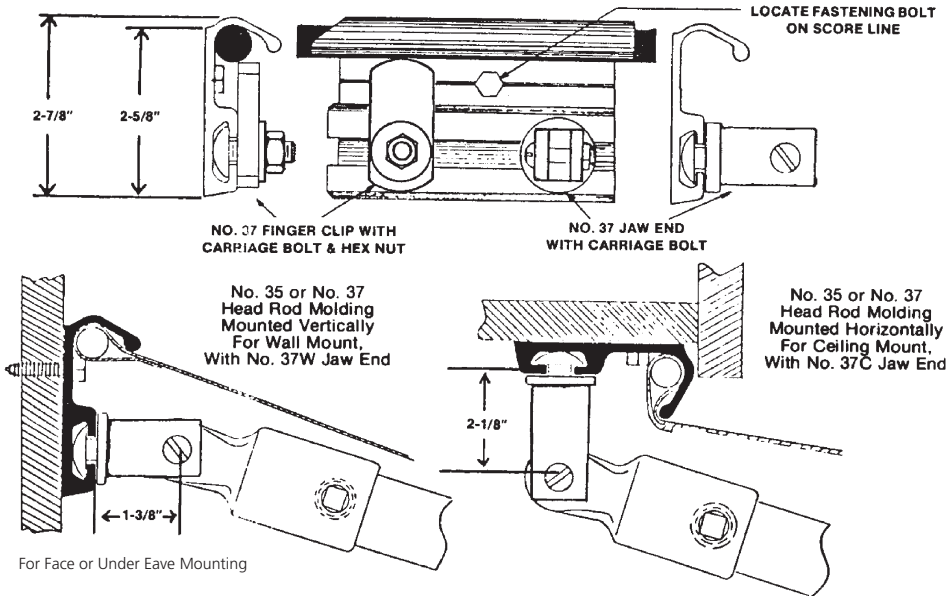


124538



124540

Item #	Style #	Description	Length	Standard Package	Weight
117139	37	Finger clip assembly. Stainless steel carriage bolt, machine screw, hex nut and washers.		25	
124538	37C	Jaw end with stainless steel carriage bolt, machine screw, hex nut and washers.		25	
124540	37W	Jaw end with stainless steel carriage bolt, machine screw, hex nut and washers.		25	
251043	35	Molding	20 ft.	160 ft.	
251044	35	Molding	8 ft.	72 ft.	48 lbs.
251033	35JB	Molding	20 ft.	400 ft.	
251040	37	Molding	20 ft.	160 ft.	





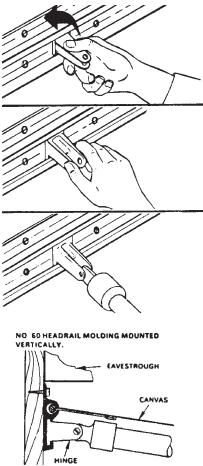
Molding – Dietz Head Rod Molding

Dietz Headrail is a lightweight, continuous head and rafter holder extruded from 6063-T6 mill finish aluminum designed to provide easy, leakproof installations that combine strength, attractiveness, and economy. The need for a headerboard is eliminated.

The trailer molding-type opening eliminates the need for iron and provides an easy method for sliding the fabric through the molding. Conventional 1/4 inch rope or tubing is recommended for sewing in the head.

Cast aluminum alloy hinges are inserted with a simple quarter turn. It is not necessary to insert hinges from the end, which allows for easy installation of extra rafters.

Two grooves to facilitate drilling are strategically placed to offset thrust of frame and shrinkage of canvas, as well as allow ample clearance for 3/8 inch lag bolts or keystone anchors for brick installations.



Item #	Style #	Description	Length	Standard Package
237250	60	Molding	12 ft.	72 ft.
238015	51	Hinge with stainless steel nut and 1/4 inch bolt.		25

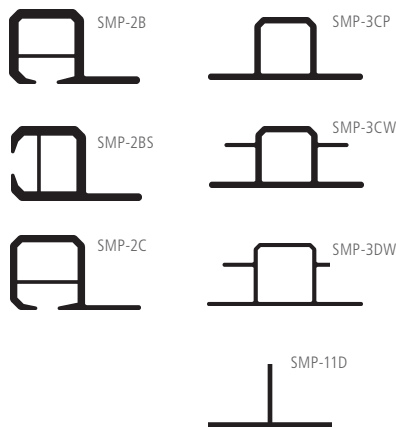


Tubing – Aluminum Square And Rectangular

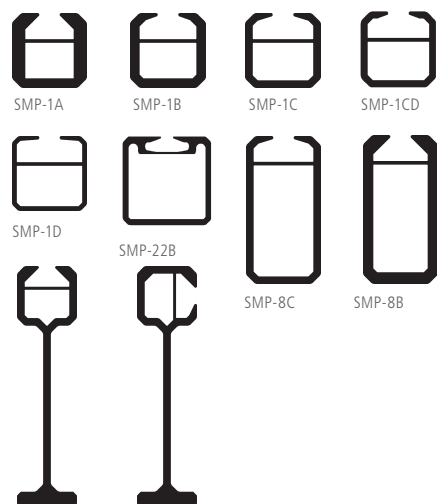
Square and rectangular 6063-T6 extruded mill finish aluminum tubing for awning framing and sign boxes. Both forms are lightweight, and corrosion resistant, offering the best combination of strength, bending and welding characteristics.

Item #	Length	Size	Standard Package
275924	24 ft.	1 in. x 1 in. x 0.125	360 ft.
275925	20 ft.	1 in. x 2 in. x 0.125	300 ft.
275923	20 ft.	1 in. x 1 in. x 0.125	300 ft.
275922	24 ft.	1 in. x 1 in. x 0.060	360 ft.
275921	20 ft.	1 in. x 1 in. x 0.060	300 ft.
275926	20 ft.	1 in. x 2 in. x 0.060	300 ft.
275900	20 ft.	1 in. x 1 in. x 0.060	80 ft.
275902	24 ft.	1 in. x 1 in. x 0.060	96 ft.

Ceiling Panel Support Members



Channeled Stapling Members



Steel Stitch™ Aluminum Extrusion

The Steel Stitch System offers flexibility in design and fabrication of interior and exterior awnings, canopies and back-lit signs. The aluminum alloy 6063-T5 mill finish frame system utilizes the “staple-in” method of attaching fabric, which is taken directly from the roll and stapled into a channel in the frame. A PVC finishing trim, in a choice of 30 colors plus Crystal Clear, is then driven into the channel to cover the staples. With the use of divider strips to join sections and the exclusive, patented FlashStrip®, which forms a watertight seal against building surfaces, the result is an attractive, seamless and wrinkle-free awning, canopy or sign.

Item #	Style #	Description	Feet Per Bundle	Length	Size	Standard Package
250086	SMP-7	Aluminum Rod	200 ft.	20 ft.	1/2 in. OD	200
250055	SMP-1CD	Tube	250 ft.	25 ft.	1 in. x 1 in. x 0.090 in.	250
250076	SMP-4C	Tube	200 ft.	20 ft.	1 in. x 1 in. x 1/10 in.	200
250054	SMP-1C	Tube	250 ft.	25 ft.	1 in. x 1 in. x 1/10 in.	250
250078	SMP-4C	Tube	250 ft.	25 ft.	1 in. x 1 in. x 1/10 in.	250
250074	SMP-4B	Tube	200 ft.	20 ft.	1 in. x 1 in. x 1/8 in.	200
250052	SMP-1B	Tube	250 ft.	25 ft.	1 in. x 1 in. x 1/8 in.	250
250064	SMP-2C	Tube	250 ft.	25 ft.	1 in. x 1-3/4 in. x 1/10 in.	250
250058	SMP-2B	Tube	250 ft.	25 ft.	1 in. x 1-3/4 in. x 1/8 in.	250
250062	SMP-2BS	Tube	250 ft.	25 ft.	1 in. x 1-3/4 in. x 1/8 in.	250
250091	SMP-8C	Tube	250 ft.	25 ft.	1 in. x 2 in. x 1/10 in.	250
250090	SMP-8B	Tube	250 ft.	25 ft.	1 in. x 2 in. x 1/8 in.	250
250070	SMP-3CW	Tube	200 ft.	20 ft.	1 in. x 2-1/2 in. x 1/10 in.	200
250068	SMP-3CP	Tube	200 ft.	20 ft.	1 in. x 2-1/2 in. x 1/10 in.	200
250097	SMP-15B	Tube	150 ft.	25 ft.	1-1/2 in. x 1-1/2 in. x 1/8 in.	150
250099	SMP-22B	Tube	150 ft.	25 ft.	2 in. x 2 in. x 1/8 in.	150
250082	SMP-5D	Tube	200 ft.	20 ft.	7/8 in. x 7/8 in. x 1/16 in.	200

Steel Stitch™ is a trademark of Steel Stitch Corporation. FlashStrip® is a registered trademark of Steel Stitch Corporation.



Steel Stitch™ ZipStrip®

Designed to cover the staples once the fabric has been stapled into position. Product is driven into the open channel using an air hammer.

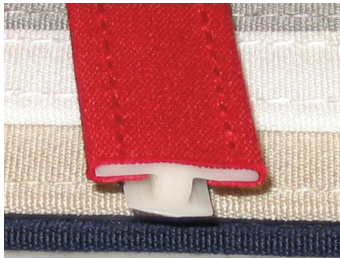
Item #	Color	Color #	Standard Package
249916	Aquamarine	16	400 ft.
249905	Beige	05	400 ft.
250305	Beige	05	150 ft.
250302	Black	02	150 ft.
249902	Black	02	400 ft.
250333	Bordeaux	33	150 ft.
249934	Bordeaux	33	400 ft.
249926	Bright Blue	26	400 ft.
249930	Bright Orange	30	400 ft.
249924	Bright Red	24	400 ft.
250324	Bright Red	24	150 ft.
249906	Brown	06	400 ft.
250306	Brown	06	150 ft.
250311	Burgundy	11	150 ft.
249911	Burgundy	11	400 ft.

Item #	Color	Color #	Standard Package
250304	Cream	04	150 ft.
249904	Cream	04	400 ft.
250331	Crystal Clear	31	150 ft.
249931	Crystal Clear	31	400 ft.
250313	Dark Blue	13	150 ft.
249913	Dark Blue	13	400 ft.
249918	Dark Green	18	400 ft.
250318	Dark Green	18	150 ft.
250323	Deep Red	23	150 ft.
249923	Deep Red	23	400 ft.
249929	Golden Yellow	29	400 ft.
250329	Golden Yellow	29	150 ft.
249917	Grass Green	17	400 ft.
250303	Grey	03	150 ft.
249903	Grey	03	400 ft.
249922	Linen	22	400 ft.
250322	Linen	22	150 ft.
249914	Medium Blue	14	400 ft.
250310	Plum	10	150 ft.
249920	Pumpkin	20	400 ft.
249912	Rouge Red	12	400 ft.
250312	Rouge Red	12	150 ft.
249925	Royal Blue	25	400 ft.
250325	Royal Blue	25	150 ft.
249927	Teal	27	400 ft.
250321	Terra Cotta	21	150 ft.
249921	Terracotta	21	400 ft.
249928	Turquoise	28	400 ft.
250332	Violet	32	150 ft.
249933	Violet	32	400 ft.
249901	White	01	400 ft.
250301	White	01	150 ft.
250319	Yellow	19	150 ft.
249919	Yellow	19	400 ft.

Steel Stitch™ is a trademark of Steel Stitch Corporation. ZipStrip® is a registered trademark of Steel Stitch Corporation.



249879



249873

Steel Stitch™ ZipStrip® – Sunbrella® Fabric

This fabric covered PVC staple channel trim creates a traditional finish on woven canvas awnings and canopies. Fabric covered ZipStrip is made with Sunbrella acrylic fabrics that completely conceal the PVC material. A durable lockstitch double seam holds the fabric securely in place for years of attractive performance. Custom colors and fabrics are available.

Item #	Color	Color #	Standard Package
249879	Beige	6020	160 ft.
249877	Black Cherry	6040	160 ft.
249878	Black	6008	160 ft.
249891	Burgundy	6031	160 ft.
249890	Cadet Grey	6030	160 ft.
249896	Captain Navy	6046	160 ft.
249894	Forest Green	6037	160 ft.
249873	Jockey Red	6003	160 ft.
249893	Linen	6033	160 ft.
249876	Navy	6026	160 ft.
249897	Oyster	6042	160 ft.
249871	Pacific Blue	6001	160 ft.
249875	Persian Green	6043	160 ft.
249884	Sapphire Blue	6041	160 ft.
249895	Seagrass Green	6045	160 ft.
249881	Terracotta	6022	160 ft.
249882	Toast	6028	160 ft.
249880	True Brown	6021	160 ft.

Steel Stitch™ is a trademark of Steel Stitch Corporation. ZipStrip® is a registered trademark of Steel Stitch Corporation. Sunbrella® is a registered trademark of Glen Raven, Inc.



249836

Steel Stitch™ ZipStrip® – Firesist® Fabric

This fabric covered PVC staple channel trim creates a traditional finish on woven canvas awnings and canopies. Fabric covered ZipStrip is made with Firesist fabrics that completely conceal the PVC material. A durable lockstitch double seam holds the fabric securely in place for years of attractive performance. Custom colors and fabrics are available.

Item #	Color	Color #	Standard Package
249837	Admiral Navy	82010	160 ft.
249836	Black	82008	160 ft.
249844	Burgundy	82016	160 ft.
249868	Cedar	82023	160 ft.
249845	Crimson	82017	160 ft.
249867	Flannel	82022	160 ft.
249869	Fog	82024	160 ft.
249833	Forest Green	82003	160 ft.
249866	Redwood		160 ft.
249831	Regatta	82000	160 ft.
249835	Sand	82006	160 ft.
249838	Toast Beige	82012	160 ft.

ZipStrip® is a registered trademark of Steel Stitch Corp. Firesist® is a registered trademark of Glen Raven, Inc. Tenara® is a registered trademark of W.L. Gore & Associates, Inc.



249811

Steel Stitch™ ZipStrip® – Sunbrella® Fabric with Tenara® Thread

This fabric covered PVC staple channel trim creates a traditional finish on woven canvas awnings and canopies. Fabric covered ZipStrip is made with Sunbrella acrylic fabrics that completely conceal the PVC material. A durable lockstitch double seam of Tenara thread holds the fabric securely in place for years of attractive performance. Custom colors and fabrics are available.

Item #	Color	Color #	Standard Package
249825	Beige	4620	160 ft.
249813	Black	4608	160 ft.
249824	Brown	4621	160 ft.
249816	Burgundy	4631	160 ft.
249819	Captain Navy	4646	160 ft.
249808	Charcoal Grey	4644	160 ft.
249818	Forest Green	4637	160 ft.
249811	Jockey Red	4603	160 ft.
249827	Medium Blue	4652	160 ft.
249810	Pacific Blue	4601	160 ft.
249823	Seagrass Green	4645	160 ft.
249809	Taupe	4648	160 ft.
249814	Terracotta	4622	160 ft.
249815	Toast	4628	160 ft.

ZipStrip® is a registered trademark of Steel Stitch Corp. Sunbrella® is a registered trademark of Glen Raven, Inc. Tenara® is a registered trademark of W.L. Gore & Associates, Inc.



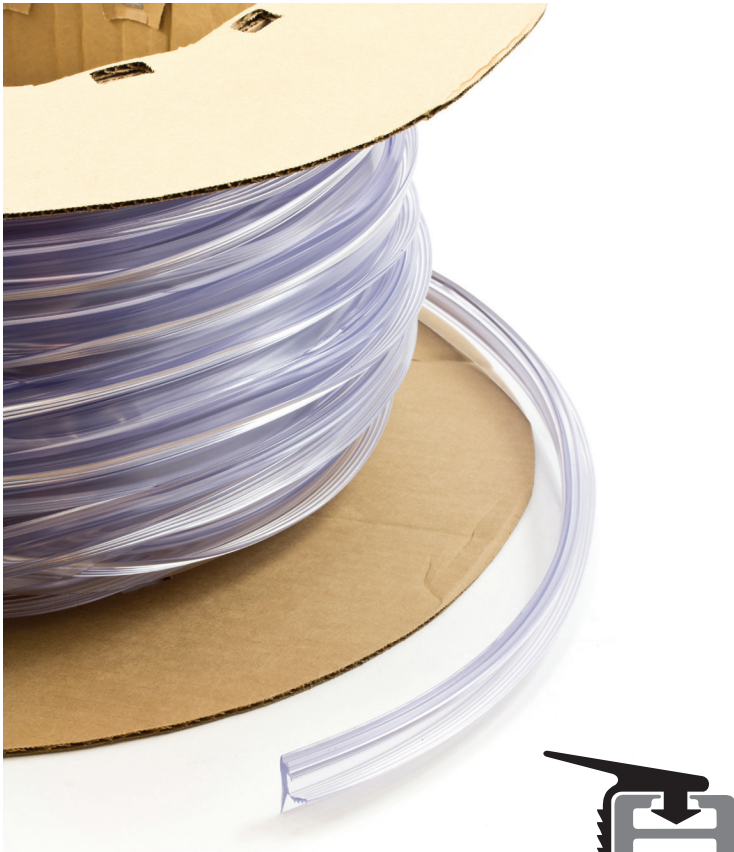
249855

Steel Stitch™ ZipStrip® – Firesist® Fabric with Tenara® Thread

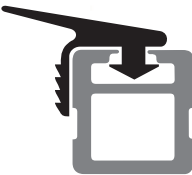
This fabric covered PVC staple channel trim creates a traditional finish on woven canvas awnings and canopies. Fabric covered ZipStrip is made with Firesist fabrics that completely conceal the PVC material. A durable lockstitch double seam of Tenara thread holds the fabric securely in place for years of attractive performance. Custom colors and fabrics are available.

Item #	Color	Color #	Standard Package
249857	Admiral Navy	82010	160 ft.
249865	Crimson	82017	160 ft.
249853	Forest Green	82003	160 ft.
249851	Regatta	82000	160 ft.
249859	Sunburst Yellow	82013	160 ft.

ZipStrip® is a registered trademark of Steel Stitch Corp. Firesist® is a registered trademark of Glen Raven, Inc. Tenara® is a registered trademark of W.L. Gore & Associates, Inc.



249950



Steel Stitch™ FlashStrip®

Driven into the back bar to create a secure seal against virtually any building surface. Eliminate the need for labor-intensive caulking by applying a single bead of the sealant to the product prior to installation.

Item #	Color	Color #	Standard Package
249950	Crystal Clear	31	125 ft.

Steel Stitch™ is a trademark of Steel Stitch Corporation. FlashStrip® is a registered trademark of Steel Stitch Corporation.



250216



250162



228035



228033



228030

Steel Stitch™ Accessories

Steel Stitch branded chisel and divergent point staples work with Bea/Behrens (#250213, #250162), Fasco (#250198) and Apach (#250216) staplers.

Item #	Style #	Description	For Use With	Put Up	Size	Standard Package	Weight
250216	LU-9225AC	Apach Stapler with Case			8.8" x 2.3" x 7.8"	1	2.64 lbs.
250162	92/25-553	Bea/Behrens Stapler with Safety				1	
250213	92/25-553	Bea/Behrens Stapler				1	
228035	AS0K151	Danair Hammer O-Ring Kit				1	
228031	T15S	Danair Hammer Replacement Tip, Blue				1	
228033	158	Danair Hammer Replacement Valve				1	
228030	AH15S	Danair Pneumatic Hammer				1	
250198	F21T92-25AST	Fasco Stapler with Safety				1	
250222	805STA12CP	Staples - Steel Stitch Chisel Point Galvanized	BeA Stapler (#250213), BeA Stapler with Safety (#250162), Apach Stapler (#250216)	8400/box	1/2 in.	1 box	
250205	805STA38CP	Staples - Steel Stitch Chisel Point Galvanized	BeA Stapler (#250213), BeA Stapler with Safety (#250162), Apach Stapler (#250216)	5000/box	3/8 in.	1 box	
250158	810STA20	Staples - Steel Stitch Divergent Point Galvanized	BeA Stapler (#250213), BeA Stapler with Safety (#250162), Apach Stapler (#250216)	5000/box	1/2 in.	1 box	
250157	810STA10	Staples - Steel Stitch Divergent Point Galvanized	BeA Stapler (#250213), BeA Stapler with Safety (#250162), Apach Stapler (#250216)	5000/box	3/8 in.	1 box	
250202	810STA85	Staples - Steel Stitch Divergent Point Stainless Steel	BeA Stapler (#250213), BeA Stapler with Safety (#250162), Apach Stapler (#250216)	5000/box		1 box	
250153		Steel Stitch Grinding Disk				25	

Steel Stitch™ is a trademark of Steel Stitch Corporation.



250198



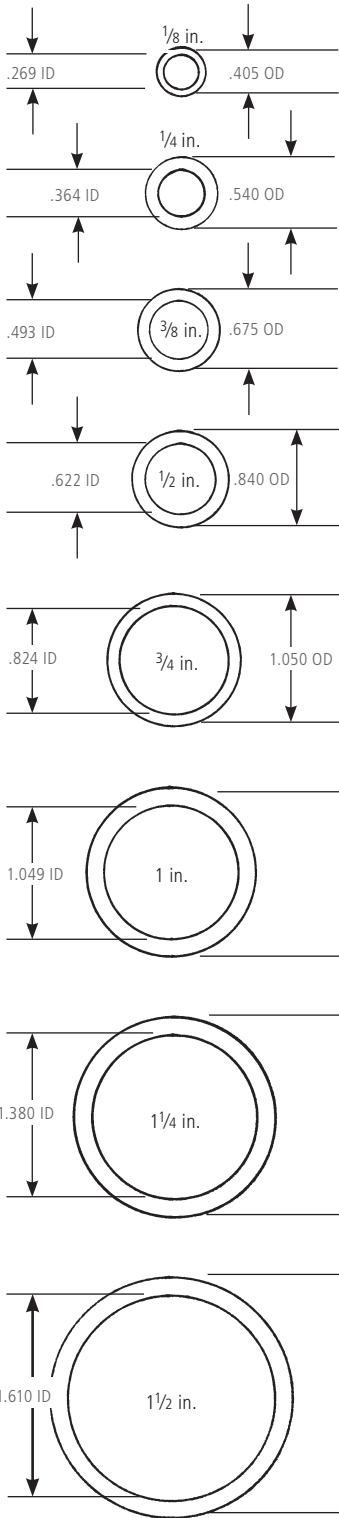
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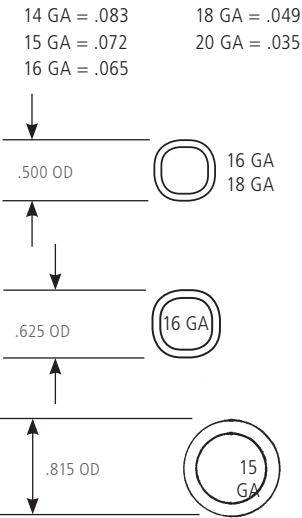
250153

GATORSHIELD® TUBING – GALVANIZED FINISH STEEL

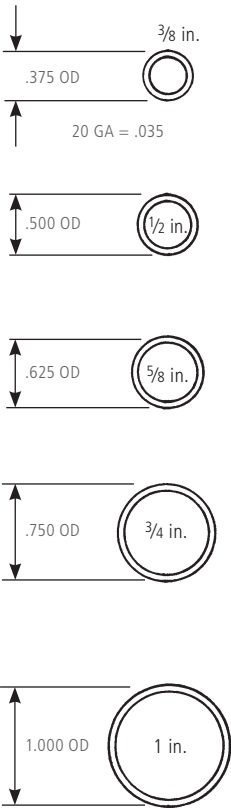
Pipe Schedule 40



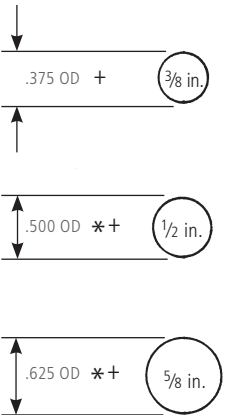
Gatorshield Wall Size



Mechanical Tubing (Numerous wall sizes available)



Awning Iron



ID = Inside Diameter
OD = Outside Diameter
* = Available in Aluminum Headrod
+ = Available in Fiberglass Headrod

Gatorshield® is a registered trademark of Allied Tube & Conduit Corporation.

Gatorshield® – Galvanized Finish Steel Tubing

Gatorshield steel tubing offers triple layer corrosion protection on the exterior surface consisting of zinc, a conversion coating and a clear organic topcoat. The interior is fully covered with a corrosion-resistant zinc coating. Independent tests have proven our steel tubing offers dramatically higher corrosion resistance than other products being marketed for awning framework.

Item #	Approximate Weight Per Piece	Feet Per Bundle	Gauge	Lbs Per Foot	Length	Pieces Per Bundle	Shape	Size Outside Diameter	Standard Package	Weight Per Bundle
276096	25.400 lbs.	640 ft.	16	1.27 lbs.	20 ft.	32	Rectangle	1 in. x 2 in.	32	813 lbs.
276099	23.230 lbs.	768 ft.	18	0.968 lbs.	24 ft.	32	Rectangle	1 in. x 2 in.	38.4	744 lbs.
276058	16.800 lbs.	1220 ft.	14	0.84 lbs.	20 ft.	61	Round	1.029	61	1025 lbs.
276057	27.328 lbs.	925 ft.	14	1.09 lbs.	25 ft.	37	Round	1.315	37	1011 lbs.
276062	21.800 lbs.	740 ft.	14	1.09 lbs.	20 ft.	37	Round	1.315	37	807 lbs.
276056	11.400 lbs.	1820 ft.	15	0.57 lbs.	20 ft.	91	Round	0.815	91	1037 lbs.
276052	4.800 lbs.	1820 ft.	18	0.24 lbs.	20 ft.	91	Round	0.500	91	437 lbs.
276065	9.960 lbs.	2540 ft.	18	0.498 lbs.	20 ft.	127	Round	1.000	127	1265 lbs.
276084	16.600 lbs.	1200 ft.	16	0.83 lbs.	20 ft.	60	Square	1 in.	60	1241 lbs.
276085	19.824 lbs.	1440 ft.	16	0.83 lbs.	24 ft.	60	Square	1 in.	60	1189 lbs.
276080	13.200 lbs.	1600 ft.	16	0.66 lbs.	20 ft.	80	Square	13/16 in.	80	1673 lbs.
276094	34.400 lbs.	500 ft.	16	1.72 lbs.	20 ft.	25	Square	2 in.	25	860 lbs.
276086	12.600 lbs.	1200 ft.	18	0.63 lbs.	20 ft.	60	Square	1 in.	60	561 lbs.
276088	9.200 lbs.	1200 ft.	20	0.46 lbs.	20 ft.	60	Square	1 in.	60	914 lbs.

Gatorshield® is a registered trademark of Allied Tube & Conduit Corporation.

Gatorshield® – Tubing Plug

Item #	Description	For	Inside Diameter	Size	Standard Package
255420	Square	1 in. 16 gauge tubing	7/8 in. x 7/8 in.	1 in. x 1 in. x 1/2 in.	25

Gatorshield® is a registered trademark of Allied Tube & Conduit Corporation.



254160

Gatorshield® – Touch Up Paint

Item #	Put Up	Standard Package
254160	12-oz aerosol can	12

Gatorshield® is a registered trademark of Allied Tube & Conduit Corporation.

