



TM

oval sizing data

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Major	Minor	Equivalent Round	Major	Minor	Equivalent Round	Major	Minor	Equivalent Round	Major	Minor	Equivalent Round	Major	Minor	Equivalent Round					
13	X	3	6.4	18	X	10	14.0	72	X	12	29.3	35	X	16	24.7	119	X	18	45.7
14	X	3	6.6	20	X	10	14.8	75	X	12	29.8	38	X	16	25.8	125	X	18	46.7
16	X	3	7.0	23	X	10	15.9	79	X	12	30.4	42	X	16	27.0				
17	X	3	7.1	26	X	10	16.8	82	X	12	30.9	45	X	16	27.9	27	X	20	24.0
				29	X	10	17.7	85	X	12	31.4	48	X	16	28.8	30	X	20	25.4
14	X	4	7.7	32	X	10	18.5	88	X	12	31.8	51	X	16	29.6	33	X	20	26.8
15	X	4	8.0	36	X	10	19.5	91	X	12	32.3	54	X	16	30.4	36	X	20	28.0
17	X	4	8.4	39	X	10	20.3	94	X	12	32.7	57	X	16	31.1	39	X	20	29.2
18	X	4	8.6	42	X	10	20.9	97	X	12	33.1	60	X	16	31.8	42	X	20	30.3
20	X	4	9.0	45	X	10	21.6	100	X	12	33.5	64	X	16	32.8	46	X	20	31.7
				48	X	10	22.2	104	X	12	34.1	67	X	16	33.4	49	X	20	32.7
13	X	5	8.4	51	X	10	22.8	107	X	12	34.5	70	X	16	34.1	52	X	20	33.6
15	X	5	9.0	54	X	10	23.3					73	X	16	34.7	55	X	20	34.5
17	X	5	9.5	58	X	10	24.0	18	X	14	16.3	76	X	16	35.3	58	X	20	35.4
18	X	5	9.8	61	X	10	24.6	21	X	14	17.8	79	X	16	35.9	61	X	20	36.2
19	X	5	10.0	64	X	10	25.1	24	X	14	19.1	83	X	16	36.7	64	X	20	37.1
21	X	5	10.5	67	X	10	25.5	27	X	14	20.3	86	X	16	37.2	68	X	20	38.1
				70	X	10	26.0	30	X	14	21.4	89	X	16	37.8	71	X	20	38.8
13	X	6	9.2	73	X	10	26.5	33	X	14	22.5	92	X	16	38.3	74	X	20	39.6
14	X	6	9.6	77	X	10	27.0	36	X	14	23.4	95	X	16	38.8	77	X	20	40.3
16	X	6	10.2	80	X	10	27.5	39	X	14	24.3	99	X	16	39.5	80	X	20	41.0
17	X	6	10.5	83	X	10	27.9	43	X	14	25.5	101	X	16	39.9	83	X	20	41.6
19	X	6	11.1	86	X	10	28.3	46	X	14	26.3	104	X	16	40.3	87	X	20	42.5
20	X	6	11.3	89	X	10	28.7	49	X	14	27.0					90	X	20	43.1
22	X	6	11.8	92	X	10	29.1	52	X	14	27.7	25	X	18	21.9	93	X	20	43.8
25	X	6	12.5	95	X	10	29.5	55	X	14	28.4	28	X	18	23.3	96	X	20	44.4
28	X	6	13.1	98	X	10	29.8	59	X	14	29.3	31	X	18	24.6	99	X	20	44.9
32	X	6	13.9	102	X	10	30.3	62	X	14	30.0	34	X	18	25.9	102	X	20	45.5
35	X	6	14.5	105	X	10	30.7	65	X	14	30.6	37	X	18	27.0	111	X	20	47.2
38	X	6	15.0	108	X	10	31.0	68	X	14	31.2	40	X	18	28.1				
41	X	6	15.4					70	X	14	31.6	44	X	18	29.4	25	X	22	23.8
44	X	6	15.9	15	X	12	13.8	71	X	14	31.8	47	X	18	30.3	29	X	22	26.0
