## **Alexander Roberts**



#### Aircraft Eyes - 316 Stainless

Aircraft Eyes have a thinner head and smaller pin diameter than marine eyes for a given wire diameter. \*Clevis pin not included.



Part No.	Wire Dia. (Inch.)	Wire Dia. (MM)	Pin Dia	
SWAE0306-1	3/32"		3/16"	
SWAE0406-1	1/8"		3/16"	
SWAE0508-1	5/32"	4mm	1/4"	
SWAE0610-1	3/16"		5/16"	
SWAE0710-1	7/32"		5/16"	
SWAE0812-1	1/4"		3/8"	
SWAE0914-1	9/32"	7mm	7/16"	
SWAE1014-1	5/16"	8mm	7/16"	
SWAE1216-1	3/8"		1/2"	
*See page 33 for clevis pins				

#### Aircraft Forks - 316 Stainless

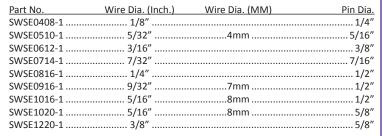
Similar to MS200667, but not for aircraft use. Commonly used on smaller rigs with single tangs. Used with split backstay systems and sometimes at the backstay chainplates.

\*Clevis pin not included.

Part No.	Wir Dia. (Inch.)	Wire Dia. (MM)	Pin Dia	
SWAF0306-1	3/32"		3/16"	
SWAF0406-1	1/8"		3/16"	
SWAF0508-1	5/32"	4mm	1/4"	
SWAF0610-1	3/16"		5/16"	
SWAF0710-1	7/32"		5/16"	
SWAF0812-1	1/4"		3/8"	
SWAF0914-1	9/32"	7mm	7/16"	
SWAF1014-1	5/16"	8mm	7/16"	
SWAF1216-1	3/8"		1/2"	
*See page 33 for clevis pins.				

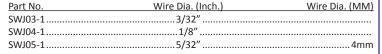
#### Sailmakers Eyes

Sailmakers Eyes are special terminals used on the ends of luff wires for some furling systems. The extra hole in the fitting is used by sailmakers to seize the head and tack of the sail to the luff wire.



#### J-Hooks - 316 Stainless

Used for dinghy shrouds and trapeze wire connections.



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#### **T-Terminals**

Also known as "T-Balls", these fittings are used on the upper ends of shrouds and inner-forestays.

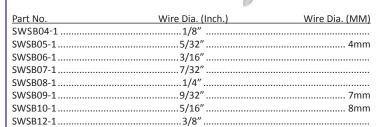


				Head Thickness	Head Width
	Part No.	Wire Dia. (Inch.)	Wire Dia. (MM)	MM	MM
	SWTB03-1	3/32"		6.35	13.34
	SWTB04-1	1/8"		6.35	14.10
	SWTB05-1	5/32"	4mm	8.89	18.80
	SWTB06-1	3/16"		11.10	21.51
	SWTB06S-1*	3/16"		9.09	18.80
		7/32"			
	SWTB08-1	1/4"		14.48	30.48
		9/32"			
		5/16"			
ı		3/8"			
ı					

\*SWTB06S-1 is designed for an old style backing plate which has four fastener holes and a thinner slot.

Pay special attention to the head thickness when ordering Shroud & T-Terminals. The head thickness varies by manufacture. Proper sizing is critical for fitting in backing plate.

#### **Stemball Terminals**



# Welded Loop Furling Eyes - 316 Stainless

Unique and difficult to find swage terminal, typically used on forestays of multihulls with rotating masts.

Part No.	Wire Dia. (Inch.)	Wire Dia. (MM)
SWSEW04-1	1/8"	3mm
SWSEW05-1	5/32"	4mm
	3/16"	
	7/32"	
	1/4"	
SWSEW09-1	9/32"	7mm

### Stemball Eyes w/ Cup

For use with mastheads made by Isomat, Franspar or Sparcraft. Includes cup washer.



Part No.	Pin Dia.	Head Dia.
SBE0612-OS	3/8"	26.0 mm
SBE0614-OS	7/16"	26.0 mm
SBE0816-OS	1/2"	26.0 mm
SBE1016-1	1/2"	28.59 mm
SBE1020-1	5/8"	28.59 mm
SBE1220-OS	5/8"	34.0 mm
SBE1424-OS	3/4"	34.0 mm



#### T-Terminal Backing Plates





Part No.	Wire Dia. Inches	Wire Dia. MM	Width MM	Height MM
BP03/04-1	3/32"		7.03	12.79
BP03/04-1	1/4"		7.03	12.79
BP05-1	5/32"	4mm	12.00	23.20
BP06-1	3/16"		10.00	27.00
BP07/08/09-1	7/32"		15.30	33.00
BP07/08/09-1	1/4"		15.30	33.00
BP07/08/09-1	9/32"	7mm	15.30	33.00
BP10/12-1	5/16"	8mm	19.18	41.37
BP10/12-1	3/8"		19.18	41.37
*Fits the old style Gibb terminal. It has four fastener holes and a thin slot.				

