



Upper Quadrant Spectacles

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NOTE: Spectacles complete do not include roundels which must be ordered separately when desired. See Plate H1822 for roundels.

Drawing references are shown for convenience in checking shipping lists and invoices.

Fig. No.	Name	Drawing Reference
Order by plate, figure number and name		
A	Spectacle Complete as shown, for Top of Mast Signals using Mechanism shown on Plate H0903. Three light, 90° throw, 13" centers, takes 8 $\frac{3}{8}$ " Roundels, used with 1" square Shaft. Includes Bezel Rings and Bolts. R. S. A. Std. (1-1, 1-2, 3-16, 12-25, 5-29).....	47460
A1	Spectacle Complete, same as Fig. A, except used with $\frac{3}{4}$ " to $\frac{7}{8}$ " tapered Shaft. (1-1a, 1-2, 3-16, 12-25, 5-29).....	
B	Spectacle Complete, for Top of Mast Signals using Mechanism shown on Plate H0901 and also for Base of Mast Signals. Three light, 90° throw, 13" centers, takes 8 $\frac{3}{8}$ " Roundels, used with 1" square Shaft. Same as Fig. A, except with Counterweight Fig. 18. (1-A, 1-18a).....	45635
B1	Spectacle Complete, same as Fig. B, except used with $\frac{3}{4}$ " to $\frac{7}{8}$ " tapered Shaft. (1-A1, 1-18a).....	
C	Spectacle Complete as shown, for mechanically operated Arms. Three light, 90° throw, 13" centers, takes 8 $\frac{3}{8}$ " Roundels, used with 1" square Shaft. Includes Bezel Rings, Bolts, Stud, Washer and Cotter Pin. R. S. A. Std. (1-2, 1-3, 1-4a, 3-16, 12-25, 5-29).....	47461
C1	Spectacle Complete, same as Fig. C, except used with $\frac{3}{4}$ " to $\frac{7}{8}$ " tapered Shaft. (1-2, 1-3a, 1-4a, 3-16, 12-25, 5-29).....	
D	Spectacle Complete, for 45° to 90° mechanically operated Arms, and for fixed Arm at 45°. Three light, 90° throw, 13" centers, takes 8 $\frac{3}{8}$ " Roundels, used with 1" square Shaft. Includes Bezel Rings, Bolts, Stud, Washer, Cotter Pin, Stop Fig. 23 and Rivets. R. S. A. Std. (1-C, 2-22, 1-23)	
D1	Spectacle Complete, same as Fig. D, except used with $\frac{3}{4}$ " to $\frac{7}{8}$ " tapered Shaft. (1-C1, 2-22, 1-23).....	
E	Staggered Light Spectacle Complete as shown, three light, 90° throw, 13" centers, takes 8 $\frac{3}{8}$ " Roundels, used with 1" square Shaft. Includes Bezel Rings and Bolts. R. S. A. Std	47462

Upper Quadrant Spectacles

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Fig. No.	Name	Drawing Reference
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F	Staggered Light Spectacle Complete as shown, for mechanically operated Arms. Three light, 90° throw, 13" centers, takes 8 $\frac{3}{8}$ " Roundels, used with 1" square Shaft. Includes Bezel Rings, Bolts, Stud, Washer and Cotter Pin. R. S. A. Std.	47456
G	Staggered Light Spectacle Complete, for 45° to 90° mechanically operated Arms and for fixed Arm at 45°. Same as Fig. F, except with Stop Fig. 23 and Rivets. R. S. A. Std. (1-F, 2-22, 1-23)	
H	Staggered Light Spectacle Complete as shown, for fixed Arm. Three light, 90° throw, 13" centers, takes 8 $\frac{3}{8}$ " Roundels. Includes Bezel Rings and Bolts. For application with Bearing see Plate H1804.	
J	Spectacle Complete as shown, for fixed Arm. Three light, 90° throw, 13" centers, takes 8 $\frac{3}{8}$ " Roundels. Includes Bezel Rings and Bolts. For application with Bearing see Plate H1804.	43191
K	Spectacle Complete as shown in full lines. Two light, 90° throw, 13" centers, used with 1" square Shaft. (1-5, 1-6, 1-11, 4-30, 4-30a)	32773
M	Spectacle Complete, same as Fig. K, except with Shield Fig. 8 shown in dotted lines. (1-K, 1-8, 6-28)	38050
M1	as above, except with Counterweight Fig. 9. (1-K, 1-8, 1-9, 1-10, 6-28)	
N	Staggered Light Spectacle Complete, with Spectacle Fig. 5 and Shield Fig. 7 as shown in dotted lines. Two light, 90° throw, 13" centers, used with 1" square Shaft. (1-5, 1-6, 1-7, 1-11, 1-12, 6-28, 4-30a, 4-31)	44926
P	Spectacle Complete as shown, four light, 90° throw 13" centers takes 8 $\frac{3}{8}$ " Roundels, used with 1" square Shaft. Includes Bezel Rings and Bolts. (1-13, 1-14, 1-15, 3-16, 1-17, 15-24, 1-27, 5-29, 2-32)	40117
1	Hub, for Spectacles Complete Figs. A and B. Used with 1" square Shaft.	38902

