24696—81

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24696—81*

Spherical double-row radial roller bearing's
with symmetrical rollers. Basic dimensions

(СТ   4945—84)

46 2110, 46 2130, 46 2140

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53000   —
(. 1, 2);
153000   —
1:12 (. 3, 4);
4153000   —
1:30 (. 5, 6);
353000   —   153000   —
(. 7, 8);
753000 —   153000   —   -
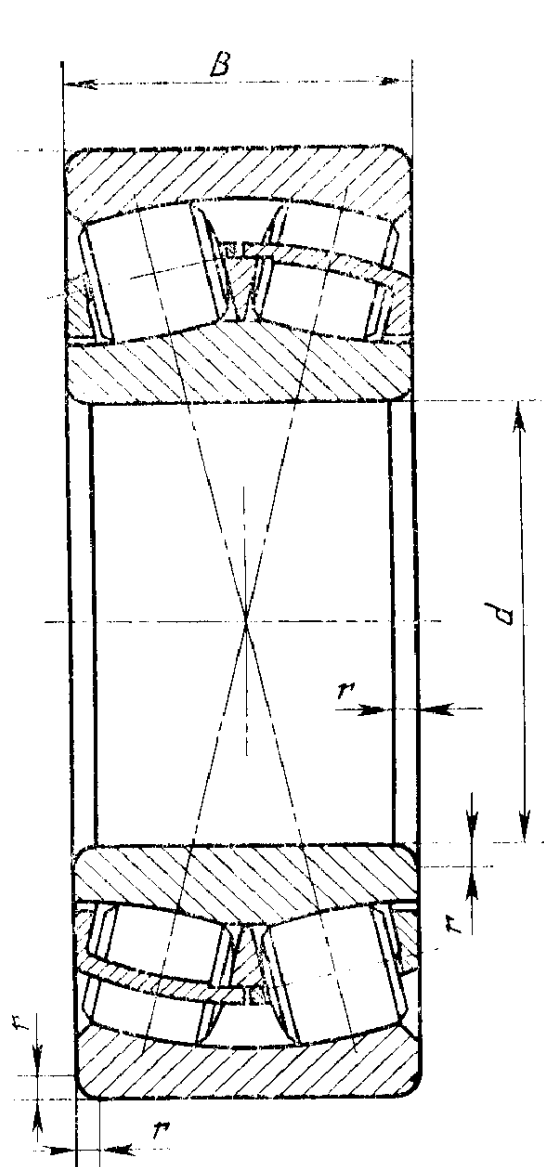(. 9, 10).
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. 1 — 10   . 1—4, 5, 5 , 6—12.
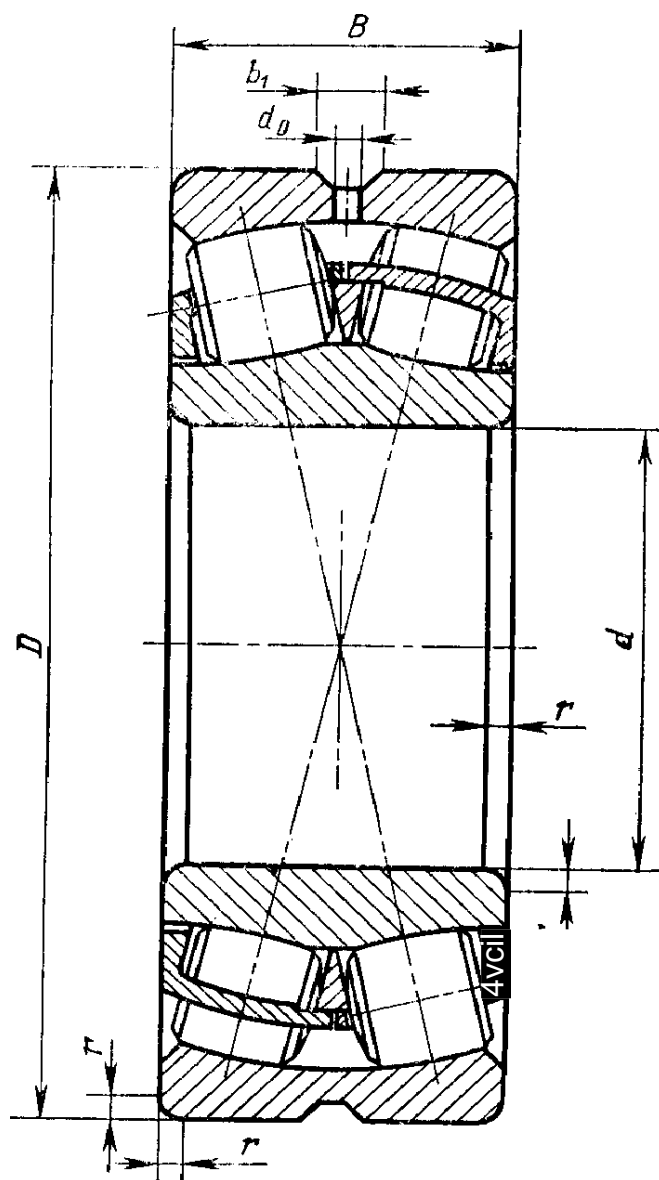,   . 1 —10:
U—-   ; D —   -
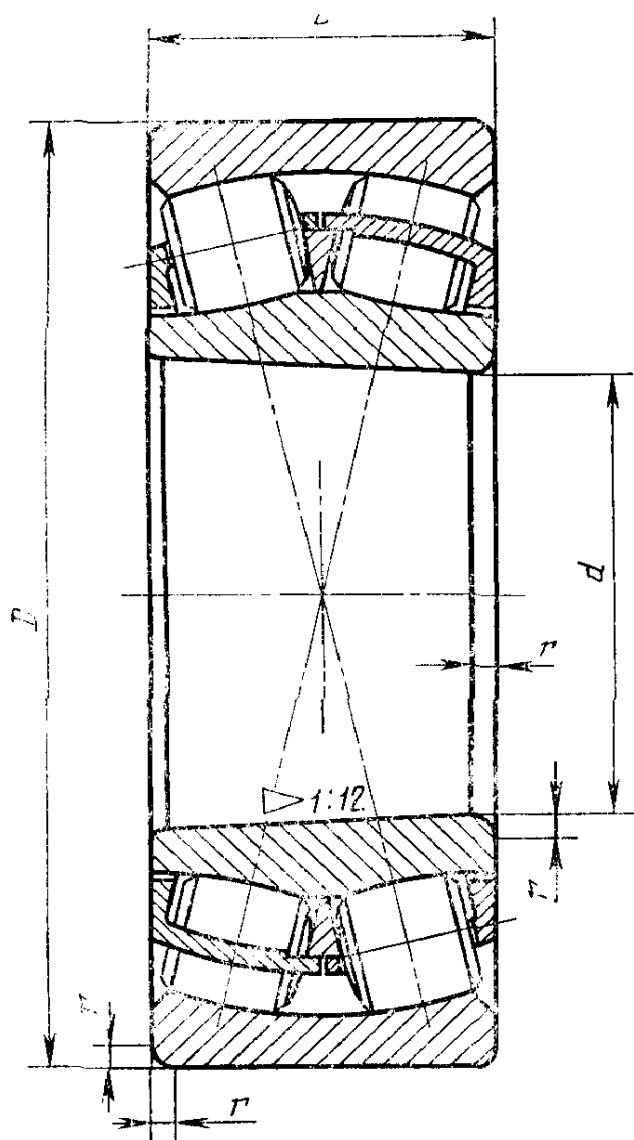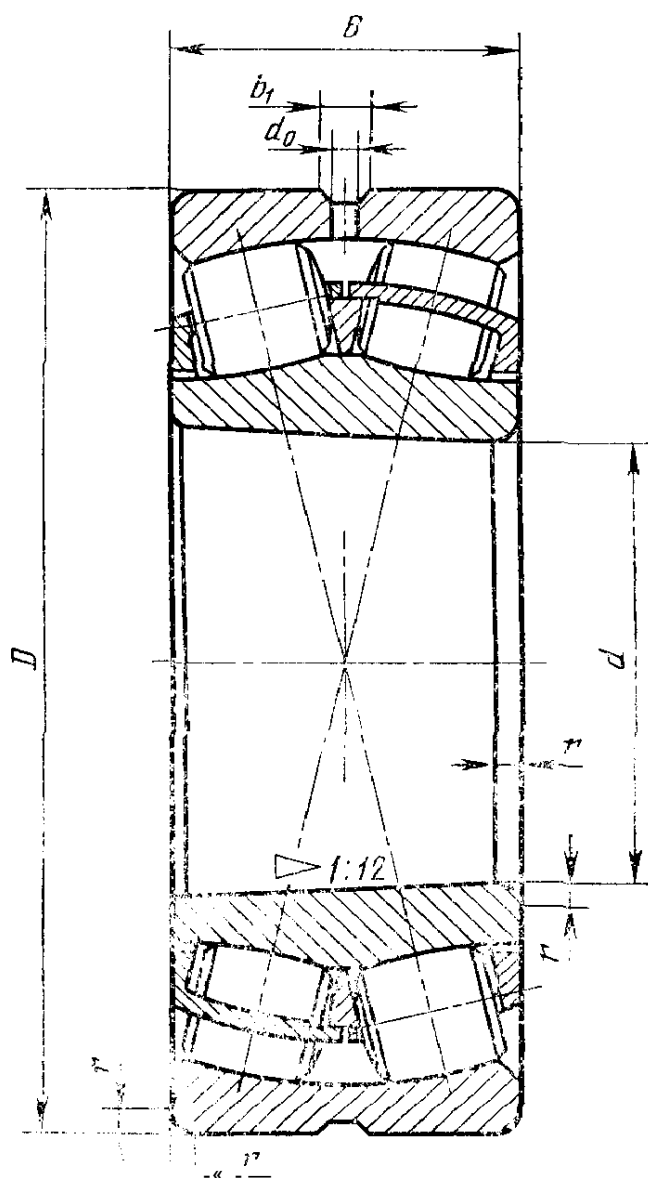;   —   ;   —
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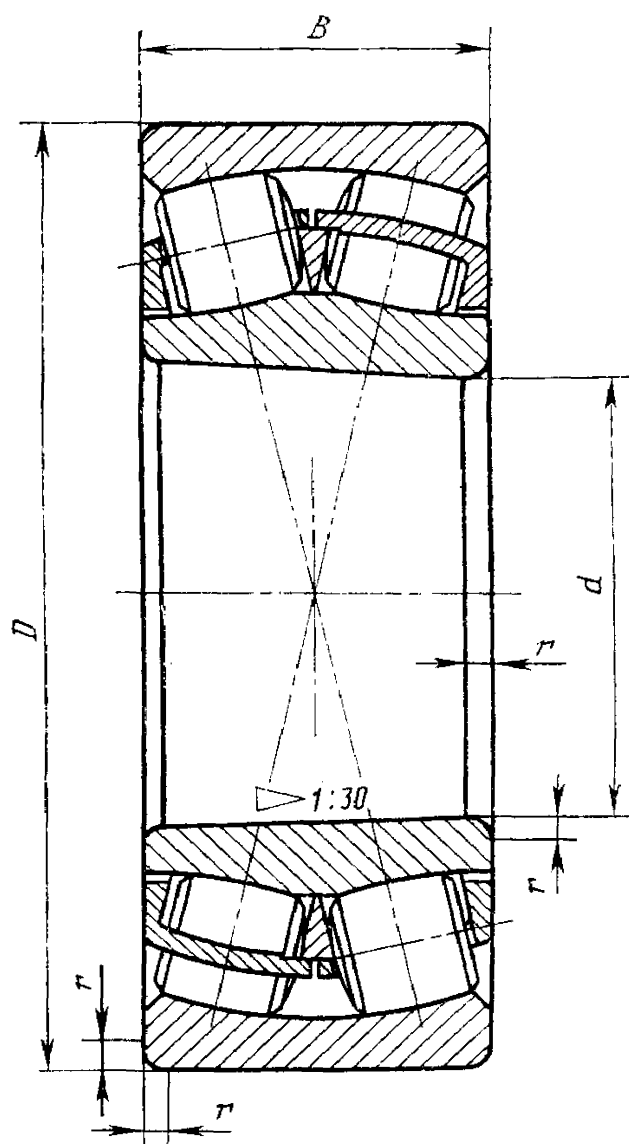
4153000