Grommets – DOT® with Plain Washer

Item #	Style #	Color	Finish	Hole Size After Setting	Material	Standard Package
233746	0			9/32 in.	Brass	1 gross
233760	0	Black		1/4 in.	Brass	1 gross
233715	0	Black		1/4 in.	Brass	25 gross
233707	0			1/4 in.	Brass	25 gross
233755	0		Nickel Plated	1/4 in.	Brass	1 gross
233727	0		Nickel Plated	1/4 in.	Brass	25 gross
233777	00			3/16 in.	Brass	1 gross
233787	00	Black		3/16 in.	Brass	1 gross

Item #	Style #	Color	Finish	Hole Size After Setting	Material	Standard Package
233699	00	Black		3/16 in.	Brass	25 gross
233700	00			3/16 in.	Brass	25 gross
233795	00		Nickel Plated	3/16 in.	Brass	1 gross
233730	00		Nickel Plated	3/16 in.	Brass	25 gross
233751	1			9/32 in.	Brass	1 gross
233772	1	Black		9/32 in.	Brass	1 gross
233716	1	Black		9/32 in.	Brass	25 gross
233708	1			9/32 in.	Brass	25 gross
233754	1		Nickel Plated	9/32 in.	Brass	1 gross
233731	1		Nickel Plated	9/32 in.	Brass	25 gross
233740	2			3/8 in.	Brass	1 gross
233756	2	Black		3/8 in.	Brass	1 gross
233709	2			3/8 in.	Brass	25 gross
233744	2		Nickel Plated	3/8 in.	Brass	1 gross
233728	2		Nickel Plated	3/8 in.	Brass	25 gross
233771	3	Black		7/16 in.	Brass	1 gross
233752	3			7/16 in.	Brass	1 gross
233710	3			7/16 in.	Brass	25 gross
233718	3	Black		7/16 in.	Brass	25 gross
233759	3		Nickel Plated	7/16 in.	Brass	1 gross
233729	3		Nickel Plated	7/16 in.	Brass	25 gross
233764	4	Black		1/2 in.	Brass	1 gross
233745	4			1/2 in.	Brass	1 gross
233711	4			1/2 in.	Brass	25 gross
233719	4	Black		1/2 in.	Brass	25 gross
233761	4		Nickel Plated	1/2 in.	Brass	1 gross
233732	4		Nickel Plated	1/2 in.	Brass	25 gross
233778	5			5/8 in.	Brass	1 gross
233697	5	Black		5/8 in.	Brass	25 gross
233692	5			5/8 in.	Brass	25 gross
233796	5		Nickel Plated	5/8 in.	Brass	1 gross
233733	5		Nickel Plated	5/8 in.	Brass	25 gross
233779	6			13/16 in.	Brass	1 gross
233693	6			13/16 in.	Brass	25 gross
233698	6	Black		13/16 in.	Brass	25 gross
233797	6		Nickel Plated	13/16 in.	Brass	1 gross

DOT® is a registered trademark of Scovill Fasteners, Inc.

Grommets – DOT® with Tooth Washer

Item #	Style #	Color	Finish	Hole Size After Setting	Material	Standard Package
233788	0	Black		1/4 in.	Brass	1 gross
233780	0			1/4 in.	Brass	1 gross
233736	0	Black		1/4 in.	Brass	25 gross
233694	0			1/4 in.	Brass	25 gross
233970	0		Nickel Plated	1/4 in.	Brass	1 gross
233781	1			9/32 in.	Brass	1 gross
233695	1			9/32 in.	Brass	25 gross
233737	1	Black		9/32 in.	Brass	25 gross
233971	1		Nickel Plated	9/32 in.	Brass	1 gross
233687	1		Nickel Plated	9/32 in.	Brass	25 gross
233762	2			3/8 in.	Brass	1 gross
233789	2	Black		3/8 in.	Brass	1 gross
233720	2	Black		3/8 in.	Brass	25 gross
233712	2			3/8 in.	Brass	25 gross
233773	2		Nickel Plated	3/8 in.	Brass	1 gross
233688	2		Nickel Plated	3/8 in.	Brass	25 gross
233769	3			7/16 in.	Brass	1 gross
233713	3			7/16 in.	Brass	25 gross
233721	3	Black		7/16 in.	Brass	25 gross
233774	3		Nickel Plated	7/16 in.	Brass	1 gross
233770	4			1/2 in.	Brass	1 gross
233790	4	Black		1/2 in.	Brass	1 gross
233738	4	Black		1/2 in.	Brass	25 gross
233714	4			1/2 in.	Brass	25 gross
233775	4		Nickel Plated	1/2 in.	Brass	1 gross
233689	4		Nickel Plated	1/2 in.	Brass	25 gross
233782	5			5/8 in.	Brass	1 gross
233696	5			5/8 in.	Brass	25 gross
233776	5		Nickel Plated	5/8 in.	Brass	1 gross

DOT® is a registered trademark of Scovill Fasteners, Inc.

Grommets – DOT® Rolled Rim with Spur Washer



233753

Item #	Style #	Color	Finish	Hole Size After Setting	Material	Standard Package
233767	0	Black		9/32 in.	Brass	1 gross
233753	0			9/32 in.	Brass	1 gross
233722	0	Black		9/32 in.	Brass	25 gross
233636	0			9/32 in.	Brass	25 gross
233743	0		Nickel Plated	9/32 in.	Brass	1 gross
233641	0		Nickel Plated	9/32 in.	Brass	25 gross
233749	1			13/32 in.	Brass	1 gross
233765	1	Black		13/32 in.	Brass	1 gross
233723	1	Black		13/32 in.	Brass	25 gross

Item #	Style #	Color	Finish	Hole Size After Setting	Material	Standard Package
233637	1			13/32 in.	Brass	25 gross
233748	1		Nickel Plated	13/32 in.	Brass	1 gross
233642	1		Nickel Plated	13/32 in.	Brass	25 gross
233757	2	Black		7/16 in.	Brass	1 gross
233741	2			7/16 in.	Brass	1 gross
233724	2	Black		7/16 in.	Brass	25 gross
233638	2			7/16 in.	Brass	25 gross
233747	2		Nickel Plated	7/16 in.	Brass	1 gross
233643	2		Nickel Plated	7/16 in.	Brass	25 gross
233750	3			15/32 in.	Brass	1 gross
233768	3	Black		15/32 in.	Brass	1 gross
233639	3			15/32 in.	Brass	25 gross
233725	3	Black		15/32 in.	Brass	25 gross
233763	3		Nickel Plated	15/32 in.	Brass	1 gross
233644	3		Nickel Plated	15/32 in.	Brass	25 gross
233766	4	Black		9/16 in.	Brass	1 gross
233742	4			9/16 in.	Brass	1 gross
233640	4			9/16 in.	Brass	25 gross
233726	4	Black		9/16 in.	Brass	25 gross
233758	4		Nickel Plated	9/16 in.	Brass	1 gross
233645	4		Nickel Plated	9/16 in.	Brass	25 gross
233791	5	Black		5/8 in.	Brass	1 gross
233783	5			5/8 in.	Brass	1 gross
233653	5			5/8 in.	Brass	25 gross
233928	5		Nickel Plated	5/8 in.	Brass	1 gross
233652	5			5/8 in.	Stainless Steel	1 gross
233792	6	Black		3/4 in.	Brass	1 gross
233784	6			3/4 in.	Brass	1 gross
233654	6			3/4 in.	Brass	25 gross
233929	6		Nickel Plated	3/4 in.	Brass	1 gross
233793	7	Black		29/32 in.	Brass	1 gross
233785	7			29/32 in.	Brass	1 gross
233655	7			29/32 in.	Brass	25 gross
233930	7		Nickel Plated	29/32 in.	Brass	1 gross
233786	8			1-3/32 in.	Brass	1 gross
233794	8	Black		1-3/32 in.	Brass	1 gross
233931	8		Nickel Plated	1-3/32 in.	Brass	1 gross

DOT® is a registered trademark of Scovill Fasteners, Inc.

Grommets – DOT® Self-Piercing with Plain Washer



Will pierce most fabrics without pre-punching a hole, while setting the grommet and washer in the same action.

Item #	Style #	Finish	Hole Size After Setting	Material	Standard Package
233958	0		1/4 in.	Brass	500
233959	1		5/16 in.	Brass	500
233960	2		3/8 in.	Brass	500
233957	2	Nickel Plated	3/8 in.	Brass	500
233961	3		7/16 in.	Brass	500
233956	3	Nickel Plated	7/16 in.	Brass	500

DOT® is a registered trademark of Scovill Fasteners, Inc.

Grommets – DOT® Self-Piercing Rolled Rim with Spur Washer

Will pierce most fabrics without pre-punching a hole, while setting the grommet and washer in the same action.

Item #	Style #	Hole Size After Setting	Material	Standard Package
233890	0	1/4 in.	Stainless Steel	1 gross
233896	0	1/4 in.	Stainless Steel	25 gross
233891	1	5/16 in.	Stainless Steel	1 gross
233897	1	5/16 in.	Stainless Steel	25 gross
233892	2	3/8 in.	Stainless Steel	1 gross
233898	2	3/8 in.	Stainless Steel	25 gross
233893	3	7/16 in.	Stainless Steel	1 gross
233899	3	7/16 in.	Stainless Steel	25 gross
233894	4	1/2 in.	Stainless Steel	1 gross
233900	4	1/2 in.	Stainless Steel	25 gross
233895	5	5/8 in.	Stainless Steel	1 gross
233901	5	5/8 in.	Stainless Steel	25 gross

DOT® is a registered trademark of Scovill Fasteners, Inc.

Grommets – DOT® Special Brass And Washers



Item #	Style #	Description	Color	Finish	Material	Standard Package
233656	1	Grommet with A1340 Neck Washer			Brass	25 gross
233704	1	Grommet with A1340 Neck Washer	Black		Brass	25 gross
233705	1	Grommet with A1340 Neck Washer		Nickel Plated	Brass	25 gross
233706	2	Grommet with A3630 Washer			Brass	25 gross
233702	2	Grommet with A3630 Washer		Nickel Plated	Brass	25 gross
233455	4	Rolled Rim Grommet (Washer Not Included)		Nickel Plated	Brass	125 gross drum
233479	4	Spur Washer (Grommet Not Included))		Nickel Plated	Brass	125 gross drum

DOT® is a registered trademark of Scovill Fasteners, Inc.

Grommets – Sharpened Edge with Small Tooth Locking Channel

Washer

Will pierce most fabrics without pre-punching a hole, while setting the grommet and washer in the same action.

Item #	Style #	Finish	Hole Size After Setting	Material	Standard Package
233973	1	Lacquer	5/16 in.	Brass	500
233071	1	Nickel Plated	5/16 in.	Brass	500
233566	2	Nickel Plated	3/8 in.	Brass	500
233975	3	Lacquer	7/16 in.	Brass	100
233567	3	Nickel Plated	7/16 in.	Brass	100



Grommets – Self-Piercing with Plain Washer

Will pierce most fabrics without pre-punching a hole, while setting the grommet and washer in the same action.

Item #	Style #	Hole Size After Setting	Material	Standard Package
235413	1	5/16 in.	Stainless Steel	500
235414	2	3/8 in.	Stainless Steel	500

Grommets – Self-Piercing Rolled Rim with Spur Washer

Will pierce most fabrics without pre-punching a hole, while setting the grommet and washer in the same action.

Item #	Style #	Finish	Hole Size After Setting	Material	Standard Package
233024	1	Nickel Plated	3/8 in.	Brass	500
233025	2	Nickel Plated	7/16 in.	Brass	250

E-Z Lace Supreme®

E-Z Lace Supreme eliminates the need to insert grommets. A 1 inch re-enforced side hole size makes lacing that much easier and quicker, while the 3 inch center spacing of the holes greatly increases manufacturing design flexibility. E-Z Lace Supreme also has a specialized and durable finish that resists mildew and ultraviolet rays, significantly increasing long-term strength and durability.

Item #	Style #	Color	Put Up	Width
502108	6608	Black	50 yd.	2-1/8 in.
502109	6630	Cadet Grey	50 yd.	2-1/8 in.
502111	6637	Forest Green	50 yd.	2-1/8 in.
502112	6604	Natural	50 yd.	2-1/8 in.
502107	6601	Pacific Blue	50 yd.	2-1/8 in.

E-Z Lace Supreme® is a trademark of Offray Specialty Narrow Fabrics.



207671

Buckles – “Push-Button”

Item #	Style #	Finish	Standard Package	Webbing Size
207671	6105	Black enamel	100	1 in.
207668	6105	Cadmium plated	100	1 in.
207724	6105	Nickel plated	100	1 in.
207722	6105	Nickel plated	100	1-1/2 in.
207667	6105	Nickel plated	100	3/4 in.
207723	6105	Stainless Steel	100	1 in.
207721	6105	Stainless steel	100	1-1/2 in.
207665	3105	Zinc plated	500	1 in.



207652



207680

Buckles – For Nylon Or Polyester Webbing

A 1 inch non-slip buckle developed to provide a positive hold on very smooth nylon or polyester webbing when webbing is threaded through the buckle.

Item #	Style #	Finish	Standard Package	Webbing Size
207652	1020	Nickel plated	100	1 in.
207680	4042	Nickel plated		1 in.



207558

Buckles – Single Bar

For 1 inch webbing. Sheet brass, black finish. Meets Mil-B-543 Type 1, Style 2, Class 1.

Item #	Style #	Standard Package	Webbing Size
207558	146	100	1 in.



207650



207516

Buckles – Tongueless

Dependable and sturdy buckles with a firm locking toothed slide. Made of the finest grade stamped steel.

Item #	Style #	Finish	Standard Package	Type	Webbing Size
207650	01055	Cadmium plated	100	Type 1, 2, 3	1 in.
207512	2690	Cadmium plated	50	Type 1, 2, 3	1-1/2 in.
207516	5270	Cadmium plated	50	Type 1, 2, 3	2 in.
207517	5270	Nickel plated	100	Type 1, 2, 3	2 in.
207508	635	Zinc plated	200		1 in.



207512



207508



260441

Clip And Dee

Item #	Style #	Finish	Inside Dimension Width	Length	Material	Size	Size Hole	Standard Package
213820	1954		3/4 in.	1-3/8 in.	Stainless Steel		0.201 in.	1000
260441	1954	Nickel Plated	3/4 in.		Steel	1-3/8 in.	0.201 in.	1000



249216

Footman Loop

Made of zinc-plated steel.

Item #	Style #	Diameter Hole	Size	Standard Package	Webbing Size
249208	118-BX100-25	7/32 in.	2-5/8 in.	100	1 in.
249203	118-BX1000-25	7/32 in.	2-5/8 in.	1000	1 in.
249214	524	7/32 in.	3-1/8 in.	100	1-1/2 in.
249218	138	1/4 in.	2-3/4 in.	100	1-1/4 in.
249216	218	1/4 in.	3-5/8 in.	100	2 in.



295565

Webbing Loop

Made of nickel-plated steel.

Item #	Style #	Size	Standard Package	Type
295560	4950	1 in. x 7/16 in.	100	Unwelded
295565	69900	2 in. x 7/16 in.	100	Unwelded



275703

Triangle Ring

Item #	Finish	Material	Size	Standard Package
275703	Nickel Plated	Steel	1-1/2 in. x 1-1/2 in. x 1-1/2 in.	100

Dee Ring – Zinc Die-Cast

Item #	Style #	Description	Inside Dimension Height	Inside Dimension Width	Material	Standard Package	Wire Diameter
260511	45204	Non-Welded	8/9 in.	1 in.	Zinc Die-Cast	1000	0.154 in.



260527

Dee Ring – Zinc Plated

Made of steel wire, with a zinc plating.

Item #	Style #	Description	Inside Dimension Height	Inside Dimension Width	Standard Package	Wire Diameter
260507	563	Non-Welded	5/8 in.	3/4 in.	500	0.135 in.
260508	563	Non-Welded	7/8 in.	1 in.	200	0.135 in.
260512	563	Non-Welded	1-3/16 in.	1-1/2 in.	200	0.148 in.
260527	3250	Welded	3/4 in.	7/8 in.	100	0.207 in.
260528	3250	Welded	7/8 in.	1 in.	100	0.207 in.
260529	3250	Welded	1 in.	1-1/8 in.	100	0.207 in.
260530	3250	Welded	1-1/8 in.	1-1/4 in.	100	0.243 in.
260532	3250	Welded	1-5/16 in.	1-1/2 in.	50	0.253 in.
260534	3250	Welded	1-1/2 in.	1-3/4 in.	50	0.262 in.
260536	3250	Welded	1-5/8 in.	2 in.	50	0.262 in.



260502

Dee Ring – Nickel Plated

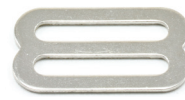
Item #	Style #	Description	Finish	Inside Dimension Height	Inside Dimension Width	Material	Standard Package	Wire Diameter
260500	3250	Welded	Nickel Plated	1-3/5 in.	2 in.	Steel	500	0.260 in.
260502	563	Non-Welded	Nickel Plated	3/4 in.	1 in.	Steel	200	0.135 in.
260503	563	Non-Welded	Nickel Plated	5/8 in.	3/4 in.	Steel	500	0.135 in.



267320

Spring – Trampoline

Item #	Length	Standard Package
267320	8 in.	100



295531

Webbing – 3 Bar Slide

Made of stamped steel, nickel plated. Used for garments, parkas, outerwear, equestrian equipment, horse blankets.



295537

Item #	Style #	Size	Standard Package
295531	02300	1 in.	500
295532	02300	1-1/2 in.	500
295534	02300	2 in.	500
295537	03300	2 in.	200



274908

Webbing – Tip For Types I And II Webbing

Flat type. Nickel plated steel.

Item #	Style #	Size	Standard Package
274908	1	1 in.	1000



275012

Webbing – Tip For Types I, II And III Webbing

Ball type. Brass with black finish. Meets Government Specifications MIL-C-496.

Item #	Style #	Size	Standard Package
275008	149	1 in.	1000
275012	149	1-1/2 in.	25



267989

Staples – Oblong Clinch

Item #	Style #	Standard Package
267989	189	1



207697



ACW Side Release Buckles

Item #	Style #	Description	Color	Material	Standard Package	Webbing Size
207701	91514 BSR	Side Release Buckle	Black	Acetal	100	1 in.
207697	91409/91526 BSR-DA	Side Release Double Adjust Buckle	Black	Acetal	100	1 in.
207726	91409-BSR-DA	Side Release Double Adjust Buckle	Black	Acetal	100	1 in.



585060

Fastex® Side Release Buckle

Can be used on backpacks, camera bags, and many other fastening applications.

Item #	Description	Color	Material	Standard Package	Webbing Size
585032	Body Only	Black	Acetal	1	1 in.
585030		Black	Acetal	100	1 in.
585060		Black	Acetal	100	1-1/2 in.
585075		Black	Acetal	100	2 in.
585015		Black	Acetal	100	3/4 in.
585031		White	Acetal	100	1 in.

Fastex® is a registered trademark of ITW.



585215

Fastex® Ladderloc™

Can be used on backpacks, camera bags, and many other fastening applications.

Item #	Style #	Color	Material	Standard Package	Webbing Size
585215	154-0075	Black	Acetal	100	3/4 in.
585270	104-2200	Black	Acetal	100	2 in.
585283	154-3100-5614	Black	Acetal	1000	1 in.

Fastex® is a registered trademark of ITW. Ladderloc™ is a trademark of ITW.

ACW Cam Buckles

Item #	Style #	Color	Material	Standard Package	Webbing Size
207720	91390 CB	Black	Acetal	100	1 in.



586430

Fastex® Cam Buckle

This versatile buckle works with a camming action directly against webbing. It provides easy adjustment and high security at the same time and is suitable for a wide range of webbing applications. One-handed quick release.

Item #	Color	Color #	Material	Standard Package	Webbing Size
586430	Black	525	Acetal	100	1 in.

Fastex® is a registered trademark of ITW.

YKK® Fasteners

All plastic hardware.

Item #	Style #	Description	Color	Standard Package	Webbing Size
585585	93838	Wheel Lock	Black	100	1 in.

YKK® is a registered trademark of YKK Corporation in Japan and other countries/regions.



586110

Fastex® Barreloc

Limitless applications include locking sleeping bag and parka hood draw strings. Can be used with either one or two cords.

Item #	Color	Material	Rope Size	Standard Package
586110	Black	Acetal	3/16 in.	100

Fastex® is a registered trademark of ITW.



586578

Fastex® Ellipse Cordloc

Provides an option for a lanyard tie down to assist in hand adjustments.

Item #	Color	Material	Rope Size	Standard Package
586578	Black	Acetal	1/4 in.	1000

Fastex® is a registered trademark of ITW.



585630

Fastex® D-Ring

These D-rings are perfect whenever a sturdy attachment point is required. Unlike metal D-rings, they won't rust or corrode.

Item #	Color	Material	Standard Package	Webbing Size
585630	Black	Acetal	100	1 in.
585660	Black	Acetal	100	1-1/2 in.
585675	Black	Acetal	100	2 in.

Fastex® is a registered trademark of ITW.



585775

Fastex® Looploc

Ideal for holding straps or webbing where no adjustment is needed.

Item #	Style #	Color	Material	Standard Package	Webbing Size
585715	111-0100	Black	Acetal	100	1 in.
585760	111-0150	Black	Acetal	100	1-1/2 in.
585775	111-0200	Black	Acetal	100	2 in.

Fastex® is a registered trademark of ITW.



587300

Fastex® Sewable Grommet

Molded from a toughened nylon, the Sewable Grommet can be sewn directly to fabric or webbing. It will withstand heavy load and stress factors, yet always return to its original shape. It is unaffected by weather and will not snap or pull rope or cord running through it. Unaffected by ultraviolet degradation. Radio frequency bondable.

Item #	Style #	Color	Material	Standard Package
587300	406-0000	Black	Toughened Nylon	500

Fastex® is a registered trademark of ITW.



586920

Fastex® Shock Cord Hook

These shock cord fasteners will not mar or scratch anything they touch. The entire unit is molded, which eliminates the necessity of using a metal crimp ring. They are also rust and corrosion proof. Operates under all weather conditions. Not affected by salt water.

Item #	Style #	Color	Cord Size	Material	Standard Package
586920	605-0250-5614	Black	1/4 in.	Acetal	100
586930	605-0375	Black	5/16 in.	Acetal	100

Fastex® is a registered trademark of ITW.



585975

Fastex® Triglide™ 3 Bar Slide

For sporting, recreational, luggage, medical, apparel and juvenile products. Extremely popular in the floatation and backpacking industries, these buckles can be used wherever webbing closures are needed. Useful in just about any application in which a variable length strap assembly is required.

Item #	Style #	Color	Material	Standard Package	Webbing Size
585930	105-0100	Black	Acetal	100	1 in.
585960	105-0150	Black	Acetal	100	1-1/2 in.
585975	105-0200	Black	Acetal	100	2 in.

Fastex® is a registered trademark of ITW. Triglide™ is a trademark of ITW.



207540



586089

YKK® Fasteners

All plastic hardware.

Item #	Style #	Description	Color	Rope Size	Standard Package	Webbing Size
207540	LBS1	Easy Release Buckle	Black		100	1 "
207543	LBRU1	Heavy Duty Quick Release Buckle	Black		1000	1 "
207545	LBRU1.5	Heavy Duty Quick Release Buckle	Black		1000	1-1/2 "
586089	LC05SHD2	Single Cord Lock with Double Loop	Black	3/16 in.	1500	

YKK® is a registered trademark of YKK Corporation in Japan and other countries/regions.



585310

Snaphook – Interlocking Snaphook

Applications are similar to those of the side release buckle. However, the “tooth” design increases the overall strength.

Item #	Style #	Color	Material	Standard Package
585310	106-1000	Black	Delrin®	100

Delrin® is a registered trademark of E.I. Dupont de Nemours and Company, Inc.



585430

Snaphook – Retainer

Item #	Style #	Color	Material	Size	Standard Package
585430	108-0100	Black	Delrin®	1 in.	100
585460	108-0150	Black	Delrin®	1-1/2 in.	100
585475	108-0200-5614	Black	Delrin®	2 in.	100

Delrin® is a registered trademark of E.I. Dupont de Nemours and Company, Inc.



585300

Snaphook – Standard Snaphook

Used most often for detachable shoulder straps.

Item #	Style #	Color	Material	Standard Package
585300	106-0000	Black	Delrin®	100

Delrin® is a registered trademark of E.I. Dupont de Nemours and Company, Inc.



230991

230998



230997



230717

DOT® Baby Durable™

An intermediate size snap fastener. Baby Durable provides firm snap action and strong holding power without being visually prominent on the end item.

Item #	Style #	Description	Finish	Size	Standard Package
230991	94-X2-12108-2B	Cap	Black Oxide	3/16 in.	1000
230854	94-XB-12105-2B	Cap	Black Oxide		1000
230997	94-BS-12402-2C	Post	Black Oxide	3/16 in.	1000
230993	94-XB-12205-2C	Socket	Black Oxide		1000
230995	94-BS-12302-2C	Stud	Black Oxide		1000
230998	94-BS-12303-2C	Stud	Black Oxide		1000
230717	94-XB-12105-4A	Cap	Nickel Plated		100
230794	94-BS-12402-1A	Post	Nickel Plated	3/16 in.	100

Item #	Style #	Description	Finish	Size	Standard Package
230795	94-BS-12404-2A	Post	Nickel Plated	1/4 in.	1000
230792	94-XB-12205-4A	Socket	Nickel Plated		100
230959	94-BS-12303-2A	Stud	Nickel Plated		1000

DOT® is a registered trademark of Scovill Fasteners, Inc. Baby Durable™ is a trademark of Scovill Fasteners, Inc.

DOT® Common Sense® / Curtain Fasteners

Curtain fasteners are available in brass lacquer, nickel or black finish. All studs have rust-resistant brass springs. Sold in full package lots of 100 and 1000 pieces.



230580



230587



230386



230207



230423



230426

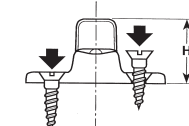
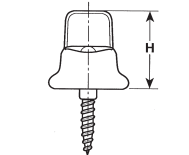
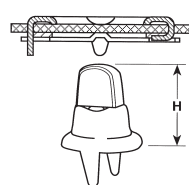
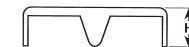
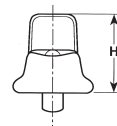


230205



230504

Item #	Style #	Description	Finish	Size	Standard Package	Tools Part #
230509	91-PS-78511-49	Washer			100	
230580	91-BS-78403-1G	Eyelet	Black Oxide		100	C4-450 (#216045)
230380	91-BS-78403-2G	Eyelet	Black Oxide		1000	C4-450 (#216045)
230587	91-XB-78332-1G	Turn Button Double Prong	Black Oxide		100	171 (#275575)
230386	91-XB-78322-2G	Turn Button Two Screw Holes	Black Oxide		1000	
230581	91-BS-78505-1C	Washer	Black Oxide		100	
230381	91-BS-78505-2C	Washer	Black Oxide		1000	
230207	91-BS-78507-2D	Back Plate	Gilt		1000	171 (#275575)
230403	91-BS-78403-1E	Eyelet	Gilt		100	C4-450 (#216045)
230203	91-BS-78403-2E	Eyelet	Gilt		1000	C4-450 (#216045)
230423	91-XB-78323-1E	Turn Button Double Height Two Screw Holes	Gilt		100	
230223	91-XB-78323-2E	Turn Button Double Height Two Screw Holes	Gilt		1000	
230426	91-XB-783247-1E	Turn Button Screw Stud	Gilt	5/8 in.	100	89-9908 (#275584)
230226	91-XB-783247-2E	Turn Button Screw Stud	Gilt	5/8 in.	1000	89-9908 (#275584)
230422	91-XB-78322-1E	Turn Button Two Screw Holes	Gilt		100	
230405	91-BS-78505-1D	Washer	Gilt		100	
230205	91-BS-78505-2D	Washer	Gilt		1000	
230520	91-X8-783247-1A	Turn Button Screw Stud	Nickel Plated, Stainless Steel Stud	5/8 in.	100	89-9908 (#275584)
230228	91-X8-783247-2A	Turn Button Screw Stud	Nickel Plated, Stainless Steel Stud	5/8 in.	1000	89-9908 (#275584)
230504	91-BS-78502-1A	Back Plate	Nickel Plated		100	
230307	91-BS-78507-2A	Back Plate	Nickel Plated		1000	171 (#275575)
230507	91-BS-78507-4A	Back Plate	Nickel Plated		100	171 (#275575)
230534	91-BS-78404-4A	Eyelet (Long)	Nickel Plated		100	



Item #	Style #	Description	Finish	Size	Standard Package	Tools Part #
230303	91-BS-78403-2A	Eyelet	Nickel Plated		1000	C4-450 (#216045)
230503	91-BS-78403-4A	Eyelet	Nickel Plated		100	C4-450 (#216045)
230527	91-XB-783257-1A	Turn Button Double Height Screw Stud	Nickel Plated	5/8 in.	100	89-9908 (#275584)
230327	91-XB-783257-2A	Turn Button Double Height Screw Stud	Nickel Plated	5/8 in.	1000	89-9908 (#275584)
230323	91-XB-78323-2A	Turn Button Double Height Two Screw Holes	Nickel Plated		1000	
230523	91-XB-78323-4A	Turn Button Double Height Two Screw Holes	Nickel Plated		100	
230533	91-XB-78333-1A	Turn Button Double Prong Double Height	Nickel Plated		100	171 (#275575)
230332	91-XB-78332-2A	Turn Button Double Prong	Nickel Plated		1000	171 (#275575)
230532	91-XB-78332-4A	Turn Button Double Prong	Nickel Plated		100	171 (#275575)
230326	91-XB-783247-2A	Turn Button Screw Stud	Nickel Plated	5/8 in.	1000	89-9908 (#275584)
230526	91-XB-783247-4A	Turn Button Screw Stud	Nickel Plated	5/8 in.	100	89-9908 (#275584)
230220	91-XX-783157-2A	Turn Button Screw Stud	Nickel Plated	5/8 in.	1000	
230500	91-XX-783157-4A	Turn Button Screw Stud	Nickel Plated	5/8 in.	100	89-9908 (#275584)
230322	91-XB-78322-2A	Turn Button Two Screw Holes	Nickel Plated		1000	
230522	91-XB-78322-4A	Turn Button Two Screw Holes	Nickel Plated		100	
230549	91-XB-78317-4A	Turn Button	Nickel Plated		100	
230305	91-BS-78505-2A	Washer	Nickel Plated		1000	
230505	91-BS-78505-4A	Washer	Nickel Plated		100	
230311	91-BS-78510-2A	Washer	Nickel Plated		1000	
230508	91-BS-78510-4A	Washer	Nickel Plated		100	

DOT® and Common Sense® are registered trademarks of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.



