

Table 92 — Inspection dimensions external spline, $\alpha = 37,5^\circ$, $m = 3$, $S_{v \max} = 4,712$

z	D _{Re}	Measurement over balls or pins, M _{Re} (checking of dimensions S _{min} and S _{max}) for tolerance classes								K _e
		4h		5h		6h		7h		
		min.	max. (aux.)	min.	max. (aux.)	min.	max. (aux.)	min.	max. (aux.)	
6	8,00	31,851	31,878	31,826	31,871	31,788	31,860	31,725	31,844	0,993
7	7,50	33,138	33,165	33,112	33,157	33,073	33,146	33,008	33,129	1,003
8	7,50	36,859	36,888	36,832	36,880	36,791	36,868	36,723	36,849	1,046
9	7,10	38,491	38,520	38,464	38,512	38,422	38,500	38,352	38,481	1,059
10	7,10	42,015	42,044	41,986	42,036	41,942	42,023	41,869	42,003	1,088
11	7,10	44,663	44,692	44,633	44,683	44,589	44,670	44,515	44,650	1,089
12	6,70	47,117	47,148	47,086	47,138	47,040	47,125	46,964	47,104	1,126
13	6,70	49,822	49,853	49,791	49,843	49,745	49,830	49,667	49,808	1,126
14	6,70	53,158	53,189	53,126	53,179	53,079	53,165	52,999	53,143	1,143
15	6,70	55,904	55,936	55,872	55,925	55,824	55,911	55,744	55,888	1,144
16	6,70	59,191	59,222	59,158	59,212	59,109	59,197	59,027	59,174	1,157
17	6,70	61,968	62,000	61,935	61,989	61,886	61,974	61,803	61,950	1,158
18	6,70	65,218	65,249	65,184	65,239	65,134	65,223	65,050	65,199	1,169
19	6,70	68,019	68,051	67,985	68,040	67,935	68,024	67,850	68,000	1,170
20	6,70	71,240	71,272	71,206	71,261	71,154	71,245	71,068	71,220	1,179
21	6,70	74,061	74,093	74,026	74,081	73,974	74,065	73,888	74,040	1,180
22	6,30	76,259	76,291	76,223	76,280	76,170	76,263	76,082	76,237	1,200
23	6,30	79,095	79,128	79,060	79,116	79,006	79,099	78,917	79,072	1,201
24	6,30	82,271	82,304	82,235	82,292	82,181	82,275	82,091	82,248	1,207
25	6,30	85,121	85,154	85,085	85,141	85,030	85,124	84,940	85,097	1,208
26	6,30	88,282	88,315	88,245	88,302	88,190	88,284	88,099	88,257	1,213
27	6,30	91,143	91,176	91,106	91,163	91,051	91,145	90,959	91,117	1,214
28	6,30	94,291	94,324	94,254	94,311	94,198	94,293	94,105	94,265	1,218
29	6,30	97,162	97,195	97,125	97,182	97,069	97,163	96,975	97,135	1,219
30	6,30	100,299	100,332	100,262	100,319	100,205	100,300	100,111	100,271	1,223
31	6,30	103,179	103,211	103,141	103,198	103,084	103,179	102,989	103,150	1,224
32	6,30	106,307	106,339	106,268	106,326	106,211	106,307	106,116	106,277	1,227
33	6,30	109,193	109,226	109,155	109,212	109,097	109,193	109,001	109,163	1,228
34	6,30	112,313	112,346	112,274	112,332	112,216	112,312	112,120	112,282	1,231
35	6,30	115,206	115,239	115,167	115,225	115,109	115,205	115,012	115,175	1,232
36	6,30	118,319	118,352	118,280	118,337	118,221	118,317	118,123	118,286	1,235
37	6,30	121,218	121,251	121,178	121,236	121,119	121,216	121,021	121,185	1,235
38	6,30	124,324	124,357	124,284	124,342	124,225	124,322	124,126	124,290	1,238
39	6,30	127,228	127,261	127,188	127,246	127,129	127,226	127,029	127,194	1,238
40	6,30	130,328	130,361	130,288	130,347	130,228	130,326	130,128	130,293	1,241
41	6,30	133,237	133,270	133,197	133,255	133,137	133,234	133,037	133,202	1,241
42	6,30	136,333	136,365	136,292	136,350	136,232	136,329	136,131	136,296	1,243
43	6,30	139,246	139,279	139,205	139,263	139,144	139,242	139,043	139,209	1,244
44	6,30	142,336	142,369	142,296	142,354	142,235	142,332	142,133	142,299	1,246
45	6,30	145,253	145,286	145,213	145,271	145,151	145,249	145,049	145,215	1,246
46	6,30	148,340	148,373	148,299	148,357	148,237	148,335	148,134	148,301	1,248
47	6,30	151,260	151,293	151,219	151,278	151,157	151,255	151,054	151,221	1,248
48	6,30	154,343	154,376	154,302	154,360	154,239	154,338	154,136	154,303	1,250
49	6,30	157,267	157,300	157,225	157,284	157,163	157,261	157,059	157,226	1,250
50	6,30	160,346	160,379	160,304	160,363	160,241	160,340	160,137	160,305	1,252
51	6,30	163,273	163,305	163,231	163,289	163,168	163,266	163,063	163,231	1,252
52	6,30	166,349	166,381	166,306	166,365	166,243	166,342	166,138	166,306	1,254
53	6,30	169,278	169,311	169,236	169,294	169,172	169,271	169,067	169,235	1,254
54	6,30	172,351	172,384	172,309	172,367	172,245	172,344	172,138	172,308	1,255
55	6,30	175,283	175,316	175,241	175,299	175,177	175,276	175,070	175,239	1,256
56	6,30	178,353	178,386	178,311	178,369	178,246	178,345	178,139	178,309	1,257
57	6,30	181,288	181,321	181,245	181,304	181,181	181,280	181,073	181,243	1,257
58	6,30	184,356	184,388	184,312	184,371	184,248	184,347	184,140	184,310	1,258
59	6,30	187,292	187,325	187,249	187,308	187,184	187,283	187,076	187,246	1,259
60	6,30	190,358	190,390	190,314	190,373	190,249	190,348	190,140	190,310	1,260