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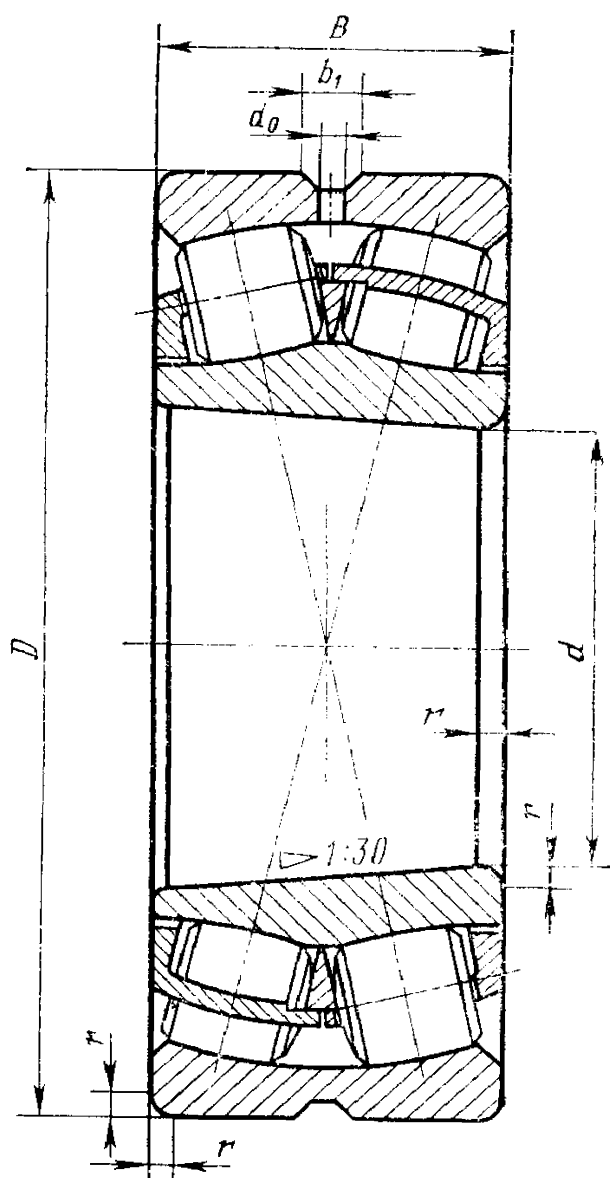
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