#### **Retaining Plugs for T-Bar Backing Plates**





Part No.	Wire Dia. Inches	Wire Dia. MM
BPP04-3	1/8"	3mm
		4mm
		5mm
BPP08-3	1/4"-9/32"	6mm-7mm
BPP10-3	5/16"-3/8"	8mm-10mm

#### **Threaded T-Terminals**





Part Number	Thread*	Head Height (MM)	Head Width (MM)
TTS08L-1	1/4"	6.35	14.10
TTS10L-1	5/16"	8.89	18.80
TTS12L-1	3/8"	11.10	21.51
TTS14L-1	7/16"	14.48	30.48
TTS16L-1	1/2"	14.48	30.48
TTS20L-1	5/8"	17.91	32.13
*All threaded T-Bars are Left-Hand UNF			

## **Terminal Rings**





Fits into Gibb-style T-Ball Backing Plates. Designed for an eye splice of high tech rope to take the place of a wire rope swage T-Terminal.

Part No.	Head Height	Head Width
TR04-1	6.35mm	14.10mm
TR05-1	8.89mm	18.80mm
TR06-1	11.10mm	21.51mm
TR08-1	14.48mm	30.48mm
TR10-1	17.91mm	32.13mm

## Eye Jaw Toggles - Chrome Bronze





Highly polished chrome over forged bronze; used to extend standing rigging by adding to the bottom of the turnbuckle. Use with classic fixed fork turnbuckles to provide toggle action at the chainplate. Used at the top of headstays and backstays to provide toggle action. Special order Bronze finish by substituting "B" for "C" in the part number. Price is the same for bronze or chrome.

Part No.	Pin-to-Pin	Pin Size
EJC08-1	1 1/16"	1/4"
EJC10-1	1 3/8" 1 5/8"	5/16"
EJC12-1	1 5/8"	3/8"
EJC14-1		7/16"
FIC16-1	2 1/16"	1/2"
EJC20-1		5/8"
EJC24-1	3 1/16"	3/4"
EJC24-1	3 1/16"	3/4"

## Delta Plates - 316 Stainless SCHAEFER JOHNSON

Commonly used in split backstays to join the upper piece with the two lower legs. Double plates are designed to be used in pairs and not split up for use as a single plate.



Part No.	Туре	Pins Included	Base Pin	Top Pin
DP0808-2	Single	No	1/4"	1/4"
DP1010-2	Double	No	5/16"	5/16"
DP1212-2	Double	No	3/8"	3/8"
SCH84-44	Double	Yes	1/4"	1/4"
SCH84-45	Double	Yes	5/16"	5/16"
SCH84-97	Double	Yes	5/16"	3/8"
SCH84-46	Double	Yes	3/8"	3/8"
SCH84-98	Double	Yes	3/8"	1/2"
SCH84-47	Double	Yes	1/2"	1/2"
SCH84-99	Double	Yes	1/2"	5/8"
SCH84-48	Double	Yes	5/8"	5/8"

#### Link Plate Extenders - 316 Stainless

## Johnson

Supplied as double plates with clevis pins. These pairs are not designed to be split up for use as singles. Commonly used to extend short rigging or to raise the furling system drum at the stemhead.



Part No.	Pin-to-Pin	Pin Size
LPE08	3 3/4"	1/4"
LPE10	4 3/8"	5/16"
LPE12	5"	3/8"
LPE16	5 5/8"	1/2"
LPE20	6 7/8"	5/8"

#### Link Plate Adapters - 316 Stainless

## **Johnson**



Part No.	Pin-to-Pin	Pin Size
LPA10	1 5/16"	5/16"
LPA12	1 1/8"	3/8"
LPA1216	1 5/16"	3/8-1/2"
LPA16	1 5/16"	1/2"
LPA1620	1 5/8"	1/2-5/8"
LPA20	15/8"	5/8"
	2"	•

#### Strap Toggles - 316 Stainless



High fatigue fitting designed for use with corresponding pin sizes of marine eyes.



Part No.	Pin-to-Pin	Pin Size
EJS08-2	1"	1/4"
EJS10-2	1 1/4"	5/16"
EJS12-3	1 13/16"	3/8"
EJS14-3	2"	7/16"
EJS16-3	2 3/16"	1/2"
EJS20-3	2 1/2"	5/8"
EJS24-3	2 7/8"	3/4"
EJS28-3	3 5/16"	7/8"
EJS32-3	1 11/16"	1"