Table 92 (continued)

z	D _{Re}	Measurement over balls or pins, M _{Re} (checking of dimensions S _{min} and S _{max}) for tolerance classes								K _e
		4h		5h		6h		7h		
		min.	max. (aux.)	min.	max. (aux.)	min.	max. (aux.)	min.	max. (aux.)	
61	6,30	193,296	193,329	193,253	193,311	193,187	193,287	193,078	193,249	1,260
62	6,30	196,359	196,392	196,316	196,374	196,250	196,349	196,140	196,311	1,261
63	6,30	199,300	199,332	199,256	199,315	199,190	199,290	199,081	199,251	1,261
64	6,30	202,361	202,393	202,317	202,375	202,251	202,350	202,141	202,312	1,262
65	6,30	205,304	205,336	205,260	205,318	205,193	205,293	205,083	205,254	1,262
66	6,30	208,363	208,395	208,318	208,377	208,252	208,351	208,141	208,312	1,263
67	6,30	211,307	211,339	211,263	211,321	211,196	211,295	211,085	211,256	1,264
68	6,30	214,364	214,396	214,320	214,378	214,253	214,352	214,141	214,313	1,264
69	6,30	217,310	217,342	217,265	217,324	217,198	217,298	217,086	217,258	1,265
70	6,30	220,366	220,398	220,321	220,379	220,253	220,353	220,141	220,313	1,266
71	6,30	223,313	223,345	223,268	223,326	223,200	223,300	223,088	223,260	1,266
72	6,30	226,367	226,399	226,322	226,380	226,254	226,354	226,141	226,313	1,267
73	6,30	229,316	229,348	229,271	229,329	229,203	229,302	229,089	229,262	1,267
74	6,30	232,368	232,400	232,323	232,381	232,254	232,354	232,141	232,313	1,267
75	6,30	235,318	235,350	235,273	235,331	235,204	235,304	235,090	235,263	1,268
76	6,30	238,369	238,401	238,323	238,382	238,255	238,355	238,141	238,314	1,268
77	6,30	241,321	241,353	241,275	241,333	241,206	241,306	241,092	241,265	1,268
78	6,30	244,370	244,402	244,324	244,383	244,255	244,355	244,140	244,314	1,269
79	6,30	247,323	247,355	247,277	247,335	247,208	247,308	247,093	247,266	1,269
80	6,30	250,371	250,403	250,325	250,383	250,256	250,356	250,140	250,314	1,270
81	6,30	253,325	253,357	253,279	253,337	253,209	253,309	253,094	253,267	1,270
82	6,30	256,372	256,404	256,326	256,384	256,256	256,356	256,140	256,313	1,271
83	6,30	259,327	259,359	259,281	259,339	259,211	259,311	259,094	259,268	1,271
84	6,30	262,373	262,405	262,326	262,385	262,256	262,356	262,139	262,313	1,271
85	6,30	265,329	265,361	265,283	265,341	265,212	265,312	265,095	265,269	1,272
86	6,30	268,374	268,405	268,327	268,385	268,257	268,357	268,139	268,313	1,272
87	6,30	271,331	271,363	271,284	271,342	271,213	271,314	271,096	271,270	1,272
88	6,30	274,375	274,406	274,328	274,386	274,257	274,357	274,139	274,313	1,273
89	6,30	277,333	277,364	277,286	277,344	277,215	277,315	277,096	277,271	1,273
90	6,30	280,376	280,407	280,328	280,386	280,257	280,357	280,138	280,313	1,273
91	6,30	283,335	283,366	283,287	283,345	283,216	283,316	283,097	283,271	1,274
92	6,30	286,376	286,407	286,329	286,387	286,257	286,357	286,138	286,313	1,274
93	6,30	289,336	289,367	289,288	289,346	289,217	289,317	289,097	289,272	1,274
94	6,30	292,377	292,408	292,329	292,387	292,257	292,357	292,137	292,312	1,275
95	6,30	295,338	295,369	295,290	295,348	295,218	295,318	295,098	295,273	1,275
96	6,30	298,378	298,409	298,329	298,387	298,257	298,357	298,137	298,312	1,275
97	6,30	301,339	301,370	301,291	301,349	301,219	301,319	301,098	301,273	1,275
98	6,30	304,378	304,409	304,330	304,388	304,257	304,358	304,136	304,312	1,276
99	6,30	307,341	307,371	307,292	307,350	307,219	307,320	307,098	307,274	1,276
100	6,30	310,379	310,410	310,330	310,388	310,257	310,358	310,136	310,311	1,276

5.25 37,5° pressure angle, module 4

Table 93 — Geometry internal spline, $\alpha = 37,5^\circ$, $m = 4$, fillet root, $E_{v \min} = 6,283$

z	D	D_b	$D_{ei \max}$	$D_{Fi \min}$	$D_{ii \min}$	$E_{\max}$			
						4H	5H	6H	7H
6	24,00	19,040 5	29,84	28,40	21,22	6,330	6,358	6,400	6,470
7	28,00	22,213 9	33,85	32,40	25,09	6,330	6,359	6,402	6,473
8	32,00	25,387 3	37,85	36,40	28,99	6,331	6,360	6,403	6,475
9	36,00	28,560 7	41,85	40,40	32,92	6,332	6,361	6,405	6,478
10	40,00	31,734 1	45,86	44,40	36,86	6,332	6,362	6,406	6,480
11	44,00	34,907 5	49,86	48,40	40,81	6,333	6,363	6,407	6,482
12	48,00	38,081 0	53,86	52,40	44,78	6,333	6,363	6,409	6,484
13	52,00	41,254 4	57,86	56,40	48,74	6,334	6,364	6,410	6,486
14	56,00	44,427 8	61,87	60,40	52,72	6,334	6,365	6,411	6,488
15	60,00	47,601 2	65,87	64,40	56,69	6,335	6,366	6,412	6,490
16	64,00	50,774 6	69,87	68,40	60,68	6,335	6,366	6,413	6,491
17	68,00	53,948 0	73,87	72,40	64,66	6,336	6,367	6,414	6,493
18	72,00	57,121 4	77,88	76,40	68,64	6,336	6,368	6,415	6,495
19	76,00	60,294 9	81,88	80,40	72,63	6,336	6,368	6,416	6,496
20	80,00	63,468 3	85,88	84,40	76,62	6,337	6,369	6,417	6,498
21	84,00	66,641 7	89,88	88,40	80,61	6,337	6,369	6,418	6,499
22	88,00	69,815 1	93,88	92,40	84,60	6,337	6,370	6,419	6,500
23	92,00	72,988 5	97,89	96,40	88,59	6,338	6,371	6,420	6,502
24	96,00	76,161 9	101,89	100,40	92,58	6,338	6,371	6,421	6,503
25	100,00	79,335 3	105,89	104,40	96,57	6,338	6,372	6,421	6,504
26	104,00	82,508 7	109,89	108,40	100,56	6,339	6,372	6,422	6,506
27	108,00	85,682 2	113,89	112,40	104,56	6,339	6,373	6,423	6,507
28	112,00	88,855 6	117,89	116,40	108,55	6,339	6,373	6,424	6,508
29	116,00	92,029 0	121,89	120,40	112,55	6,340	6,374	6,424	6,509
30	120,00	95,202 4	125,90	124,40	116,54	6,340	6,374	6,425	6,510
31	124,00	98,375 8	129,90	128,40	120,54	6,340	6,374	6,426	6,512
32	128,00	101,549 2	133,90	132,40	124,53	6,340	6,375	6,427	6,513
33	132,00	104,722 6	137,90	136,40	128,53	6,341	6,375	6,427	6,514
34	136,00	107,896 1	141,90	140,40	132,52	6,341	6,376	6,428	6,515
35	140,00	111,069 5	145,90	144,40	136,52	6,341	6,376	6,429	6,516
36	144,00	114,242 9	149,90	148,40	140,52	6,341	6,377	6,429	6,517
37	148,00	117,416 3	153,91	152,40	144,51	6,342	6,377	6,430	6,518
38	152,00	120,589 7	157,91	156,40	148,51	6,342	6,377	6,431	6,519
39	156,00	123,763 1	161,91	160,40	152,51	6,342	6,378	6,431	6,520
40	160,00	126,936 5	165,91	164,40	156,51	6,342	6,378	6,432	6,521
41	164,00	130,109 9	169,91	168,40	160,50	6,343	6,379	6,432	6,522
42	168,00	133,283 4	173,91	172,40	164,50	6,343	6,379	6,433	6,523
43	172,00	136,456 8	177,91	176,40	168,50	6,343	6,379	6,434	6,524
44	176,00	139,630 2	181,92	180,40	172,50	6,343	6,380	6,434	6,525
45	180,00	142,803 6	185,92	184,40	176,49	6,344	6,380	6,435	6,526
46	184,00	145,977 0	189,92	188,40	180,49	6,344	6,380	6,435	6,527
47	188,00	149,150 4	193,92	192,40	184,49	6,344	6,381	6,436	6,527
48	192,00	152,323 8	197,92	196,40	188,49	6,344	6,381	6,436	6,528
49	196,00	155,497 3	201,92	200,40	192,49	6,345	6,382	6,437	6,529
50	200,00	158,670 7	205,92	204,40	196,48	6,345	6,382	6,437	6,530
51	204,00	161,844 1	209,92	208,40	200,48	6,345	6,382	6,438	6,531
52	208,00	165,017 5	213,92	212,40	204,48	6,345	6,383	6,439	6,532
53	212,00	168,190 9	217,93	216,40	208,48	6,345	6,383	6,439	6,533
54	216,00	171,364 3	221,93	220,40	212,48	6,346	6,383	6,440	6,534
55	220,00	174,537 7	225,93	224,40	216,48	6,346	6,384	6,440	6,534
56	224,00	177,711 1	229,93	228,40	220,47	6,346	6,384	6,441	6,535
57	228,00	180,884 6	233,93	232,40	224,47	6,346	6,384	6,441	6,536
58	232,00	184,058 0	237,93	236,40	228,47	6,346	6,384	6,442	6,537
59	236,00	187,231 4	241,93	240,40	232,47	6,347	6,385	6,442	6,538
60	240,00	190,404 8	245,93	244,40	236,47	6,347	6,385	6,443	6,538
61	244,00	193,578 2	249,93	248,40	240,47	6,347	6,385	6,443	6,539

