

Ellis Dividing Head

CHART — #1 PLAIN INDEXING

STANDARD INDEX PLATES

- #1 — 15, 16, 17, 18, 19 & 20 Hole Circles
- #2 — 21, 23, 27, 29, 31 & 33 Hole Circles
- #3 — 37, 39, 41, 43, 47 & 49 Hole Circles

Number of Div'ns	Index Circle	Index Turns	Crank Holes	Number of Div'ns	Index Circle	Index Crank Holes	Number of Div'ns	Index Circle	Index Crank Holes	Number of Div'ns	Index Circle	Index Crank Holes
2	Any	20	—	44	33	30	120	15	5	270	27	4
3	15	13	5	45	18	16	124	31	10	280	21	3
4	Any	10	—	46	23	20	128	16	5	290	29	4
5	Any	8	—	47	47	40	130	39	12	296	37	5
6	15	6	10	48	18	15	132	33	10	300	15	2
7	21	5	15	49	49	40	135	27	8	310	31	4
8	Any	5	—	50	15	12	136	17	5	312	39	5
9	18	4	8	52	39	30	140	21	6	320	16	2
10	Any	4	—	54	27	20	144	18	5	328	41	5
11	33	3	21	55	33	24	145	29	8	330	33	4
12	15	◆ ³	5	56	21	15	148	37	10	340	17	2
13	39	3	◆ ³	58	29	20	150	15	4	344	43	5
14	21	2	◆ ¹⁸	60	15	10	152	19	5	360	18	2
15	15	2	10	62	31	20	155	31	8	370	37	4
16	16	2	8	64	16	10	156	39	10	376	47	5
17	17	2	6	65	39	24	160	16	4	380	19	2
18	18	2	4	66	33	20	164	41	10	390	39	4
19	19	2	2	68	17	10	165	33	8	392	49	5
20	Any	2	—	70	21	12	168	21	5	400	20	2
21	21	1	19	72	18	10	170	17	4	410	41	4
22	33	1	27	74	37	20	172	43	10	420	21	2
23	23	1	17	75	15	8	180	18	4	430	43	4
24	18	1	12	76	19	10	184	23	5	440	33	3
25	15	1	9	78	39	20	185	37	8	460	23	2
26	39	1	21	80	16	8	188	47	10	470	47	4
27	27	1	13	82	41	20	190	19	4	490	49	4
28	21	1	9	84	21	10	195	39	8	520	39	3
29	29	1	11	85	17	8	196	49	10	540	27	2
30	15	1	5	86	43	20	200	15	3	580	29	2
31	31	1	9	88	33	15	205	41	8	600	15	1
32	16	1	4	90	18	8	210	21	4	620	31	2
33	33	1	7	92	23	10	215	43	8	640	16	1
34	17	1	3	94	47	20	216	27	5	660	33	2
35	21	1	3	95	19	8	220	33	6	680	17	1
36	18	1	2	98	49	20	230	23	4	720	18	1
37	37	1	3	100	15	6	232	29	5	740	37	2
38	19	1	1	104	39	15	235	47	8	760	19	1
39	39	1	1	105	21	8	240	18	3	780	39	2
40	Any	1	—	108	27	10	245	49	8	800	20	1
41	41	—	40	110	33	12	248	31	5	820	41	2
42	21	—	20	115	23	8	260	39	6	840	21	1
43	43	—	40	116	29	10	264	33	5	860	43	2

HIGH DIVISION INDEX PLATES CAN BE SUPPLIED AS FOLLOWS

- #4 — 25, 61, 67, 83, 91 & 93 Hole Circles
- #5 — 51, 53, 63, 73, 81 & 96 Hole Circles
- #6 — 22, 57, 67, 77, 87 & 97 Hole Circles
- #7 — 28, 59, 69, 79, 89 & 99 Hole Circles

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Ellis Dividing Head

CHART — #2 PLAIN INDEXING — HIGH DIVISIONS

The following tabulation lists divisions above 40 which may be indexed using Ellis High Division Index Plates.