DOT® Durable™ Blind Rivet Stud

This component will provide the installer with a convenient method for securing a stud on hard surfaces such as steel, aluminum, tubing and panels.

Blind Rivet Studs are set in the same manner as typical pop rivets and eliminate the need for threading a stud into a pre-drilled hole or using a machine screw and nut combination. Used with the X2-10128 Button and XB-10224 Socket or similar combinations.

Item #	Style #	Description	Finish	Standard Package
230772	93-X8-10314-1A	Blind Rivet Stud	Nickel Plated, Stainless Steel Mandrel	100
230932	93-X8-10314-2A	Blind Rivet Stud	Nickel Plated, Stainless Steel Mandrel	1000
230774	93-X8-10319-1A	Blind Rivet Stud	Nickel Plated, Stainless Steel Mandrel	100

DOT® is a registered trademark of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.



229625



DOT® Durable™ Enamel

These ultraviolet stabilized enamel painted buttons are in popular demand. The generous color selection is designed to match or compliment a wide variety of today's most popular marine fabrics. Available in packs of 100 and 1000.

Item #	Style #	Color	Standard Package
229684	93-X8-10128-9024-1V	Bahama Berry	100
229650	93-X8-10128-1339-1V	Black	100
229601	93-X2-10128-1339-1V	Black	100
229901	93-X2-10128-1339-2V	Black	1000
229669	93-X8-10128-9009-1V	Blue Marlin	100
229617	93-X2-10128-2595-1V	Butternut Beige	100
229660	93-X8-10128-9000-1V	Cadet Grey	100
229625	93-X2-10128-9000-1V	Cadet Grey	100
229623	93-X2-10128-9002-1V	Captain Navy	100
229662	93-X8-10128-9002-1V	Captain Navy	100
229620	93-X2-10128-1473-1V	Dark Green	100
229600	93-X2-10128-1534-1V	Dull Black	100
229653	93-X8-10128-1534-1V	Dull Black	100
229900	93-X2-10128-1534-2V	Dull Black	1000
229655	93-X8-10128-2234-1V	Foliage Green	100
229632	93-X2-10128-9004-1V	Heather Beige	100
229664	93-X8-10128-9004-1V	Heather Beige	100
229604	93-X2-10128-1487-1V	Lindy	100
229690	93-X8-10128-9030-1V	Logo Red	100
229629	93-X2-10128-9030-1V	Logo Red	100
229611	93-X2-10128-1290-1V	Medium Turquoise	100
229615	93-X2-10128-2104-1V	Mulberry	100
229672	93-X8-10128-9012-1V	Ranch Blue	100
229622	93-X2-10128-9012-1V	Ranch Blue	100
229671	93-X8-10128-9011-1V	Shingle Grey	100
229693	93-X8-10128-9033-1V	Smoke Ring	100
229666	93-X8-10128-9006-1V	Taupe	100
229665	93-X8-10128-9005-1V	Toast	100
229696	93-X8-10128-9036-1V	True Brown	100
229624	93-X2-10128-9031-1V	Walden White	100
229602	93-X2-10128-1959-1V	White	100
229902	93-X2-10128-1959-2V	White	1000
229654	93-X8-10128-1959-1V	White	100
229630	93-X2-10128-3209-1V	Winter Wheat	100
229658	93-X8-10128-3209-1V	Winter Wheat	100

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230881

DOT® Durable™ Mariner™

High ultraviolet resistant plastic cap with a super-strong, self-piercing eyelet. Size matches the standard all-brass construction DOT Durable button.

Item #	Style #	Color	Standard Package
230681	93-XV-10150-1X	Black	100
230881	93-XV-10150-2X	Black	1000
230680	93-XV-10150-1V	White	100
230880	93-XV-10150-2V	White	1000

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230784



230783



230781



230728



230702



230728



230740

DOT® Durable™

Durable Fasteners are a medium-sized heavy-duty button type snap fastener. They are used largely by manufacturers of boat covers, porch curtains and industrial curtains. These fasteners are available in nickel or black finish on brass. Sold only in full package lots of 100, 1,000 or 10,000 pieces where indicated. Certain durable fasteners meet Government Specification MS-27980.

Item #	Style #	Description	Finish	For Use With	Hand Tools Part #	Machine Tools Part #	Size	Standard Package
230784	93-X2-10127-1B	Cap	Black Oxide	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)	9896/9897 (#248133)	1401 (#223501)	1/4 in. (H)	100
230888	93-X2-10127-2B	Cap	Black Oxide	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)	9896/9897 (#248133)	1401 (#223501)	1/4 in. (H)	1000
230780	93-X2-10128-1B	Cap	Black Oxide	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)	9896/9897 (#248133)	1401 (#223501)	11/64 in. (H)	100
230898	93-X2-10128-2B	Cap	Black Oxide	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)	9896/9897 (#248133)	1401 (#223501)	11/64 in. (H)	1000
230783	93-BS-10412-1C	Post	Black Oxide	93-BS-10370-1A (#230727), 93-BS-10370-2A (#230905), 93-BS-10370-1C (#230782), 93-BS-10370-2C (#230897), 93-BS-10370-3A (#230892)	9896/9897 (#248133)	1407 (#223507)	1/4 in.	100
230895	93-BS-10412-2C	Post	Black Oxide	93-BS-10370-1A (#230727), 93-BS-10370-2A (#230905), 93-BS-10370-1C (#230782), 93-BS-10370-2C (#230897), 93-BS-10370-3A (#230892)	9896/9897 (#248133)	1407 (#223507)	1/4 in. (H)	1000
230781	93-XB-10224-1C	Socket	Black Oxide	93-X2-10127-1A (#230701), 93-X2-10127-2A (#230899), 93-X2-10127-1B (#230784), 93-X2-10127-2B (#230888), 93-X2-10128-1A (#230702), 93-X2-10128-2A (#230899), 93-X2-10128-1B (#230780), 93-X2-10128-2B (#230898), 93-X2-10128-3A (#230890)	164H (#248160)	1410 (#223510)		100

Item #	Style #	Description	Finish	For Use With	Hand Tools Part #	Machine Tools Part #	Size	Standard Package
230896	93-XB-10224-2C	Socket	Black Oxide	93-X2-10127-1A (#230701), 93-X2-10127-2A (#230899), 93-X2-10127-1B (#230784), 93-X2-10127-2B (#230888), 93-X2-10128-1A (#230702), 93-X2-10128-2A (#230899), 93-X2-10128-1B (#230780), 93-X2-10128-2B (#230898), 93-X2-10128-3A (#230890)	164H (#248160)	1410 (#223510)		1000
230787	93-XX-10224-2C	Socket	Black Oxide	93-X2-10127-1A (#230701), 93-X2-10127-2A (#230899), 93-X2-10127-1B (#230784), 93-X2-10127-2B (#230888), 93-X2-10128-1A (#230702), 93-X2-10128-2A (#230899), 93-X2-10128-1B (#230780), 93-X2-10128-2B (#230898), 93-X2-10128-3A (#230890)	164H (#248160)	1410 (#223510)		1000
230782	93-BS-10370-1C	Stud	Black Oxide	93-BS-10413-1A (#230741), 93-BS-10413-2A (#230924)	164H (#248160)	1412 (#223512)		100
230897	93-BS-10370-2C	Stud	Black Oxide	93-BS-10413-1A (#230741), 93-BS-10413-2A (#230924)	164H (#248160)	1412 (#223512)		1000
230863	93-BS-10379-3C	Stud	Black Oxide					10000
230701	93-X2-10127-1A	Cap	Nickel Plated	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)	9896/9897 (#248133)	1401 (#223501)	1/4 in. (H)	100
230899	93-X2-10127-2A	Cap	Nickel Plated	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)	9896/9897 (#248133)	1401 (#223501)	1/4 in. (H)	1000
230702	93-X2-10128-1A	Cap	Nickel Plated	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)	9896/9897 (#248133)	1401 (#223501)	11/64 in. (H)	100
230900	93-X2-10128-2A	Cap	Nickel Plated	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)	9896/9897 (#248133)	1401 (#223501)	11/64 in. (H)	1000
230890	93-X2-10128-3A	Cap	Nickel Plated				11/64 in. (H)	10000
230728	93-XB-10342-1A	Gypsy Stud	Nickel Plated	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)		9557 (#275580)		100
230935	93-XB-10342-2A	Gypsy Stud	Nickel Plated	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)		9557 (#275580)		1000
230740	93-BS-10412-1A	Post	Nickel Plated	93-BS-10370-1A (#230727), 93-BS-10370-2A (#230905), 93-BS-10370-1C (#230782), 93-BS-10370-2C (#230897), 93-BS-10370-3A (#230892)	9896/9897 (#248133)	1407 (#223507)	1/4 in. (H)	100
230912	93-BS-10412-2A	Post	Nickel Plated	93-BS-10370-1A (#230727), 93-BS-10370-2A (#230905), 93-BS-10370-1C (#230782), 93-BS-10370-2C (#230897), 93-BS-10370-3A (#230892)	9896/9897 (#248133)	9936 (#223503)	1/4 in. (H)	1000
230893	93-BS-10412-3A	Post	Nickel Plated				1/4 in. (H)	10000
230741	93-BS-10413-1A	Post	Nickel Plated	93-BS-10370-1A (#230727), 93-BS-10370-2A (#230905), 93-BS-10370-1C (#230782), 93-BS-10370-2C (#230897), 93-BS-10370-3A (#230892)	9896/9897 (#248133)	1407 (#223507)	5/16 in. (H)	100
230924	93-BS-10413-2A	Post	Nickel Plated	93-BS-10370-1A (#230727), 93-BS-10370-2A (#230905), 93-BS-10370-1C (#230782), 93-BS-10370-2C (#230897), 93-BS-10370-3A (#230892)	9896/9897 (#248133)	1407 (#223507)	5/16 in. (H)	1000

Item #	Style #	Description	Finish	For Use With	Hand Tools Part #	Machine Tools Part #	Size	Standard Package
230743	93-BS-10414-1A	Post	Nickel Plated	93-BS-10370-1A (#230727), 93-BS-10370-2A (#230905), 93-BS-10370-1C (#230782), 93-BS-10370-2C (#230897), 93-BS-10370-3A (#230892)	9896/9897 (#248133)	1407 (#223507)	3/8 in. (H)	100
230926	93-BS-10414-2A	Post	Nickel Plated	93-BS-10370-1A (#230727), 93-BS-10370-2A (#230905), 93-BS-10370-1C (#230782), 93-BS-10370-2C (#230897), 93-BS-10370-3A (#230892)	9896/9897 (#248133)	1407 (#223507)	3/8 in. (H)	1000
230737	93-XB-103934-4A	Screw Stud	Nickel Plated		169N (#275504)			100
230921	93-XB-103937-2A	Screw Stud	Nickel Plated		169N (#275504)		5/8 in.	1000
230756	93-XB-103937-4A	Screw Stud	Nickel Plated		169N (#275504)		5/8 in.	100
230749	93-XB-107084-1A	Screw Stud	Nickel Plated		169N (#275504)		3/8 in.	100
230753	93-XB-107087-1A	Screw Stud	Nickel Plated		169N (#275504)		5/8 in.	100
230705	93-XB-10224-1A	Socket	Nickel Plated	93-X2-10127-1A (#230701), 93-X2-10127-2A (#230899), 93-X2-10127-1B (#230784), 93-X2-10127-2B (#230888), 93-X2-10128-1A (#230702), 93-X2-10128-2A (#230899), 93-X2-10128-1B (#230780), 93-X2-10128-2B (#230898), 93-X2-10128-3A (#230890)	164H (#248160)	1410 (#223510)		100
230901	93-XB-10224-2A	Socket	Nickel Plated	93-X2-10127-1A (#230701), 93-X2-10127-2A (#230899), 93-X2-10127-1B (#230784), 93-X2-10127-2B (#230888), 93-X2-10128-1A (#230702), 93-X2-10128-2A (#230899), 93-X2-10128-1B (#230780), 93-X2-10128-2B (#230898), 93-X2-10128-3A (#230890)	164H (#248160)	1410 (#223510)		1000
230891	93-XB-10224-3A	Socket	Nickel Plated					10000
230930	93-XB-10231-2A	Socket	Nickel Plated	93-X2-10127-1A (#230701), 93-X2-10127-2A (#230899), 93-X2-10127-1B (#230784), 93-X2-10127-2B (#230888), 93-X2-10128-1A (#230702), 93-X2-10128-2A (#230899), 93-X2-10128-1B (#230780), 93-X2-10128-2B (#230898), 93-X2-10128-3A (#230890)	164H (#248160)	1410 (#223510)		1000
230706	93-XX-10224-1A	Socket	Nickel Plated	93-X2-10127-1A (#230701), 93-X2-10127-2A (#230899), 93-X2-10127-1B (#230784), 93-X2-10127-2B (#230888), 93-X2-10128-1A (#230702), 93-X2-10128-2A (#230899), 93-X2-10128-1B (#230780), 93-X2-10128-2B (#230898), 93-X2-10128-3A (#230890)	164H (#248160)	1410 (#223510)		100
230917	93-XX-10224-2A	Socket	Nickel Plated	93-X2-10127-1A (#230701), 93-X2-10127-2A (#230899), 93-X2-10127-1B (#230784), 93-X2-10127-2B (#230888), 93-X2-10128-1A (#230702), 93-X2-10128-2A (#230899), 93-X2-10128-1B (#230780), 93-X2-10128-2B (#230898), 93-X2-10128-3A (#230890)	164H (#248160)	1410 (#223510)		1000
230727	93-BS-10370-1A	Stud	Nickel Plated	93-BS-10412-1A (#230740), 93-BS-10412-2A (#230912), 93-BS-10412-1C (#230783), 93-BS-10412-2C (#230895), 93-BS-10412-3A (#230893)	164H (#248160)	1412 (#223512)		100
230905	93-BS-10370-2A	Stud	Nickel Plated	93-BS-10412-1A (#230740), 93-BS-10412-2A (#230912), 93-BS-10412-1C (#230783), 93-BS-10412-2C (#230895), 93-BS-10412-3A (#230893)	164H (#248160)	1412 (#223512)		1000
230892	93-BS-10370-3A	Stud	Nickel Plated					10000

Item #	Style #	Description	Finish	For Use With	Hand Tools Part #	Machine Tools Part #	Size	Standard Package
230916	93-BS-10379-2A	Stud	Nickel Plated					1000
230744	93-BS-10379-4A	Stud	Nickel Plated					100
230918	93-XB-103934-2A	Stud	Nickel Plated		169N (#275504)			1000
230738	93-XX-10388-1A	Windshield Clip	Nickel Plated/ Stainless Steel Clip				3/4 in. x 9/16 in.	100
230909	93-XX-10388-2A	Windshield Clip	Nickel Plated/ Stainless Steel Clip				3/4 in. x 9/16 in.	1000
230745	93-XX-10391-1A	Windshield Clip	Nickel Plated/ Stainless Steel Clip				7/8 in. x 9/16 in.	100
230910	93-XX-10391-2A	Windshield Clip	Nickel Plated/ Stainless Steel Clip				7/8 in. x 9/16 in.	1000
230934	93-X8-103015-2A	Screw Stud	Nickel Plated/ Stainless Steel Screw		169N (#275504)		7/16 in.	1000
230764	93-X8-103015-4A	Screw Stud	Nickel Plated/ Stainless Steel Screw		169N (#275504)		7/16 in.	100
230936	93-X8-103017-2A	Screw Stud	Nickel Plated/ Stainless Steel Screw		169N (#275504)		5/8 in.	1000
230766	93-X8-103017-4A	Screw Stud	Nickel Plated/ Stainless Steel Screw		169N (#275504)		5/8 in.	100
230938	93-X8-103025-2A	Screw Stud	Nickel Plated/ Stainless Steel Screw		169N (#275504)		7/16 in.	1000
230768	93-X8-103025-4A	Screw Stud	Nickel Plated/ Stainless Steel Screw		169N (#275504)		7/16 in.	100
230939	93-X8-103027-2A	Screw Stud	Nickel Plated/ Stainless Steel Screw		169N (#275504)		5/8 in.	1000
230769	93-X8-103027-4A	Screw Stud	Nickel Plated/ Stainless Steel Screw		169N (#275504)		5/8 in.	100
230911	93-X8-103934-2A	Screw Stud	Nickel Plated/ Stainless Steel Screw		169N (#275504)		3/8 in.	1000
230739	93-X8-103934-4A	Screw Stud	Nickel Plated/ Stainless Steel Screw		169N (#275504)		3/8 in.	100
230923	93-X8-103937-2A	Screw Stud	Nickel Plated/ Stainless Steel Screw		169N (#275504)		5/8 in.	1000
230758	93-X8-103937-4A	Screw Stud	Nickel Plated/ Stainless Steel Screw		169N (#275504)		5/8 in.	100
230760	93-X8-103938-1A	Screw Stud	Nickel Plated/ Stainless Steel Screw	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XX-10224-2C (#230787), 93-XX-10224-1A (#230706), 93-XX-10224-2A (#230917), 93-XB-10224-3A (#230891)	169N (#275504)		1 in.	100
230931	93-X8-103938-2A	Screw Stud	Nickel Plated/ Stainless Steel Screw		169N (#275504)		1 in.	1000

Item #	Style #	Description	Finish	For Use With	Hand Tools Part #	Machine Tools Part #	Size	Standard Package
231117	93-X8-107044-1A	Screw Stud	Nickel Plated/ Stainless Steel Screw					100
230850	93-X8-109344-2A	Screw Stud	Nickel Plated/ Stainless Steel Screw				3/8 in.	1000
230723	93-X8-109344-4A	Screw Stud	Nickel Plated/ Stainless Steel Screw				3/8 in.	100
230851	93-X8-109347-2A	Screw Stud	Nickel Plated/ Stainless Steel Screw				5/8 in.	1000
230765	93-X8-109347-4A	Screw Stud	Nickel Plated/ Stainless Steel Screw				5/8 in.	100
230913	93-XX-103624-2A	Screw Stud	Nickel Plated/ Steel Screw		169N (#275504)		3/8 in.	1000
230713	93-XX-103624-4A	Screw Stud	Nickel Plated/ Steel Screw		169N (#275504)		3/8 in.	100
230922	93-XX-103627-2A	Screw Stud	Nickel Plated/ Steel Screw		169N (#275504)		5/8 in.	1000
230715	93-XX-103627-4A	Screw Stud	Nickel Plated/ Steel Screw		169N (#275504)		5/8 in.	100
230501	93-XN-10135-1U	Snap Cap / Open Top Button / Pilot Hole Cap	Stainless Steel					100

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231008



230667



230657

DOT® Durable™ Stainless

Item #	Style #	Description	Material	Size	Standard Package
231008	93-XN-10616-2U	Buckle	Stainless Steel		1000
230670	93-XN-10127-1U	Cap	Stainless Steel		100
231000	93-XN-10127-2U	Cap	Stainless Steel		1000
230974	93-XN-10128-2U	Cap	Stainless Steel		1000
230664	93-XN-10128-4U	Cap	Stainless Steel		100
230676	93-ZN-10127-1U	Cap	Stainless Steel	1/4 in. (H)	100
230677	93-ZN-10127-2U	Cap	Stainless Steel	1/4 in. (H)	1000
230665	93-ZN-10128-1U	Cap	Stainless Steel		100
230692	93-ZS-10413-1U	Cap	Stainless Steel	5/16 in. (H)	100
230667	93-NS-10412-1U	Post	Stainless Steel		100
230977	93-NS-10412-2U	Post	Stainless Steel		1000
230687	93-ZS-10412-1U	Post	Stainless Steel	1/4 in. (H)	100
230690	93-ZS-10412-2U	Post	Stainless Steel	1/4 in. (H)	1000
230659	93-XN-103934-1U	Screw Stud	Stainless Steel	3/8 in.	100
230970	93-XN-103934-2U	Screw Stud	Stainless Steel	3/8 in.	1000
230661	93-XN-103937-1U	Screw Stud	Stainless Steel	5/8 in.	100
230971	93-XN-103937-2U	Screw Stud	Stainless Steel	5/8 in.	1000
230969	93-XN-10224-2U	Socket	Stainless Steel		1000
230657	93-XN-10224-4U	Socket	Stainless Steel		100
230972	93-ZN-10224-1U	Socket	Stainless Steel		100

Item #	Style #	Description	Material	Size	Standard Package
230973	93-ZN-10224-2U	Socket	Stainless Steel		1000
230666	93-NS-10370-1U	Stud	Stainless Steel		100
230976	93-NS-10370-2U	Stud	Stainless Steel		1000
230983	93-ZS-10370-1U	Stud	Stainless Steel		100
230984	93-ZS-10370-2U	Stud	Stainless Steel		1000

DOT® is a registered trademark of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.



Fasnap® Rib Tree Bolster Fasteners

This 3/4 inch panel fastener with ribbed shank assures easy installation and secure hold. One ribbed end is pushed into primary panel to retain clip. Second panel is pushed down onto projecting ribbed end to complete the assembly.

Item #	Description	Standard Package
231085	3/4 in. double end clip with inner stop 1/2 in. x 7/8 in.	100

FASNAP® is a registered trademark of The FASNAP Corporation.

Fasnap® Fasteners

High rust and corrosion resistant button, normal action socket, stud, and eyelet. The button and eyelet are, in many instances, able to self-pierce through multiple layers of fabric. All four components are interchangeable with nickel-plated brass screw studs or other snap fasteners and tools, eliminating special die requirements.



231026



230960



231027



230696



231096



230691



230671



230694

Item #	Style #	Description	Finish	Standard Package	Type
231026	BN4647AR	Cap	Nickel Plated	1000	
231027	BN4647B	Socket	Nickel Plated	1000	
231096	BHST705916	Screw Stud	Nickel/Brass Stud, Stainless Steel Screw	100	1/2 in. #8 Hardened TEK® Screw
230671	BNCT705916	Screw Stud	Nickel/Brass Stud, Stainless Steel Screw	100	1/2 in. #8 TEK® Screw
230688	SSC4650AR	Button	Stainless Steel	100	
230960	SS4650AR	Cap	Stainless Steel	1000	
230767	BNSC705921	Oversized Screw Stud	Stainless Steel	100	5/8 in. #10 Screw
230968	SC4647D/SS4647D	Post	Stainless Steel	1000	
230696	SSC4647D	Post	Stainless Steel	100	
230691	SSC4650B	Socket	Stainless Steel	100	
230963	SSC4650B/SS4650B	Socket	Stainless Steel	1000	
230694	SSC4650C	Stud	Stainless Steel	100	
230966	SSC4650C/SS4650C	Stud	Stainless Steel	1000	

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DOT® Lift-The-Dot®

Featured below are styles available, complete with parts indicated. Sold only in full package lots of 100 pieces or 1000 pieces. Lift-The-Dot Fasteners are available in nickel or black oxide finish. Certain Lift-The-Dot fasteners meet Government Specification MS-27977. Strong and heavy duty, Lift-The-Dot fasteners lock on three sides and are opened by lifting the fourth side where the Dot and the Lift-The-Dot trademark appear.

Item #	Style #	Description	Finish	For Use On	For Use With	Hand Tools Part #	Height	Machine Tools Part #	Size	Standard Package
230956	90-PS-16510-29	Clear Washer		Canvas	90-XX-16205-1A (#230601), 90-XX-16205-2A (#230940), 90-XX-16205-1B (#230649), 90-XX-16205-2B (#230978), 90-BS-16506-1A (#230637), 90-BS-16506-2A (#230647), 90-BS-16506-2C (#230979)					1000
230656	90-PS-16510-49	Clear Washer		Canvas	90-XX-16205-1A (#230601), 90-XX-16205-2A (#230940), 90-XX-16205-1B (#230649), 90-XX-16205-2B (#230978), 90-BS-16506-1A (#230637), 90-BS-16506-2A (#230647), 90-BS-16506-2C (#230979)					100
230979	90-BS-16506-2C	Back Plate	Black Oxide	Canvas	90-XX-16205-1A (#230601), 90-XX-16205-2A (#230940), 90-XX-16205-1B (#230649), 90-XX-16205-2B (#230978), 90-XX-16206-1A (#230602), 90-XX-16206-2A (#230647), 90-XX-16206-2B (#230654)			1455 (#223555)		1000
230649	90-XX-16205-1B	Socket	Black Oxide	Canvas	90-BS-16506-1A (#230637), 90-BS-16506-2A (#230951), 90-BS-16506-2C (#230979), 90-PS-16510-19 (#230656), 90-PS-16510-29 (#230956)					100
230978	90-XX-16205-2B	Socket	Black Oxide	Canvas	90-BS-16506-1A (#230637), 90-BS-16506-2A (#230951), 90-BS-16506-2C (#230979), 90-PS-16510-19 (#230656), 90-PS-16510-29 (#230956)					1000
230654	90-XX-16206-2B	Socket	Black Oxide							1000
230651	90-XB-16358-2B	Stud	Black Oxide	Canvas	90-BS-16509-1A (#230638), 90-BS-16509-2A (#230952), 90-BS-16509-2C (#230652)			1456 (#223556)		1000
230652	90-BS-16509-2C	Washer	Black Oxide	Canvas	90-XB-16358-1A (#230610), 90-XB-16358-2A (#230944), 90-XB-16358-2B (#230651)					1000
230637	90-BS-16506-1A	Back Plate	Nickel Plated	Canvas	90-XX-16205-1A (#230601), 90-XX-16205-2A (#230940), 90-XX-16205-1B (#230649), 90-XX-16205-2B (#230978), 90-XX-16206-1A (#230602), 90-XX-16206-2A (#230647), 90-XX-16206-2B (#230654)					100

Item #	Style #	Description	Finish	For Use On	For Use With	Hand Tools Part #	Height	Machine Tools Part #	Size	Standard Package
230951	90-BS-16506-2A	Back Plate	Nickel Plated	Canvas	90-XX-16205-1A (#230601), 90-XX-16205-2A (#230940), 90-XX-16205-1B (#230649), 90-XX-16205-2B (#230978), 90-XX-16206-1A (#230602), 90-XX-16206-2A (#230647), 90-XX-16206-2B (#230654)	9940 (#275573)		1455 (#223555)		1000
230602	90-XX-16206-1A	Socket Long Prong	Nickel Plated	Canvas	90-BS-16506-1A (#230637), 90-BS-16506-2A (#230951), 90-BS-16506-2C (#230979), 90-PS-16510-19 (#230656), 90-PS-16510-29 (#230956)		0.275"			100
230601	90-XX-16205-1A	Socket Short Prong	Nickel Plated	Canvas	90-BS-16506-1A (#230637), 90-BS-16506-2A (#230951), 90-BS-16506-2C (#230979), 90-PS-16510-19 (#230656), 90-PS-16510-29 (#230956)					100
230940	90-XX-16205-2A	Socket	Nickel Plated	Canvas	90-BS-16506-1A (#230637), 90-BS-16506-2A (#230951), 90-BS-16506-2C (#230979), 90-PS-16510-19 (#230656), 90-PS-16510-29 (#230956)					1000
230647	90-XX-16206-2A	Socket	Nickel Plated	Canvas	90-BS-16506-1A (#230637), 90-BS-16506-2A (#230951), 90-BS-16506-2C (#230979), 90-PS-16510-19 (#230656), 90-PS-16510-29 (#230956)					1000
230608	90-BS-16349-1A	Stud	Nickel Plated	Canvas	90-BS-16501-1A (#230636)	171 (#275575)				100
230610	90-XB-16358-1A	Stud	Nickel Plated	Canvas	90-BS-16509-1A (#230638), 90-BS-16509-2A (#230952), 90-BS-16509-2C (#230652)	9940 (#275573)				100
230944	90-XB-16358-2A	Stud	Nickel Plated	Canvas	90-BS-16509-1A (#230638), 90-BS-16509-2A (#230952), 90-BS-16509-2C (#230652)	9940 (#275573)				1000
231120	90-XB-16368-1A	Stud	Nickel Plated	Canvas, Metal, Plastic	90-XX-16205-1A (#230601), 90-XX-16205-2A (#230940), 90-XX-16205-1B (#230649), 90-XX-16205-2B (#230978), 90-XX-16206-1A (#230602), 90-XX-16206-2A (#230647), 90-XX-16206-2B (#230654)	9940 (#275573)				100
230636	90-BS-16501-1A	Washer	Nickel Plated	Canvas	90-BS-16349-1A (#230608)			8042 (#275480)		100
230638	90-BS-16509-1A	Washer	Nickel Plated	Canvas	90-XB-16358-1A (#230610), 90-XB-16358-2A (#230944), 90-XB-16358-2B (#230651)					100
230952	90-BS-16509-2A	Washer	Nickel Plated	Canvas	90-XB-16358-1A (#230610), 90-XB-16358-2A (#230944), 90-XB-16358-2B (#230651)					1000
230618	90-XB-163624-1A	Screw Stud	Nickel Plated/Brass Screw	Metal		169B (#275502)			3/8 in.	100
230630	90-X8-16376-1A	Windshield Clip 3/4 in.	Nickel Plated/Stainless Steel Clip						3/4 in.	100
230633	90-X8-16377-1A	Windshield Clip 7/8 in.	Nickel Plated/Stainless Steel Clip						7/8 in.	100
230624	90-X8-163604-4A	Screw Stud	Nickel Plated/Stainless Steel Screw	Wood		169B (#275502)			3/8 in.	100

Item #	Style #	Description	Finish	For Use On	For Use With	Hand Tools Part #	Height	Machine Tools Part #	Size	Standard Package
230955	90-X8-163606-2A	Screw Stud	Nickel Plated/ Stainless Steel Screw	Wood, Metal, Plastic		169B (#275502)			1/2 in.	1000
230620	90-X8-163606-4A	Screw Stud	Nickel Plated/ Stainless Steel Screw	Wood, Metal, Plastic		169B (#275502)			1/2 in.	100
231125	90-X8-163607-1A	Screw Stud	Nickel Plated/ Stainless Steel Screw	Metal, Plastic		169B (#275502)			5/8 in.	100

DOT® and Lift-The-Dot® are registered trademarks of Scovill Fasteners, Inc.