				17	X	12	14.8	74	X	14	32.4	50	X	18	31.2	32	X	22	27.5
13	X	8	10.6	18	X	12	15.3	77	X	14	32.9	53	X	18	32.1	35	X	22	28.9
15	X	8	11.4	22	X	12	17.0	81	X	14	33.6	56	X	18	32.9	38	X	22	30.2
16	X	8	11.8	25	X	12	18.1	84	X	14	34.1	59	X	18	33.7	41	X	22	31.4
18	X	8	12.5	28	X	12	19.2	87	X	14	34.6	63	X	18	34.7	44	X	22	32.5
21	X	8	13.5	31	X	12	20.1	90	X	14	35.1	66	X	18	35.5	48	X	22	34.0
24	X	8	14.4	34	X	12	21.0	93	X	14	35.6	69	X	18	36.2	51	X	22	35.0
27	X	8	15.2	38	X	12	22.1	96	X	14	36.1	72	X	18	36.9	54	X	22	36.0
30	X	8	15.9	41	X	12	22.9	99	X	14	36.6	75	X	18	37.5	57	X	22	36.9
33	X	8	16.6	44	X	12	23.6	102	X	14	37.0	78	X	18	38.2	60	X	22	37.8
37	X	8	17.5	47	X	12	24.4	106	X	14	37.6	82	X	18	39.0	63	X	22	38.7
40	X	8	18.1	50	X	12	25.0	108	X	14	37.9	85	X	18	39.6	66	X	22	39.6
43	X	8	18.6	53	X	12	25.7	118	X	14	39.3	88	X	18	40.2	70	X	22	40.7
46	X	8	19.2	57	X	12	26.5					91	X	18	40.8	73	X	22	41.4
49	X	8	19.7	60	X	12	27.1	23	X	16	19.9	94	X	18	41.4	76	X	22	42.2
53	X	8	20.3	63	X	12	27.7	26	X	16	21.2	97	X	18	41.9	79	X	22	42.9
				66	X	12	28.2	29	X	16	22.5	100	X	18	42.5	82	X	22	43.7
17	X	10	13.6	69	X	12	28.7	32	X	16	23.7	103	X	18	43.0	85	X	22	44.4



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Major	Minor	Equivalent Round	Major	Minor	Equivalent Round	Major	Minor	Equivalent Round	Major	Minor	Equivalent Round	Major	Minor	Equivalent Round					
88	X	22	45.1	86	X	26	48.9	100	X	30	56.6	78	X	36	55.4	61	X	42	52.4
92	X	22	46.0	89	X	26	49.7	103	X	30	57.4	81	X	36	56.5	67	X	42	55.2
95	X	22	46.6	93	X	26	50.7					84	X	36	57.5	71	X	42	56.9
98	X	22	47.2	95	X	26	51.2	39	X	32	36.2	93	X	36	60.4	74	X	42	58.2
101	X	22	47.9	99	X	26	52.1	42	X	32	37.7	102	X	36	63.0	77	X	42	59.4
123	X	22	52.1					45	X	32	39.2	110	X	36	65.3	80	X	42	60.6
130	X	22	53.3	32	X	28	30.4	48	X	32	40.7	115	X	36	66.6	84	X	42	62.1
				35	X	28	32.1	51	X	32	42.0	120	X	36	68.0	87	X	42	63.2
27	X	24	25.9	38	X	28	33.7	54	X	32	43.3					89	X	42	63.9
31	X	24	28.0	41	X	28	35.1	57	X	32	44.6	42	X	38	40.5	93	X	42	65.3
34	X	24	29.6	44	X	28	36.5	61	X	32	46.2	45	X	38	42.2	96	X	42	66.4
37	X	24	31.0	47	X	28	37.8	64	X	32	47.3	48	X	38	43.8				
40	X	24	32.3	50	X	28	39.1	67	X	32	48.4	51	X	38	45.4	51	X	44	48.3
43	X	24	33.5	54	X	28	40.6	70	X	32	49.5	54	X	38	46.9	57	X	44	51.5
46	X	24	34.7	57	X	28	41.8	73	X	32	50.5	57	X	38	48.3	60	X	44	53.0