Plate #4 — 25, 61, 71, 83 & 91 Hole Circles
 Plate #5 — 51, 53, 63, 73, 81 & 96 Hole Circles
 Plate #6 — 22, 57, 67, 77, 87 & 97 Hole Circles
 Plate #7 — 28, 59, 69, 79, 89 & 99 Hole Circles

NO. OF DIV'NS	INDEX CIRCLE	HOLE	NO. OF DIV'NS	INDEX CIRCLE	HOLE	NO. OF DIV'NS	INDEX CIRCLE	HOLE	NO. OF DIV'NS	INDEX CIRCLE	HOLE	NO. OF DIV'NS	INDEX CIRCLE	HOLE	NO. OF DIV'NS	INDEX CIRCLE	HOLE
42	63	60	96	96	40	192	96	20	348	89	10	620	93	6	1280	96	3
44	32	30	97	97	40	194	97	20	355	71	8	630	63	4	1320	99	3
45	63	56	99	99	40	198	99	20	356	96	15	632	79	5	1340	67	2
46	69	60	100	25	10	200	25	5	360	63	7	640	96	6	1380	69	2
48	96	80	102	51	20	204	51	10	364	91	10	648	81	5	1420	71	2
50	25	20	104	39	15	210	63	12	365	73	8	660	99	6	1460	73	2
51	51	40	105	63	24	212	53	10	372	93	10	664	83	5	1540	77	2
52	39	30	106	53	20	216	81	15	380	57	6	670	67	4	1580	79	2
53	49	35	108	81	30	220	22	4	384	96	10	680	81	3	1620	81	2
54	81	60	110	22	8	224	28	5	385	77	8	690	69	4	1660	83	2
55	77	56	112	28	10	228	57	10	388	97	10	696	87	5	1740	87	2
56	49	35	114	57	20	230	69	12	395	79	8	710	71	4	1780	89	2
57	57	40	115	69	24	232	87	15	396	99	10	712	89	5	1820	91	2
58	87	60	116	87	30	236	59	10	405	81	8	728	91	5	1860	93	2
59	59	40	118	59	20	240	96	16	408	51	5	730	73	4	1920	96	2
60	51	34	120	39	13	244	61	10	415	83	8	744	93	5	1940	97	2
61	61	40	122	61	20	248	93	15	420	63	6	760	57	3	1980	89	2
62	63	60	124	93	30	250	25	4	424	53	5	768	96	5	2040	51	1
63	63	40	125	25	8	252	63	10	435	87	8	770	77	4	2120	53	1
64	96	60	126	63	20	255	51	8	440	22	2	776	97	5	2280	57	1
65	39	24	128	93	30	256	93	15	445	89	8	790	79	4	2360	59	1
66	99	60	132	99	30	260	39	3	455	91	8	792	99	5	2440	61	1
67	67	40	134	67	20	264	99	15	456	57	5	810	81	4	2520	63	1
68	51	30	135	81	24	265	53	8	460	69	6	830	83	4	2680	67	1
69	69	40	136	51	15	268	67	10	465	93	8	840	63	3	2760	69	1
70	28	16	138	69	20	270	81	12	472	59	5	870	87	4	2840	71	1
71	71	40	140	28	8	276	69	10	480	96	8	880	22	1	2920	73	1
72	63	35	142	71	20	280	28	4	485	97	8	890	89	4	3080	77	1
73	73	40	145	87	24	284	71	10	488	61	5	910	91	4	3160	79	1
76	57	30	146	73	20	285	57	8	495	99	8	920	69	3	3240	81	1
77	77	40	152	57	15	290	87	12	500	25	2	930	93	4	3320	83	1
79	79	40	158	79	20	292	73	10	504	63	5	960	96	4	3480	87	1
80	22	11	160	28	7	295	57	8	510	51	4	970	97	4	3560	89	1
81	81	40	162	81	20	305	61	8	530	53	4	990	99	4	3640	91	1
83	83	40	166	83	20	308	77	10	536	67	5	1000	25	1	3720	93	1
84	63	30	168	63	15	310	93	12	540	81	6	1020	51	2	3840	96	1
85	51	24	170	51	12	315	63	8	552	69	5	1060	53	2	3880	97	1
87	87	40	174	87	20	316	79	10	560	28	2	1080	81	3	3960	99	1
88	22	10	176	22	5	320	96	12	568	71	5	1120	28	1			
89	89	40	178	89	20	324	81	10	570	57	4	1140	57	2			
90	63	28	180	63	14	330	99	12	580	87	6	1160	87	3			
91	91	40	182	41	20	332	83	10	584	73	5	1180	59	2			
92	69	30	184	69	15	335	67	8	590	59	4	1220	61	2			
93	93	40	186	93	20	340	51	6	610	61	4	1240	93	3			
95	57	24	190	57	12	345	69	8	615	77	5	1260	63	2			