230800

DOT® Pull-The-Dot®

The Pull-The-Dot Fastener is a side-locking snap fastener, similar to the Durable™ Glove-style fastener, except for its “built-in” locking feature. This fastener will withstand extreme pressure on three sides without unlocking, yet will release instantly on the fourth side if one “pulls the dot” embossed on one side of the button. Pull-The-Dots have no sharp edges or protrusions to tear or mar the fabric to be fastened.

Since the socket opens only on one side, care must be taken that the button and socket are set so that the fastener can be opened at the desired position.



230801



230802

Item #	Style #	Description	Finish	Standard Package
230819	92-XE-18100-A2B	Cap	Black Oxide	1000
230842	92-XX-18201-2C	Socket	Black Oxide	1000
230799	92-BS-18303-2C	Stud	Black Oxide	1000
230803	92-X8-183074-1A	Stud	Nickel Plated, Stainless Steel Screw	100
230823	92-X8-183074-2A	Stud	Nickel Plated, Stainless Steel Screw	1000
230820	92-XE-18100-A2A	Cap	Nickel	1000
230800	92-XE-18100-A4A	Cap	Nickel	100
230821	92-XX-18201-2A	Socket	Nickel	1000
230801	92-XX-18201-4A	Socket	Nickel	100
230822	92-BS-18303-2A	Stud	Nickel	1000
230802	92-BS-18303-4A	Stud	Nickel	100

DOT® and Pull-The-Dot® are registered trademarks of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.



231161

Q-Snap® Fasteners

The patented Q-Snap system is similar to the standard press-fastener, with the exception of two additional parts: a ring underneath the cloth and a hook on the deck. This combination turns the fastener into a secured connection that won't pop loose, while incorporating a stretch-function that acts as a lever. The result allows you to easily overcome the cloth tension as you fit the fastener.

Installation is like a normal press fastener, but with special tools that make it faster than other secured fasteners. There are no extra parts, thanks to smart pre-assembly.

Resistant to seawater, Q-Snap is made from high quality 316 stainless steel. The special ring spring in the socket is dimensionally stable and even more resistant to corrosion than 316 stainless steel. A thin rubber layer isolates the Q-stud to prevent tension corrosion. Above all, it is the only secured fastener without moving parts, making it very durable and robust.

Developed for covers and sprayhoods on boats, Q-Snap is an ideal solution for any application that requires textiles to be tight and secure.

Starter Kit includes: 50 Q-Caps, 50 Q-Sockets, 25 Q-Studs (including screw), 25 Q-Studs, 25 screws, 25 M4 bolts, 25 self-drilling screws, 25 eyelets, 5 blind rivets, Q-Stud holder, Q-Stud marker, 5 Q-Installation pins, 5 Q-Stud covers, hand punch set, 25 ringlets and 25 plugs.

DIY Pack includes: 10 polished Q-Caps, 10 Q-Sockets, Q-Studs with screws and hand punch tool.



231156



231147



231164



231163



231160

Item #	Style #	Description	Color	Material	Standard Package
231161	150000-10	DIY Pack			1
231155	141300-100	Fixing Blind Rivet		Stainless Steel Type 304	100
231156	140500-100	Fixing Eyelet		Stainless Steel Type 316	100
231153	140200-100	Fixing M4 Bolt		Stainless Steel Type 316	100
231154	141400-100	Fixing Self-Drilling Screw		Stainless Steel Type 304	100
231152	140100-100	Fixing Tapping Screw		Stainless Steel Type 316	100
231148	110100-100	Q-Cap Long Shaft 6.2mm	Polished	Stainless Steel Type 316	100
231142	110002-100	Q-Cap Normal Shaft 4mm	Black Matte	Stainless Steel Type 316	100
231141	110001-100	Q-Cap Normal Shaft 4mm	Black	Stainless Steel Type 316	100
231147	110007-100	Q-Cap Normal Shaft 4mm	Bordeaux Red	Stainless Steel Type 316	100
231144	110004-100	Q-Cap Normal Shaft 4mm	Grey	Stainless Steel Type 316	100
231145	110005-100	Q-Cap Normal Shaft 4mm	Khaki	Stainless Steel Type 316	100
231146	110006-100	Q-Cap Normal Shaft 4mm	Navy Blue	Stainless Steel Type 316	100
231143	110003-100	Q-Cap Normal Shaft 4mm	Pearl White	Stainless Steel Type 316	100
231140	110000-100	Q-Cap Normal Shaft 4mm	Polished	Stainless Steel Type 316	100
231164	190400-10	Q-Installation Pin			10
231165	190400-25	Q-Installation Pin			25
231149	120000-100	Q-Socket Integrated Socket and Ring		Stainless Steel Type 316	100
231166	190100-10	Q-Stud Cover	Grey		10
231167	190101-10	Q-Stud Cover	Off-White		10
231162	190200-1	Q-Stud Holder			1
231163	190300-1	Q-Stud Marker			1
231151	130100-100	Q-Stud with Tapping Screw		Stainless Steel Type 316	100
231150	130000-100	Q-Stud		Stainless Steel Type 316	100
231160	150000-1	Starter Kit			1

Q-Snap® is a registered trademark of Partnership Twello B.V.

Snapfast® System

The Snapfast fastening system offers an alternative to traditional all- metal directional fasteners. This non-corrosive directional fastening system has no moving parts and unlocks from one direction only. The sockets and studs are manufactured from heavy-duty polyacetal with a UV stabilizer. Snapfast's stainless steel pronged cap self-pierces most industrial fabrics and installs easily using hand tools.



231016



231014



231015

Item #	Style #	Description	Color	Material	Standard Package
231045	SNPFSTLA	Long Pronged Cap		Stainless Steel	100
231016	SNPFSTA	Pronged Cap		Stainless Steel	100
231014	SNPTSTB	Socket	Black	Polyacetal	100
231046	SNPFSTBW	Socket	White	Polyacetal	100
231015	SNPFSTC	Stud	Black	Polyacetal	100
231047	SNPFSTCW	Stud	White	Polyacetal	100

Snapfast® is a registered trademark of The FASNAP Corporation.



289264



289281



289284



289270

Stayput™ Fasteners

“Stayput” for a secure and corrosion free fastening solution. Stayput canvas fasteners have no springs to corrode or jam. They are manufactured from UV stabilized nylon and acetyl compounds. Originally designed for the marine market, are now used extensively in all areas of fabric fastening.

Item #	Style #	Description	Color	Standard Package
289264	87B	Attach Knob	Black	100
289265	86W	Attach Knob	White	100
289276	40W	Canvas to Canvas Double	White	100
289266	37B	Horizontal Single	Black	100
289268	37W	Horizontal Single	White	100
289281	50B	Tent Wall Hook	Black	100
289280	50W	Tent Wall Hook	White	100
289262	48B	Tent Wall J-Hook	Black	100
289263	48W	Tent Wall J-Hook	White	100
289293	71B	Ultimate Clip Back	Black	100
289292	71W	Ultimate Clip Back	White	100
289284	70B	Ultimate Shock Cord Clip	Black	100
289283	70W	Ultimate Shock Cord Clip	White	100
289270	34B	Vertical Single	Black	100
289272	34W	Vertical Single	White	100

Stayput™ is a trademark of Stayput Fasteners.



231065



231077

YKK® SNAD® Pressure Sensitive Fasteners

The YKK® SNAD® fastener is a durable, innovative snap fastener that attaches to various substrates and surfaces using a sophisticated and proven adhesive. This eliminates having to drill holes in surfaces to mount the fastener.

Item #	Style #	Description	Color	Diameter	Size	Standard Package
231071	PG1-0000-A01	Domed Socket	Black	1-9/16 in.	40 mm	100
231068	PG1-0000-839	Domed Socket	White	1-9/16 in.	40 mm	100
231108	QW9-0000-A01	Domed Stud	Black	1 in.	25 mm	100
231065	PG3-0000-A01	Domed Stud	Black	1-9/16 in.	40 mm	100
231069	PG3-0000-839	Domed Stud	White	1-9/16 in.	40 mm	100
231107	QW9-0000-839	Domed Stud	White	1 in.	25 mm	100
231078	TR5-0000-TVO	Flexible Base Socket	Clear	1 in.	25 mm	100
231077	QL7-0000-QK1	Flexible Base Stud	Black	1 in.	25 mm	100
231079	TT5-0000-TVO	Flexible Base Stud	Clear	1-9/16 in.	40 mm	100
231076	TP9-0000-TVO	Flexible Base Stud	Clear	1 in.	25 mm	100
231075	QL7-0000-PX7	Flexible Base Stud	Gray	1 in.	25 mm	100
231073	QL7-0000-QP3	Flexible Base Stud	White	1 in.	25 mm	100

YKK® and SNAD® are registered trademarks of YKK Corporation in Japan and other countries/regions.



T Nut Fastener

Item #	Style #	Finish	Material	Size	Standard Package
230980	ST29-444		Stainless Steel	1/4-20	1000
231087	T29-444	Zinc Plated	Steel	1/4-20	1000



Suction Cup

A solution to your “no hardware” needs, this giant suction cup has 60 pounds of holding power. Secures to any smooth surface. Ideal for “rack storage” boat covers.

Item #	Style #	Cord Size	Size	Standard Package	Stretch Size
251997	CT6	6 in.	3-1/2 in.	1	11 in.



Boat Top Fittings – Aluminum – Boat Cover Socket

Cast aluminum alloy. Ideal to keep boat covers from sagging. Use with Fiberglass Bow Slats to support boat cover. Two screw holes drilled for No. 8 screw.

Item #	Style #	Size	Standard Package
287820	440-22	5/8 in. height, 1-7/8 in. x 1/2 in opening, 3-1/2 in. x 7/8 in. base	10



Boat Top Fittings – Aluminum – Insert Eye End

When inserted, flange of Eye End is flush with outside of tubing. Must be secured by means of crimping tool or rivet. For use with Deck Mounting and Angle Hinges.

Item #	Style #	For	Standard Package
282146	4434-12	3/4 in. OD tube, 5/8 in. ID tube	10
282149	4436-16	7/8 in. OD tube, 3/4 in. ID tube	10



Boat Top Fittings – Aluminum – Slip Fit Eye End

With stainless steel set screw.

Item #	Style #	For	Standard Package
282142	422-3S	3/8 in. pipe	10
281105	424-4S	1/2 in. pipe, 7/8 in. OD tube	10
281104	424-4S	1/2 in. pipe, 7/8 in. OD tube	10
282143	433-7S	3/4 in. OD tube	10
282150	438-10S	1 in. OD tube	10

281104 - With square head set screw.





284047

Boat Top Fittings – Aluminum – Deck Mounting Hinge

Item #	Style #	Projection	Standard Package
284047	477-2A	3/4 in.	10
284049	478-523	1-1/8 in.	10



284049



284050

Boat Top Fittings – Aluminum – Pontoon Deck Hinge

90° aluminum deck hinge designed for use on pontoon boats with 1 inch square aluminum tubing. Made from 6063-T6 extruded aluminum with satin anodization for uniform finish. Requires a 1/4 inch diameter pull pin.

Item #	Style #	Standard Package
284050	BH76	10



287688

Boat Top Fittings – Aluminum – Jaw Slide

Equipped with stainless set screw and round head machine screw.



287650

Item #	Style #	For	Standard Package
287688	458-5042	1/2 in. pipe, 7/8 in. OD tube	10
287650	468-70J	1 in. OD tube	10



287647

Boat Top Fittings – Aluminum – Pontoon Jaw Slide

Designed for use on pontoon boats with 1 inch square aluminum tubing. Made from 6063T6 extruded aluminum with satin anodization for uniform finish. A 1/4 – 20 x 5/16 inch stainless steel socket set screw, a 1/4 – 20 stainless steel hex head shoulder bolt and a Nylok® hex nut are included.

Item #	Style #	For	Standard Package
287647	BH74	1 in. square tube	10

Nylok® is a registered trademark of Nylok, LLC.



287640

Boat Top Fittings – Aluminum – Pontoon H Bracket

Designed for use on pontoon boats with 1-1/4 inch square aluminum tubing. Includes bolt and nut.

Item #	Style #	Description	For	Standard Package
287640	34440078	Standard Thin Wall	1-1/4 in. square tube	10
287642	34440077	Tall	1-1/4 in. square tube	10



239960

Boat Top Fittings – Aluminum – Tower Clamp

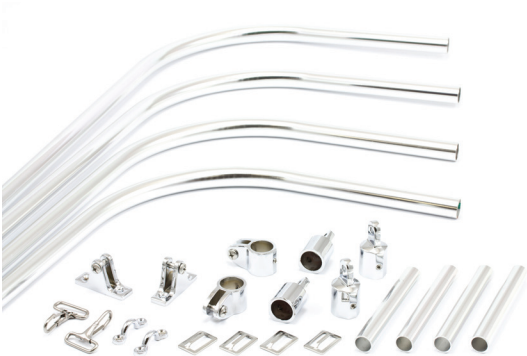
These Tower Clamps with knobs are designed for use with eye ends to attach Bimini frame hardware to a tower on large cruisers and sport fishing vessels.

Item #	Style #	Size	Standard Package
239959	200960	1-1/2 in.	10
239960	200980	2-1/8 in.	10
239961	200999	2-3/8 in.	10

Tubing – Marine – Aluminum

This bright dip anodized, drawn aluminum tubing is ideal. Ordering less than full carton is not recommended.

Item #	Style #	Description	Length	Outside Diameter	Standard Package	Wall	Weight	Weight Per Carton	Weight Per Foot
275720		Round	20 ft.	3/4 in.	54	0.058 in.		160 lbs.	0.0148 lbs.
275704		Round	20 ft.	7/8 in.	1 piece	0.058 in.	3.5 lbs.		
275714		Round	24 ft.	7/8 in.	432	0.058 in.		70 lbs.	0.1750 lbs.
275706		Round	24 ft.	7/8 in.	1 piece	0.058 in.	4.2 lbs.		
275712		Round	20 ft.	7/8 in.	360	0.058 in.		70 lbs.	0.1750 lbs.
275711		Round	20 ft.	7/8 in.	360	0.065 in.		84 lbs.	0.2100 lbs.
275719	6111-18	Round	24 ft.	7/8 in.	432	0.065 in.		92 lbs.	0.2100 lbs.
275701		Round	20 ft.	7/8 in.	1 piece	0.065 in.	4 lbs.		
275713		Round	20 ft.	7/8 in.	360	0.095 in.		110 lbs.	0.2750 lbs.
275705		Round	20 ft.	7/8 in.	1 piece	0.095 in.	5.5 lbs.		
275718	6154	Square	24 ft.	1 in.	24	0.062 in.		178 lbs.	0.2650 lbs.



205381

Bimini Bow Frames

Bow Bimini top kit (minus fabric). Comes in ready-to-assemble kit form. Packaged one boat set per box with hardware. Made with 7/8 in. outside diameter by 0.058 wall 6063, T832 hard drawn marine aluminum tubing with a brite anodized finish and joined together with inside sleeves. The fittings are chrome die-cast. The radius of the bends is 6 in. inside diameter.

Item #	Style #	Description	Material	Standard Package
205381	4850D	2 Bow Frame	Aluminum	1
205382	4851D	3 Bow Frame	Aluminum	1

Bow Slats – Fiberglass

These fiberglass bow slats have a slightly rounded edge, which reduces splinters and prevents damage to fabricated products like boat covers.

Item #	Color	Length	Standard Package
266361	Natural	6 ft.	10
266362	Natural	6-1/2 ft.	10
266363	Natural	7 ft.	10
266364	Natural	8 ft.	10
266365	Natural	10 ft.	10



286199

Boat Top Fittings – Chrome-Plated Zinc Die-Cast – Coaming Side Plate

For use on side of boat when regular hinge cannot be mounted on deck. Furnished with 1/4 inch – 28 x 3/4 inch stainless steel hinge bolt.

Item #	Style #	Standard Package
286199	898-1839	10



282186

Boat Top Fittings –
Chrome-Plated Zinc Die-
Cast – Insert Eye End

When inserted, flange of eye end is flush with outside of tubing. Must be secured by means of crimping tool or rivet. For use with Deck Mounting and Angle Hinges.

Item #	Style #	For	Standard Package
282185	1385	3/4 in. OD tube x 0.049 wall	10
282186	1836	7/8 in. OD tube x 0.049 wall	10



282177

Boat Top Fittings –
Chrome-Plated Zinc Die-
Cast – Slip-Fit Eye End

With stainless steel set screw.



282183

Item #	Style #	For	Standard Package
282177	824 HD	7/8 in. OD tube	10
282184	824-1843	7/8 in. OD tube	10
282183	833A-1842	3/4 in. OD tube	10



287890

Boat Top Fittings –
Chrome-Plated Zinc Die-
Cast – Eye Strap

Item #	Style #	Standard Package
287890	8816	10



284088

Boat Top Fittings –
Chrome-Plated Zinc Die-
Cast – Angle Hinge

10° angle, with stainless steel screw.

Item #	Style #	Projection	Standard Package
284088	887-1841	1 in.	10



284054

Boat Top Fittings –
Chrome-Plated Zinc Die-
Cast – Deck Hinge

Item #	Style #	Description	Standard Package
284054	N1846	Angle Deck Hinge – 5° with Quick Release	10



284084

Boat Top Fittings –
Chrome-Plated Zinc Die-
Cast – Deck Mounting
Hinge

Furnished with stainless steel machine screw.



284087

Item #	Style #	Projection	Standard Package
284084	878 HD	1-1/16 in.	10
284087	877	1-1/16 in.	10



287687

Boat Top Fittings –
Chrome-Plated Zinc Die-
Cast – Jaw Slide

Equipped with stainless steel set screw and machine screw.



287691

Item #	Style #	For	Standard Package
287686	865	3/4 in. OD tube	10
287687	856-1838	7/8 in. OD tube	10
287691	856 HD	7/8 in. OD tube	10
287881	86004	7/8 in. OD tube	10



287881



287839

Boat Top Fittings – Chrome-Plated Zinc Die-Cast – Boat Cover Socket

Ideal to keep boat covers from sagging. Use with Trivantage® Fiberglass Bow Slats to support boat cover. Two screw holes drilled for No. 8 screw.

Item #	Style #	Size	Standard Package
287840	740-CR180	3/8 in. height, 1-3/4 in. x 3/8 in. opening, 3-3/8 in. x 3/4 in. base	10
287839	840	1/2 in. height, 1-3/4 in. x 3/8 in. opening, 3-3/8 in. x 7/8 in. base	10

Trivantage® is a registered trademark of Glen Raven, Inc.



249205

Leather Pearl Splits

A sturdy leather fabric that is ideal for marine applications that require extra reinforcement such as cut-outs, patches, etc.

Item #	Standard Package	Weight
249205	12	~4 oz.



207608

Boat Top Fittings – Nickel-Plated Brass – Adjuster Buckle

Single bar buckle to adjust strap.

Item #	Style #	Standard Package	Webbing Size
207608	100	100	1 in.



287872

Boat Top Fittings – Nickel-Plated Brass – Eye Strap

Style No. 2816 Eye Strap is for fastening No. 142-A Snap Hook to deck. Style No. 2916 Eye Strap is for fastening No. 249-0 Snap Hook to deck.

Item #	Style #	Material	Standard Package
287870	2816	Nickel Plated Brass	10
287872	2916	Nickel Plated Brass	10



266682

Boat Top Fittings – Nickel-Plated Brass – Solid Eye Snap Hook

Item #	Style #	Description	Length	Material	Standard Package	Webbing Size
266682	249B-0		2-1/8 in.		10	
266684	248B-0	Square Eye		Nickel Plated Brass	10	1 in.

266682 - For use with 2916 Eye Strap.



266684

Boat Top Fittings – Nylon – Bimini Top Ladder Clip

Item #	Style #	Color	Size	Standard Package
289599	4330	Black	1 in.	10
289639	4330	Black	7/8 in.	10
289640	4330W	White	1 in.	10
289598	4330W	White	7/8 in.	10



289639



289607

Boat Top Fittings – Nylon – Rigid Support Clip

Item #	Style #	Color	Size	Standard Package
289607	21463	Black	7/8 in.	10



289608

Boat Top Fittings – Nylon – Vadney Clip

Used for putting screw studs on a windshield of a boat.

Item #	Style #	Color	Standard Package
289608	1178120	Black	1



289201

Boat Top Fittings – Nylon – Eye End

Item #	Style #	Color	For	Standard Package
289201	7402	White	3/4 in. OD tube	10
289202	7416	White	3/4 in. OD tube	10
289203	7417	White	7/8 in. OD tube	10
289204	7419	White	7/8 in. OD tube	10
289251	7402	Black	3/4 in. OD tube	10
289252	7416	Black	3/4 in. OD tube	10
289253	7417	Black	7/8 in. OD tube	10
289254	7419	Black	7/8 in. OD tube	10
289255	7419	Natural	7/8 in. OD tube	10



289202



289592

Boat Top Fittings – Nylon – Eye Strap

Item #	Style #	Color	Standard Package
289591	7407	White	10
289592	7407	Black	10



289091

Boat Top Fittings – Nylon – Wedge

Converts 90° deck hinges to angle hinges. Install between deck hinge and deck.

Item #	Style #	Description	Color	Standard Package
289088	401-3SB	Base Angle Oval Poly-wedge – 10°	Black	10
289092	401-3SN	Base Angle Oval Poly-wedge – 10°	Natural	10
289091	7530B	Base Angle Rectangular Wedge – 9°	Black	10
289090	7530N	Base Angle Rectangular Wedge – 9°	Natural	10



289097

Boat Top Fittings – Nylon – Curved Shim

Item #	Style #	Color	Standard Package
289097	401-S-2.36B	Black	10
289098	401-S-2.36	Silver	10



289430

Boat Top Fittings – Nylon – Hinge

Item #	Style #	Description	Color	Size	Standard Package
289342	7443B	Concave Hinge Rail	Black	7/8 in.	10
289430	7424P	Knurl Screw	Black	1/4 in. - 20 x 7/8 in.	10
289352	7405	Large Deck Hinge	Black		10
289302	7405	Large Deck Hinge	White		10
289351	7401	Small Deck Hinge	Black		10



289454



289458

Boat Top Fittings – Nylon – Jaw Slide

Item #	Style #	Color	For	Standard Package
289451	7406	White	3/4 in. OD Tubing	10
289452	7418	White	7/8 in. OD Tubing	10
289453	7406	Black	3/4 in. OD Tubing	10
289454	7418B	Black	7/8 in. OD Tubing	10
289458	7515	Black	1 in. Square Tubing	10



289362

Boat Top Fittings – Nylon – Lashing Hook

Item #	Style #	Color	Standard Package
289360	7420	White	10
289362	7420	Black	10
289394	7460B	Black	10



289460

Boat Top Fittings – Nylon – Double Wing Windshield Latch

Item #	Style #	Color	Standard Package
289460	7222B	Black	10



289610

Boat Top Fittings – Nylon – Bow Socket

Item #	Style #	Color	Standard Package
289610	7434	Black	10



289618

Boat Top Fittings – Nylon – Side Curtain Spacer

Designed to keep clear vinyl side curtains away from convertible top frames. Eliminates scratching and discoloration of vinyl curtains. Snaps over a 7/8 inch or 1 inch outside diameter tube. No tools required for assembly.

Item #	Style #	Description	Color	For	Standard Package
289618	7628	Single Spacer	White	7/8 in. OD tube	10
289619	7629	Single Spacer	White	1 in. OD tube	10
289620		Single Spacer	White	7/8 in. OD tube	10
289628	52-800	Double Spacer	Gray	7/8 in. OD tube	10



289402

Boat Top Fittings – Nylon – Mounting Plate

Item #	Style #	Description	Color	Standard Package
289402	7415	Slide Mount Plate – 2-Hole	Black	10



289089

Boat Top Fittings – Rubber Gasket

Item #	Style #	Color	Standard Package
289089	401-GB	Black	10



266343

Slide Track – Aluminum – Track

Item #	Style #	Length	Material	Standard Package
266343	6410 TM-5	14 ft.	Anodized Aluminum	14



289551

Slide Track – Nylon – Slides

Item #	Style #	Description	Color	Standard Package
289505	7408	Slide for Deck Hinge	Natural	1
289551	7408	Slide for Deck Hinge	Black	1
289553	7430	Side Mount Slide	Black	1



289102

Slide Track – Nylon – Slide Cap

Item #	Style #	Description	Color	Standard Package
289102	7404	Slide Cap Channel Trim End Cap	Black	10
289153	7429	Slide Cap Channel Trim End Insert	Black	10



289371

Slide Track – Nylon – Slide Lock

Item #	Style #	Description	Color	Standard Package
289371	7432	Slide Lock	Black	10



289354

Slide Track – Nylon – Hinge

Item #	Style #	Description	Color	Standard Package
289354	7431	Deck Hinge/Slide Combination	Black	10



154700

Mooring Pole – Aluminum “Thumb Screw”

Designed especially for boat mooring covers, the 730 Mooring Pole adjusts to 70 in. overall and collapsed measures 40-5/8 inch. Has 2-1/2 inch long swaged tip designed for No. 3 Grommet or larger. Top section is 3/4 inch O.D. x .049 wall and bottom section is 7/8 inch O.D. x .042 wall, mill finish, drawn 6063T832 aluminum tubing. Comes with crutch tip bottom to prevent marring of boat floor.

Item #	Style #	Maximum Extension	Standard Package
154700	730	5 ft. 10 in.	20



205454

Mooring Pole – Aluminum Extension

A medium range, multi-purpose support pole with interchangeable end components. Simply turn the pole extension around for a choice of either plastic injection molded end with snap stud or a molded swaged tip. Includes jointer section, adjuster screw and stainless steel internal spring button stop.

Item #	Style #	Description	Extension Bar Threaded	Standard Package
205453	4848	Black Crutch Tip	48 in. to 96 in.	10
205454	3636	Black Crutch Tip	40 in. to 70 in.	25
205458	3636	White Crutch Tip	40 in. to 70 in.	10

Support Pole – Aluminum Extension

A medium range, multi-purpose support pole with interchangeable end components. Simply turn the pole extension around for a choice of either plastic injection molded end with snap stud or a molded swaged tip.