49	X	24	35.9	60	X	28	42.9	76	X	32	51.5	60	X	38	49.7	66	X	44	55.9
53	X	24	37.3	63	X	28	43.9	80	X	32	52.8	64	X	38	51.4	70	X	44	57.7
56	X	24	38.3	66	X	28	44.9	83	X	32	53.8	67	X	38	52.7	75	X	44	59.9
59	X	24	39.3	69	X	28	45.9	86	X	32	54.7	70	X	38	53.9	79	X	44	61.6
62	X	24	40.2	72	X	28	46.8	89	X	32	55.6	73	X	38	55.1	85	X	44	63.9
65	X	24	41.2	76	X	28	48.1	92	X	32	56.4	76	X	38	56.2				
69	X	24	42.3	79	X	28	48.9	95	X	32	57.3	79	X	38	57.3	63	X	46	55.6
71	X	24	42.9	82	X	28	49.8					82	X	38	58.4	69	X	46	58.5
75	X	24	44.0	85	X	28	50.6	40	X	34	37.6	86	X	38	59.8	72	X	46	59.8
78	X	24	44.8	88	X	28	51.5	44	X	34	39.8	89	X	38	60.8	85	X	46	65.3
81	X	24	45.6	91	X	28	52.2	47	X	34	41.3	92	X	38	61.8	87	X	46	66.1
84	X	24	46.3	94	X	28	53.0	50	X	34	42.8	95	X	38	62.7				
88	X	24	47.3	98	X	28	54.0	53	X	34	44.1					51	X	48	49.9
90	X	24	47.8					56	X	34	45.5	43	X	40	41.9	55	X	48	52.3
94	X	24	48.7	34	X	30	32.5	60	X	34	47.1	47	X	40	44.2	58	X	48	54.0
97	X	24	49.4	37	X	30	34.1	63	X	34	48.4	50	X	40	45.9	61	X	48	55.6
100	X	24	50.1	40	X	30	35.7	66	X	34	49.5	53	X	40	47.4	64	X	48	57.1
103	X	24	50.7	43	X	30	37.2	69	X	34	50.6	56	X	40	48.9	67	X	48	58.6
109	X	24	52.0	46	X	30	38.6	72	X	34	51.7	59	X	40	50.4	70	X	48	60.1
36	X	26	31.6	49	X	30	39.9	75	X	34	52.8	62	X	40	51.8	73	X	48	61.5
39	X	26	33.0	52	X	30	41.2	88	X	34	57.1	65	X	40	53.1	77	X	48	63.3
42	X	26	34.4	56	X	30	42.8	91	X	34	58.0	69	X	40	54.8	80	X	48	64.6
45	X	26	35.7	58	X	30	43.6	101	X	34	60.9	72	X	40	56.0	83	X	48	65.9
48	X	26	36.9	62	X	30	45.1					75	X	40	57.2	86	X	48	67.1
52	X	26	38.4	65	X	30	46.2	43	X	36	40.2	78	X	40	58.4	89	X	48	68.3
55	X	26	39.5	68	X	30	47.2	46	X	36	41.8	81	X	40	59.5	92	X	48	69.5
58	X	26	40.6	71	X	30	48.2	49	X	36	43.4	84	X	40	60.6	96	X	48	71.0
61	X	26	41.6	75	X	30	49.5	52	X	36	44.8	87	X	40	61.7	104	X	48	73.9
64	X	26	42.6	78	X	30	50.5	55	X	36	46.2	91	X	40	63.1	115	X	48	77.6
67	X	26	43.5	81	X	30	51.4	58	X	36	47.6					134	X	48	83.5
70	X	26	44.5	84	X	30	52.3	62	X	36	49.3	45	X	42	43.9				
73	X	26	45.3	87	X	30	53.1	65	X	36	50.5	49	X	42	46.2	79	X	60	70.9
77	X	26	46.5	90	X	30	54.0	68	X	36	51.7	52	X	42	47.9	95	X	60	78.5
80	X	26	47.3	93	X	30	54.8	71	X	36	52.9	55	X	42	49.5	98	X	60	79.9
83	X	26	48.1	97	X	30	55.8	74	X	36	54.0	58	X	42	51.0				