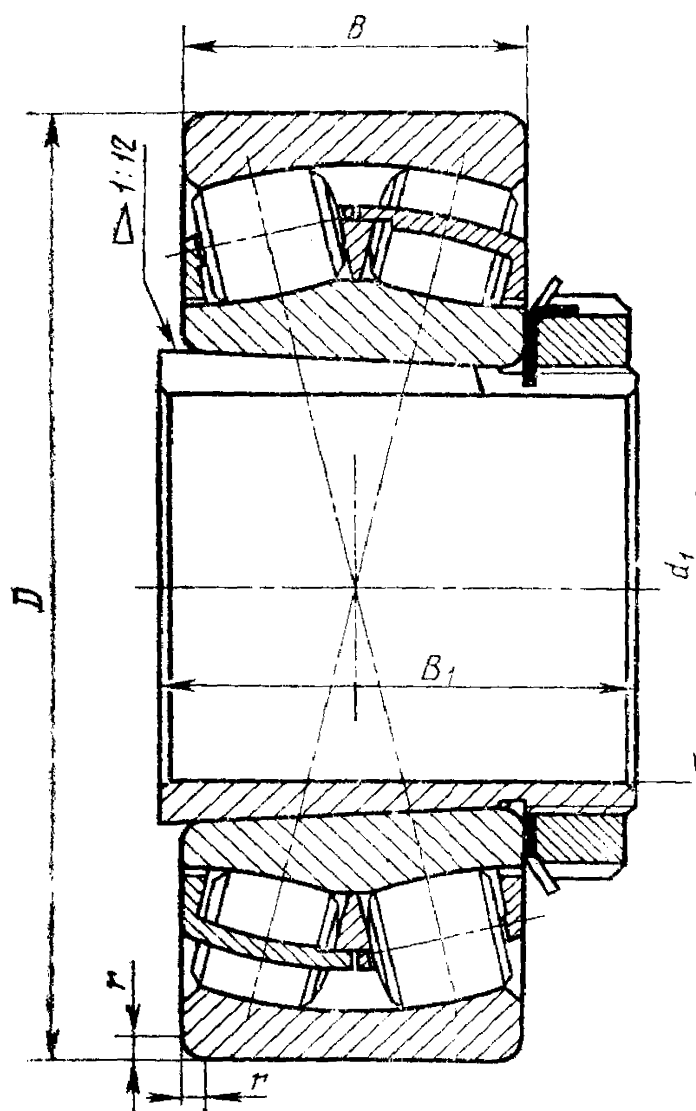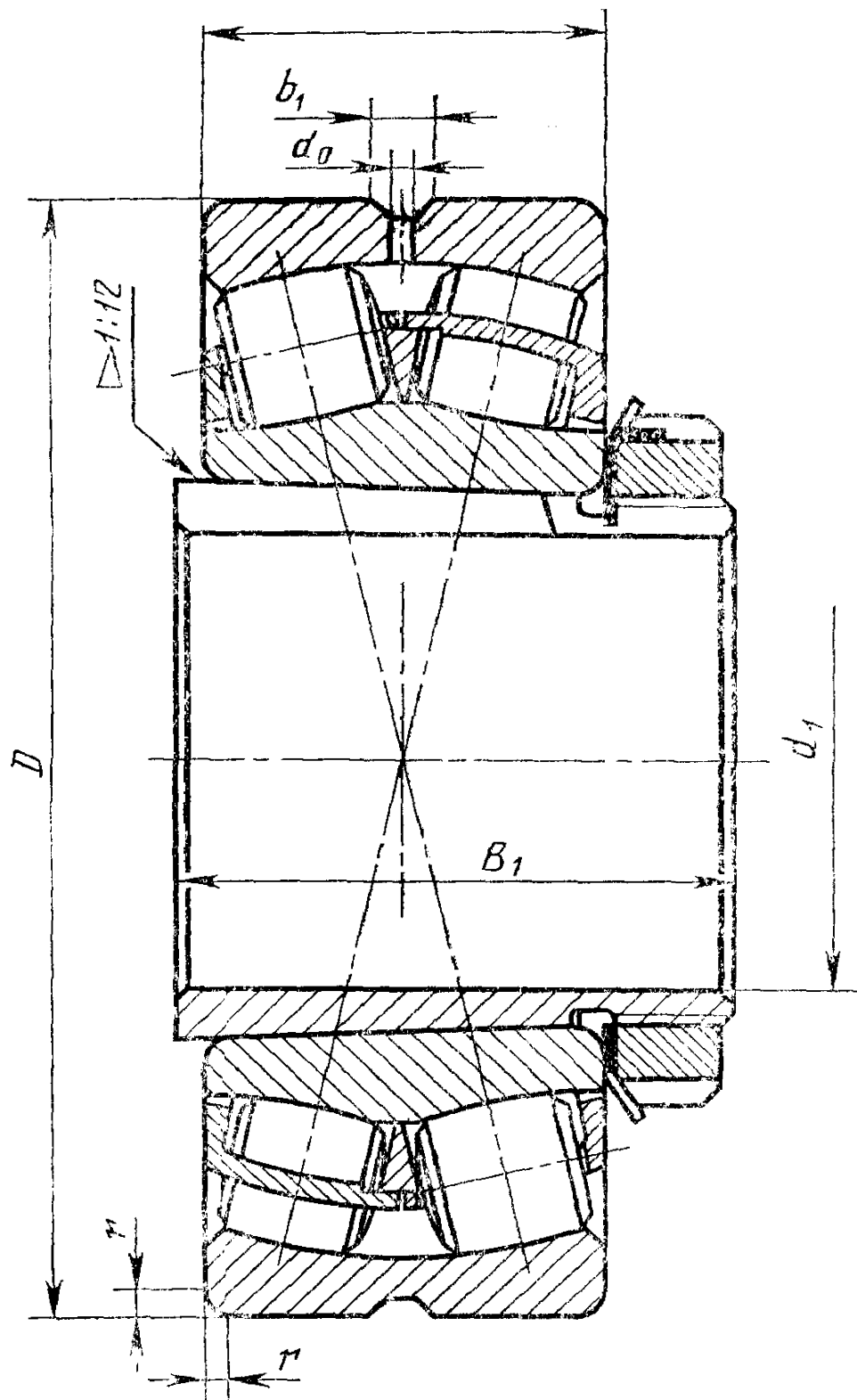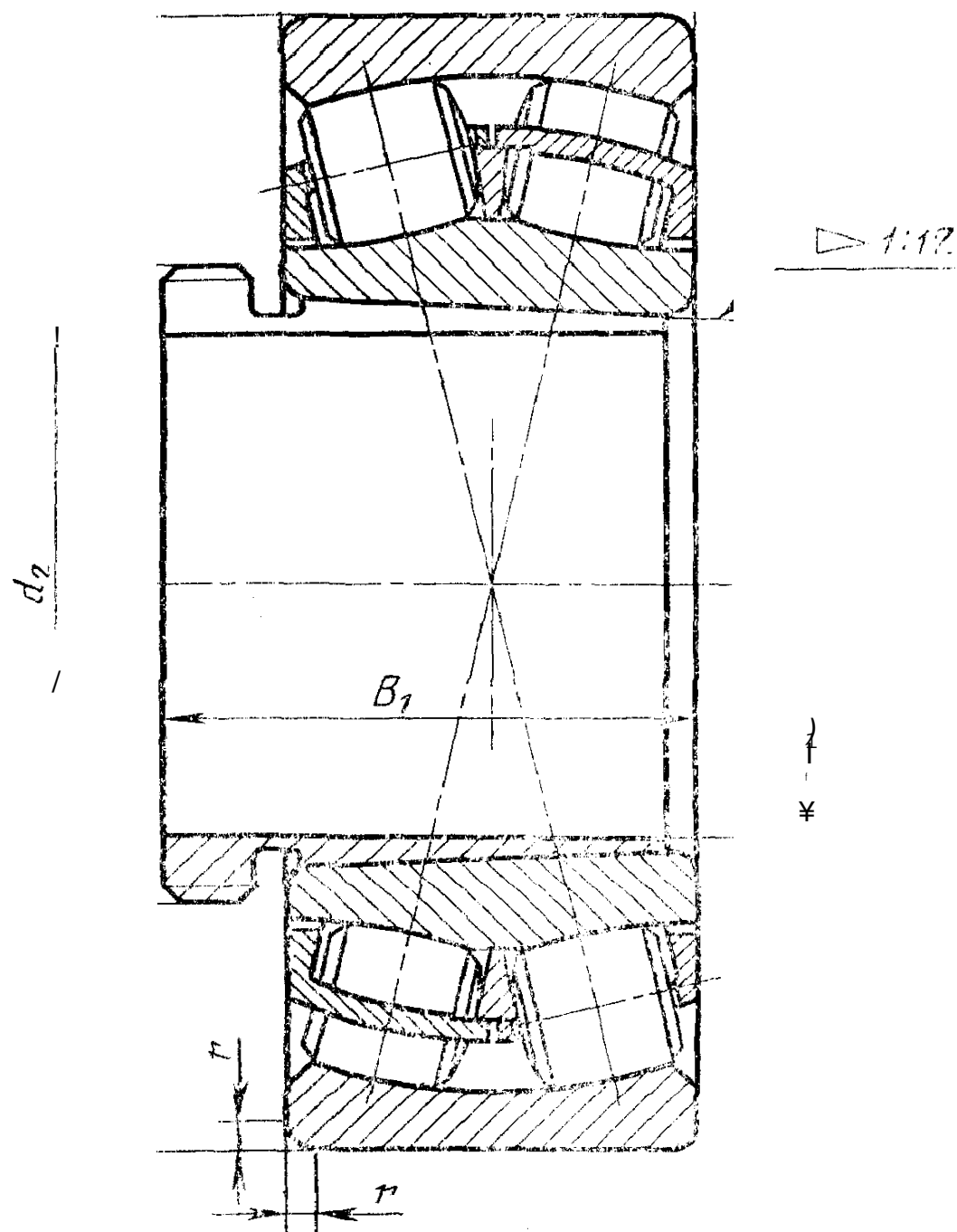
753000