Table 93 (continued)

z	D	D_b	$D_{ei \max}$	$D_{Fi \min}$	$D_{li \min}$	$E_{\max}$			
						4H	5H	6H	7H
62	248,00	196,751 6	253,93	252,40	244,47	6,347	6,386	6,444	6,540
63	252,00	199,925 0	257,94	256,40	248,47	6,347	6,386	6,444	6,541
64	256,00	203,098 5	261,94	260,40	252,47	6,348	6,386	6,444	6,541
65	260,00	206,271 9	265,94	264,40	256,46	6,348	6,387	6,445	6,542
66	264,00	209,445 3	269,94	268,40	260,46	6,348	6,387	6,445	6,543
67	268,00	212,618 7	273,94	272,40	264,46	6,348	6,387	6,446	6,544
68	272,00	215,792 1	277,94	276,40	268,46	6,348	6,388	6,446	6,544
69	276,00	218,965 5	281,94	280,40	272,46	6,349	6,388	6,447	6,545
70	280,00	222,138 9	285,94	284,40	276,46	6,349	6,388	6,447	6,546
71	284,00	225,312 3	289,94	288,40	280,46	6,349	6,388	6,448	6,547
72	288,00	228,485 8	293,94	292,40	284,46	6,349	6,389	6,448	6,547
73	292,00	231,659 2	297,95	296,40	288,46	6,349	6,389	6,449	6,548
74	296,00	234,832 6	301,95	300,40	292,46	6,349	6,389	6,449	6,549
75	300,00	238,006 0	305,95	304,40	296,46	6,350	6,390	6,449	6,549
76	304,00	241,179 4	309,95	308,40	300,45	6,350	6,390	6,450	6,550
77	308,00	244,352 8	313,95	312,40	304,45	6,350	6,390	6,450	6,551
78	312,00	247,526 2	317,95	316,40	308,45	6,350	6,390	6,451	6,551
79	316,00	250,699 7	321,95	320,40	312,45	6,350	6,391	6,451	6,552
80	320,00	253,873 1	325,95	324,40	316,45	6,350	6,391	6,452	6,553
81	324,00	257,046 5	329,95	328,40	320,45	6,351	6,391	6,452	6,553
82	328,00	260,219 9	333,95	332,40	324,45	6,351	6,391	6,452	6,554
83	332,00	263,393 3	337,95	336,40	328,45	6,351	6,392	6,453	6,555
84	336,00	266,566 7	341,96	340,40	332,45	6,351	6,392	6,453	6,555
85	340,00	269,740 1	345,96	344,40	336,45	6,351	6,392	6,454	6,556
86	344,00	272,913 5	349,96	348,40	340,45	6,351	6,392	6,454	6,557
87	348,00	276,087 0	353,96	352,40	344,45	6,352	6,393	6,454	6,557
88	352,00	279,260 4	357,96	356,40	348,45	6,352	6,393	6,455	6,558
89	356,00	282,433 8	361,96	360,40	352,45	6,352	6,393	6,455	6,559
90	360,00	285,607 2	365,96	364,40	356,45	6,352	6,394	6,456	6,559
91	364,00	288,780 6	369,96	368,40	360,45	6,352	6,394	6,456	6,560
92	368,00	291,954 0	373,96	372,40	364,45	6,352	6,394	6,456	6,561
93	372,00	295,127 4	377,96	376,40	368,44	6,353	6,394	6,457	6,561
94	376,00	298,300 9	381,96	380,40	372,44	6,353	6,395	6,457	6,562
95	380,00	301,474 3	385,96	384,40	376,44	6,353	6,395	6,458	6,562
96	384,00	304,647 7	389,96	388,40	380,44	6,353	6,395	6,458	6,563
97	388,00	307,821 1	393,97	392,40	384,44	6,353	6,395	6,458	6,564
98	392,00	310,994 5	397,97	396,40	388,44	6,353	6,396	6,459	6,564
99	396,00	314,167 9	401,97	400,40	392,44	6,353	6,396	6,459	6,565
100	400,00	317,341 3	405,97	404,40	396,44	6,354	6,396	6,460	6,565