205453

Item #	Style #	Size	Standard Package
205452	X47A-2TIP	47 in.	10
205457	X59A-2TIP	59 in.	10
205459	X70A-2TIP	70 in.	10

Nylon Pole Fittings



289625



289180



289185



289095

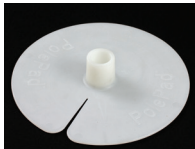


289191



289182

Item #	Style #	Description	Color	Size	Standard Package
289625	7623	Jointer Section	Black	3/4 in. - 7/8 in.	10
289185	7521B	Jointer Section	Black	7/8 in. - 1 in.	10
289187	7624	Pole End Insert with Snap	Black	7/8 in.	10
289191	PE25	Pole End Insert with Snap	Black	7/8 in.	10
289183	7621	Pole End with Stainless Steel Cap	Black	3/4 in.	10
289180	7610B	Pole Tip	Black	7/8 in.	10
289095	9518	Soft Outside End Cap	Black	7/8 in.	10
289181	7619	Vinyl Foot	Black	3/4 in.	10
289182	7620	Vinyl Foot	Black	7/8 in.	10



274823

Nylon Pole Pads

Non-slip base pole pad.

Item #	Description	Size	Standard Package
205460	Adjustable	7/8 in.	1
274823	Non-adjustable	7/8 in.	10

Tip – Rubber

Eliminates damage or wear on fabric end curtains of patio awning where a Tie-Down Bar is used. Slips over ends of pipe used on roller curtains, to prevent end of pipe from chafing side of house. Can also be used on mooring poles to prevent marring boat floor.



274819

Item #	Style #	Description	Color	For	Standard Package
476095	18	Tip with Stud	White	3/4 in. tubing	1
274817	17	Tip	Black	5/8 in. tubing, 3/8 in. pipe	10
274819	19	Tip	Black	7/8 in. tubing, 1/2 in. pipe	10
274815	18	Tip	White	3/4 in. tubing	10
274816	17	Tip	White	5/8 in. tubing, 3/8 in. pipe	10
274818	19	Tip	White	7/8 in. tubing, 1/2 in. pipe	10



207620

Boat Top Fittings – Stainless Steel Type 304 – Adjuster Buckle

Item #	Style #	Description	Standard Package	Webbing Size
207620	300	Adjuster Buckle Single Bar	10	1 in.



260450

Boat Top Fittings – Stainless Steel Type 304 – Dee Ring

Item #	Style #	Description	Size	Standard Package	Thickness
260450	127-20-70816	Welded	1 in.	10	
260456	SS-0150	Welded	1-1/2 in.	10	0.197 inches
284235	SS-563-1	Welded	1 in.	10	



284074



284075



284077

Boat Top Fittings – Stainless Steel Type 303/304 – Pull Pin

Item #	Style #	Description	Material	Standard Package
284074	C3-10R-303	Pull pin with 3/16 inch diameter pin, 1-3/8 inch pin length, 1 inch inner ring handle, and 2-5/16 inch overall length.	Stainless Steel Type 303	10
284075	74-7-303	Pull pin with 1/4 inch diameter pin, 3/4 inch grip, 1 inch ring handle, and 6 inch nylon-coated, stainless steel lanyard with 1-1/4 inch stainless steel tab.	Stainless Steel Type 303	10
284077	1815-1	Pull pin with 1/4 inch diameter flip type pin and 1-1/8 inch ring; pin includes stainless steel wire outer spring guard for flip.	Stainless Steel Type 304	10
284097	1815-1, 1817-1	Pull pin with 1/4 inch diameter flip type pin, 1-1/8 inch ring and 6 inch plastic coated, stainless steel lanyard with 1-1/4 inch stainless steel tab; pin includes stainless steel wire outer spring guard for flip.	Stainless Steel Type 304	10



284060

Boat Top Fittings – Stainless Steel Type 304 – Lift Ring

Item #	Style #	Description	Standard Package
284060	F16-1812	Flush Mount Lift Ring	10



263930



263914

Boat Top Fittings – Stainless Steel Type 304 – Hinge/Set Screw

Item #	Description	Standard Package	Threaded For Size
263930	Cup Point Set Screw 3/16 in.	10	1/4 - 28
263914	Machine Screw for #356/357 Jaw Slides	10	1/4 - 20
263915	Machine Screw for #387 Angle Hinge	10	1/4 - 20
263918	Machine Screw for #398 Side Deck Plate	10	1/4 - 20



266683

Boat Top Fittings – Stainless Steel Type 304 – Snap Hook

Item #	Style #	Description	Length	Material	Standard Package	Webbing Size
266683	990SS	Steel Wire Snap	2-1/8 in.	Stainless Steel	100	1 in.



282172



282173

Boat Top Fittings – Stainless Steel Type 316 – Eye End

Item #	Style #	Description	For	Standard Package
282172	324	Eye End	7/8 in. OD tube	10
282132	324-88313	Eye End	7/8 in. OD tube	10
282173	338	Eye End	1 in. OD tube	10
282133	338-88314	Eye End	1 in. OD tube	10
284257	88328	Eye End with Double Set Screw	1-1/4 in. OD tube	10



282210



282211



282214

Boat Top Fittings – Stainless Steel Type 316 – Ball Eye End

Item #	Style #	Description	For	Standard Package
282209	F11-0177A	Ball Eye End For Pop Rivet	7/8 in. OD tube	10
282210	F11-0177S	Ball Eye End For Set Screw	7/8 in. OD tube	10
282211	F11-0180S	Ball Eye End – 90°	7/8 in. OD tube	10
282214	F12-0181S	Ball Eye End	1 in. OD tube	10



282171



282175

Boat Top Fittings – Stainless Steel Type 316 – Counter Bore Eye End

Item #	Style #	Description	For	Standard Package
282171	324	Counter Bore Eye End without Set Screw	7/8 in. OD tube	10
282175	333	Counter Bore Eye End without Set Screw	3/4 in. OD tube	10



282176



282179



282187

Boat Top Fittings – Stainless Steel Type 316 – Humpback Eye End

Item #	Style #	Description	For	Standard Package
282176	324	Humpback Eye End	7/8 in. OD tube	10
282179	338	Humpback Eye End	1 in. OD tube	10
282187	8208	Humpback Eye End with 2 Double Set Screws	1-1/4 in. OD tube	10
282139	88396	Humpback Eye End with Double Set Screw	7/8 in. OD tube	10
282140	88397	Humpback Eye End with Double Set Screw	1 in. OD tube	10



282178

Boat Top Fittings – Stainless Steel Type 316 – Insert Eye End

Item #	Style #	Description	For	Standard Package
282178	324I	Eye End Insert	7/8 in. OD tube	10
282180	338I	Eye End Insert	1 in. OD tube	10



284276



284216



287874

Boat Top Fittings – Stainless Steel Type 316 – Eye Strap

Item #	Style #	Description	Drilled For	Height	Length	Standard Package
287875	3816	Eye Strap	0.208/0.198 in. Hole, 82° countersink			10
284276	88545	Eye Strap	#10 screw	5/8 in.	1-7/8 in.	10
284216	88542	Formed Eye Strap	#8 screw	1/2 in.	1-7/8 in.	10
287874	3716	Heavy Duty Eye Strap	0.200 in. Hole			10



284262

Boat Top Fittings – Stainless Steel Type 316 – Grab Handles

For use with 7/8” stainless steel tubing. Comes packaged with 2 handles per package.

Item #	Style #	Description	For	Standard Package
284262	9114665	Bimini/Dodger Adjustable Grab Handles	7/8 in. tubing	Pack of 2

Boat Top Fittings - Stainless Steel Type 316 - Hinge/Set Screw

Item #	Style #	Description	Size	Standard Package	Threaded For Size
284282	88338	Cone Point Allen Drive Set Screw	3/16 in.	100	1/4 - 28



284207



284076

Boat Top Fittings – Stainless Steel Type 316 – Angle Hinge

Item #	Style #	Description	Drilled For	Panhead Screw	Projection	Size	Standard Package
284207	230	Angle Hinge with Screw	#10 screw	1/4 - 20		3/4 in. x 2 in.	10
284073	387QR	Angle Hinge without Pin – 10° (1/4 in. drilled hole)	#10 screw	1/4 - 20	1 in.	7/8 in. x 2 in.	10
284208	233	Angle Hinge without Screw (1/4 in. drilled hole)	#10 screw			3/4 in. x 2 in.	10
284071	387	Angle Hinge – 10°	#10 screw	1/4 - 20	1 in.	7/8 in. x 2 in.	10
284076	886	Universal Deck Hinge – 90°	1/4 in. screws	M6 x 1	7/8 in.	1 in. x 2-1/8 in.	10



284086



284209



284210

Boat Top Fittings – Stainless Steel Type 316 – Concave Hinge

Item #	Style #	Description	Drilled For	Projection	Size	Standard Package
284086	386R	Concave Hinge	#10 screw	1-1/4 in.	3/4 in. x 2-7/16 in.	10
284209	88321	Concave Hinge with 1/4 in. Bolt	#10 screw	1-3/8 in.	7/8 in. x 2 in.	10
284210	88321N	Concave Hinge without Pin	#10 screw	1-3/8 in.	7/8 in. x 2 in.	10

Boat Top Fittings – Stainless Steel Type 316 – Socket



284120



284123

Item #	Style #	Description	Standard Package
284124	F13-0242/244BN	Concave Hinge Socket with Lanyard	10
284132	F13-1095P	Concave Socket Hinge with D-Ring – Port	10
284133	F13-1095S	Concave Socket Hinge with D-Ring – Starboard	10
284120	F13-0241/244BN	Deck Hinge Socket with Lanyard	10
284123	F13-0301/244BN	Hinge Socket with Lanyard	10



284083



284082



282134



284206



284059

Boat Top Fittings – Stainless Steel Type 316 – Deck Hinge

Item #	Style #	Description	Drilled For	Panhead Screw	Projection	Size	Standard Package
284083	401-07	Bimini Quick Release Deck Hinge	#10 screw		1 in.	1-3/16 in. x 3-1/2 in.	10
284102	415	Bimini Quick Release Deck Hinge			1.3 in.	3.6 in.	10
284130	F13-1085P	Deck Hinge with D-Ring Port					10
284131	F13-1085S	Deck Hinge with D-Ring Starboard					10
284082	378QR	Deck Hinge without Pin (1/4 in. drilled hole)	#10 screw		1-1/8 in.	7/8 in. x 2 in.	10
282134	88320N	Deck Hinge without Pin – 90° (1/4 in. drilled hole)	#10 screw			3/4 in. x 2 in.	10
284206	88320	Deck Hinge – 90°	#10 screw	1/4 - 20		3/4 in. x 2 in.	10
284059		Heavy Duty Adjustable Deck Hinge – 90°	1/4-20 screw		1-1/2 in.		10
284259	88320-3	High Profile Deck Hinge	#10 screw	5/16 in. flush head screw	3 in.	1 in. x 2 in.	10
284070	378	Straight Deck Hinge	#10 screw	1/4 - 20	1-1/8 in.	7/8 in. x 2 in.	10



284091

Boat Top Fittings – Stainless Steel Type 316 – Post

Item #	Style #	Description	Size	Standard Package
284091	401-P-07	Bimini Quick Release Deck Hinge Post	5/8 in.	10
284109	401-P-07	Bimini Quick Release Deck Hinge Post	1/2 in.	10



284265

Boat Top Fittings – Stainless Steel Type 316 – Locking Rail Hinge

Item #	Style #	Description	For	Standard Package
284265	9027204	Locking Rail Hinge with Quick Release Pin	7/8 in. OD tube	10
284270	9027202	Locking Rail Hinge with Quick Release Pin	1 in. OD tube	10
284278	200297	Locking Rail Hing with Push Button Release	7/8 in. OD tube	10



286170

Boat Top Fittings – Stainless Steel Type 316 – Side Deck Plate Hinge

Item #	Style #	Description	Bolt Size	Drilled For	Size	Standard Package
286170	398	Side Deck Plate – 2-Hole	1/4 in. - 20	#10 screw	7/8 in. x 2 in.	10
286172	388	Side Deck Plate – 4-Hole	1/4 in. - 20 Phillips			100
286173	388	Side Deck Plate – 4-Hole	5/16 in. Hex			100



289325

Boat Top Fittings – Stainless Steel Type 316 – Side Mount Hinge

Item #	Description	For	Standard Package
289324	Sliding Side Mount Hinge	1-1/4 in. OD tube	10
289325	Sliding Side Mount Hinge	7/8 in. OD tube	10
289326	Sliding Side Mount Hinge	1 in. OD tube	10
289323	Split Side Mount Hinge	1-1/4 in. OD tube	10
289328	Split Side Mount Hinge	1 in. OD tube	12



287876

Boat Top Fittings – Stainless Steel Type 316 – Lashing Hook

Item #	Style #	Description	Size	Standard Package
287876	89010	Lashing Hook with two 3/16 inch holes.	1 in. x 1-1/4 in.	10



287655

Boat Top Fittings – Stainless Steel Type 316 – Double-Sided Jaw Slide

Item #	Style #	Description	For	Standard Package
287655	88317-2	Double Sided Jaw Slide	1 in. OD tube	10



284268

Boat Top Fittings – Stainless Steel Type 316 – Hinged Jaw Slide

Item #	Style #	Description	For	Standard Package
284267	8731442	Hinged Jaw Slide with Allen Set Screw	7/8 in. OD tube	10
284268	8731443	Hinged Jaw Slide with Allen Set Screw	1 in. OD tube	10
284269	8731447	Hinged Jaw Slide with Allen Set Screw	1-1/4 in. OD tube	10



226947

Boat Top Fittings – Stainless Steel Type 316 – Rail

Item #	Description	For	Standard Package
226947	Locking Hinged Jaw Slide	1 in. OD tube	10
226948	Locking Hinged Jaw Slide	1-1/4" OD tube	10



287660

Boat Top Fittings – Stainless Steel Type 316 – Humpback Jaw Slide

Item #	Style #	Description	For	Standard Package
287660	8211	Humpback Jaw Slide with 2 Set Screws	1-1/4 in. OD tube	10
282137	88398	Humpback Jaw Slide with 2 Set Screws	7/8 in. OD tube	10
282138	88399	Humpback Jaw Slide with 2 Set Screws	1 in. OD tube	10
287657	356	Humpback Jaw Slide	7/8 in. OD tube	10
287659	368	Humpback Jaw Slide	1 in. OD tube	10



287657



287652

Boat Top Fittings – Stainless Steel Type 316 – Jaw Slide

Item #	Style #	Description	For	Panhead Screw	Standard Package
287652	356	Jaw Slide with 1/4-28 Set Screw	7/8 in. OD tube	1/4 - 20	10
287653	368	Jaw Slide with 1/4-28 Set Screw	1 in. OD tube	1/4 - 20	10
282135	356-88316	Jaw Slide without Set Screw	7/8 in. OD tube	1/4 - 20	10
282136	356-88317	Jaw Slide without Set Screw	1 in. OD tube	1/4 - 20	10



282136



284258

Boat Top Fittings – Stainless Steel Type 316 – Heavy-Duty Jaw Slide

Item #	Style #	Description	For	Standard Package
284258	88329	Heavy Duty Jaw Slide with 2 Set Screws	1-1/4 in. OD tube	10



284255

Boat Top Fittings – Stainless Steel Type 316 – Jaw Slide For Pop Rivet

Item #	Style #	Description	For	Standard Package
284255	F11-1001	Jaw Slide Socket For Pop Rivet	7/8 in. OD tube	10



287635



287636

Boat Top Fittings – Stainless Steel Type 316 – Socket Jaw Slide

Item #	Style #	Description	For	Standard Package
287635	F11-1001AS	Jaw Slide Socket with Set Screw	7/8 in. OD tube	10
287636	F12-0300S	Jaw Slide Socket with Set Screw	1 in. OD tube	10



284215

Boat Top Fittings – Stainless Steel Type 316 – Adjuster Buckle

Item #	Style #	Description	For	Standard Package
284215	9114706	Web Adjuster Buckle with Recessed Base	1 in. OD tube	10



284126

Boat Top Fittings – Stainless Steel Type 316 – Pull Pin

This Pull Pin features a 1-1/2 inch length by 1/8 inch diameter, a 1 inch Pull Knob and 3 inch Lanyard.

Item #	Style #	Standard Package
284126	F13-0244BN	10



284217



284220



284221

Boat Top Fittings – Stainless Steel Type 316 – Quick Release Pin

Item #	Style #	Description	Standard Package
284217	88546	Quick Release Pin (1/4 in. diameter, 7/8 in. grip)	10
284218	88547	Quick Release Pin (1/4 in. diameter, 7/8 in. grip) w/Tab and 6" Nylon-Coated Stainless Steel Cable	10
284220	88551	Quick Release Pin (1/4 in. diameter, 1 in. grip) w/DCAM-S Ring	10
284221	88548	Quick Release Pin (1/4 in. diameter, 3/4 in. grip) w/DCAM-S Ring and 6" Nylon-Coated Cable	10



284203

Boat Top Fittings – Stainless Steel Type 316 – Push Button

Item #	Style #	Description	Standard Package
284203	89008	Push Button	10



226965



284281

Boat Top Fittings – Stainless Steel Type 316 – Snap Hook

Item #	Style #	Description	For	Length	Standard Package	Webbing Size
226965	89007	Fast Eye Heavy Duty Snap Hook	1 in. OD tube	2 in.	10	1 in.
266687	249SS-0	Snap	3/8 in. OD tube	2-1/8 in.	10	3/8 in.
284281	8928263	Heavy Duty Snap Hook	1 in. OD tube		10	



226940

Boat Top Fittings – Stainless Steel Type 316 – Side Mount with Concave Base

Item #	Description	Standard Package
226940	Side Mount – 90°	10
226941	Side Mount – 75°	10



226929

Boat Top Fittings –
Stainless Steel Type 316
– Plug

Item #	Style #	Description	For	Standard Package
226929	88303	Bullet End Plug	7/8 in. OD tube	10



282216

Boat Top Fittings –
Stainless Steel Type 316
– Elbow Eye End

Item #	Style #	Description	For	Standard Package
282216	88310	Elbow – 90°	1 in. OD tube	10



226922

Boat Top Fittings –
Stainless Steel Type 316
– Slip Tee

Item #	Description	For	Standard Package
226920	Slip Tee – 90°	7/8 in. OD tube	10
226922	Slip Tee – 90°	1 in. OD tube	10



226921

Boat Top Fittings –
Stainless Steel Type 316 –
Hinged Tee

Item #	Description	For	Standard Package
226921	Hinged Slip Tee – 90°	7/8 in. OD tube	10



208340

Boat Top Fittings – Stainless Steel –
Push Button

Item #	Style #	Material	Size	Standard Package
208340	II-132	Stainless Steel	1/4 in.	10



286167

Boat Top Fittings –
Stainless Steel Type 316
– Coaming Pad Hook and
Eye Set

This coaming pad hook and eye set (clip) is a two-part design made of high quality type 316 stainless steel. Due to the low-profile design, the clip does not require large mounting holes in a bolster substrate. Clips are sold as a set, and include both components to make for easy upholstery installation and removal.

Item #	Style #	Material	Standard Package
286167	CPHE57	Stainless Steel Type 316	1



255216

Boat Top Fittings –
Stainless Steel – Bolster
Clip

Item #	Style #	Material	Size	Standard Package
255216	F16-0094	Stainless Steel	3 in.	1



275735

Tubing – Marine – Stainless Steel Type 304

For convertible boat tops and boat railings. Available from 7/8 inch to 1-1/4 inch O.D. with 16 and 18 gauge wall thicknesses. This tubing is tig welded, polished, buffed and paper sleeved. Sold in full lengths only.

Item #	Length	Outside Diameter	Standard Package	Wall	Weight
275735	20 ft.	1 in.	1 piece	0.065 in.	13 lbs.
275737	24 ft.	1 in.	1 piece	0.049 in.	12 lbs.
275736	24 ft.	1 in.	1 piece	0.065 in.	16 lbs.
275739	20 ft.	1-1/4 in.	1 piece	0.065 in.	20 lbs.
275738	24 ft.	1-1/4 in.	1 piece	0.065 in.	24 lbs.
275733	20 ft.	7/8 in.	1 piece	0.049 in.	5 lbs.
275731	20 ft.	7/8 in.	1 piece	0.065 in.	5 lbs.
275732	24 ft.	7/8 in.	1 piece	0.065 in.	6 lbs.
275734	24 ft.	7/8 in.	1 piece	0.049 in.	6 lbs.



275741

Tubing – Marine – Stainless Steel Type 316

For convertible boat tops and boat railings. This tubing is tig welded, polished, buffed and paper sleeved. Sold in full lengths only.

Item #	Length	Outside Diameter	Standard Package	Wall	Weight
275740	20 ft.	1 in.	1 piece	0.065 in.	13 lbs.
275741	24 ft.	1 in.	1 piece	0.065 in.	15 lbs.

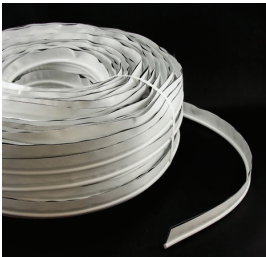


578131

Keder – Marine

Made from a unique, heavy-duty polyester fabric welded to a solid PVC cord. It is easy to sew and won't tear out. It easily slides through Flex-A-Rail and various PVC and aluminum track.

Item #	Style #	Description	Color	Put Up	Size
578131			Black	109 yd.	7.5 mm
578134	C7420		Black	109 yd.	8.5 mm x 20 mm
578130			White	109 yd.	7.5 mm
578107	11.0830.11		White	110 yd.	8.5 mm
578133	C7420		White	109 yd.	8.5 mm x 20 mm
578103	12.0830.11	Double Tongue	White	110 yd.	8.5 mm
578111	13.0722.19	Welded Tongue	Black	110 yd.	7.5 mm
578105	13.0820.19	Welded Tongue	Black	110 yd.	8.5 mm
578106	13.0720.11	Welded Tongue	White	110 yd.	7.5 mm
578104	13.0820.11	Welded Tongue	White	110 yd.	8.5 mm



578137

Keder – Tent

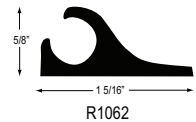
Keder is designed specifically for use in outdoor tensile structures where strength and resistance to the elements are critical. Made from a unique, heavy-duty polyester fabric welded to a solid PVC cord. It is easy to sew and won't tear out.

Available to ship by LTL only.

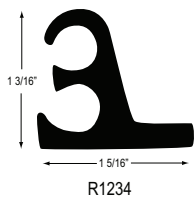
Item #	Color	Put Up	Size
578137	Panama with Blackout	218 yd.	11 mm x 40 mm
578136	White with Blackout	218 yd.	13 mm x 40 mm
578135	White	218 yd.	13 mm x 40 mm



251028



251051



251058

Track – PVC

This rigid PVC molding is UV resistant, non-corrosive, non-rusting and can be used in or on salt water. Can be shaped very easily. Will crack under extremely cold conditions.

Sold in full lengths only.

Item #	Style #	Description	Color	Degree of Channel	Flange Size	Length	Standard Package	Weight Per Foot
251026	1445		White	90°	0.610 in.	18 ft.	270	0.15 lbs.
251028	333		White	90°	0.610 in.	8 ft.	120	0.15 lbs.
251051	R1062		White	45°	0.500 in.	8 ft.	8	0.185 lbs.
251052	R1062		White	45°	0.500 in.	14 ft.	14	0.185 lbs.
251057	R1338	Double Ceiling Molding	White			8 ft.	80	0.2451 lbs.
251058	R1234	Double Wall Molding	White		0.500 in.	8 ft.	8	0.325 lbs.



578060

Track – Costa Track®

Costa Track is a center mount track with a heavy-duty PVC profile that maximizes load capability for large covers, bimini and track-to-track enclosures. It is pre-drilled every four inches, and can be heat-formed to most radiuses. Its large channel opening allows use of stainless steel #6 oval head screws for more secure attachment. The deep screw trough base design allows for use of 8.5mm Keder with sufficient clearance of screw heads.

Costa Track is designed with a pocketed underside to accommodate Double-Faced Foam Pressure Sensitive Tape, which is used to set and seal the track to the mounting surface before being secured with the screws.

Item #	Description	Color	Length	Standard Package	Type
578060	UVR Heavy Duty Vinyl	White	8 ft.	8	Flat
578061	UVR Heavy Duty Vinyl	White	16 ft.	16	Flat
578063	UVR Heavy Duty Vinyl	Off-White	16 ft.	16	Flat
578066	UVR Heavy Duty Vinyl	Off-White	16 ft.	16	Contoured
578067	UVR Heavy Duty Vinyl	White	16 ft.	16	Contoured

Costa Track® is a registered trademark of Costa Marine Canvas and Enclosures.

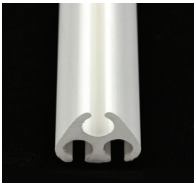


284246

Track – Costa Track® End Cap

This polished end cap gives a professional finish to your Costa Track® track installation while protecting the PVC opening from being “burned out” by taking the keder in and out of the track. Not applicable for contoured Costa Track.

Item #	Style #	Height	Length	Material	Standard Package	Width
284246	501354800	3/4"	1"	Stainless Steel Type 316	1	3/4"



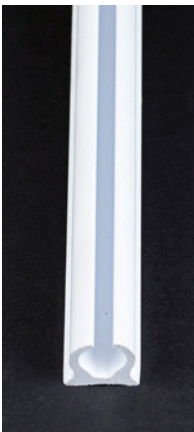
578069

Track – Three Channel – PVC

This white PVC Three Channel Track is designed to extend double track capabilities to locations where fasteners are not available, or when track cannot be mounted to a boat, such as the crown on a hardtop, and cross sections of fabric or stainless steel rods. This track can be used with Trivantage® 8.5 mm Keder.

Item #	Style #	Color	Length	Put Up	Standard Package
578069	0773	White	12 ft.	12 ft.	12

Trivantage® is a registered trademark of Glen Raven, Inc.



578019

Track – Flex-A-Rail

Flex-A-Rail provides quick and easy installation of boat windshields, tops, covers and curtains.

A PVC extrusion, Flex-A-Rail is non-corrosive and can be run around tight corners without the use of crimping tools. Only small amounts of heat are needed to bend or straighten. Designed for use of 7.5mm Keder. Pre-drill holes just slightly larger than the shank of the screw (screw item# 265453, screw hex driver item# 265452). Holes should be 2 inches to 2-1/2 inches apart for tight radiuses, and 4 inches to 8 inches apart depending upon the configuration of the mounting surface.

Item #	Style #	Description	Color	Length	Size	Standard Package
578019	180-2-W	UVR Vinyl	White	180 in.	7.5 mm	50
578018	90-2-B	UVR	Black	90 in.	7.5 mm	100
578017	90-2-W	UVR Vinyl	White	90 in.	7.5 mm	100



265452



265453

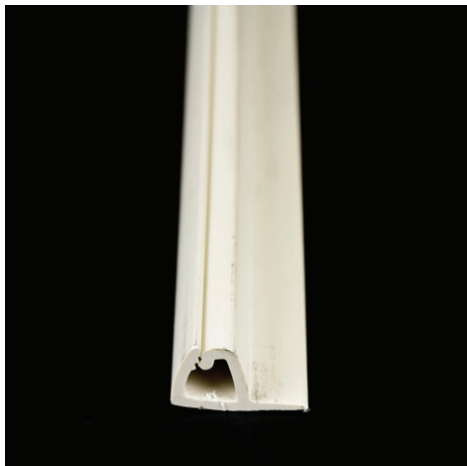


265454

Track – Trim Screws

For use with PVC and aluminum track.

Item #	Description	Material	Size	Standard Package
265452	Hex Driver for Trim Screw (#265453)			1
265453	Hex Head Trim Screw	Stainless Steel	#6 x 3/4" x #4 head, #0 square drive	1
265450	Phillips Head Trim Screw	Stainless Steel	#6 x 3/4" x #4 pan head	1
265454	Phillips Head Trim Screw	Stainless Steel	#6 x 5/8" x #4 head	1



Track – Headliner

Headliner track is an efficient and cost effective way to install or replace headliners. With Headliner Track, there is no need for staplers or trim strips, and fabricators no longer need to work in enclosed spaces using toxic adhesives and heavy foam backed fabrics.

Headliner Track also makes it possible to replace damaged headliners or work on parts of the boat which were previously not accessible without damaging or rebuilding the entire headliner. Headliner Track allows you to simply pull the fabric out of the track and put it back when the work is done.