Черт. 10
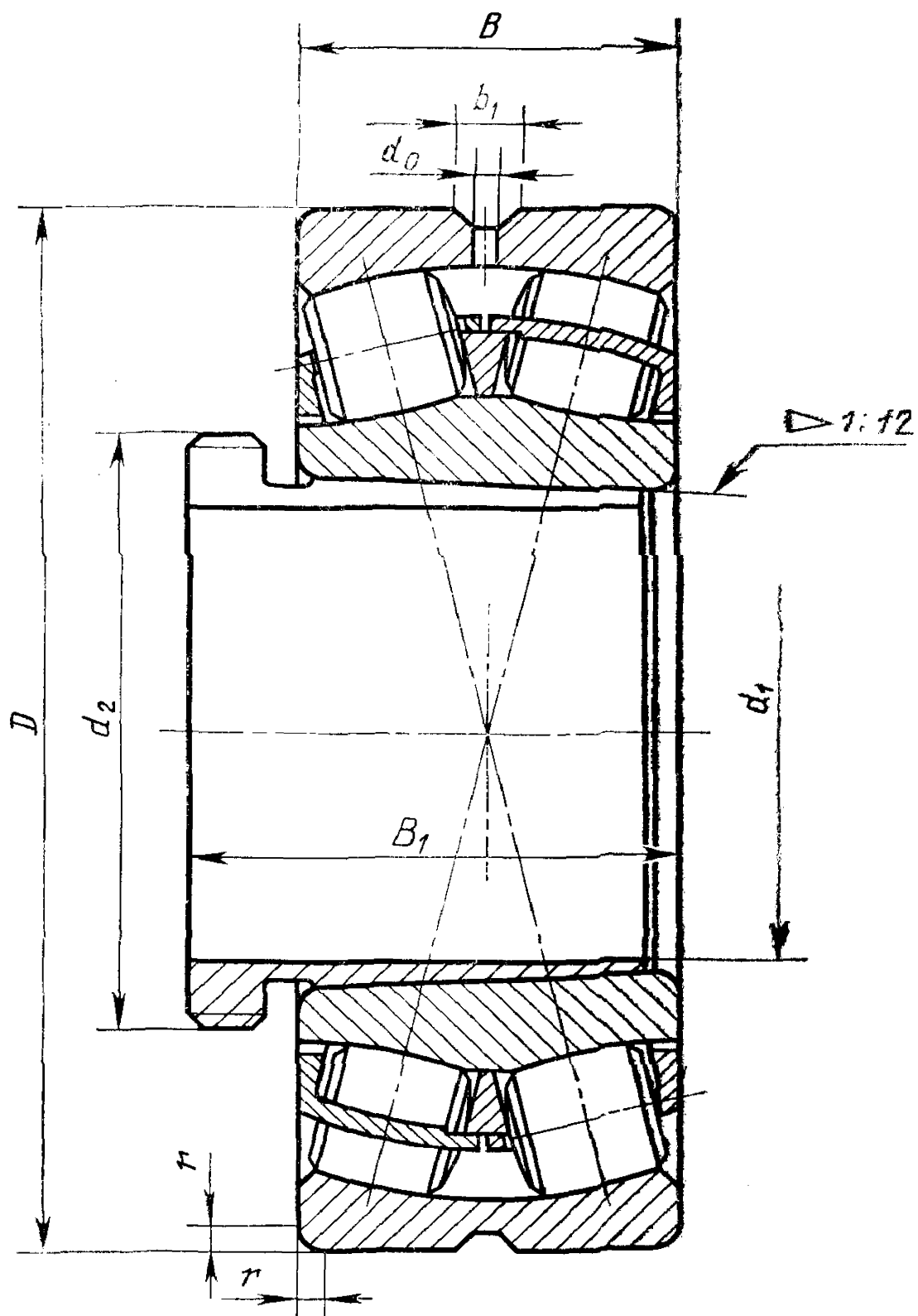
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13014—80.