Table 94 — Geometry external spline, $\alpha = 37,5^\circ$, $m = 4$, fillet root, $S_{v \max} = 6,283$

z	D	D_b	$D_{ee \max}$	$D_{Fe \max}$	$D_{ie \min}$	$S_{\min}$			
						4h	5h	6h	7h
6	24,00	19,040 5	27,60	20,42	18,16	6,236	6,208	6,166	6,096
7	28,00	22,213 9	31,60	24,29	22,15	6,236	6,207	6,164	6,093
8	32,00	25,387 3	35,60	28,19	26,15	6,235	6,206	6,163	6,091
9	36,00	28,560 7	39,60	32,12	30,15	6,234	6,205	6,161	6,088
10	40,00	31,734 1	43,60	36,06	34,14	6,234	6,204	6,160	6,086
11	44,00	34,907 5	47,60	40,01	38,14	6,233	6,203	6,159	6,084
12	48,00	38,081 0	51,60	43,98	42,14	6,233	6,203	6,157	6,082
13	52,00	41,254 4	55,60	47,94	46,14	6,232	6,202	6,156	6,080
14	56,00	44,427 8	59,60	51,92	50,13	6,232	6,201	6,155	6,078
15	60,00	47,601 2	63,60	55,89	54,13	6,231	6,200	6,154	6,076
16	64,00	50,774 6	67,60	59,88	58,13	6,231	6,200	6,153	6,075
17	68,00	53,948 0	71,60	63,86	62,13	6,230	6,199	6,152	6,073
18	72,00	57,121 4	75,60	67,84	66,12	6,230	6,198	6,151	6,071
19	76,00	60,294 9	79,60	71,83	70,12	6,230	6,198	6,150	6,070
20	80,00	63,468 3	83,60	75,82	74,12	6,229	6,197	6,149	6,068
21	84,00	66,641 7	87,60	79,81	78,12	6,229	6,197	6,148	6,067
22	88,00	69,815 1	91,60	83,80	82,12	6,229	6,196	6,147	6,066
23	92,00	72,988 5	95,60	87,79	86,11	6,228	6,195	6,146	6,064
24	96,00	76,161 9	99,60	91,78	90,11	6,228	6,195	6,145	6,063
25	100,00	79,335 3	103,60	95,77	94,11	6,228	6,194	6,145	6,062
26	104,00	82,508 7	107,60	99,76	98,11	6,227	6,194	6,144	6,060
27	108,00	85,682 2	111,60	103,76	102,11	6,227	6,193	6,143	6,059
28	112,00	88,855 6	115,60	107,75	106,11	6,227	6,193	6,142	6,058
29	116,00	92,029 0	119,60	111,75	110,11	6,226	6,192	6,142	6,057
30	120,00	95,202 4	123,60	115,74	114,10	6,226	6,192	6,141	6,056
31	124,00	98,375 8	127,60	119,74	118,10	6,226	6,192	6,140	6,054
32	128,00	101,549 2	131,60	123,73	122,10	6,226	6,191	6,139	6,053
33	132,00	104,722 6	135,60	127,73	126,10	6,225	6,191	6,139	6,052
34	136,00	107,896 1	139,60	131,72	130,10	6,225	6,190	6,138	6,051
35	140,00	111,069 5	143,60	135,72	134,10	6,225	6,190	6,137	6,050
36	144,00	114,242 9	147,60	139,72	138,10	6,225	6,189	6,137	6,049
37	148,00	117,416 3	151,60	143,71	142,09	6,224	6,189	6,136	6,048
38	152,00	120,589 7	155,60	147,71	146,09	6,224	6,189	6,135	6,047
39	156,00	123,763 1	159,60	151,71	150,09	6,224	6,188	6,135	6,046
40	160,00	126,936 5	163,60	155,71	154,09	6,224	6,188	6,134	6,045
41	164,00	130,109 9	167,60	159,70	158,09	6,223	6,187	6,134	6,044
42	168,00	133,283 4	171,60	163,70	162,09	6,223	6,187	6,133	6,043
43	172,00	136,456 8	175,60	167,70	166,09	6,223	6,187	6,132	6,042
44	176,00	139,630 2	179,60	171,70	170,08	6,223	6,186	6,132	6,041
45	180,00	142,803 6	183,60	175,69	174,08	6,222	6,186	6,131	6,040
46	184,00	145,977 0	187,60	179,69	178,08	6,222	6,186	6,131	6,039
47	188,00	149,150 4	191,60	183,69	182,08	6,222	6,185	6,130	6,039
48	192,00	152,323 8	195,60	187,69	186,08	6,222	6,185	6,130	6,038
49	196,00	155,497 3	199,60	191,69	190,08	6,221	6,184	6,129	6,037
50	200,00	158,670 7	203,60	195,68	194,08	6,221	6,184	6,129	6,036
51	204,00	161,844 1	207,60	199,68	198,08	6,221	6,184	6,128	6,035
52	208,00	165,017 5	211,60	203,68	202,08	6,221	6,183	6,127	6,034
53	212,00	168,190 9	215,60	207,68	206,07	6,221	6,183	6,127	6,033
54	216,00	171,364 3	219,60	211,68	210,07	6,220	6,183	6,126	6,032
55	220,00	174,537 7	223,60	215,68	214,07	6,220	6,182	6,126	6,032
56	224,00	177,711 1	227,60	219,67	218,07	6,220	6,182	6,125	6,031
57	228,00	180,884 6	231,60	223,67	222,07	6,220	6,182	6,125	6,030
58	232,00	184,058 0	235,60	227,67	226,07	6,220	6,182	6,124	6,029
59	236,00	187,231 4	239,60	231,67	230,07	6,219	6,181	6,124	6,028
60	240,00	190,404 8	243,60	235,67	234,07	6,219	6,181	6,123	6,028
61	244,00	193,578 2	247,60	239,67	238,07	6,219	6,181	6,123	6,027
62	248,00	196,751 6	251,60	243,67	242,07	6,219	6,180	6,122	6,026
63	252,00	199,925 0	255,60	247,67	246,06	6,219	6,180	6,122	6,025
64	256,00	203,098 5	259,60	251,67	250,06	6,218	6,180	6,122	6,025

Table 94 (continued)

z	D	D_b	$D_{ee \text{ max}}$	$D_{Fe \text{ max}}$	$D_{ie \text{ min}}$	$S_{\min}$			
						4h	5h	6h	7h
65	260,00	206,271 9	263,60	255,66	254,06	6,218	6,179	6,121	6,024
66	264,00	209,445 3	267,60	259,66	258,06	6,218	6,179	6,121	6,023
67	268,00	212,618 7	271,60	263,66	262,06	6,218	6,179	6,120	6,022
68	272,00	215,792 1	275,60	267,66	266,06	6,218	6,178	6,120	6,022
69	276,00	218,965 5	279,60	271,66	270,06	6,217	6,178	6,119	6,021
70	280,00	222,138 9	283,60	275,66	274,06	6,217	6,178	6,119	6,020
71	284,00	225,312 3	287,60	279,66	278,06	6,217	6,178	6,118	6,019
72	288,00	228,485 8	291,60	283,66	282,06	6,217	6,177	6,118	6,019
73	292,00	231,659 2	295,60	287,66	286,05	6,217	6,177	6,117	6,018
74	296,00	234,832 6	299,60	291,66	290,05	6,217	6,177	6,117	6,017
75	300,00	238,006 0	303,60	295,66	294,05	6,216	6,176	6,117	6,017
76	304,00	241,179 4	307,60	299,65	298,05	6,216	6,176	6,116	6,016
77	308,00	244,352 8	311,60	303,65	302,05	6,216	6,176	6,116	6,015
78	312,00	247,526 2	315,60	307,65	306,05	6,216	6,176	6,115	6,015
79	316,00	250,699 7	319,60	311,65	310,05	6,216	6,175	6,115	6,014
80	320,00	253,873 1	323,60	315,65	314,05	6,216	6,175	6,114	6,013
81	324,00	257,046 5	327,60	319,65	318,05	6,215	6,175	6,114	6,013
82	328,00	260,219 9	331,60	323,65	322,05	6,215	6,175	6,114	6,012
83	332,00	263,393 3	335,60	327,65	326,05	6,215	6,174	6,113	6,011
84	336,00	266,566 7	339,60	331,65	330,04	6,215	6,174	6,113	6,011
85	340,00	269,740 1	343,60	335,65	334,04	6,215	6,174	6,112	6,010
86	344,00	272,913 5	347,60	339,65	338,04	6,215	6,174	6,112	6,009
87	348,00	276,087 0	351,60	343,65	342,04	6,214	6,173	6,112	6,009
88	352,00	279,260 4	355,60	347,65	346,04	6,214	6,173	6,111	6,008
89	356,00	282,433 8	359,60	351,65	350,04	6,214	6,173	6,111	6,007
90	360,00	285,607 2	363,60	355,65	354,04	6,214	6,172	6,110	6,007
91	364,00	288,780 6	367,60	359,65	358,04	6,214	6,172	6,110	6,006
92	368,00	291,954 0	371,60	363,65	362,04	6,214	6,172	6,110	6,005
93	372,00	295,127 4	375,60	367,64	366,04	6,213	6,172	6,109	6,005
94	376,00	298,300 9	379,60	371,64	370,04	6,213	6,171	6,109	6,004
95	380,00	301,474 3	383,60	375,64	374,04	6,213	6,171	6,108	6,004
96	384,00	304,647 7	387,60	379,64	378,04	6,213	6,171	6,108	6,003
97	388,00	307,821 1	391,60	383,64	382,03	6,213	6,171	6,108	6,002
98	392,00	310,994 5	395,60	387,64	386,03	6,213	6,170	6,107	6,002
99	396,00	314,167 9	399,60	391,64	390,03	6,213	6,170	6,107	6,001
100	400,00	317,341 3	403,60	395,64	394,03	6,212	6,170	6,106	6,001