Headliner Track is available in two profiles. The Perimeter track is used for the outside edge of a cabin ceiling and the Mid-Wall track is used as an intermediate attachment of the headliner fabric's seams and centerlines. Attached with screws, Headliner Track can be easily mitered for clean corners or slotted for gradual bends and curves.

Item #	Description	Length	Standard Package
578070	Perimeter Track	18 ft.	18
578071	Mid-Wall Track	18 ft.	18



275454



275455

Track – Headliner – Tools

Four custom Headliner track tools make fabric installation a snap. Each tool is lightweight and ergonomically designed with textured, non-slip surfaces. Tools include a 45-degree angle short run tool for tight spaces at close angles; a curved edge tool and straight edge tool for straight runs of short distance; and a nine-inch pizza cutter for long runs of either the Perimeter or Mid-Wall Track.

Item #	Description	Standard Package
275457	Bend Tool – 45°	1
275456	Curved Edge Tool	1
275454	Pizza Cutter Tool	1
275455	Straight Edge Tool	1



277543

Boat Vent 3

Boat Vent 3 is an improved version of Boat Vent II, which made its name in the marine industry by preventing the growth of mold and mildew on covered boats. Made from a high UV-inhibited plastic, improvements include 40% more venting, an overhanging top to deter moisture, 30 washer teeth for better grip and an ergonomic reversible nut for easy installation.

Item #	Color	Standard Package
277543	Black	1



277541

Boat Vent II

A plastic cover support and venting device for use with 3/4 inch or 7/8 inch mooring poles. Designed to distribute a greater volume of exhaust air while closing the top-to-bottom gap that keeps rain out. Suitable for all types of fabric. Unique design eliminates the need for screws, saving time.

Item #	Color	Standard Package
277541	Black	1



277544



277663

Boat Vents

Venting caps for covered marine craft. Designed to prevent mold and mildew growth.

Item #	Style #	Description	Color	Size	Standard Package
277544		Sewable Vented Pole Cap	Black		1
277546	45771	Sewable Vented Pole Cap Installation Tool			1
277663		Boat Vent Aero Sew In Vent with Screen	Black	1-1/2 in. (H) x 5 in. (W) x 6-1/8 in. (L)	1

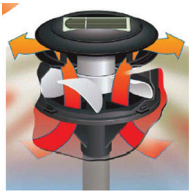


277540

Boat Vent Circle Cutter

Convenient circle cutter allows a hole to be cut in a matter of seconds, for quick and easy installation of the Boat Vent device into fabric. Simply place the cutter in position on the canvas where your Boat Vent is going to sit, press down, and rotate the handle clockwise. One complete revolution provides the perfect 2-1/4" hole for Boat Vent II or a 2-4/5" hole for Boat Vent 3. Using the circle cutter will save time and prevent costly mistakes. The one-of-a-kind device guarantees cutting at least 2,500 holes without dulling. You can use this circle cutter with Boat Vent II or Boat Vent 3 just by switching the blade around.

Item #	Description	Standard Package
277540	Boat Vent Circle Cutter	1
277542	Boat Vent Circle Cutter Replacement Blade	1



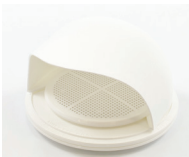
277550

Vent-Sol-Air™

Vent-Sol-Air uses a solar-powered fan to circulate air under tented boat covers, which fights mold and mildew, and maintains the appearance of a boat's interior.

Vent-Sol-Air mounts to the pole of tented boat covers and installs in minutes. Its sealed, water-resistant design is constructed of tough-plastic for marine-grade durability. Vent-Sol-Air taps the natural power of the sun without using batteries or power cords.

Item #	Standard Package
277550	1



277501

Ventilator – Airlette®

Installs in seconds without the aid of hardware or adhesives, by "snapping" into place with an assured water-tight seal. The Airlette Ventilator automatically self-adjusts to fit any material up to 1/8 inch thick. Its hood rotates 360° and can be detached for easy storage.

Item #	Style #	Color	Standard Package
277501	BSA-2	White	1

Airlette® is a registered trademark of Airlette Manufacturing Corporation.



274811

HANGTYTE Boat Cover System

HANGTYTE is a boat cover suspension system that works with all covers, eliminating the need for poles. The rope ratchet system can be looped over a boat's tower or any overhead structure. Once tightened, HANGTYTE keeps the cover taut and leaves no chance for pooling of water on the cover.

Depending on the size of your boat, you may need one to three HANGTYTE units. One unit for boats 21-foot and under (cockpit), two units for boats in the 22 to 23-foot range (one in the bow, one in the cockpit) and for boats 24-foot and larger, 3 units (one in the bow, two in the cockpit).

Item #	Style #	Standard Package
274811	60901-0000	1



251913

Needle – Sail

Item #	Style #	Finish	Length	Material	Standard Package	Type
251916	16	Nickel Plated	2-3/8 in.	Steel	25	Standard
251913	13	Nickel Plated	3 in.	Steel	1	Standard
251706	501	Nickel Plated	6 in.	Steel	1	Curved



254501

Sailmaker's Palm

Riveted sailmaker's palm with rawhide covered thimble.

Item #	Style #	Standard Package
254501	1	1



254709

Pencil – Fabric Marking

For clear, easy marking of fabrics:

254711 Black graphite pencil designed for use for shop notes, drawings and writing on hard surfaces. Can be used for light use on white fabric, but may be difficult to remove from woven fabrics.

254706 White marking “spit” pencil has a soft lead and is designed for use on a variety of woven and vinyl fabric. Markings are best removed with a wet cloth.

254709 White marking “spit” pencil has a firmer element than the standard “spit” pencil. Designed for use on a variety of fabrics, including clear vinyl. Markings are best removed with a wet cloth.

254710 Soft yellow marking pencil designed for a variety of fabrics, from wovens to vinyls. Care should be taken to avoid marking too hard, as the yellow compound can be hard to remove. At a minimum, markings can be removed with a damp cloth, but heavier markings may require soap and water. Use with acrylic fabrics should be avoided.

Item #	Description	For	Standard Package
254711	Black Graphite	White fabrics (any type)	72 pencils/box
254706	White Hex Untipped Projection Lead	Clear vinyl, vinyl laminates, vinyl coated polyester and nylon	144 pencils/box
254709	White Lead 1256 "Spit Pencil"	Vinyl, acrylic and woven fabrics	72 pencils/box
254710	Yellow Lead	Vinyl and acrylic fabrics	72 pencils/box

Trivantage® is a registered trademark of Glen Raven, Inc.



255208

Pins – T

Used to secure fabric and make pattern before sewing. A very helpful aid when doing complex custom work, such as a boat top.

Item #	Style #	Length	Material	Put Up	Standard Package
255208	32	2 in.	Steel	1/2 lb. box	1 pound box



255215

Pins – Upholstery

Item #	Style #	Material	Size	Standard Package
255215	190	Steel	3 in.	1 gross



200795

Anchor – Pool Cover

The No. 50 deluxe brass anchor remains flush with the pool deck when not in use, and is highly corrosion resistant. It allows the cover to be easily and securely installed by unscrewing the bolt to receive “S” hooks on a rubber tie, a rubber tie hole, or the rounded ring end of the stainless steel spring. There are no threads to strip at the top of the bolt.

For use with Spring – Pool Cover (Item no. 200797).

Item #	Style #	Description	Material	Standard Package
200795	50	Pool Anchor	Brass	1



200797

Spring – Pool Cover

Item #	Length	Material	Standard Package
200797	7.5 in.	Stainless Steel Type 304	1
273795	8 in.	Stainless Steel	1



274511

Ties – Cable

Specially treated for outdoor exposure, these nylon cable ties are designed to allow uniform tightening. Plus, they require less time than traditional lacing cord. These ties are an ideal solution for a professional appearance at a low cost.

Item #	Style #	Color	Length	Standard Package
274511	T50ROM4	Black	8 in.	1000



274515

Ties – Awning

These aluminum ties are flexible and very easy to use. Will not rust or stain and are reusable.

Item #	Style #	Length	Standard Package
274515	5	5 in.	200



239401

Hook – Tarp Binding

Cold drawn steel with zinc-plated finish, designed primarily to hold tarp ropes securely on truck bodies. Can be used in any industry where ropes are used, and where rope must be held tight.

Item #	Style #	Description	Diameter Hole	Hook Opening	Length	Standard Package	Wire Diameter
239402	12010	Hook No. 3	3/16 in.	5/8 in.	2 in.	100	0.250 in.
239401	12011	Hook No. 5	1/4 in.	1 in.	3-3/4 in.	100	0.365 in.
239452	12009	Hook No. 52C	3/16 in.	7/16 in.	1-1/2 in.	100	0.192 in.



226002

Screw Eye

Zinc-plated finish – with sharp gimlet points for quick starting.

Item #	Style #	Inside Diameter Eye	Length	Length Shank	Standard Package	Wire Diameter
226010	10	13/32 in.	1-3/8 in.	11/16 in.	100	0.135 in.
226008	8	15/32 in.	1-5/8 in.	13/16 in.	100	0.162 in.
226002	2	23/32 in.	2-5/8 in.	1-15/32 in.	50	0.263 in.



226085

Screw Eye – Long Shank

Zinc-plated. For fastening through wood shingles.

Item #	Style #	Inside Diameter Eye	Length	Length Shank	Standard Package
226085	8-1/2	1/2 in.	2-5/16 in.	1-3/8 in.	100



226108

Screw Eye – Open Eye

Zinc-plated finish with sharp gimlet points for starting.

Item #	Style #	Inside Diameter Eye	Length	Length Shank	Standard Package
226108	8	1/2 in.	1-5/8 in.	13/16 in.	100



260920



261012

O Ring

Item #	Diameter of Stock	Finish	Gauge	Inside Diameter of Ring	Material	Standard Package
260902	0.177	Chrome Plated	9	1 in.	Zinc Die-Cast	500
260903	3/32 in.		13	3/8 in.	Zinc Die-Cast	1000
260905	3/32 in.	Nickel Plated	12	5/8 in.	Steel	500
260906	1/8 in.		11	3/4 in.	Zinc Die-Cast	500
260920	0.177 in.	Nickel Plated	9	1 in.	Steel (Welded)	100
261004	1-1/2 in.	Cadmium	3	1-1/2 in.	Steel	750
261005	1-3/64 in.	Cadmium	6	1-1/4 in.	Steel	100
261007	11/32 in.	Cadmium	0	1-3/4 in.	Steel	100
261008	11/32 in.	Cadmium	0	2 in.	Steel	100
261009	3/8 in.	Cadmium	000	2-1/4 in.	Steel	100

Item #	Diameter of Stock	Finish	Gauge	Inside Diameter of Ring	Material	Standard Package
261010	3/8 in.	Cadmium	000	2-1/2 in.	Steel	100
261011	3/8 in.	Cadmium	000	2-3/4 in.	Steel	100
261012	3/8 in.	Cadmium	000	3 in.	Steel	50
261102	0.177 in.		9	1 in.	Type 316 Stainless Steel	100



266677

Spring – Snap Link

Zinc-plated steel.

Item #	Style #	Description	Standard Package
266677	245M-50M	1.97 in. x 5 mm wire	100



269115

Goldline® EPDM Tie-Down And Tarp Strap

Straps reinforced at hook ends. Hooks are 2-1/2 inch and where included come in a quantity of 2.

To determine strap size, let maximum stretch length, below, be your guide. For example, if distance between tarp grommet and trailer tie-down bar is 24 inch, order a 15 inch strap which provides a maximum 25 inch stretch length. If distance is 27 inch, order a 21 inch strap with maximum 34 inch stretch length.

Where hooks are inserted we supply two hooks per strap.

UNIVERSAL POLYMER Warning for EPDM TARP AND TIE-DOWN STRAPS: Observe maximum stretch warnings. Straps should not be stretched more than 50% of their normal length. Sudden disconnect in a stretched position may cause serious eye injury. Wear safety glasses during tie down and disconnect. Inspect straps before each use. Discard if abraded, cut or cracked. Straps should not be substituted as primary tie-down device for load.

Item #	Style #	Description	Length Overall With Hook	Maximum Stretch With Hook	Standard Package	Tarp Strap Length
269109	635197920	Strap without Hooks	13 in.	18 in.	50	10 in.
269115	635197820	Strap without Hooks	18 in.	25 in.	50	15 in.
269120	635196920	Strap without Hooks	24 in.	34 in.	50	21 in.
269310	635197940	Strap with Hooks Inserted	13 in.	18 in.	50	10 in.
269315	635197840	Strap with Hooks Inserted	18 in.	25 in.	50	15 in.
269321	635196940	Strap with Hooks Inserted	24 in.	34 in.	50	21 in.
269331	635197740	Strap with Hooks Inserted	34 in.	49 in.	50	31 in.
269341	635738940	Strap with Hooks Inserted	44 in.	66 in.	50	41 in.

Goldline® is a registered trademark of Universal Polymer & Rubber LTD.



269200

Hook – Tarp Strap “S”

Item #	Style #	Length	Material	Size Opening	Standard Package
239801	1	1-11/16 in.	Zinc-Plated Steel	3/8 in.	100
239803	3	1-5/8 in.	Zinc-Plated Steel	5/8 in.	100
269200		2-1/2 in.	Stainless Steel	9/16 in.	100
269202		2-1/2 in.	Galvanized Steel	7/8 in.	100



261992

Tie-Down – EPDM Rope Standard Black

Use anywhere constant tension is needed. Just cut the cord to the length required, apply the galvanized double eye hooks at both ends, and it's ready for use. Will not crack, chip or peel. Use in any weather.

UNIVERSAL POLYMER Warning for EPDM ROPE TIE-DOWNS: Sudden disconnect in a stretched position may cause serious eye injury. Wear safety glasses during tie down and disconnect. Inspect before use. Discard if abraded, cut or cracked.

Item #	Style #	Put Up	Rope Size	Standard Package	Weight
261991	933037502	200 ft. coil	3/8 in.	1	13 lbs.
261990	933037501	200 ft. coil with 150 double eye hooks	3/8 in.	1	22 lbs.
261992	933037503	800 ft. coil	3/8 in.	1	50 lbs.



261993

Tie-Down – EPDM Rope Heavy Duty Black

Use anywhere constant tension is needed. Just cut the cord to the length required, apply the galvanized double eye hooks at both ends, and it's ready for use. Will not crack, chip or peel. Use in any weather.

UNIVERSAL POLYMER Warning for EPDM ROPE TIE-DOWNS: Sudden disconnect in a stretched position may cause serious eye injury. Wear safety glasses during tie down and disconnect. Inspect before use. Discard if abraded, cut or cracked.

Item #	Style #	Description	Put Up	Rope Size	Standard Package	Weight
261994	933043701		150 ft. coil	7/16 in.	1	13 lbs.
261993	933043702		150 ft. coil with 150 double eye hooks	7/16 in.	1	22 lbs.
261995	933043703		600 ft. coil	7/16 in.	1	48 lbs.
261996		Galvanized Double Eye Hooks			1000	



261996

Snap – Bolt

Malleable iron, loop eye.

Item #	Style #	Finish	Length	Material	Standard Package	Webbing Size
266679	25	Cadmium Plated	3-1/4 in.	Malleable Iron	10	1 in.



266679

Snap – Curtain Trigger

Made of malleable iron. Used to fasten down roller curtains. Zinc plated.

Item #	Style #	Length	Standard Package	Webbing Size
266675	204	1-3/4 in.	10	3/4 in.



266675



266672



266895

Snap – Spring

Item #	Style #	Finish	Length	Material	Standard Package	Webbing Size
266680	200	Cadmium Plated	3-1/16 in.	Malleable Iron	10	1 in.
266876	349			Stainless Steel	100	1 in.
266685	900ST	Nickel Plated		Steel	100	1 in.
266904	5350	Nickel Plated	1-3/4 in.	Steel	20	1 in.
266895	5016	Nickel Plated	2-5/8 in.	Steel	100	1 in.
266741	142-A	Zinc Plated	2-1/8 in.	Steel	100	1 in.
266672	200	Cadmium Plated	3-9/16 in.	Malleable Iron	10	1-1/2 in.
266681	142-A	Nickel Plated	1-15/16 in.	Steel	100	1-1/2 in.
266674	200	Zinc Plated	3-3/4 in.	Steel	10	2 in.
266767	249	Brass	2-1/2 in.	Brass	100	3/4 in.

Snap – Tent Wall

Item #	Style #	Finish	Material	Standard Package	Webbing Size
266686	340Z	Nickel Plated	Zinc Die Cast	500	1 in.



266514

Tent Slide

Stamped galvanized steel.

Item #	Style #	Length	Rope Size	Standard Package
266514	4	4 in.	5/16 in.	500



266504

Tent Slip

Injection-molded, glass-filled nylon, 4 inch long for 5/16 inch diameter rope. Meets spec. MIL-S-1734 Type II.

Item #	Color	Length	Rope Size	Standard Package
266504	Olive Drab	4 in.	5/16 in.	700



267612

Tent Stake – Steel

Formed of heavy-gauge, precoated galvanized steel. Specially designed top provides maximum strength with minimum weight.

Item #	Length	Standard Package
267609	9 in.	100
267612	12 in.	100
267615	15 in.	100



267710

Tent Stake – Kinked Wire

A sturdy all-steel tent stake with slash-cut end, and kinked body made of 1/4 in. diameter steel. Bright zinc plating adds lasting protection. Can also be used for ground fastening of sunshades, wind baffles and privacy screens.

Item #	Length	Standard Package
267709	9 in.	100
267710	9 in.	1000



267500

Tent Stake – Polypropylene

Made to withstand heavy usage. Superior strength in temperature extremes.

Item #	Color	Length	Standard Package
267500	Yellow	9 in.	300

YKK® AQUAGUARD®

AQUAGUARD® zippers have a shiny polyurethane coating with an embossed finish that sheds water, as well as enhancing the appearance. These zippers can be ultrasonically bonded or sewn.

Item #	Style #	Color	Length	Standard Package
280869	UR CT4OL-101 DFBL 67752	Black	240 in.	10

YKK® and AQUAGUARD® are registered trademarks of YKK Corporation in Japan and other countries/regions.



280331

YKK® VISLON® 10VF No. 10 Sliders – Metal

Item #	Style #	Description	Color	Color #	Standard Package
280363	10VFDX	AutoLok Double Pull	Black	580	100
280336	10CFDX	AutoLok Double Pull	White	501	100
280362	10VFDA	AutoLok Single Pull	Black	580	100
280595	10VFDA	AutoLok Single Pull	Light Beige		1000
280334	10VFDA	AutoLok Single Pull	White	501	1000
280873	10VFDWL	Non-Locking Long Double Pull Tab	Black	580	100
280872	10VFDWL	Non-Locking Long Double Pull Tab	White	501	100
280369	10VDFWW	Non-Locking Short Double Pull Tab	Black	580	100
280332	10VDFWW	Non-Locking Short Double Pull Tab	White	501	100
280331	10VDFW	Non-Locking Short Single Pull Tab	Black	580	100
280330	10VDFW	Non-Locking Short Single Pull Tab	White	501	100
280950	10VDFL	Non-Locking Single Pull	Black	580	100

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280361

YKK® VISLON® 10VF No. 10 Sliders – Plastic

Item #	Style #	Description	Color	Color #	Standard Package
280360	10VFTA	AutoLok Single Pull	White	501	100
280361	10VFTA	AutoLok Single Pull	Black	580	100
280364	10VFTX	AutoLok Double Pull	White	501	100
280365	10VFTX	AutoLok Double Pull	Black	580	100
280366	10VFTW	Non-Locking Short Double Pull Tab	White	501	100

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280311

YKK® VISLON® 10VFUV No. 10 Chain (VF)

Full rolls only.

Item #	Style #	Color	Color #	Standard Package	Width
280311	10VF	Black	580	109 yds.	11/16 in.
280309	10VF	Black	580	55 yds.	11/16 in.
299398	10VF	White	501	109 yds.	11/16 in.
280307	10VF	White	501	55 yds.	11/16 in.

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295641

YKK® VISLON® 5VS No. 5 Sliders – Metal

Item #	Style #	Description	Color	Color #	Standard Package
295658	5VSDXL	AutoLok Standard Double Pull Tab	Black	580	100
295657	5VSDXL	AutoLok Standard Double Pull Tab	White	501	100
295654	5VSDA	AutoLok Standard Single Pull Tab	Black	580	100
295653	5VSDA	AutoLok Standard Single Pull Tab	White	501	100
295650	5VSDWL	Non-Locking Long Double Pull Tab	Black	580	100
295649	5VSDWL	Non-Locking Long Double Pull Tab	White	501	100
295642	5VSDFL	Non-Locking Long Single Pull Tab	Beige	573	100
295641	5VSDFL	Non-Locking Long Single Pull Tab	Black	580	100
295640	5VSDFL	Non-Locking Long Single Pull Tab	White	501	100
295646	5VSDFW	Non-Locking Short Single Pull Tab	Black	580	100
295645	5VSDFW	Non-Locking Short Single Pull Tab	White	501	100

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295670

YKK® VISLON® 5VS No. 5 Sliders – Plastic

Item #	Style #	Description	Color	Color #	Standard Package
295674	5VSTX	AutoLok Standard Double Pull Tab	Black	580	100
295670	5VSTA	AutoLok Standard Single Pull Tab	Black	580	100
295669	5VSTA	AutoLok Standard Single Pull Tab	White	501	100
295662	5VSTF	Non-Locking Short Single Pull Tab	Black	580	100
295661	5VSTF	Non-Locking Short Single Pull Tab	White	501	100

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295627

YKK® VISLON® 5VS No. 5 Chain

Full rolls only.

Item #	Style #	Color	Color #	Standard Package	Width
295630	5VS	Beige	573	218 yds.	9/16 in.
295627	5VS	Black	580	109 yds.	9/16 in.
295628	5VS	Black	580	218 yds.	9/16 in.
295625	5VS	White	501	109 yds.	9/16 in.
295626	5VS	White	501	218 yds.	9/16 in.

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280922

YKK® VISLON® 8VF No. 8 Sliders – Metal

Item #	Style #	Description	Color	Color #	Standard Package
280938	8VFDXL	AutoLok Long Double Pull Tab	Black	580	1000
280926	8VFDXL	AutoLok Long Double Pull Tab	White	501	1000
280922	8VFDA	AutoLok Single Pull	Black	580	100
280920	8VFDA	AutoLok Single Pull	White	501	100

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280910

YKK® VISLON® 8VFUV No. 8 Chain

Full rolls only.

Item #	Style #	Color	Color #	Standard Package	Width
280910	8VFUV	Black	580	137 yds.	5/8 in.
280900	8VFUV	White	501	137 yds.	5/8 in.

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279836

YKK® ZIPLON® Sliders – Metal

Item #	Style #	Description	Color	Color #	Finish	Standard Package
279836	5CND A5	AutoLok Single Pull Tab	Black	580		100
279835	5CND A5	AutoLok Single Pull Tab	White	501		100
280529		AutoLok Single Pull	Black	580		1000
280511	10CFDA3	AutoLok Single Pull	White	501		100
280341	8CFDWL	Non-Locking Long Double Pull Tab	Black	580		100
280368	10CFDWL	Non-Locking Long Double Pull Tab	Black	580		100
279846	5CNDW3L	Non-Locking Long Double Pull Tab	Black	580		100
280339	10CFDWL	Non-Locking Long Double Pull Tab	White	501		100
279845	5CNDW3L	Non-Locking Long Double Pull Tab	White	501		100
279841	5CNDFL	Non-Locking Long Single Pull Tab	Black	580		100
280348	10CFDFL	Non-Locking Long Single Pull Tab	Black	580		100
280319	4.5CNDFL	Non-Locking Long Single Pull Tab	Black	580		100
280514	8CNDFL	Non-Locking Long Single Pull Tab	Black	580		100
279842	5CNDFL	Non-Locking Long Single Pull Tab	Gray		Nickel Plated	100
280317	4.5CNDFL	Non-Locking Long Single Pull Tab	Gray		Nickel Plated	100
280338	10CFDFL	Non-Locking Long Single Pull Tab	Gray		Nickel Plated	100
280515	8CNDFL	Non-Locking Long Single Pull Tab	Gray		Nickel Plated	100
279834	10CFDFL	Non-Locking Long Single Pull Tab	White		Powder Coated	100
279840	5CNDFL	Non-Locking Long Single Pull Tab	White	501		100
280510	8CFFDFL	Non-Locking Long Single Pull Tab	White	501		100
280349	10CFDFL	Non-Locking Long Single Pull Tab	White	501		100

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279831

YKK® ZIPLON® Chain (CF)

Full rolls only.

Item #	Style #	Color	Color #	Standard Package	Width
280509	8CF	Beige	573	165 yds.	3/4 in.
280316	10CF	Black	580	109 yds.	3/4 in.
280291	4.5CF	Black	580	218 yds.	5/8 in.
279831	5CF	Black	580	218 yds.	5/8 in.
280505	8CF	Black	580	165 yds.	3/4 in.
280591	8CF	Black	580	165 yds.	5/8 in.
280502	9CF	Black	580	109 yds.	3/4 in.
280315	10CF	White	501	109 yds.	3/4 in.
280290	4.5CF	White	501	218 yds.	5/8 in.
279830	5CF	White	501	218 yds.	5/8 in.
280504	8CF	White	501	165 yds.	3/4 in.

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YKK® Pull Cord

YKK pull cord with a shell-type zipper cord end and elastic pull cord. Made with a durable black acetal plastic cord end and a highly elastic shock cord, it provides maximum tension and hold. Uses include apparel, accessories, backpacks, luggage, bags, marine and outdoor applications, and more.

Item #	Style #	Color	Cord Size	Length
586090	LCWE	Black	1/10 in.	4.5 in.

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YKK® VISLON® Bottom Stops

This YKK bottom stop locks the chain to stop the slider where installed. Easily install the zipper stop end with pliers by piercing the prongs through the tape. Made from die-cast zinc with chip-resistant enamel paint. Use the zipper bottom stop for zipper repair, replacement, or custom zipper projects where a sturdy stopper is needed.

Item #	Style #	Color	Color #	Standard Package
280492	10 VF	Black	580	100
295681	5 VS	Black	580	100
280550	10 VF	White	501	100
295680	5 VS	White	501	100

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YKK® VISLON® Top Stops

Top stops prevent sliders from running off the zipper chain. Easily install the zipper stop end by removing a tooth where the top stop will be placed (one top stop for each side of the zipper). The durable piece of hardware is made from die-cast zinc with enamel paint. Use the zipper top stop for zipper repair, replacement, or custom zipper projects where a sturdy stopper is needed.

Item #	Style #	Color	Color #	Standard Package
280493	10 VF	Black	580	100
280547	10 VF	White	501	100
295682	5 VS	White	501	100
295683	5 VS	Black	580	100

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YKK® SNAPCAP®

This revolutionary zipper top stop is ready for assembly – simply snap it onto the end of the zipper. This top stop prevents the slider from running off the zipper chain. Use the SNAPCAP zipper top stop for zipper repair, replacement, or custom zipper projects where a sturdy plastic stopper is needed.

Item #	Style #	Color	Color #	Standard Package
280490	10VF	Black	580	2000
280491	10VF	White	501	2000

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Top Stop No. 10

No. 10 Zipper Top Stop is placed over a tooth on each side of the zipper and bent in place with pliers. It eliminates the need to cut the zipper and chain with a hot knife or sew it down to form a stop. Providing added flexibility, the Stainless Steel Zipper Top Stop can be moved if needed.

Item #	Style #	Material	Standard Package
280974	89001	Stainless Steel	1000



Zipper Stop Application Tool

Convenient tool designed specifically to apply Zipper Stop to zipper chain, helping eliminate slippage and rotation of the stop. Features a special groove that firmly holds zipper stop in place.

Item #	Style #	Standard Package
255251	1012	1



Zipper Jig

Save time during zipper installations with the Zipper Jig. This handy tool holds YKK® zipper sliders from #2.5 to #10, allowing you to easily install sliders. The lower clamp securely holds the Zipper Jig to a counter, while the upper clamp is used to lock the jig rod in any direction. It even allows you to put a zipper on backwards. The Zipper Jig is 5-1/2 inch x 4-3/4 inch, making it ideal for workstations.

To use simply place the slider upside-down and facing forward into the slot on the rod. Open the zipper one or two inches and hold face down. Feed both sides evenly into the slider held by the rod, coming in at a 45 degree angle. Pull forward and it's done!