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3053117	3153117	85	130	34	2,0	U	2,00
3053118	3153118	90	140	37	2,5	1,5	2,20
3053120	3153120	100	150	37	2,5	1.5	2,35
3053122	–	110	170	45	3,0	2.0	3,87
3053124	3153124	120	180	46	3,0	2.0	4,50
3053126	3153166	130	200	52	3,0	2.0	6,37
3053128	3153128	140	210	53	3,0	2,0	6,87
30531	3153130	150	225	56	3,5	2,1	8,25
3053132	3153132	160	240	60	3,5	2,1	10,30
3053134	3153134	170	260	67	3,5	2,1	13,40
3053136	3153136	180	280	74	3,5	2,1	17,60
3053138	3153138	190	290	75	3,5	2,1	18,8
3053140	3153140	200	310	82	3,5	2,1	24,10
3053144	3153144	220	340	90	4,0	3,0	31,50
3053148	3153148	240	360	92	4,0	3,0	35,50
3053152	3153152	260	400	104	5,0	4,0	50,70
3053156	3153156	280	420	106	5,0	4,0	54,50
3053160	3153160	300	460	118	5,0	4,0	75,80
3053164	3153164	320	480	121	5,0	4,0	81,20
3053168	3153168	340	520	133	6,0	5,0	109.00
3053172	3153172	360	540	134	6,0	5,0	115,00
3053176	3153176	380	560	135	6,0	5,0	122,00
3053180	3153180	400	600	148	6,0	5,0	155,00
3053184	3153184	420	620	150	6,0	5,0	164,00
3053188	3153188	440	650	157	8,0	6,0	188,00
3053192	3153192	460	680	163	8,0	6,0	216,00
3053196	3153I96H	480	700	165	8,0	6,0	230,00
30531/500	31531/500	500	720	167	8,0	6,0	235,00
30531/530	31531/530	530	780	185	8,0	6,0	303,00
30531/560	31531/560	560	820	195	8,0	6,0	383,00
30531/600	31531/600	600	870	200	8,0	6,0	405,00
30531/630	31531/630	630	920	212	10,0	7,5	495,00
30531/670	31531/670	670	980	230	10,0	7,5	618,00