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Fig. No.	Name	Drawing Reference
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1a	Hub, for Spectacles Complete Figs. A1 and B1. Used with $\frac{3}{4}$ " to $\frac{7}{8}$ " tapered Shaft.....	43729
2	Spectacle, for Spectacles Complete, Figs. A, A1, B, B1, C, C1, D and D1.....	38904
3	Hub, for Spectacles Complete Figs. C and D. Used with 1" square Shaft.....	38903
3a	Hub, for Spectacles Complete Figs. C1 and D1. Used with $\frac{3}{4}$ " to $\frac{7}{8}$ " tapered Shaft.....	44717
4	Stud only, $\frac{7}{8}$ ", for Mechanical Spectacles Complete Figs. C, C1, D, D1, F and G.....	10342
4a	as above, except with Washer and $\frac{3}{16}$ " x $1\frac{1}{2}$ " Cotter Pin.....	
5	Spectacle, for Spectacles Complete Figs. K, M, M1 and N.....	32774
6	Blade Grip, for Spectacles Complete Figs. K, M, M1 and N.....	32775
7	Shield, for Spectacle Complete Fig. N.....	44927
8	Shield, for Spectacles Complete Figs. M and M1.....	33866
9	Counterweight, for Spectacle Complete Fig. M1.....	35959
10	Rivet, $\frac{1}{2}$ " x $1\frac{3}{8}$ " rd. hd., for fastening Counterweight Fig. 9 to Spectacle Fig. 5.....	0228
11	Grip Plate, for Spectacles Figs. K, M, M1 and N.....	31006
12	Spacer Plate, for Spectacle Complete Fig. N.....	31007
13	Hub, for Spectacle Complete Fig. P. Used with 1" square Shaft.....	40118
14	Spectacle, for Spectacle Complete Fig. P.....	40120
15	Counterweight, for Spectacle Complete Fig. P.....	40119
16	Bezel Ring.....	47148
17	Bezel Ring, for lower light of Spectacle Complete Fig. P. only.....	47256
18	Counterweight, for Spectacles Complete Figs. B and B1.....	45633
18a	as above, except with Bolts and Washers. (1-18, 3-19, 3-20, 3-21).....	
19	Bolt, $\frac{3}{8}$ " x 2" sq. hd. with sq. Nut, for fastening Counterweight Fig. 18 to Spectacle.....	08
20	Washer, for Bolt Fig. 19.....	4552
21	Lock Washer, for Bolt Fig. 19.....	0569
22	Rivet, $\frac{3}{8}$ " x $1\frac{1}{2}$ ", for fastening Filler Block Fig. 23 to Spectacle.....	0428

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Fig. No.	Name	Drawing Reference
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23	Filler Block, for Spectacles Figs. D, D1, G and G1 when operating from 45° to 90° or when used as fixed Arm at 45°	36208
24	Bolt, $\frac{1}{4}$ " x $\frac{3}{8}$ " sq. hd. with sq. Nut, for fastening Bezel Rings Figs. 16 and 17 to Spectacle Fig. P	29254
25	Bolt, $\frac{1}{4}$ " x $\frac{5}{8}$ " sq. hd. with sq. Nut, for fastening Bezel Ring Fig. 16 to Spectacles Figs. A, A1, B, B1, C, C1, D and D1	0300
26	Bolt, $\frac{1}{4}$ " x $\frac{3}{4}$ " sq. hd. with sq. Nut, for fastening Bezel Ring Fig. 16 to Spectacles Figs. E, F, G, H and J	0134
27	Bolt, $\frac{1}{4}$ " x $\frac{7}{8}$ " sq. hd. with sq. Nut, for fastening Bezel Ring Fig. 16 to Spectacle Fig. P	0232
28	Bolt, $\frac{3}{8}$ " x $\frac{3}{4}$ " sq. hd. with sq. Nut, for fastening Shields Fig. 7 and Fig. 8 to Spectacle Fig. 5	31070
29	Bolt, $\frac{3}{8}$ " x 1" sq. hd. with sq. Nut, for fastening Spectacles Figs. 2 and 14 to Hubs Figs. 1, 1a, 2, 2a and 13	06
30	Bolt, $\frac{1}{2}$ " x $1\frac{3}{4}$ " sq. hd with sq. Nut, for fastening Spectacle Fig. 5 to Blade Grip Fig. 6 on Spectacles Figs. K, M and M1	0390
30a	Lock Washer for Bolts Figs. 30 and 31	091
31	Bolt, $\frac{1}{2}$ " x 3" sq. hd. with sq. Nut, for fastening Spectacle Fig. 5 to Blade Grip Fig. 6 on Spectacle Fig. N	0242
32	Bolt, $\frac{5}{8}$ " x 3" sq. hd. with hex. Nut, for fastening Counterweight Fig. 15 to Hub Fig. 13	39513