Item #	Style #	Standard Package
255252	1014	1

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279872

YKK® VISLON® UV VFUV No. 10 Separating Zipper Automatic Lock

Engineered especially for marine applications. All element and slider materials are scientifically designed to resist damage from sunlight as well as corrosion. Teeth injection-molded from DuPont™ Delrin®.

UV-resistant acetal resin attached to a strong cord and tape, which ensure the sliders stay on track. The Delrin polymer reduces the effect of ultraviolet radiation, significantly increasing its useful life.

Item #	Style #	Description	Color	Color #	Length	Standard Package
279872	VFUV	Single Pull Metal Slider	Black	32483	108 in.	10
279868	VFUV	Double Pull Metal Slider	Black	41578	144 in.	10
279866	VFUV	Double Pull Nylon Slider	Black	32241	78 in.	10

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279893

YKK® VISLON® UV VFUV No. 8 Separating Zipper Non-Locking – Double Pull Metal Slider

Engineered especially for marine applications. All element and slider materials are scientifically designed to resist damage from sunlight as well as corrosion. Teeth injection-molded from DuPont™ Delrin®.

UV-resistant acetal resin attached to a strong cord and tape, which ensure the sliders stay on track. The Delrin polymer reduces the effect of ultraviolet radiation, significantly increasing its useful life.

Item #	Style #	Color	Color #	Length	Standard Package
279890	VFUV	Black	32238	18 in.	10
279891	VFUV	Black	32238	24 in.	10
279893	VFUV	Black	32238	36 in.	10
279895	VFUV	Black	32238	42 in.	10
279896	VFUV	Black	32238	48 in.	10
279897	VFUV	Black	32238	54 in.	10
279898	VFUV	Black	32238	60 in.	10
279900	VFUV	Black	32238	72 in.	10
279875	VFUV	White	32438	18 in.	10
279876	VFUV	White	32438	24 in.	10
279878	VFUV	White	32438	36 in.	10
279879	VFUV	White	32438	42 in.	10
279880	VFUV	White	32438	48 in.	10
279881	VFUV	White	32438	54 in.	10
279882	VFUV	White	32438	60 in.	10
279884	VFUV	White	32438	72 in.	10

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296215

YKK® VISLON® VFOL105W No. 10 Separating Zipper Non-Locking – Double Pull Metal Slider

YKK® No. 10 VISLON® separating zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the VISLON zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The VISLON zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

Item #	Style #	Color	Color #	Length	Standard Package
296215	VFOL105W	Black	580	60 in.	10
296234	VFOL105W	Onion	801	72 in.	10

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280596

YKK® VISLON® VFUL106 TA No. 10 Separating Zipper With Automatic Lock – Short Single Pull Plastic Slider

YKK® No. 10 VISLON® separating zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the VISLON zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The VISLON zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

Item #	Style #	Color	Color #	Length	Standard Package
280617	VFUL106 TA	Black	580	108 in.	10
280619	VFUL106 TA	Black	580	120 in.	10
280596	VFUL106 TA	Black	580	24 in.	10
280598	VFUL106 TA	Black	580	36 in.	10
280604	VFUL106 TA	Black	580	48 in.	10
280606	VFUL106 TA	Black	580	60 in.	10
280608	VFUL106 TA	Black	580	72 in.	10
280612	VFUL106 TA	Black	580	96 in.	10
280548	VFUL106 TA	White	501	120 in.	10
280520	VFUL106 TA	White	501	24 in.	10
280522	VFUL106 TA	White	501	36 in.	10
280528	VFUL106 TA	White	501	48 in.	10
280532	VFUL106 TA	White	501	60 in.	10
280536	VFUL106 TA	White	501	72 in.	10
280538	VFUL106 TA	White	501	84 in.	10
280540	VFUL106 TA	White	501	96 in.	10

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280243

YKK® VISLON® VFULVOL-107 DX E No. 10 Separating Zipper With Automatic Lock – Short Double Pull Metal Slider

YKK® No. 10 VISLON® separating zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the VISLON zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The VISLON zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

Item #	Style #	Color	Color #	Length	Standard Package
280243	VFULVOL-107 DX E	Natural	572	96 in.	10

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296180

YKK® VISLON® VFUVOL-106 DA E No. 10 Separating Zipper With Automatic Lock – Short Single Pull Metal Slider

YKK® No. 10 VISLON® separating zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the VISLON zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The VISLON zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

Item #	Style #	Color	Color #	Length	Standard Package
296196	VFUVOL-106 DA E	Black	580	110 in.	10
296183	VFUVOL-106 DA E	Black	580	12 in.	10
296198	VFUVOL-106 DA E	Black	580	120 in.	10
296199	VFUVOL-106 DA E	Black	580	144 in.	10
296180	VFUVOL-106 DA E	Black	580	24 in.	10
296182	VFUVOL-106 DA E	Black	580	36 in.	10
296184	VFUVOL-106 DA E	Black	580	42 in.	10
296185	VFUVOL-106 DA E	Black	580	48 in.	10
296186	VFUVOL-106 DA E	Black	580	54 in.	10
296187	VFUVOL-106 DA E	Black	580	60 in.	10
296190	VFUVOL-106 DA E	Black	580	72 in.	10
296192	VFUVOL-106 DA E	Black	580	84 in.	10
296194	VFUVOL-106 DA E	Black	580	96 in.	10
296178	VFUVOL-106 DA E	White	501	120 in.	10
296179	VFUVOL-106 DA E	White	501	144 in.	10
296156	VFUVOL-106 DA E	White	501	18 in.	10
296160	VFUVOL-106 DA E	White	501	24 in.	10
296162	VFUVOL-106 DA E	White	501	36 in.	10
296165	VFUVOL-106 DA E	White	501	48 in.	10
296167	VFUVOL-106 DA E	White	501	60 in.	10
296170	VFUVOL-106 DA E	White	501	72 in.	10
296172	VFUVOL-106 DA E	White	501	84 in.	10
296174	VFUVOL-106 DA E	White	501	96 in.	10

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296119

YKK® VISION® VFUVOL-107 DX E No. 10 Separating Zipper With Automatic Lock – Short Double Pull Metal Slider

YKK® No. 10 VISION® separating zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the VISION zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The VISION zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

Item #	Style #	Color	Color #	Length	Standard Package
296145	VFUVOL-107 DX E	Black	580	100 in.	10
296147	VFUVOL-107 DX E	Black	580	108 in.	10
296149	VFUVOL-107 DX E	Black	580	110 in.	10
296118	VFUVOL-107 DX E	Black	580	12 in.	10
296151	VFUVOL-107 DX E	Black	580	120 in.	10
296116	VFUVOL-107 DX E	Black	580	16 in.	10
296120	VFUVOL-107 DX E	Black	580	18 in.	10
296119	VFUVOL-107 DX E	Black	580	20 in.	10
296122	VFUVOL-107 DX E	Black	580	24 in.	10
296154	VFUVOL-107 DX E	Black	580	240 in.	10
296124	VFUVOL-107 DX E	Black	580	30 in.	10
296125	VFUVOL-107 DX E	Black	580	34 in.	10
296126	VFUVOL-107 DX E	Black	580	36 in.	10
296128	VFUVOL-107 DX E	Black	580	40 in.	10
296129	VFUVOL-107 DX E	Black	580	42 in.	10
296134	VFUVOL-107 DX E	Black	580	46 in.	10
296131	VFUVOL-107 DX E	Black	580	48 in.	10
296133	VFUVOL-107 DX E	Black	580	54 in.	10
296135	VFUVOL-107 DX E	Black	580	60 in.	10
296137	VFUVOL-107 DX E	Black	580	66 in.	10
296142	VFUVOL-107 DX E	Black	580	68 in.	10
296139	VFUVOL-107 DX E	Black	580	72 in.	10
296144	VFUVOL-107 DX E	Black	580	76 in.	10
296146	VFUVOL-107 DX E	Black	580	80 in.	10
296141	VFUVOL-107 DX E	Black	580	84 in.	10
296148	VFUVOL-107 DX E	Black	580	90 in.	10
296143	VFUVOL-107 DX E	Black	580	96 in.	10
296265	VFUVOL-107 DX E	Light Beige	573	120 in.	10
296270	VFUVOL-107 DX E	Light Beige	573	144 in.	10
296233	VFUVOL-107 DX E	Light Beige	573	18 in.	10
296236	VFUVOL-107 DX E	Light Beige	573	24 in.	10
296237	VFUVOL-107 DX E	Light Beige	573	30 in.	10
296239	VFUVOL-107 DX E	Light Beige	573	36 in.	10
296242	VFUVOL-107 DX E	Light Beige	573	42 in.	10
296245	VFUVOL-107 DX E	Light Beige	573	48 in.	10
296248	VFUVOL-107 DX E	Light Beige	573	54 in.	10
296251	VFUVOL-107 DX E	Light Beige	573	60 in.	10
296254	VFUVOL-107 DX E	Light Beige	573	72 in.	10
296257	VFUVOL-107 DX E	Light Beige	573	84 in.	10
296260	VFUVOL-107 DX E	Light Beige	573	96 in.	10

Item #	Style #	Color	Color #	Length	Standard Package
296089	VFUVOL-107 DX E	White	501	100 in.	10
296091	VFUVOL-107 DX E	White	501	108 in.	10
296092	VFUVOL-107 DX E	White	501	110 in.	10
296094	VFUVOL-107 DX E	White	501	120 in.	10
296098	VFUVOL-107 DX E	White	501	144 in.	10
296099	VFUVOL-107 DX E	White	501	154 in.	10
296061	VFUVOL-107 DX E	White	501	18 in.	10
296063	VFUVOL-107 DX E	White	501	24 in.	10
296105	VFUVOL-107 DX E	White	501	240 in.	10
296065	VFUVOL-107 DX E	White	501	30 in.	10
296068	VFUVOL-107 DX E	White	501	36 in.	10
296069	VFUVOL-107 DX E	White	501	40 in.	10
296070	VFUVOL-107 DX E	White	501	42 in.	10
296072	VFUVOL-107 DX E	White	501	48 in.	10
296074	VFUVOL-107 DX E	White	501	54 in.	10
296076	VFUVOL-107 DX E	White	501	60 in.	10
296080	VFUVOL-107 DX E	White	501	66 in.	10
296082	VFUVOL-107 DX E	White	501	72 in.	10
296084	VFUVOL-107 DX E	White	501	78 in.	10
296086	VFUVOL-107 DX E	White	501	84 in.	10
296087	VFUVOL-107 DX E	White	501	90 in.	10
296088	VFUVOL-107 DX E	White	501	96 in.	10

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280681

YKK® VISLON® VFUVOL-86 DA E No. 8 Separating Zipper With Automatic Lock – Short Single Pull Metal Slider

YKK® No. 8 VISLON® separating zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the VISLON zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The VISLON zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

Item #	Style #	Color	Color #	Length	Standard Package
280692	VFUVOL-86 DA E	Black	580	48 in.	10
280681	VFUVOL-86 DA E	White	501	42 in.	10
280682	VFUVOL-86 DA E	White	501	48 in.	10

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280758

YKK® VISLON® VFUVOL-87 DXL E No. 8 Separating Zipper With Automatic Lock – Long Double Pull Metal Slider

YKK® No. 8 VISLON® separating zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the VISLON zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The VISLON zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

Item #	Style #	Color	Color #	Length	Standard Package
280770	VFUVOL-87 DXL E	Black	580	110 in.	10
280772	VFUVOL-87 DXL E	Black	580	120 in.	10
280740	VFUVOL-87 DXL E	Black	580	18 in.	10
280741	VFUVOL-87 DXL E	Black	580	22 in.	10
280742	VFUVOL-87 DXL E	Black	580	24 in.	10
280744	VFUVOL-87 DXL E	Black	580	30 in.	10
280746	VFUVOL-87 DXL E	Black	580	36 in.	10
280748	VFUVOL-87 DXL E	Black	580	40 in.	10
280750	VFUVOL-87 DXL E	Black	580	42 in.	10
280752	VFUVOL-87 DXL E	Black	580	48 in.	10
280754	VFUVOL-87 DXL E	Black	580	54 in.	10
280756	VFUVOL-87 DXL E	Black	580	60 in.	10
280758	VFUVOL-87 DXL E	Black	580	66 in.	10
280760	VFUVOL-87 DXL E	Black	580	72 in.	10
280762	VFUVOL-87 DXL E	Black	580	78 in.	10
280764	VFUVOL-87 DXL E	Black	580	84 in.	10
280766	VFUVOL-87 DXL E	Black	580	96 in.	10
280810	VFUVOL-87 DXL E	Gray	576	110 in.	10
280787	VFUVOL-87 DXL E	Gray	576	38 in.	10
280792	VFUVOL-87 DXL E	Gray	576	48 in.	10
280796	VFUVOL-87 DXL E	Gray	576	60 in.	10
280800	VFUVOL-87 DXL E	Gray	576	72 in.	10
280804	VFUVOL-87 DXL E	Gray	576	84 in.	10
280806	VFUVOL-87 DXL E	Gray	576	96 in.	10
280730	VFUVOL-87 DXL E	White	501	110 in.	10
280732	VFUVOL-87 DXL E	White	501	120 in.	10
280700	VFUVOL-87 DXL E	White	501	18 in.	10
280702	VFUVOL-87 DXL E	White	501	24 in.	10
280704	VFUVOL-87 DXL E	White	501	30 in.	10
280706	VFUVOL-87 DXL E	White	501	36 in.	10
280707	VFUVOL-87 DXL E	White	501	38 in.	10
280710	VFUVOL-87 DXL E	White	501	42 in.	10
280712	VFUVOL-87 DXL E	White	501	48 in.	10
280714	VFUVOL-87 DXL E	White	501	54 in.	10
280717	VFUVOL-87 DXL E	White	501	56 in.	10
280716	VFUVOL-87 DXL E	White	501	60 in.	10
280720	VFUVOL-87 DXL E	White	501	72 in.	10
280722	VFUVOL-87 DXL E	White	501	78 in.	10
280724	VFUVOL-87 DXL E	White	501	84 in.	10
280726	VFUVOL-87 DXL E	White	501	96 in.	10

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280446

YKK® VISLON® VFUVOL107TX No. 10 Separating Zipper With Automatic Lock – Double-Pull Plastic Slider

YKK® No. 10 VISLON® separating zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the VISLON zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The VISLON zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

Item #	Style #	Color	Color #	Length	Standard Package
280442	VFUVOL107TX	Black	580	100 in.	10
280444	VFUVOL107TX	Black	580	108 in.	10
280446	VFUVOL107TX	Black	580	110 in.	10
280448	VFUVOL107TX	Black	580	120 in.	10
280418	VFUVOL107TX	Black	580	18 in.	10
280420	VFUVOL107TX	Black	580	24 in.	10
280421	VFUVOL107TX	Black	580	30 in.	10
280422	VFUVOL107TX	Black	580	36 in.	10
280424	VFUVOL107TX	Black	580	40 in.	10
280426	VFUVOL107TX	Black	580	42 in.	10
280428	VFUVOL107TX	Black	580	48 in.	10
280430	VFUVOL107TX	Black	580	54 in.	10
280432	VFUVOL107TX	Black	580	60 in.	10
280434	VFUVOL107TX	Black	580	66 in.	10
280436	VFUVOL107TX	Black	580	72 in.	10
280438	VFUVOL107TX	Black	580	84 in.	10
280440	VFUVOL107TX	Black	580	96 in.	10
280242	VFUVOL107TX	White	501	100 in.	10
280244	VFUVOL107TX	White	501	108 in.	10
280246	VFUVOL107TX	White	501	110 in.	10
280248	VFUVOL107TX	White	501	120 in.	10
280218	VFUVOL107TX	White	501	18 in.	10
280220	VFUVOL107TX	White	501	24 in.	10
280221	VFUVOL107TX	White	501	30 in.	10
280222	VFUVOL107TX	White	501	36 in.	10
280224	VFUVOL107TX	White	501	40 in.	10
280226	VFUVOL107TX	White	501	42 in.	10
280228	VFUVOL107TX	White	501	48 in.	10
280230	VFUVOL107TX	White	501	54 in.	10
280232	VFUVOL107TX	White	501	60 in.	10
280234	VFUVOL107TX	White	501	66 in.	10
280236	VFUVOL107TX	White	501	72 in.	10
280237	VFUVOL107TX	White	501	78 in.	10
280238	VFUVOL107TX	White	501	84 in.	10
280240	VFUVOL107TX	White	501	96 in.	10

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295685

YKK® VISLON® VSOL56 No. 5 Separating Zipper With Automatic Lock – Short Single Pull Metal Slider

YKK® No. 5 VISLON® separating zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the VISLON zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The VISLON zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

Item #	Style #	Color	Color #	Length	Standard Package
295728	VSOL56	Black	580	108 in.	10
295711	VSOL56	Black	580	12 in.	10
295730	VSOL56	Black	580	144 in.	10
295743	VSOL56	Black	580	18 in.	10
295713	VSOL56	Black	580	24 in.	10
295714	VSOL56	Black	580	30 in.	10
295715	VSOL56	Black	580	36 in.	10
295716	VSOL56	Black	580	42 in.	10
295717	VSOL56	Black	580	44 in.	10
295745	VSOL56	Black	580	46 in.	10
295718	VSOL56	Black	580	48 in.	10
295685	VSOL56	Black	580	52 in.	10
295719	VSOL56	Black	580	54 in.	10
295720	VSOL56	Black	580	60 in.	10
295722	VSOL56	Black	580	72 in.	10
295724	VSOL56	Black	580	84 in.	10
295726	VSOL56	Black	580	96 in.	10
295707	VSOL56	White	501	108 in.	10
295690	VSOL56	White	501	12 in.	10
295709	VSOL56	White	501	144 in.	10
295692	VSOL56	White	501	24 in.	10
295693	VSOL56	White	501	30 in.	10
295694	VSOL56	White	501	36 in.	10
295695	VSOL56	White	501	42 in.	10
295687	VSOL56	White	501	46 in.	10
295697	VSOL56	White	501	48 in.	10
295698	VSOL56	White	501	54 in.	10
295699	VSOL56	White	501	60 in.	10
295701	VSOL56	White	501	72 in.	10
295703	VSOL56	White	501	84 in.	10
295705	VSOL56	White	501	96 in.	10

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280085

YKK® VISLON® VFUVOL-86 DA E 5/8 No. 8 Separating Zipper With Automatic Lock – Single Pull Metal Slider

Item #	Style #	Color	Length	Standard Package
280085	VFUVOL86 DA E 5/8	Black	60 in.	10

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295778

YKK® ZIPLON® CFOR-106 DA E No. 10 Separating Zipper with Automatic Lock – Single Pull Metal Slider

Item #	Style #	Color	Color #	Length	Standard Package
295779	CFOR-106 DA E	Black	580	108 in.	10
295767	CFOR-106 DA E	Black	580	36 in.	10
295769	CFOR-106 DA E	Black	580	48 in.	10
295771	CFOR-106 DA E	Black	580	60 in.	10
295773	CFOR-106 DA E	Black	580	72 in.	10
295777	CFOR-106 DA E	Black	580	96 in.	10
295778	CFOR-106 DA E	White	501	108 in.	10
295766	CFOR-106 DA E	White	501	36 in.	10
295768	CFOR-106 DA E	White	501	48 in.	10
295770	CFOR-106 DA E	White	501	60 in.	10
295772	CFOR-106 DA E	White	501	72 in.	10
295774	CFOR-106 DA E	White	501	84 in.	10
295776	CFOR-106 DA E	White	501	96 in.	10

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295973

YKK® ZIPLON® CFOR-105 DWL E No. 10 Separating Zipper Non-Locking – Double Pull Metal Slider

Item #	Style #	Color	Color #	Length	Standard Package
295973	CFOR-105 DWL E	Black	580	108 in.	10
295961	CFOR-105 DWL E	Black	580	36 in.	10
295963	CFOR-105 DWL E	Black	580	48 in.	10
295965	CFOR-105 DWL E	Black	580	60 in.	10
295967	CFOR-105 DWL E	Black	580	72 in.	10
295969	CFOR-105 DWL E	Black	580	84 in.	10
295971	CFOR-105 DWL E	Black	580	96 in.	10
295972	CFOR-105 DWL E	White	501	108 in.	10
295960	CFOR-105 DWL E	White	501	36 in.	10
295962	CFOR-105 DWL E	White	501	48 in.	10
295964	CFOR-105 DWL E	White	501	60 in.	10
295968	CFOR-105 DWL E	White	501	84 in.	10
295970	CFOR-105 DWL E	White	501	96 in.	10

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279813

YKK® ZIPPY COOL®

This two-part product includes a cleaner and lubricant. It is specially formulated for use on all types of metal and plastic zippers. The patented push/pull dispenser brush removes harmful dirt, sand and salt. After rinsing, it leaves a protective film on the zipper. Lubrication on the zipper will not flake or cause jams, even in extreme temperatures. It contains no silicone or paraffin.

Item #	Description	Standard Package
279813	Zippy Cleaner and Lubricant	1

YKK® and ZIPPY COOL® are registered trademarks of YKK Corporation in Japan and other countries/regions.



279800

Zipzap Lubricants

Extends the life of the zipper. Cleans and lubricates plastic, nylon, and metal zippers, without collecting dirt, sand or organic residue. The wax provides smooth zipper teeth operation, and the fluid cleans and lubricates the zipper action.

Item #	Description	Put Up	Standard Package
279800	Fluid	2 oz.	1



202475



202476

Awl – Automatic

The No. 413 Automatic Awl is used for sewing leather and canvas. This tool carries a spool of thread on the handle and includes an extra curved needle and wrench.

Item #	Style #	Description	Standard Package
202475	413	Automatic Awl	1
202476	413N-5	Automatic Awl Straight Needle	1
202479	413N-8	Automatic Awl Straight Needle	1



202469

Awl – Heavy-Duty Scratch No. 4

Scratch Awl comes with a plastic handle and quality steel blade. It's used to mark surfaces for cutting and fabrication and for holding down fabric while working.

Item #	Style #	Blade Size	Standard Package
202469	1	2-1/2 in.	1
202470	2	3-1/2 in.	1



248232

Binder

This inexpensive universal binder attachment is ideal for use with 3/4 inch and 1 inch acrylic bindings. It comes with a universal plate assembly so it fits almost any commercial sewing machine. The opening is wide enough so that two edge turn bias cut binding slides smoothly and effortlessly through the attachment.

Item #	Style #	Description	Size	Standard Package	Type
248231	100LS	Universal Binder with Plate	3/4 in.	1	Plain
248232	100LS	Universal Binder with Plate	1 in.	1	Plain



275441

DrillSteady Drill For Stainless Tubing

DrillSteady uses 9/64 inch drill bit for No. 8 screw or fastener. Unique design allows drilling on installed frames, corners, or anywhere.

Item #	Style #	Standard Package
275441	3587	1

DOT® Snapmaster M840

The M840 hand press incorporates many features of bench and foot presses in a portable and cost-effective tool. Ideal for installing DOT® Durable™, Pull-The-Dot®, Lift-The-Dot® and curtain fasteners. Replacement parts available.



216110



216133



216134

Item #	Style #	Description	For Use With	Standard Package
216116	4201	Clinch Plate	16506 DOT Lift-The-Dot Clinch Plate	1
216115	4101	Cutting Punch	16205 DOT Lift-The-Dot Socket	1
216136	4405	Setting Die Cap	18100 DOT Pull-The-Dot Button	1
216134	4203	Setting Die	78403 Curtain Fastener Eyelet	1
216118	4401	Setting Die	16506 DOT Lift-The-Dot Clinch Plate	1
216125	4402	Setting Die	78505 Curtain Fastener Washer	1
216130	4403	Setting Die	10127/10128 DOT Durable Button	1
216132	4404	Setting Die	10412 DOT Durable Eyelet	1
216133	4103	Setting Punch	78403 Curtain Fastener Eyelet	1
216117	4301	Setting Punch	16205 DOT Lift-The-Dot Socket	1
216124	4302	Setting Punch	78403 Curtain Fastener Eyelet	1
216129	4303	Setting Punch	10224 DOT Durable Socket	1
216131	4304	Setting Punch	10370 DOT Durable Stud	1
216135	4305	Setting Punch	18201 DOT Pull-The-Dot Socket	1
216110		Snapmaster Hand Press M840		1

DOT®, Lift-The-Dot® and Pull-The-Dot® are registered trademarks of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.

Hand Tools For DOT® Common Sense® Fasteners



216045



216047

Item #	Style #	Description	For	Standard Package
216050	89-450E	Common Sense Fastener Cutter	Use with cutting pad (Item No. 223449). For BS-78403 (No. 400) Eyelet.	1
216045	C4-450	Common Sense Fastener Cutter	Use with cutting pad (#223449). For BS-78403 (No. 400) Eyelet.	1
223509	9578	Common Sense Machine Die		1
216047	QTTL	Common Sense Quick Turn Lock Driver	Use with 1/4 in. cordless screw driver or drill motor to install XX-78315, XX-78324, XX-78325, X8-78324, XB-78324 or XB-78325 turn buttons.	1
216048	QTTL-N	Common Sense Quick Turn Lock Driver	Use with 1/4 in. cordless screw driver or drill motor to install 404, 405, XB-404 or XB-405 turn buttons.	1
275445	4000	Curtain Fastener Cutter		1
275584	89-9908	Screwdriver for Curtain Fastener		1
275444	4100	Turn Button Cutter		1

DOT® and Common Sense® are registered trademarks of Scovill Fasteners, Inc.



248161

Hand Tools For DOT® Lift-The-Dot® Fasteners

Item #	Style #	Description	For	Standard Package
275501	9951E	Hand Cutting Punch for XX-16205/XX-16206	Use with cutting pad (#223449). For XX-16205 socket with chisel point.	1
275575	171	Hand Punch for BS-78332/BS-78333/BS-16349	Use with cutting pad (#223449).	1
248162	71-177	Lift-The-Dot Cutting Punch	For 90-16349, 91-78322 and 91-78333.	1
248161	L6-9951	Lift-The-Dot Hand Punch		1
275502	169B	Screwdriver for Lift-The-Dot Studs		1

DOT® and Lift-The-Dot® are registered trademarks of Scovill Fasteners, Inc.



275504



275564

Hand Tools For DOT® Durable™ or Glove Button Fasteners

Item #	Style #	Description	For	Standard Package
275583	1482	Die for Baby Durable 12105 Cap		1
275587	1488	Die for Baby Durable 12404/12405/12407 Post		1
248160	164H	Hand Punch		1
275504	169N	Phillips Head Screwdriver for Durable DOT	Use with X8-10301, X8-10302, XX-10362, X8-10393, XB-10393, X8-10704, XX-10708 and X8-10934 studs.	1
275588	9323	Punch for Baby Durable 12205/12206 Socket		1
275507	9772	Setting Die for Baby Durable 12302/12303		1
275564	164	Setting Punch for Durable DOT		1

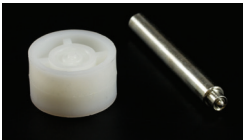
DOT® is a registered trademark of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.

Hand Tools for Fasnap® Fasteners

For setting Fasnap One-Way-Lift® socket/washers, turn fastener eyelets/washers and SnapFast® products. Contains a turn fastener driver.

Item #	Standard Package
275612	1

FASNAP®, One-Way-Lift® and SnapFast® are registered trademarks of The FASNAP Corporation.



248133

Fabric Fastener Kit

This die setting kit is used for installing DOT® Durable™ fasteners. The fabric fastener kit comes with a hand punch and fastener die for swift install. Use for setting DOT® Durable™ 10128 buttons, 10224 sockets, 10370 studs, and 10412 posts (all sold separately). The fasteners are ideal for use on canvas, tarps, tents, awnings, sailcloth, patio furniture, and more.

Item #	Style #	Description	Standard Package
248133	USC1T	Nos. 9896 and 9897 setting tools (2 pieces each bag)	1

DOT® is a registered trademark of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.



256071

Hand Press No. M-380E

Easily mounted to a wooden table or bench, this hand-operated press is designed to quickly and securely attach a wide assortment of metal and plastic fasteners. Interchangeable with all hand and foot machine dies, this hand press is a required tool for fabricators and features an adjustable lower die holder for greater flexibility and creativity.

Item #	Style #	Height	Standard Package	Weight
256071	M-380E	12 "	1	7 lbs.



223512



223510

Hand Press No. M-380E – Dies For DOT® Durable™ Fasteners

Item #	Style #	For Use With	Standard Package
223512	1412	BS-10370 Stud	1
223507	1407	BS-10412 eyelet	1
223501	1401	X2-10128/X2-10127 Button	1
223510	1410	XB-10224 Socket	1
275580	9557	XB-10342 Stud	1

DOT® is a registered trademark of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.