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53000	153000	d	D			5 1	*.
4053124	4153124	120	180	60	3,0	2,0	5,40
4053126	4153126	130	200	69	3,0	2,0	7,95
4053128	4153128	140	210	69	3,0	2,0	8,45
4053130	41531	150	225	75	3,5	2 1	10,50
4053132	4153132	160	240	80	3,5	2,1	13,00
4053134	4153134	170	260	90	3,5	2,1	17,50
4053136	4153136	180	280	100	3,5	2,1	23,00
4053138	4153138	190	290	100	3,5	2,1	24 00
4053140	4153140	200	310	109	3,5	2,1	30,50
4053144	4153144	220	340	118	4,0	3,0	39,50
4053148	4153148	240	360	118	4,0	3,0	42,50
4053152	4153152	260	400	140	5,0	4,0	64,50
4053156	4153156	280	420	140	5,0	4,0	68,50
4053160	4153160	300	460	160	5,0	4,0	97,00
4053164	4153164	320	480	160	5,0	4,0	100,00
4053168	4153168	340	520	180	6,0	5,0	140,00
4053172	—	360	540	180	6,0	5,0	145,00
4053176	—	380	560	180	6,0	5,0	150,00

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53000	153000	d	D		'	^smin	^ '
3053720	3153720	100	165	52	3,0	2,0	5,83
3053722	3153722	110	180	56	3,0	2,0	5,83
3053724	3153724	120	200	62	3,0	2,0	8,33
3053726	3153726	130	210	64	3,0	2,0	9,10
3053728	3153728	140	225	68	3,5	2,1	10,80
3053730	3153730	150	250	80	3,5	2,1	16,40
3053732	3153732	160	270	86	3,5	2,1	20,80
3053734	3153734	170	280	88	3,5	2,1	22,40
3053736	3153736	180	300	96	4,0	3,0	28,40
3053738	3153738	190	320	104	4,0	3,0	35,50
3053740	3153740	200	340	112	4,0	3,0	43,70
3053744	3153744	220	370	120	5,0	4,0	54,80
3053748	3153748	240	400	128	5,0	4,0	67,60
3053752	3153752	260	440	144	5,0	4,0	93,60
3053756	3153756	280	460	146	6,0	5,0	100,00

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53000	153000	d	D			^smin	« '
3053760	3353760	300	500	160	6,0	5,0	132,0
3053764	3153764	320	540	176	6,0	5,0	171,0
3053768	3153768	340	580	190	6,0	5,0	216,0
3053772	3153772	360	600	192	6,0	5,0	228.0
3053776	3153776	380	620	194	6,0	5,0	240,0
3053780	3153780	400	650	200	8,0	6,0	273,0
3053784	3153784	420	700	224	8,0	6,0	363,0
3053788	3153788	440	720	226	8,0	6,0	378,0
3053792	3152792	460	760	240	10,0	7,5	450,0
3052796	3153796	480	790	248	10,0	7,5	503,0
30537/500	31537/500	500	830	264	10,0	7,5	595,0
30537/530	31537/530	530	870	272	10,0	7,5	665,0
30537/560	31537/560	'-	920	280	10,0	7,5	703,0
30537/600	31537/6 0	600 l	1 980	300	10,0	7,5	921,0
30537/630	3J537/630H	680 j	! 1080	315	10,0	7,5	1050,0

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53000	j)53000 . 1	d	!	D			5m ln	*='
4053722	4253722	110		180	69	3,0	2,0	6,85
4053724	4553724	120		200	80	3,0	2,0	10,00
4053726	4153726	130		210	80	3,0	2,0	11,00
4053728	4153728	140		225	85	3,5	2,1	13,00
4053730	4153730	150		250	100	3,5	2,1	19,50
4053732	4I53732H	160		270	109	3,5	2,1	25,00
4053734	4153734	170		280	109	3,5	2,1	26,50
4053736	43 53736	180		300	118	4,0	3,0	33.50
4053738	4153738	190		320	128	4,0	3,0	42,00
4053740	4153740	200		340	140	4,0	3,0	52,00
4053744	4153744	220		370	150	5,0	4,0	65,00
4053748	4153748	240		400	160	5,0	4,0	80,50
4053752	4153752	260		440	180	5,0	4,0	110,00
4053756	4153756	280		460	180	6,0	5,0	120,00
4053760	4153760	300		500	200	6,0	5,0	155,00