Table 95 — Inspection dimensions internal spline, $\alpha = 37,5^\circ$, $m = 4$, $E_{v \min} = 6,283$

z	D _{Ri}	Measurement between balls or pins, M _{Ri} (checking of dimensions E _{min} and E _{max}) for tolerance classes								K _i
		4H		5H		6H		7H		
		min. (aux.)	max.	min. (aux.)	max.	min. (aux.)	max.	min. (aux.)	max.	
6	7,10	12,302	12,416	12,334	12,513	12,380	12,645	12,448	12,842	2,668
7	7,10	16,151	16,214	16,169	16,273	16,194	16,360	16,234	16,500	1,946
8	7,10	20,918	20,974	20,934	21,027	20,957	21,106	20,994	21,236	1,786
9	7,10	24,529	24,580	24,544	24,630	24,566	24,703	24,600	24,825	1,652
10	7,50	27,815	27,869	27,831	27,922	27,855	28,001	27,891	28,131	1,745
11	7,50	31,500	31,551	31,516	31,601	31,538	31,676	31,573	31,800	1,648
12	7,50	35,964	36,014	35,980	36,063	36,002	36,137	36,037	36,259	1,610
13	7,50	39,667	39,714	39,682	39,762	39,703	39,834	39,737	39,953	1,559
14	7,50	44,052	44,098	44,067	44,146	44,089	44,218	44,123	44,337	1,540
15	7,50	47,779	47,824	47,794	47,872	47,816	47,942	47,850	48,060	1,507
16	7,50	52,110	52,155	52,125	52,202	52,147	52,273	52,181	52,390	1,496
17	7,50	55,861	55,905	55,876	55,952	55,898	56,022	55,932	56,138	1,473
18	7,50	60,151	60,196	60,167	60,242	60,189	60,313	60,223	60,429	1,466
19	7,50	63,923	63,967	63,939	64,014	63,961	64,083	63,995	64,200	1,449
20	7,50	68,183	68,226	68,198	68,273	68,221	68,343	68,256	68,460	1,444
21	8,00	70,551	70,595	70,567	70,643	70,590	70,715	70,626	70,835	1,471
22	8,00	74,790	74,833	74,806	74,881	74,829	74,953	74,865	75,073	1,464
23	8,00	78,603	78,647	78,620	78,695	78,643	78,766	78,679	78,886	1,451
24	8,00	82,820	82,863	82,837	82,911	82,860	82,983	82,897	83,103	1,446
25	8,00	86,646	86,689	86,663	86,737	86,687	86,809	86,723	86,928	1,435
26	8,00	90,845	90,888	90,862	90,936	90,886	91,008	90,923	91,128	1,431
27	8,00	94,682	94,725	94,699	94,773	94,723	94,844	94,760	94,964	1,423
28	8,00	98,866	98,908	98,883	98,957	98,908	99,029	98,945	99,149	1,420
29	8,00	102,713	102,755	102,730	102,803	102,754	102,875	102,792	102,995	1,412
30	8,00	106,884	106,926	106,901	106,974	106,926	107,046	106,964	107,167	1,410
31	8,00	110,739	110,781	110,757	110,829	110,782	110,901	110,820	111,022	1,404
32	8,00	114,899	114,941	114,917	114,989	114,942	115,062	114,980	115,183	1,402
33	8,00	118,763	118,803	118,780	118,852	118,805	118,925	118,844	119,046	1,396
34	8,00	122,913	122,954	122,931	123,002	122,956	123,075	122,995	123,197	1,395
35	8,00	126,783	126,824	126,801	126,872	126,826	126,945	126,866	127,067	1,390
36	8,00	130,924	130,965	130,943	131,014	130,968	131,087	131,008	131,209	1,388
37	8,00	134,801	134,841	134,819	134,890	134,845	134,964	134,885	135,086	1,384
38	8,00	138,935	138,975	138,953	139,024	138,979	139,098	139,019	139,220	1,383
39	8,00	142,817	142,857	142,836	142,906	142,862	142,980	142,902	143,103	1,379
40	8,00	146,944	146,984	146,963	147,033	146,989	147,107	147,030	147,230	1,378
41	8,00	150,832	150,871	150,851	150,921	150,877	150,995	150,918	151,118	1,375
42	8,00	154,953	154,992	154,971	155,042	154,998	155,116	155,039	155,240	1,374
43	8,00	158,845	158,884	158,864	158,934	158,891	159,009	158,932	159,132	1,371
44	8,00	162,960	162,999	162,979	163,049	163,006	163,124	163,048	163,248	1,370
45	8,00	166,857	166,896	166,876	166,946	166,904	167,021	166,946	167,146	1,368
46	8,00	170,967	171,006	170,986	171,056	171,014	171,131	171,056	171,256	1,367
47	8,00	174,868	174,907	174,888	174,957	174,915	175,032	174,958	175,158	1,365
48	8,00	178,973	179,012	178,993	179,062	179,021	179,138	179,064	179,264	1,364
49	8,00	182,878	182,917	182,898	182,967	182,926	183,043	182,969	183,169	1,362
50	8,00	186,979	187,018	186,999	187,068	187,027	187,144	187,071	187,270	1,361
51	8,00	190,888	190,926	190,908	190,977	190,936	191,053	190,980	191,179	1,359
52	8,00	194,985	195,023	195,005	195,074	195,033	195,150	195,077	195,277	1,359
53	8,00	198,896	198,934	198,917	198,985	198,945	199,062	198,990	199,189	1,357
54	8,00	202,990	203,028	203,010	203,079	203,039	203,155	203,083	203,283	1,356
55	8,00	206,904	206,942	206,925	206,993	206,954	207,070	206,999	207,198	1,355
56	8,00	210,994	211,032	211,015	211,083	211,044	211,160	211,089	211,289	1,354
57	8,00	214,912	214,950	214,933	215,001	214,962	215,078	215,007	215,206	1,353
58	8,00	218,999	219,036	219,020	219,088	219,049	219,165	219,095	219,294	1,352
59	8,00	222,919	222,956	222,940	223,008	222,970	223,086	223,015	223,215	1,351
60	8,00	227,003	227,040	227,024	227,092	227,054	227,170	227,100	227,299	1,350
61	8,00	230,925	230,963	230,947	231,015	230,977	231,093	231,023	231,222	1,349