223558



275577

Hand Press No. M-380E – Dies for DOT® Pull-The-Dot® Fasteners

Item #	Style #	For Use With	Standard Package
223560	8059	XX-18201 socket	1
223558	9758	XE-18100 button	1
275577	9760	BS-18303 stud	1

DOT® and Pull-The-Dot® are registered trademarks of Scovill Fasteners, Inc.



248113



248111



248114



248112

Pliers – VISE-GRIP® Dies for DOT® Durable™

Item #	Style #	Description	For Use With	Standard Package
248113	MT480B	Metal Anvil Die	BS-10412 Eyelet #MT480B	1
248111	MT479B	Metal Anvil Die	X2-10128 Button #MT479B	1
248114	MT489A	Metal Clincher Die	BS-10370 Stud #MT489A	1
248112	MT482A	Metal Clincher Die	XB-10224 Socket #MT482B	1

VISE-GRIP® is a registered trademark of Irwin Tools. DOT® is a registered trademark of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.



275401



275411



275413



275415



275400

Pres-N-Snap®

Item #	Description	For Use With	Standard Package
275411	Baby Durable Die Set		1
275398	Bench Mount		1
275401	Die	#10128 Button	1
275404	Die	#10224 Socket	1
275428	Die	#10342 Gypsy Stud	1
275402	Die	#10370 Stud	1
275397	Die	#10379 Stud	1
275403	Die	#10412 Eyelet	1
275412	Die	#BS-16509 Washer	1
275413	Die	#XB-16358 Stud	1
275399	Frame		1
275417	Handle		1
275427	Lever		1
275405	M-2700 Rubber Ring	DOT Durable Dies	1
275415	Plunger		1
275400	Pres-N-Snap Complete Toolkit		1
275409	Rubber O-Ring		10
248172	Rubber O-Ring	#12 Stud Black	10
275416	Spring		1

275400 - Includes dies for 10128, 10224, 10370, 10412 durable fasteners – plus die for No. 1 grommet with plain washer.

Pres-N-Snap® is a registered trademark of Hoover Products. DOT® is a registered trademark of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.



275420



275425

Pres-N-Snap® – Grommet Dies

Item #	Description	For Use With	Standard Package
248167	Die Set	91-XB-78317-2G (#230377), 91-XB-78317-1A (#230549)	1
275422	Die Set	No. 0 Plain Grommets	1
275434	Die Set	No. 0 Self-Piercing Grommets	1
275421	Die Set	No. 00 Plain Grommets	1
275432	Die Set	No. 1 Grommets with Spur Washers	1
275419	Die Set	No. 1 Plain Grommets	1
275431	Die Set	No. 1 Self-Piercing Grommets	1
275420	Die Set	No. 2 Plain Grommets	1
275430	Die Set	No. 2 Self-Piercing Grommets	1
275425	Hole Punch	No. 1 Grommets	1
275426	Hole Punch	No. 2 Grommets	1

Pres-N-Snap® is a registered trademark of Hoover Products. DOT® is a registered trademark of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.



275590

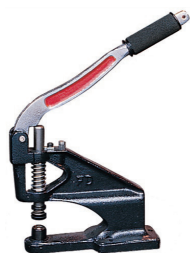
Quick-Fit™ Tool Kit

Quick-Fit holding tool snaps on to existing studs and provides a quick and easy way to hold material while fitting — no clamps necessary. Quick-Fit holds material in place on the holding pin, especially on a windy day. Quick-Fit release tool easily installs and removes the holding pin from the stud. Quick-Fit tools are great for fitting with material and also holding paper or plastic when making a pattern. Can be used over and over on job after job. Can be used on boat cockpit covers, side curtains, enclosures, console covers, carpet and pickup truck tonneau covers. Quick-Fit holding tools accurately mark the fabric cover where the snap sockets are to be placed.

Quick-Fit Tool Kit includes 25 Quick-Fit Caps, 50 Quick-Fit Sockets and 1 Quick-Fit Release Tool.

Item #	Description	Standard Package
275590	Tool Kit	1
275591	Caps	25
275595	Sockets with Points	25
275596	Release Tool	1

Quick-Fit™ is a trademark of Quick Fit Canvas Tools.



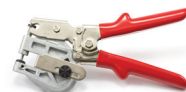
248185

Fasnap® PM5 Grommet Machine

The PM5 machine is an industry standard bench-mounted machine. It is made of tough ductile iron and has a deep throat with a longer padded handle. This machine uses standard 3/8 inch diameter shank dies that set self-piercing grommets up to size 300 (#4), and snap fasteners in one motion, swiftly and efficiently. Throat depth: 4-3/4 inch. Dies sold separately.

Item #	Description	Standard Package
248185	Fasnap PM5 Grommet Machine	1

FASNAP® is a registered trademark of The FASNAP Corporation.



256430

Hole Punch

Excellent for punching screw holes in aluminum molding, without leaving burred edges.

Makes a 1/8 inch or 3/16 inch hole. Punch is constructed from high-quality tool steel used in commercial high-production punch press dies. Body is lightweight, die cast aluminum with rust-resistant, nickel-plated steel handles and parts. Features a non-slip cushion handle grip.

Item #	Style #	Size	Standard Package
256430	HP18K	1/8 in. to 3/16 in. holes	1



248501



248502



248506

Engel Hot Knife

Cuts and seals the edges of synthetic fabrics to prevent fraying. The knife can be used with a cutting foot to eliminate the need for a special cutting base or surface. Designed for intermittent operation, the knife heats up in six to eight seconds. Temperature is controlled by a convenient trigger switch. All items are sold separately.

Use in well ventilated areas.

Item #	Style #	Description	Standard Package
248501	C851	Engel HSG-O Electric Hot Knife Cutter	1
248502	C852	Engel Hot Knife Blade 100R	1
248506	C856	Engel Hot Knife Cutting Foot	1



252248

Hand Notcher

Fast and easy cutting. Notcher makes a clean 30°, "V"-shaped cut in sheet metal. 13/16 inch maximum throat depth. Upper cutting jaw is drop forged, high-impact alloy steel. Hook design of cutting jaw facilitates notching to desired depth without slippage. Nickel plated and black oxide finish. Blue grips.

Item #	Style #	Length	Standard Package	Weight
252248	N1	8 in.	1	1 lb.



256094



256095



256098

Multi-Duty Hand Press No. W-1

This Osborne high quality hand machine cuts fabric and covers buttons. It uses 2 piece dies and short cutters. This hand machine has a reinforced frame and handle. It bolts to a table for added stability. The machine handles between 80-120 buttons per hour. It can also be used to set snaps, grommets and ventilators.

Item #	Style #	Description	Standard Package
256095	W-1H	Handle	1
256094	W-1	Osborne Multi-Duty Hand Press #W-1	1
256098	W-1 SPRING	Top Spring	1



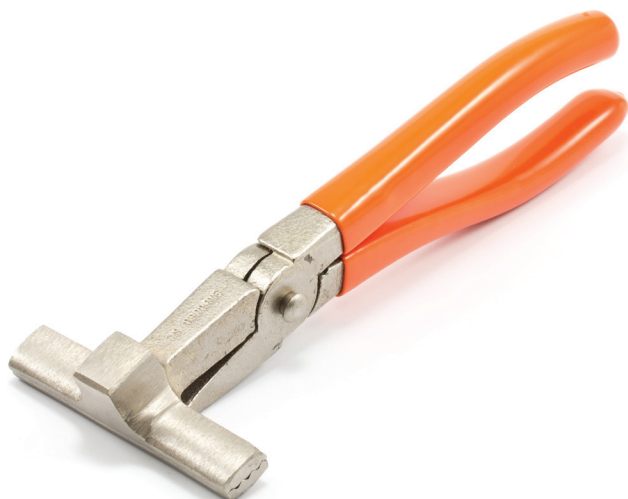
256300

256324

Multi-Duty Hand Press No. W-1 – Dies

Dies for setting snaps, grommets, and ventilators for the Osborne Multi-Duty Hand Press #W-1 (Item# 256094).

Item #	Style #	Description	Size	Size Hole	Standard Package
216491	WDIS-GRC2-75837	Setting Die and Hole Cutter #2 for Spur Washer	2	3/8 in.	1
256299	WDIGRC00	Setting Die #00 For Plain Washer	00		1
256300	WDIGRC0	Setting Die #0 For Plain Washer	0		1
256301	WDIGRC1	Setting Die #1 For Plain Washer	1		1
256302	WDIGRC2	Setting Die #2 For Plain Washer	2		1
256303	WDIGRC3	Setting Die #3 For Plain Washer	3		1
256304	WDIGRC4	Setting Die #4 For Plain Washer	4		1
256320	WDISGRC0	Setting Die #0 for Spur Washer	0		1
256321	WDISGRC1	Setting Die #1 for Spur Washer	1		1
256322	WDISGRC2	Setting Die #2 for Spur Washer	2		1
256323	WDISGRC3	Setting Die #3 for Spur Washer	3		1
256324	WDISGRC4	Setting Die #4 for Spur Washer	4		1
256333	WDIVS	Ventilator Die 3/4 in.			1
256334	684	Ventilator 3/4 in.			1



255250

Pliers – Fabric Pulling Pliers No. 250

No. 250 plier is made with a hammer jaw. The hammer acts as a lever if a strong pull is required. This is an excellent tool for stretching canvas and leather as well as webbing. It is ideal for pulling fabric over frames.

Item #	Style #	Length	Standard Package
255250	250	8-1/2 in.	1



256440

Revolving Punch No. 155

Used to punch holes in soft fabrics and leather goods. Made for tube sizes 1, 2, 3, 4, 5 and 6. The frame is made of highly polished forged steel. The cutting tubes are hand turned from high carbon tool steel and threaded to allow easy replacement.

Item #	Style #	Length	Standard Package	Weight
256440	155	8-1/2 in.	1	1 lb.



256452

Revolving Punch No. 155 – Cutting Tube Kit

Item #	Style #	Standard Package
256452	155T	1



256442

Revolving Punch No. 155 – Cutting Tubes

Item #	Style #	Size	Standard Package
256441	155T-1	3/32 in.	1
256442	155T-2	7/64 in.	1
256443	155T-3	1/8 in.	1
256444	155T-4	5/32 in.	1
256445	155T-5	11/64 in.	1
256446	155T-6	3/16 in.	1



256448

Revolving Punch No. 155 – Punch Anvil

A copper replacement base for the No. 155 Revolving Punch. The soft copper composition of this base is gentle on dies to provide longer service life.

Item #	Style #	Standard Package
256448	155A	1



268120

Sewing Kit

Exclusively from Trivantage®, our Sewing Kit puts sewing solutions right at your fingertips. This durable and useful kit can be used on a variety of fabrics and projects. The kit contains:

- Small curved scissor – Makes working on sewing machine threads much easier.
- Bent scissor – Great for cutting small threads and material that is close to a sewing machine needle.
- Solid ball seam ripper – This heavy-duty alternative to plastic seam rippers is primarily used for window replacements.
- Staple remover – Removes staples from fabric or upholstery easily and without pulls. Each tool is made from handcrafted stainless steel.

Item #	Standard Package
268120	1

Trivantage® is a registered trademark of Glen Raven, Inc.



214301

Thread Nippers

This 4.5-inch thread snip is sharp enough to trim even the finest fiber. Hot forged and fully double-plated with chrome over nickel, it's an essential sewing tool. The ball-bearing construction features a quick action spring return and precision ground blades.

With an ergonomic design and built-in thumb rest, the scissors are efficient and easy to handle. This means you can focus more on your craft and less on fraying thread. The nippers can withstand repeated sharpening for a smooth cut every time. Use for clipping threads or other light cutting functions.

Item #	Full Length	Standard Package
214301	4-1/2 in.	6



266225

Shears – Wiss® Upholstery, Carpet And Fabric Shears

Hot drop-forged, polished blades. One blade is ground to a knife-edge.

To attain the extra sharp knife edge, the cutting edge of the top blade is ground to a greater angle than regular shears. For this reason they will require more frequent sharpening than conventional Wiss Inlaid® Trimmers. However, a simple resharpening procedure will restore the edge quickly and easily. Do not stone the inside of this blade or the opposing blade.

Item #	Style #	Full Length	Length of Cut	Standard Package
266225	1225	10-1/4 in.	4-3/4 in.	1
266226	1226	12-1/4 in.	6-1/8 in.	1

Wiss® and Inlaid® are registered trademarks of Cooper Industries, Inc.



266022

Shears – Wiss® Upholstery, Drapery, Carpet And Fabric Shears – Heavy Duty

With thick, heavy-duty blades to cut through multiple layers and tough material. Hot drop-forged, polished standard edge blades.

To attain the extra sharp knife edge, the cutting edge of the top blade is ground to a greater angle than regular shears. For this reason they will require more frequent sharpening than conventional Wiss Inlaid® Trimmers. However, a simple resharpening procedure will restore the edge quickly and easily. Do not stone the inside of this blade or the opposing blade.

Item #	Style #	Full Length	Length of Cut	Standard Package
266019	20W	10-1/4 in.	4-3/4 in.	1
266022	22W	12-1/4 in.	6-1/8 in.	1

Wiss® and Inlaid® are registered trademarks of Cooper Industries, Inc.



266227

Shears – Ergonomic Shears

Ergonomic Shears have an extended bottom ring that allows you to use all four fingers and wear a glove, if needed. By using your whole hand, you have more comfort, less strain on the wrist and added cutting leverage. This bent trimmer is made from high-carbon steel with a knife edge and blue soft-coated handle for extra comfort. A chrome-over-nickel plating inside and out provides double rust prevention.

Item #	Style #	Full Length	Standard Package
266227	210LRK	10 in.	1



266027

Shears – Wiss® Industrial Shears

Hot drop-forged, nickel-plated shears with standard edge blades.

To attain the extra sharp knife edge, the cutting edge of the top blade is ground to a greater angle than regular shears. For this reason they will require more frequent sharpening than conventional Wiss Inlaid® Trimmers. However, a simple resharpening procedure will restore the edge quickly and easily. Do not stone the inside of this blade or the opposing blade.

Item #	Style #	Full Length	Length of Cut	Standard Package
266027	27	7-1/2 in.	3-1/8 in.	1
266028	28	8-1/8 in.	3-3/4 in.	1



266020

Shears – Wiss® Industrial Shears – Heavy Duty

Hot drop-forged, polished standard edge blades, with black handles. Style 20 LH is the left-handed version.

To attain the extra sharp knife edge, the cutting edge of the top blade is ground to a greater angle than regular shears. For this reason they will require more frequent sharpening than conventional Wiss Inlaid® Trimmers. However, a simple resharpening procedure will restore the edge quickly and easily. Do not stone the inside of this blade or the opposing blade.

Item #	Style #	Full Length	Length of Cut	Standard Package
266020	20	10-1/4 in.	4-3/4 in.	1
266021	20LH	10-1/4 in.	4-3/4 in.	1

Wiss® and Inlaid® are registered trademarks of Cooper Industries, Inc.



266016

Shears – Wiss® Shop Shears

Serrated bladed shears.

Item #	Style #	Full Length	Standard Package
266016	W912	10 in.	1

WISS® is a registered trademark of Cooper Industries, Inc.



266233

Shears – Kretzer®

Kretzer Scissors is the leading German scissors manufacturer. The quality and durability of these shears are only two of many aspects associated with German craftsmanship.

Item #	Style #	Description	Full Length	Standard Package
266232	73725	Trivantage® Shop Shears	10 in.	1
266233	K22	Trim Shears	12 in.	1
266234	K20	Trim Shears	10 in.	1
266235	KRE764425	Pinking Shears	10-1/2 in.	1
266236	72020	Trivantage® Trim Shears	8 in.	1
266237	KRE773225	Heavy Duty Shop Shears	10 in.	1

Kretzer® is a registered trademark of Johann Kretzer GmbH & Co.



268100

Staple Remover

Forged from 4140 alloy tempered steel.

Item #	Style #	Standard Package
268100	124	1



275599



Top-Snapper®

Built of marine-grade stainless steel with an easy to grip rubberized handle, makes snapping your canvas boat top into place easy and convenient. Just slide the ingenious, patented Top-Snapper over the snap, pull it into place, and snap it shut.

Item #	Style #	Standard Package
275599	008.1	1

Top-Snapper® is a registered trademark of Ironwood Pacific Inc.

Cutter – Tubing

Excellent portable tubing cutter for aluminum. Stainless steel cutting wheel sold separately.



248219



248221

Item #	Style #	Description	Standard Package
248219	TC312	Tube Cutter	1
248221	75046	Stainless Steel Cutting Wheel	1



216400

Cutter – Side Cutter

Typically used for plain and tooth grommet washers. For best results use Cutting Pad (Item No. 223449). Do not use with steel head hammers.

Item #	Style #	Size Hole	Standard Package
216400	00	3/16 in.	1
216401	0	1/4 in.	1
216402	1	9/32 in.	1
216403	2	3/8 in.	1
216404	3	7/16 in.	1
216405	4	1/2 in.	1
216406	5	5/8 in.	1
216407	6	3/4 in.	1
216409	8	1 in.	1



216504

Cutter – Special Cutter

Typically used for rolled rim spur grommet washers. For best results use Cutting Pad (Item No. 223449). Do not use with steel head hammers.

Item #	Style #	Size Hole	Standard Package
216499	00	3/16 in.	1
216501	0	1/4 in.	1
216502	1	5/16 in.	1
216503	2	3/8 in.	1
216504	3	7/16 in.	1
216505	4	1/2 in.	1
216506	5	5/8 in.	1
216507	6	3/4 in.	1
216508	7	7/8 in.	1
216509	8	1 in.	1



223410

Setting Die For Plain And Tooth Grommets And Washers

For inserting round grommets. Made of superior grade drop forged steel.

Setting Dies are guaranteed against defects in material and workmanship, but this guarantee is not intended to cover tools against wear, over-strain or steel hammering. To obtain maximum life of tools use Dead Blow Hammer, Rawhide Mallet, Cutting Pad and strike at 90 degree angle.

Item #	Style #	Description	Standard Package
223410	00	Osborne #216	1



223423

Item #	Style #	Description	Standard Package
223411	0	Osborne #216	1
223412	1	Osborne #216	1
223413	2	Osborne #216	1
223414	3	Osborne #216	1
223415	4	Osborne #216	1
223416	5	Osborne #216	1
223417	6	Osborne #216	1

Setting Die For Rolled Rim Grommets And Spur Washers

For inserting round grommets. Made of superior grade drop forged steel.

Setting Dies are guaranteed against defects in material and workmanship, but this guarantee is not intended to cover tools against wear, over-strain or steel hammering. To obtain maximum life of tools use Dead Blow Hammer, Rawhide Mallet, Cutting Pad and strike at 90 degree angle.

Item #	Style #	Description	Standard Package
223420	0	Osborne #217	1
223421	1	Osborne #217	1
223422	2	Osborne #217	1
223423	3	Osborne #217	1
223424	4	Osborne #217	1
223425	5	Osborne #217	1
223426	6	Osborne #217	1
223427	7	Osborne #217	1
223428	8	Osborne #217	1



216490

Punch Kit – Self-Centering

This handy and versatile kit contains a threaded handle with self-centering pointed plunger. Designed to accommodate nine interchangeable threaded cutting tubes in diameter sizes of 1/4 inch, 5/16 inch, 3/8 inch, 7/16 inch, 1/2 inch, 5/8 inch, 3/4 inch, 7/8 inch and 1 inch. The punches in this set will cleanly cut fabric, leather, rubber, paper, plastic and other soft materials.

Item #	Style #	Standard Package
216490	K156	1

Grommet Kit – Home

A complete and inexpensive kit for household use. Each kit consists of a grommet die, a cutting punch, 3 dozen grommets and washers, a small cutting board and complete instructions.

Item #	Style #	Grommet Size	Standard Package	Weight
248100	0	1/4 in.	1	1-1/2 lbs.
248101	1	9/32 in.	1	1-1/2 lbs.
248102	2	3/8 in.	1	1/3/4 lbs.
248103	3	7/16 in.	1	1/3/4 lbs.
248104	4	1/2 in.	1	1/3/4 lbs.

248102

Hammer – Dead Blow

Quick-change threaded faces are molded in one piece without metal plugs. Shot-filled heads reduce rebound and increase impact. Replacement faces in white nylon, medium red, extra hard yellow and tough brown polyurethane.

237000

237005

Item #	Style #	Description	Color	For Use With	Size	Standard Package	Weight
237000	DB175	Dead Blow Hammer			1-3/4 in.	1	2 lbs.
237002	175HF	Face Replacement	White	DB175 (#237000)	1-3/4 in.	1	
237003	250HF	Face Replacement	White	DB250 (#237001)	2-1/2 in.	1	
237004	175XF	Face Replacement	Yellow	DB175 (#237000)	1-3/4 in.	1	
237005	250TF	Face Replacement	Brown	DB250 (#237001)	2-1/2 in.	1	

Mallet/Maul – Rawhide

250801

Item #	Style #	Description	Standard Package	Weight
250809	196-2	Mallet	1	
250804		Maul Handle	1	
250806	393-3RR	Maul Leather Refill	1	
250807	393-4RR	Maul Leather Refill	1	
250808	393-6RR	Maul Leather Refill	1	
250800	393-2	Maul	1	2 lbs.
250801	393-3	Maul	1	2-12/ lbs.
250802	393-4	Maul	1	4-1/2 lbs.
250803	393-6	Maul	1	6 lbs.

Hammer – Rawhide With Split Head – No. 395

Ideal for use with arch punches, grommet dies or wherever a cushioned blow is desired. No trouble to replace faces. Just loosen the safety nut, remove worn face, insert replacement and tighten.

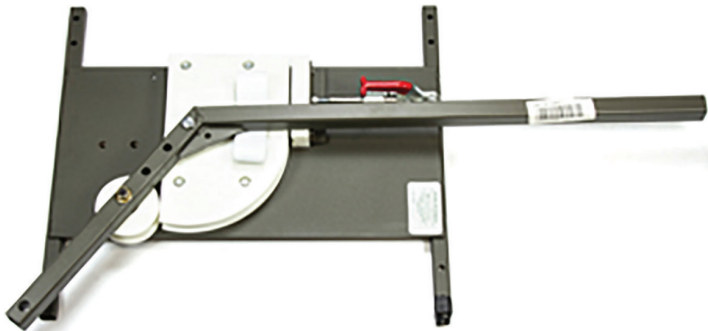
237015

Item #	Style #	Diameter of Face	Size	Standard Package	Weight
237013	395-1	1-1/4 in.	1	1	
237014	395-2	1-1/2 in.	2	1	2 lbs.
237015	395-3	1-3/4 in.	3	1	3 lbs.



Hammer – Rawhide Replacement Heads

Item #	Style #	Size	Standard Package
237020	395F-1	1	1
237021	395F-2	2	1
237022	395F-3	3	1



205304

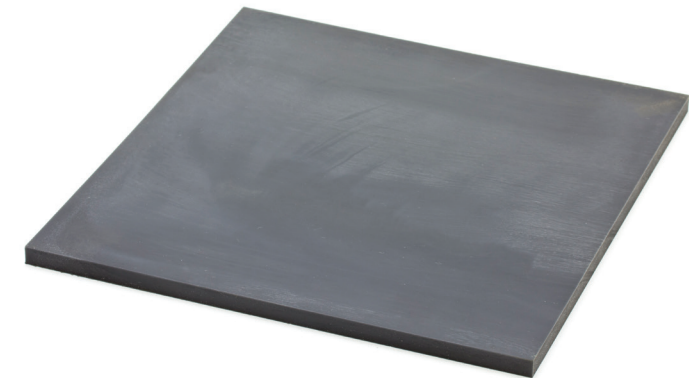
Bendarc Quick-Switch Bender

The Bendarc bends a 6, 8, 10 or 12 inch radius on either 7/8, 1, or 1-1/4 inch OD aluminum or stainless steel marine tubing. Designed for wall or bench mounting. Bends are formed using a long handle for leverage and with the aid of body weight. The Bendarc gives strong bends with smooth, rounded corners. Constructed of boiler plate steel with bearing supported roller. Rollers are high-density polymer for mar resistant contact with fine tubing finishes.

Interchangeable forming blocks, clamp blocks and rollers are also available to convert from a 6 inch radius to 8 inch or 10 inch, and a 7/8 inch OD tube to 1 inch OD. Switch sizes easily and quickly with only an Allen wrench and a 1/2 inch socket. Once forming block replacement is installed, only a finger tight adjustment of a nut on the clamp block is required.

Items are drop ship only.

Item #	Description	For	Radius	Standard Package
205348	Bearing Support Roller	1 in. round tubing		1
205349	Bearing Support Roller	1 in. square tubing		1
205347	Bearing Support Roller	1-1/4 in. round tubing		1
205346	Bearing Support Roller	7/8 in. round tubing		1
205344	Clamp Block Assembly	1 in. round tubing		1
205345	Clamp Block Assembly	1 in. square tubing		1
205350	Clamp			1
205340	Form Block	1 in. round tubing	10 in.	1
205338	Form Block	7/8 in. round tubing	10 in.	1
205343	Form Block	1 in. round tubing	12 in.	1
205341	Form Block	7/8 in. round tubing	12 in.	1
205332	Form Block	1 in. round tubing	6 in.	1
205330	Form Block	7/8 in. round tubing	6 in.	1
205336	Form Block	1 in. round tubing	8 in.	1
205334	Form Block	7/8 in. round tubing	8 in.	1
205352	Pull Down Handle			1



223449

Cutting Pad

Made of a special formula resilient vinyl plastic, these tough cutting pads are ideal for use with Osborne Punches. They are long wearing and can be used on both sides. Use on a solid base for best results.

Item #	Style #	Material	Size	Standard Package
223449	603	Urethane	10 in. x 10 in. x 3/8 in.	1



237016

Hammer – Magnetic Tack

Item #	Style #	Description	Standard Package
237016	33	Magnetic Tack Hammer	1

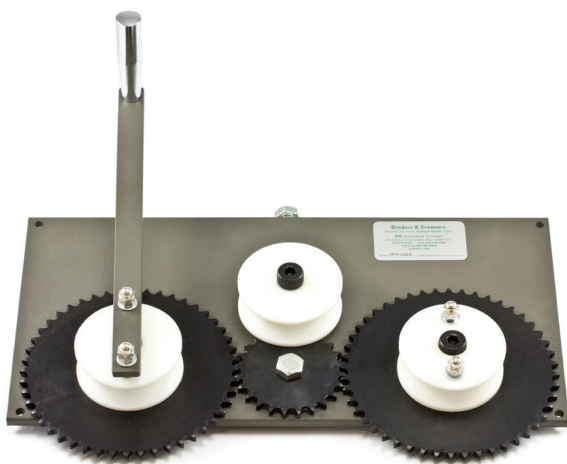
Item #	Description	For	Radius	Standard Package
205337	Steel Encased Form Block	1 in. square tubing	10 in.	1
205321	Tube Bender With Steel Encased Form Block	1 in. square tubing	10 in.	1
205319	Tube Bender With Steel Encased Form Block	1 in. square tubing	12 in.	1
205320	Tube Bender	1 in. tubing	10 in.	1
205313	Tube Bender	1-1/4 in. tubing	10 in.	1
205318	Tube Bender	7/8 in. tubing	10 in.	1
205315	Tube Bender	1 in. tubing	12 in.	1
205304	Tube Bender	1 in. tubing	6 in.	1
205316	Tube Bender	1 in. tubing	8 in.	1
205314	Tube Bender	7/8 in. tubing	8 in.	1



999075

Hand Roller

Item #	Style #	Material	Standard Package	Width
999075	11-150	Silicone	1	1.75 in.



Crownarc Crown Bender

Bends 7/8 inch, 1 inch or 1-1/4 inch outside diameter marine tubing using the same dies. The crown radius is adjustable from 30 inch minimum to infinity. The only Crownarc with gear drive; Crownarc's crank turns both lower wheels and "takes a bigger bite" to get more crown per pass. The Z wheel drive system makes control much easier. The back plate is boiler plate steel and rollers are high-density polymer for mar resistant contact with fine marine tubing. The center roller is fully adjustable.

The Crownarc is supplied with rollers cut for 1 inch diameter marine tubing. This easily crowns 1 inch and 7/8 inch stainless or aluminum marine tubing. Bender can be mounted on the wall, on a table or on the side or rear of a truck.

Item #	Description	For	Radius	Standard Package
205329	Gear Mounted Roller	1 in. square tubing	1 in.	1
205327	Tube Bender	1 in. square tubing		1
205362	Tube Bender	1-1/4 in. round tubing		1
205325	Tube Bender	7/8 in. and 1 in. tubing		1