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53000	153000	d	D			r»mln	*='
53505	153505	25	52	18	1,5	1,0	0,18
53506	153506	30	62	20	1,5	1,0	0,29
53507	153507	35	72	23	2,0	1,1	0,43
53508	153508	40	80	23	2,0		0,58
53509	153509	45	85	23	2,0	i,i	0,60
53510	153510	50	90	23	2,0	1,1	0,65
53511	153511	55	100	25	2,5	1,5	0,88
53512	153512	60		28	2,5	1,5	1,20
53513	153513	65	120	31	2,5	1,5	1,59
53514	153514	70	125	31	2,5	1,5	1,67
53515	153515	75	130	31	2,5	1,5	1,76
53516	153516	80	140	33	3,0	2,0	2,20
53517	153517 !	85	150	36	3,0	2,0	2,80
53518	153518 i	90	160	40	3,0	2,0	3,55
53519	153519	95*	170	43	3,5	2,1	4,31
53520	153520	100	180	46	3,5	2,1	5,20
53522	153522		200	53	3,5	2,1	7,50
53524	153524	120	215	58	3,5	2,1	9,30
53526	153526 1	130	230	64	4,0	3,0	11,70
53528	153528	140	250	68	4,0	3,0	15,00
53530	353530	150	270	73	4,0	3,0	18,50
53532	153532	160	290	80	4,0	3,0	23,40
53534	153534	170	310	86	5,0	4,0	29,00
53536	153536	180	320	86	5,0		—,
53538	153538	190	340	92	5,0		
53540	1535401I	200	360	98	5,0	—	
53544	153544	220	400	108	5,0	—	
53548	153548	240	440	120	5,0	—	—
53552	153552	260	480	130	6,0	5,0	110,0
53556	153556	280	500	130	6,0	5,0	114,0
53560	153560	300	540	140	6,0	5,0	145,0
53564	153564	320	580	150	6,0	5,0	177,0
53568	353568	340	620	165	8,0	6,0	210,0
53572	153572	360	650	170	8,0	6,0	256
53576	153576	380	680	175	8,0	6,0	296
53580	153580	400	720	185	8,0	6,0	338

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53000	153000	*d*	*D*			ʳsmlti	'
3053218	3153218	90	160	52,4	3,0	2,0	4,7
3053220	3153220	100	180	60,3	3,5	2,1	6,9
3053222	3153222		200	69,8	3,5	2	9,9
3053224	3153224	120	215	76,0	3,5	2	12,3
3053226	3153226	130	230	80,0	4,0	3,0	14,6
3053228	3153228	140	250	88,0	4,0	3,0	19,2
3053230	3153230	150	270	96,0	4,0	3,0	24,6
3053232	3153232	160	290	104,0	4,0	3,0	31,0
3053234	3153234	170	310	110,0	5,0	4,0	37,7
3053236	3153236	180	320	112,0	5,0	4,0	39,8
3053238	3153238	190	340	120,0	5,0	4,0	48,5
3053240	3153240	200	360	128,0	5,0	4,0	58,4
3053244	3153244	220	400	144,0	5,0	4,0	82,0
3053248	3153248	240	440	160,0	5,0	4,0	111,0
3053252	3153252	260	480	174,0	6,0	5,0	144,0
3053256	3153256	280	500	176,0	6,0	5,0	154,0
3053260	3153260	300	540	192,0	6,0	5,0	198,0
3053264	3153264	320	580	208,0	6,0	5,0	249,0
3053268	3153268	340	620	224,0	8,0	6,0	310,0
3053272	3153272	360	650	232,0	8,0	6,0	344,0
3053276	3153276	380	680	240	8,0	6,0	390,0
3053280	3153280	400	720	256	8,0	6,0	464,0
3053284	3153284	420	760	272	10,0	7,5	550,0
3053288	3153288	440	790	280	10,0	7,5	610,0
3053292	3153292	460	830	296	10,0	7,5	715,0
3053296	3153296	480	870	310	10,0	7,5	830,0
30532/500	31532/500	500	920	336	10,0	7,5	1020,0
30532/530	31532/530	530	980	355	12,0	9,5	1230,0

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53000	153000	d	D			r_{emtn}	,
53608	153608	40	90	33	2,5	**1.5**	1,03
53609	153609	45	100	36	2,5	**1.5**	1,40
53610	153610	50	110	40	3,0	2.0	1,90
53611	153611	55	120	43	3,0	2.0	2,40
53612	153612	60	130	46	3,5	2,1	3,10
53613	153613	65	140	48	3,5	2,1	3,70
53614	153614	70	150	51	3,5	2,1	4,35
53615	153615	75	160	55	3,5	**2,1**	5,40
53016	153616	80	170	58	3,5	**2,1**	6,60
53617	153617	85	180	60	4,0	**3,0**	7,40
53618	153618	90	190	64	4,0	**3,0**	9,30
53619	153619	95*	200	67	4,0	3,0	10,30
53620	153620	100	215	73	4,0	3,0	13,00
53622	153622		240	80	4,0	3,0	18.20
53624	153624	120	260	86	4,0	**3,0**	24,00
53626	153626	130	280	93	5,0	4,0	28,60
53628	153628	140	300	102	5,0	**4,0**	36,20
536	153630	150	320	108	5,0	**4,0**	43,60
53632	153632	160	340	114	5,0	**4,0**	51,90
53634	153634	170	360	120	5,0	4,0	62,00
53636	15363SH	180	380	126	5,0	**4,0**	71,40
53638	153638	190	400	132	6,0	5,0	84,10
53640	153640	200	420	138	6,0	5 0	95,40
53644	153644	220	460	145	6,0	50	128 00
53648	153648	240	500	155	6,0	5,0	157,00
53652	153652	260	540	165	8,0	6,0	396,00
53656	153656	280	580	175	8,0	**6,0**	23° ,00
53064	153664	320	670	200	10,0	**7,5**	288,0
53672	153672	360	750	224	10,0	**7,5**	430,0
53680	153S80H	400	820	243	10,0	**7,5**	641,0

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- 353000	d_i			1.	24238—80
353506	30	72	23	2,0	307
353507	35	80	23	2,0	308
353508	40	85	23	2,0	309
353509	45	90	23	2,0	310
353510	50	100	25	2,5	311
353511	55	110	28	2,5	312
353512	60	120	31	2,5	313
353513	65	130	31	2,5	315
353514	70	140	33	3,0	316
353515	75	150	36	3,0	H3I7
353516	80	160	40	3,0	318
353518	90	180	46	3,5	320
353520	100	200	53	3,5	322
353522	110	215	58	3,5	3124
353523	115	230	64	4,0	3126
353525	125	250	68	4,0	3128
353527	135	270	73	4,0	3130
3535 2	140	290	80	4,0	3132
353530	150	310	86	5,0	3134
353532	160	320	86	5,0	3136
35's 534	170	340	92	5,0	3138
35 5536	180	350	98	5,0	3140
353540	200	400	108	5,0	3144
353544	220	440	120	5,0	3148
353548	240	480	130	6,0	H31t52X
353552	260	500	130	6,0	3156
353556	280	540		6,0	3160
353560	300	580	150	6,0	3164