Table 95 (continued)

z	D _{Ri}	Measurement between balls or pins, M _{Ri} (checking of dimensions E _{min} and E _{max}) for tolerance classes								K _i
		4H		5H		6H		7H		
		min. (aux.)	max.	min. (aux.)	max.	min. (aux.)	max.	min. (aux.)	max.	
62	8,00	235,006	235,044	235,028	235,096	235,058	235,174	235,105	235,304	1,349
63	8,00	238,932	238,969	238,953	239,021	238,984	239,099	239,030	239,229	1,347
64	8,00	243,010	243,047	243,032	243,100	243,063	243,178	243,110	243,309	1,347
65	8,00	246,937	246,974	246,959	247,027	246,990	247,105	247,037	247,236	1,346
66	8,00	251,013	251,050	251,035	251,103	251,067	251,182	251,114	251,313	1,346
67	8,00	254,943	254,980	254,965	255,032	254,996	255,111	255,044	255,243	1,345
68	8,00	259,017	259,053	259,039	259,106	259,070	259,185	259,118	259,317	1,344
69	8,00	262,948	262,985	262,970	263,038	263,002	263,117	263,050	263,249	1,343
70	8,00	267,020	267,056	267,042	267,109	267,074	267,189	267,122	267,321	1,343
71	8,00	270,953	270,989	270,975	271,043	271,007	271,122	271,056	271,255	1,342
72	8,00	275,023	275,059	275,045	275,112	275,077	275,192	275,126	275,325	1,342
73	8,00	278,958	278,994	278,980	279,047	279,013	279,127	279,062	279,261	1,341
74	8,00	283,025	283,062	283,048	283,115	283,081	283,195	283,130	283,329	1,341
75	8,00	286,962	286,998	286,985	287,052	287,018	287,132	287,067	287,266	1,340
76	8,00	291,028	291,064	291,051	291,118	291,084	291,198	291,134	291,333	1,339
77	8,00	294,966	295,002	294,989	295,056	295,022	295,137	295,072	295,271	1,339
78	8,00	299,031	299,066	299,054	299,120	299,087	299,201	299,137	299,336	1,338
79	8,00	302,970	303,006	302,994	303,060	303,027	303,141	303,078	303,276	1,338
80	8,00	307,033	307,069	307,057	307,123	307,090	307,204	307,141	307,340	1,337
81	8,00	310,974	311,010	310,998	311,064	311,031	311,146	311,082	311,281	1,337
82	8,00	315,035	315,071	315,059	315,125	315,093	315,207	315,144	315,343	1,337
83	8,00	318,978	319,013	319,002	319,068	319,036	319,150	319,087	319,286	1,336
84	8,00	323,037	323,073	323,061	323,128	323,096	323,210	323,147	323,346	1,336
85	8,00	326,981	327,017	327,005	327,071	327,040	327,154	327,092	327,290	1,335
86	8,00	331,040	331,075	331,064	331,130	331,098	331,212	331,150	331,349	1,335
87	8,00	334,985	335,020	335,009	335,075	335,044	335,157	335,096	335,295	1,334
88	8,00	339,042	339,077	339,066	339,132	339,101	339,215	339,153	339,352	1,334
89	8,00	342,988	343,023	343,013	343,078	343,047	343,161	343,100	343,299	1,334
90	8,00	347,044	347,079	347,068	347,134	347,103	347,217	347,156	347,355	1,333
91	8,00	350,991	351,026	351,016	351,081	351,051	351,165	351,104	351,303	1,333
92	8,00	355,045	355,080	355,070	355,136	355,106	355,219	355,159	355,358	1,333
93	8,00	358,994	359,029	359,019	359,085	359,054	359,168	359,108	359,307	1,332
94	8,00	363,047	363,082	363,072	363,138	363,108	363,221	363,162	363,361	1,332
95	8,00	366,997	367,032	367,022	367,087	367,058	367,171	367,112	367,311	1,331
96	8,00	371,049	371,084	371,074	371,140	371,110	371,224	371,165	371,363	1,331
97	8,00	375,000	375,034	375,025	375,090	375,061	375,174	375,116	375,315	1,331
98	8,00	379,051	379,085	379,076	379,141	379,112	379,226	379,167	379,366	1,331
99	8,00	383,002	383,037	383,028	383,093	383,064	383,178	383,119	383,318	1,330
100	8,00	387,052	387,087	387,078	387,143	387,115	387,228	387,170	387,369	1,330

Table 96 — Inspection dimensions external spline, $\alpha = 37,5^\circ$, $m = 4$, $S_{v \max} = 6,283$