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- 358000	d_i	D			24208—80
353607	35	90	33	2,5	2308
353608	40	100	36	2,5	2309
353609	45	110	40	3,0	2310
353610	50	120	43	3,0	2311
353611	55	130	46	3,5	2312
353612	60	140	48	3,5	2313
353613	65	160	55	3,5	2315
353614	70	170	58	3,5	2316

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-353000	<6	D			2420 —
353615	75	180	60	4,0	2317
353616	80	190	64	4,0	2318
353617	85	200	67	4,0	2319
353618	90	215	73	4,0	2320
353620	100	240	80		2322
353622		260	86	4,0	2324
353523	115	280	93	5,0	2326
353625	125	300	102	5,0	2328
353628	140	340	114	5,0	2332
353630	150	360	120	5,0	2334
353632	160	380	126	5,0	2336
353634	170	400	132	6,0	2338
353636	180	420	138	6,0	2340
353640	200	460	145	6,0	2344
353644	220	500	155	6,0	2348
353648	240	540	165	8,0	2352
353652	260	580	175	8.0	2350

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-753000	<0	D			13014—80
753507	35	80	23	2,0	308
753508	40	85	23	2,0	309
753509	45	90	23	2,0	310
753510	50	100	25	2,5	311
7535	55	I 1 0	28	2,5	312
753512	60	120	31	2,5	313
753513	65	125	31	2,5	314
753514	70	130	31	2,5	315
753515	75	140	33	3,0	316
753516	80	150	36	3,0	317
753517	85	160	40	3,0	318
753519	95	180	46	3,5	320
753521	105	200	53	3,5	322
753523	115	215	58	3,5	324
753525	125	230	64	4,0	326
753527	135	250	68	4,0	328
753529	145	270	73	4,0	330
753530	150	290	80	4,0	332
753532	160	310	86	5,0	334
753534	170	320	86	5,0	2236
753536	180	340	92	5,0	2238
753538	390	360	98	5,0	2240
753540	200	400	108	5,0	2244

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- 753000	d\				l] 3014—S0
753607	35	90	33	2,5	2308
753608	40	100	36	2,5	2309
753609	45		40	3,0	2310
753610	50	120	43	3,0	2311
753611	55	130	46	3,5	2312
753612	60	140	*48*	3,5	231
753613	65	3 50	51	3,5	2314
753614	70	160	55	3,5	2315
753615	75	3 70	58	3,5	2316
753616	80	180	60	4,0	2317
753617	85	190	64	4,0	2318
753619	95	215	73	4,0	2320
753621	105	240	80	4,0	2322
753623	115	260	86	4,0	2324
753625	125	280	93	5,0	2325
753627	135	300	102	5,0	2328
753630	150	340	114	5,0	23 32
753632	160	360	120	5,0	2331
753634	170	380	126	5,0	2335
753636	180	400	132	6,0	2338
753638	190	420	138	6,0	2340
753640	200	460	145	6,0	234
753644	220	500	155	6,0	2343
753648	240	540	165	8,0	2352
753652	260	580	175	8,0	23:-5

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) 53000 d—90 ; D = 190 ; — 64
6, 0:

53618 24696—81

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153618 24696—81

) 353000 ^ = 80 ; Z?= 190 ; — 64 -
6, 0,

353616 24696—81

3053100	4053100	3053700	4053700	53500	53600		,
—	180 225 ,	—	180 210 ,	80 160 .	90 130 ,	6,3	2,8
170 225 .	, 240 290 ,	165 180 .	, 225 280 ,	, 170 200 .	. 140 £ 180 ', .	10	3,2
. 240 260 .	, 310 420 ,	. 200 225 ,	, 300 400 ,	, 215 250 ,	. 199 215 ;: ,	11,0	5,0
, 280 310 ,	. 460 480 .	, 250 270 ,	, 440 460 ,	. 270 290 ,	, 240 260 .	14,0	6,3
, 340 480 ,	, 520 .	. 280 370 .	, 500 .	. 310 400 ,	, 280 360 ,	16,0	7,1
	—	. 400 ,	—	. 440 ,	, 380 ,	22,0	9,0

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353616   *24696—81*

)   753000 $d\backslash = 85$; £>=190 ; 5 = 64
6,   0:

753617   *24696—81*

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753617   *24696—81*

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4.

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	r_{smln}		r_{emln}
2,0	**1,3**	**5,0**	**3,7**
2,5	**1,8**	**6,0**	**4,7**
3,0	**2,3**	**8,0**	**6,0**
3,5	**2,5**	**10,0**	**7,5**
4,0	**3,0**		

. $r_{sm}m$ 01.01.89.

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53509	153509	45	77100	51000
53510	153510	50	79900	54000
53511	153511	55	99500	67000
53512	153512	60	122000	83000
53513	153513	65	144000	100000
53514	153514	70	148000	104000
53515	153515	75	154000	110000
5351 »	153516	80	176000	127000
53517	153517	85	202000	153000
53518	153518	90	244000	190000
53519	153519	95	282000	215000
53520	153520	100	311000	245000
53522	153522		374000	320000
53524	153524	120	466000	400000
53526	153526	130	552000	500000

2

6,   0

3000	j	d,		,
53608	153608	40		75000
53609	153609	45	138000	95000
53610	153610	50	176000	120000
53611	153611	55	199000	139000
53612	153612	60	235000	166000
53613	153613	65	253000	180000
53611	153614	70	311000	230000
53615	153615	75	351000	255000
53616	153616	80	374000	290000
53617	153617	85	420000	320000
53618	153618	90	477000	365000
53619	153619	95	518000	410000
53620	153620	100	610000	490000
53622	153622	110	725000	570000
53624	153624	120	845000	670000

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	Bq		_1
	Gy		2 * ~2
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