z	D _{Re}	Measurement over balls or pins, M _{Re} (checking of dimensions S _{min} and S _{max}) for tolerance classes								K _e
		4h		5h		6h		7h		
		min.	max. (aux.)	min.	max. (aux.)	min.	max. (aux.)	min.	max. (aux.)	
6	10,60	42,328	42,358	42,300	42,350	42,259	42,338	42,189	42,319	0,994
7	10,00	44,193	44,223	44,165	44,215	44,122	44,203	44,051	44,184	1,002
8	9,50	47,995	48,027	47,965	48,018	47,919	48,005	47,843	47,984	1,059
9	9,50	51,410	51,442	51,380	51,433	51,333	51,419	51,256	51,398	1,057
10	9,50	56,110	56,142	56,078	56,133	56,030	56,119	55,950	56,096	1,086
11	9,00	58,453	58,486	58,420	58,476	58,371	58,461	58,289	58,438	1,101
12	9,00	62,995	63,029	62,962	63,019	62,911	63,003	62,826	62,980	1,123
13	9,00	66,602	66,636	66,568	66,625	66,517	66,610	66,431	66,586	1,123
14	9,00	71,052	71,086	71,017	71,075	70,964	71,059	70,877	71,034	1,140
15	9,00	74,714	74,748	74,678	74,737	74,625	74,720	74,537	74,695	1,141
16	9,00	79,097	79,132	79,061	79,120	79,007	79,103	78,917	79,077	1,154
17	9,00	82,800	82,835	82,764	82,823	82,709	82,806	82,619	82,780	1,155
18	9,00	87,134	87,169	87,097	87,157	87,042	87,139	86,949	87,112	1,166
19	8,50	89,632	89,667	89,594	89,655	89,538	89,637	89,444	89,609	1,180
20	8,50	93,922	93,957	93,884	93,944	93,826	93,926	93,731	93,898	1,189
21	8,50	97,683	97,718	97,644	97,705	97,586	97,686	97,490	97,658	1,190
22	8,50	101,942	101,978	101,904	101,965	101,845	101,946	101,748	101,917	1,197
23	8,50	105,724	105,760	105,685	105,747	105,626	105,727	105,528	105,698	1,198
24	8,50	109,960	109,996	109,920	109,982	109,861	109,963	109,762	109,932	1,204
25	8,50	113,760	113,795	113,720	113,782	113,660	113,762	113,560	113,731	1,205
26	8,50	117,975	118,011	117,935	117,997	117,875	117,977	117,774	117,946	1,210
27	8,50	121,790	121,826	121,750	121,812	121,689	121,791	121,587	121,760	1,211
28	8,50	125,989	126,024	125,948	126,010	125,886	125,989	125,784	125,957	1,215
29	8,50	129,816	129,852	129,775	129,838	129,713	129,817	129,610	129,784	1,216
30	8,50	134,000	134,036	133,959	134,021	133,896	134,000	133,792	133,967	1,220
31	8,50	137,839	137,875	137,798	137,860	137,735	137,839	137,630	137,806	1,221
32	8,50	142,011	142,046	141,969	142,031	141,905	142,009	141,800	141,976	1,225
33	8,50	145,860	145,895	145,817	145,880	145,754	145,858	145,648	145,824	1,225
34	8,50	150,020	150,055	149,977	150,040	149,913	150,018	149,806	149,984	1,229
35	8,50	153,877	153,913	153,835	153,897	153,770	153,875	153,663	153,840	1,229
36	8,50	158,028	158,064	157,985	158,048	157,920	158,025	157,812	157,990	1,232
37	8,50	161,893	161,929	161,850	161,913	161,785	161,890	161,676	161,855	1,233
38	8,50	166,035	166,071	165,992	166,055	165,926	166,032	165,817	165,996	1,235
39	8,50	169,908	169,943	169,864	169,927	169,798	169,904	169,688	169,868	1,236
40	8,50	174,042	174,078	173,998	174,061	173,932	174,037	173,821	174,001	1,238
41	8,50	177,921	177,956	177,876	177,940	177,810	177,916	177,699	177,879	1,239
42	8,50	182,048	182,084	182,004	182,067	181,937	182,043	181,825	182,006	1,241
43	8,50	185,933	185,968	185,888	185,951	185,821	185,927	185,709	185,889	1,241
44	8,50	190,054	190,089	190,009	190,072	189,941	190,047	189,828	190,010	1,244
45	8,50	193,943	193,979	193,898	193,961	193,830	193,936	193,717	193,898	1,244
46	8,50	198,059	198,094	198,013	198,077	197,945	198,052	197,831	198,013	1,246
47	8,50	201,953	201,988	201,907	201,971	201,839	201,945	201,725	201,907	1,246
48	8,50	206,063	206,099	206,018	206,081	205,949	206,055	205,834	206,016	1,248
49	8,50	209,962	209,997	209,916	209,979	209,847	209,954	209,732	209,914	1,248
50	8,50	214,068	214,103	214,021	214,085	213,952	214,059	213,836	214,019	1,250
51	8,50	217,970	218,005	217,924	217,987	217,854	217,961	217,738	217,921	1,250
52	8,50	222,072	222,107	222,025	222,088	221,955	222,062	221,838	222,022	1,252
53	8,50	225,978	226,013	225,931	225,994	225,861	225,968	225,744	225,927	1,252
54	8,50	230,075	230,110	230,028	230,092	229,958	230,065	229,840	230,024	1,253
55	8,50	233,985	234,020	233,938	234,001	233,867	233,974	233,749	233,933	1,254
56	8,50	238,079	238,114	238,031	238,095	237,960	238,067	237,841	238,026	1,255
57	8,50	241,992	242,026	241,944	242,007	241,873	241,980	241,754	241,938	1,255
58	8,50	246,082	246,117	246,034	246,097	245,962	246,070	245,843	246,028	1,257
59	8,50	249,998	250,032	249,950	250,013	249,878	249,985	249,758	249,943	1,257
60	8,50	254,085	254,120	254,037	254,100	253,964	254,072	253,844	254,029	1,258

Table 96 (continued)

z	D _{Re}	Measurement over balls or pins, M _{Re} (checking of dimensions S _{min} and S _{max}) for tolerance classes								K _e
		4h		5h		6h		7h		
		min.	max. (aux.)	min.	max. (aux.)	min.	max. (aux.)	min.	max. (aux.)	
61	8,50	258,003	258,038	257,955	258,018	257,883	257,990	257,762	257,947	1,258
62	8,50	262,087	262,122	262,039	262,102	261,966	262,074	261,845	262,031	1,259
63	8,50	266,009	266,043	265,960	266,023	265,887	265,995	265,765	265,951	1,260
64	8,50	270,090	270,125	270,041	270,104	269,968	270,076	269,846	270,032	1,261
65	8,50	274,014	274,048	273,965	274,028	273,891	273,999	273,769	273,955	1,261
66	8,50	278,092	278,127	278,043	278,106	277,969	278,077	277,847	278,033	1,262
67	8,50	282,018	282,053	281,969	282,032	281,895	282,003	281,772	281,958	1,262
68	8,50	286,095	286,129	286,045	286,108	285,971	286,079	285,847	286,034	1,263
69	8,50	290,023	290,057	289,973	290,036	289,899	290,006	289,774	289,961	1,263
70	8,50	294,097	294,131	294,047	294,110	293,972	294,080	293,848	294,035	1,264
71	8,50	298,027	298,061	297,977	298,040	297,902	298,010	297,777	297,964	1,264
72	8,50	302,099	302,133	302,048	302,112	301,973	302,081	301,848	302,035	1,265
73	8,50	306,031	306,065	305,980	306,043	305,905	306,013	305,779	305,967	1,265
74	8,50	310,100	310,135	310,050	310,113	309,974	310,082	309,848	310,036	1,266
75	8,50	314,034	314,068	313,984	314,047	313,908	314,016	313,781	313,969	1,266
76	8,50	318,102	318,136	318,051	318,114	317,975	318,083	317,849	318,036	1,267
77	8,50	322,038	322,072	321,987	322,050	321,911	322,019	321,783	321,971	1,267
78	8,50	326,104	326,138	326,053	326,116	325,976	326,084	325,849	326,037	1,268
79	8,50	330,041	330,075	329,990	330,053	329,913	330,021	329,785	329,973	1,268
80	8,50	334,105	334,139	334,054	334,117	333,977	334,085	333,849	334,037	1,269
81	8,50	338,044	338,078	337,993	338,055	337,916	338,024	337,787	337,975	1,269
82	8,50	342,107	342,141	342,055	342,118	341,978	342,086	341,849	342,037	1,269
83	8,50	346,047	346,081	345,995	346,058	345,918	346,026	345,788	345,977	1,270
84	8,50	350,108	350,142	350,056	350,119	349,978	350,087	349,849	350,038	1,270
85	8,50	354,050	354,083	353,998	354,060	353,920	354,028	353,790	353,979	1,270
86	8,50	358,109	358,143	358,057	358,120	357,979	358,087	357,849	358,038	1,271
87	8,50	362,052	362,086	362,000	362,063	361,922	362,030	361,791	361,980	1,271
88	8,50	366,111	366,144	366,058	366,121	365,980	366,088	365,849	366,038	1,272
89	8,50	370,055	370,088	370,002	370,065	369,924	370,032	369,792	369,982	1,272
90	8,50	374,112	374,145	374,059	374,122	373,980	374,088	373,848	374,038	1,272
91	8,50	378,057	378,091	378,005	378,067	377,925	378,034	377,793	377,983	1,272
92	8,50	382,113	382,146	382,060	382,122	381,981	382,089	381,848	382,038	1,273
93	8,50	386,060	386,093	386,007	386,069	385,927	386,035	385,794	385,984	1,273
94	8,50	390,114	390,147	390,061	390,123	389,981	390,089	389,848	390,038	1,273
95	8,50	394,062	394,095	394,008	394,071	393,928	394,037	393,795	393,985	1,274
96	8,50	398,115	398,148	398,061	398,124	397,981	398,090	397,847	398,038	1,274
97	8,50	402,064	402,097	402,010	402,072	401,930	402,038	401,796	401,986	1,274
98	8,50	406,116	406,149	406,062	406,124	405,982	406,090	405,847	406,037	1,275
99	8,50	410,066	410,099	410,012	410,074	409,931	410,039	409,796	409,987	1,275
100	8,50	414,117	414,150	414,063	414,125	413,982	414,090	413,847	414,037	1,275

5.26 37,5° pressure angle, module 5

Table 97 — Geometry internal spline, $\alpha = 37,5^\circ$, $m = 5$, fillet root, $E_{v \min} = 7,854$

z	D	D_b	$D_{ei \max}$	$D_{Fi \min}$	$D_{ii \min}$	$E_{\max}$			
						4H	5H	6H	7H
6	30,00	23,800 6	37,26	35,50	26,53	7,904	7,935	7,980	8,056
7	35,00	27,767 4	42,27	40,50	31,36	7,905	7,936	7,982	8,059
8	40,00	31,734 1	47,27	45,50	36,24	7,906	7,937	7,984	8,062
9	45,00	35,700 9	52,27	50,50	41,15	7,907	7,938	7,985	8,064
10	50,00	39,667 7	57,28	55,50	46,07	7,907	7,939	7,987	8,067
11	55,00	43,634 4	62,28	60,50	51,02	7,908	7,940	7,988	8,069
12	60,00	47,601 2	67,28	65,50	55,97	7,908	7,941	7,990	8,071
13	65,00	51,568 0	72,29	70,50	60,93	7,909	7,942	7,991	8,073
14	70,00	55,534 7	77,29	75,50	65,90	7,909	7,943	7,992	8,075
15	75,00	59,501 5	82,29	80,50	70,87	7,910	7,943	7,994	8,077
16	80,00	63,468 3	87,29	85,50	75,84	7,910	7,944	7,995	8,079
17	85,00	67,435 0	92,30	90,50	80,82	7,911	7,945	7,996	8,081
18	90,00	71,401 8	97,30	95,50	85,80	7,911	7,945	7,997	8,083
19	95,00	75,368 6	102,30	100,50	90,79	7,912	7,946	7,998	8,084
20	100,00	79,335 3	107,30	105,50	95,77	7,912	7,947	7,999	8,086
21	105,00	83,302 1	112,30	110,50	100,76	7,912	7,947	8,000	8,087
22	110,00	87,268 9	117,31	115,50	105,75	7,913	7,948	8,001	8,089
23	115,00	91,235 6	122,31	120,50	110,73	7,913	7,949	8,002	8,091
24	120,00	95,202 4	127,31	125,50	115,72	7,913	7,949	8,003	8,092
25	125,00	99,169 2	132,31	130,50	120,71	7,914	7,950	8,004	8,093
26	130,00	103,135 9	137,31	135,50	125,71	7,914	7,950	8,004	8,095
27	135,00	107,102 7	142,32	140,50	130,70	7,915	7,951	8,005	8,096
28	140,00	111,069 5	147,32	145,50	135,69	7,915	7,951	8,006	8,097
29	145,00	115,036 2	152,32	150,50	140,68	7,915	7,952	8,007	8,099
30	150,00	119,003 0	157,32	155,50	145,68	7,916	7,952	8,008	8,100
31	155,00	122,969 8	162,32	160,50	150,67	7,916	7,953	8,009	8,101
32	160,00	126,936 5	167,32	165,50	155,67	7,916	7,953	8,009	8,102
33	165,00	130,903 3	172,33	170,50	160,66	7,916	7,954	8,010	8,104
34	170,00	134,870 1	177,33	175,50	165,66	7,917	7,954	8,011	8,105
35	175,00	138,836 8	182,33	180,50	170,65	7,917	7,955	8,012	8,106
36	180,00	142,803 6	187,33	185,50	175,65	7,917	7,955	8,012	8,107
37	185,00	146,770 4	192,33	190,50	180,64	7,918	7,956	8,013	8,108
38	190,00	150,737 1	197,33	195,50	185,64	7,918	7,956	8,014	8,109
39	195,00	154,703 9	202,33	200,50	190,64	7,918	7,957	8,014	8,111
40	200,00	158,670 7	207,34	205,50	195,63	7,918	7,957	8,015	8,112
41	205,00	162,637 4	212,34	210,50	200,63	7,919	7,957	8,016	8,113
42	210,00	166,604 2	217,34	215,50	205,63	7,919	7,958	8,016	8,114
43	215,00	170,571 0	222,34	220,50	210,62	7,919	7,958	8,017	8,115
44	220,00	174,537 7	227,34	225,50	215,62	7,919	7,959	8,018	8,116
45	225,00	178,504 5	232,34	230,50	220,62	7,920	7,959	8,018	8,117
46	230,00	182,471 3	237,34	235,50	225,61	7,920	7,960	8,019	8,118
47	235,00	186,438 0	242,35	240,50	230,61	7,920	7,960	8,020	8,119
48	240,00	190,404 8	247,35	245,50	235,61	7,920	7,960	8,020	8,120
49	245,00	194,371 6	252,35	250,50	240,61	7,921	7,961	8,021	8,121
50	250,00	198,338 3	257,35	255,50	245,61	7,921	7,961	8,021	8,122
51	255,00	202,305 1	262,35	260,50	250,60	7,921	7,961	8,022	8,123
52	260,00	206,271 9	267,35	265,50	255,60	7,921	7,962	8,023	8,124
53	265,00	210,238 6	272,35	270,50	260,60	7,922	7,962	8,023	8,125
54	270,00	214,205 4	277,35	275,50	265,60	7,922	7,963	8,024	8,126
55	275,00	218,172 2	282,36	280,50	270,60	7,922	7,963	8,024	8,126
56	280,00	222,138 9	287,36	285,50	275,59	7,922	7,963	8,025	8,127
57	285,00	226,105 7	292,36	290,50	280,59	7,923	7,964	8,025	8,128
58	290,00	230,072 5	297,36	295,50	285,59	7,923	7,964	8,026	8,129
59	295,00	234,039 2	302,36	300,50	290,59	7,923	7,964	8,027	8,130
60	300,00	238,006 0	307,36	305,50	295,59	7,923	7,965	8,027	8,131
61	305,00	241,972 8	312,36	310,50	300,59	7,923	7,965	8,028	8,132